

**AGENDA**

**BOARD OF DIRECTORS  
ORANGE COUNTY SANITATION DISTRICT**

**ADMINISTRATIVE OFFICE**

**REGULAR MEETING**

**September 22, 2010 – 6:30 P.M.**

**INVOCATION AND PLEDGE OF ALLEGIANCE** - (John Anderson – Yorba Linda)

**ROLL CALL**

**PUBLIC COMMENTS**

**REPORTS:** The Chair and the General Manager may present verbal reports on miscellaneous matters of general interest to the Directors. These reports are for information only and require no action by the Directors.

1. Ratifying payment of claims of the District, by roll call vote, as follows:

<u>ALL DISTRICTS</u>	<u>08/15/10</u>	<u>08/31/10</u>
Totals	\$7,856,272.98	\$12,893,258.24

**DIRECTORS:** Pursuant to Government Code Section 84308, you are required to disclose any campaign contribution greater than \$250 received in the past twelve months from any party to a contract involving OCSD. This requires that you identify the contributor by name. Further, you may not participate in the decision making process to award a contract to such party. For reference, you are directed to the Register of Warrants as to all current contractors/vendors with OCSD. For the specifics of Government Code Section 84308, please see your Director's Handbook or call the office of General Counsel.

**CONSENT CALENDAR**

Consideration of motion to approve all agenda items appearing on the Consent Calendar not specifically removed from same, as follows:

2. Approve the minutes for the regular meeting held on August 25, 2010.

**STEERING COMMITTEE**

3. Order Steering Committee Minutes for the regular meeting held on August 25, 2010 to be filed.

**OPERATIONS COMMITTEE**

4. Approve the minutes of the September 1, 2010 Operations Committee meeting.
5. Authorize the General Manager to negotiate Amendment No. 6 to the Professional Services Agreement with Camp Dresser & McKee, Inc. for additional design services for the Rehabilitation of Odor Control Facilities, Project No. J-71-8.
6.
  - a) Approve Plans and Specifications for the P2 Digester Gas Dryer Upgrades, Project No. FE07-20, on file at the office of the Clerk of the Board;
  - b) Approve Addenda Nos. 1 and 2 to the plans and specifications;
  - c) Receive and file bid tabulation and recommendation;
  - d) Award a construction contract to Minako American Corporation dba Minco Construction for P2 Digester Gas Dryer Upgrades, Project No. FE07-20, for an amount not to exceed \$897,000; and,
  - e) Approve a contingency of \$89,700 (10%).

**ADMINISTRATION COMMITTEE**

7. Approve minutes of the September 8, 2010, meeting of the Administration Committee.
8. Authorize the General Manager to issue Revenue Refunding Certificate Anticipation Notes, Series 2010B, as one-year fixed-rate obligations, in an amount not to exceed \$167.0 million to replace the \$165.9 million Refunding Certificate Anticipation Notes, Series 2009B maturing on December 1, 2010.
9. Authorize the General Manager to issue up to \$157 million in new fixed-rate Certificates of Participation (COP) debt, in one or more series.
10. Adopt Resolution No. OCSD 10-15, Declaration of Official Intent to reimburse certain of the District's Capital Reserve Funds for expenditures made in advance for Fiscal Year 2010-11 Capital Improvement Projects from proceeds of a future long-term financing.

## **GWRS STEERING COMMITTEE**

11. Receive and file minutes of the Joint Groundwater Replenishment System Steering Committee meeting held on September 13, 2010.

## **CLOSED SESSION**

**CLOSED SESSION:** During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chair may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters, pursuant to Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted.

Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; (c) employment actions or negotiations with employee representatives; or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time as the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information.

Convene in closed session, if necessary

12. a. CONFERENCE WITH LEGAL COUNSEL RE. INITIATION OF LITIGATION (Government Code Section 54956.9(c))  
  
Significant Exposure to Litigation and Potential Litigation That the District May File  
  
Number of Potential Cases: 2
  - 1) Relating to EnerTech
  - 2) Project No. 5-58, Newport Trunk Sewer and Force Main
- b. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54954.5 (f))
  - 1) Agency Designated Representatives: James D. Ruth, General Manager; Robert Ghirelli, Assistant General Manager; Lorenzo Tyner, Director of Finance and Administrative Services; Jeff Reed, Human Resources and Employee Relations Manager; and Paul Loehr, Human Resources Supervisor.
  - 2) Employee Organizations: a) Peace Officers Council of California representing employees in the Professional Group and Supervisor

Group.

- c. PUBLIC EMPLOYEE PERFORMANCE EVALUATION  
(Government Code Section 54957(b)(1))

Title: General Manager

Reconvene in regular session

Consideration of action, if any, on matters considered in closed session

**OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA  
ITEMS, IF ANY**

**ADJOURNMENT** - The next Board of Directors regular meeting is scheduled for  
October 27, 2010, at 6:30 p.m.

**Agenda Posting:** In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the District's Administrative offices not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of all, of the members of District's Board, are available for public inspection in the office of the Clerk of the Board, located at 10844 Ellis Avenue, Fountain Valley, California.

**Items Not Posted:** In the event any matter not listed on this agenda is proposed to be submitted to the Board for discussion and/or action, it will be done in compliance with Section 54954.2(b) as an emergency item or because there is a need to take immediate action, which need came to the attention of the Board subsequent to the posting of agenda, or as set forth on a supplemental agenda posted in the manner as above, not less than 72 hours prior to the meeting date.

**Public Comments:** Any member of the public may address the Board of Directors on specific agenda items or matters of general interest. As determined by the Chair, speakers may be deferred until the specific item is taken for discussion and remarks may be limited to three minutes.

Matters of interest addressed by a member of the public and not listed on this agenda cannot have action taken by the Board of Directors except as authorized by Section 54954.2(b). If you wish to speak, please complete a Speaker's Form (located at the table outside of the Board Room) and give it to the Clerk of the Board.

**Consent Calendar:** All matters placed on the Consent Calendar are considered as not requiring discussion or further explanation and unless any particular item is requested to be removed from the Consent Calendar by a Director, staff member or member of the public in attendance, there will be no separate discussion of these items. All items on the Consent Calendar will be enacted by one action approving all motions, and casting a unanimous ballot for resolutions included on the consent calendar. All items removed from the Consent Calendar shall be considered in the regular order of business.

Members of the public who wish to remove an item from the Consent Calendar shall, upon recognition by the Chair, state their name, address and designate by number the item to be removed from the Consent Calendar.

The Chair will determine if any items are to be deleted from the Consent Calendar.

**Items Continued:** Items may be continued from this meeting without further notice to a Committee or Board meeting held within five (5) days of this meeting per Government Code Section 54954.2(b)(3).

**Meeting Adjournment:** This meeting may be adjourned to a later time and items of business from this agenda may be considered at the later meeting by Order of Adjournment and Notice in accordance with Government Code Section 54955 (posted within 24 hours).

**Accommodations for the Disabled:** The Board of Directors Meeting Room is wheelchair accessible. If you require any special disability related accommodations, please contact the Orange County Sanitation District Clerk of the Board's office at (714) 593-7124 at least 72 hours prior to the scheduled meeting. Requests must specify the nature of the disability and the type of accommodation requested.

**NOTICE TO DIRECTORS:** To place items on the agenda for the Regular Meeting of the Board of Directors, items shall be submitted to the Clerk of the Board no later than the close of business 14 days preceding the Board meeting. The Clerk of the Board shall include on the agenda all items submitted by Directors, the General Manager and General Counsel and all formal communications.

General Manager	James D. Ruth	(714) 593-7110	<a href="mailto:jruth@ocsd.com">jruth@ocsd.com</a>
Assistant General Manager	Bob Ghirelli	(714) 593-7400	<a href="mailto:rghirelli@ocsd.com">rghirelli@ocsd.com</a>
Clerk of the Board	Donna Terrones	(714) 593-7130	<a href="mailto:dterrones@ocsd.com">dterrones@ocsd.com</a>
Director of Engineering	Jim Herberg	(714) 593-7300	<a href="mailto:jherberg@ocsd.com">jherberg@ocsd.com</a>
Director of Finance and Admin Services	Lorenzo Tyner	(714) 593-7550	<a href="mailto:lyner@ocsd.com">lyner@ocsd.com</a>
Director of Facilities Support Services	Nick Arhontes	(714) 593-7210	<a href="mailto:narhontes@ocsd.com">narhontes@ocsd.com</a>
Director of Operations and Maintenance	Ed Torres	(714) 593-7080	<a href="mailto:etorres@ocsd.com">etorres@ocsd.com</a>
General Counsel	Brad Hogin	(714) 415-1006	<a href="mailto:bhogin@wss-law.com">bhogin@wss-law.com</a>

**BOARD OF DIRECTORS**  
**AGENDA REPORT**

Meeting Date	To Bd. of Dir. 09/22/10
Item Number	Item Number 1

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Lorenzo Tyner, Director of Finance and Administrative Services

**SUBJECT:** PAYMENT OF CLAIMS OF THE ORANGE COUNTY SANITATION DISTRICT

**GENERAL MANAGER'S RECOMMENDATION**

Ratify Payment of Claims of the District by Roll Call Vote.

**CONFLICT OF INTEREST NOTIFICATION**

Pursuant to Government Code Section 84308, you are required to disclose any campaign contribution greater than \$250 received in the past twelve months from any party to a contract involving the Orange County Sanitation District. Further, you may not participate in the decision making process to award a contract to such party.

For reference, you are directed to the Register of Warrants as to all current contractors/vendors with the District.

In general, you must disclose the basis of the conflict by identifying the name of the firm or individual who was the contributor.

For the specifics of Government Code Section 84308, please see your Director's Handbook or call the office of General Counsel.

**PRIOR COMMITTEE/BOARD ACTIONS**

N/A

**ADDITIONAL INFORMATION**

See attached listing.

**ATTACHMENTS**

1. Copies of Claims Paid reports from 08/01/10 – 08/15/10 and 08/16/10 – 08/31/10

Claims Paid From 08/01/10 to 08/15/10

Vendor	Warrant No.	Amount	Description
<b>Accounts Payable Warrants</b>			
ABB Instrumentation Repairs	32515	\$ 1,330.00	Repair & Maintenance Services and/or Supplies
ABEL Pumps, L.P.	32516	94.88	Repair & Maintenance Services and/or Supplies
ABEL Pumps, L.P.	32685	728.52	Repair & Maintenance Services and/or Supplies
AccuStandard	32517	1,538.32	Laboratory Services & Supplies
AccuStandard	32686	258.75	Laboratory Services & Supplies
AECOM USA, Inc.	32669	53,364.09	Professional Services/Engineering Design Services
Ago IndustriesDBA So-Cal Sweeping	32518	1,960.00	Street Sweeping Services
Air Liquid America Specialty Gases	32687	2,460.97	Laboratory Services & Supplies
Air Products & Chemicals, Inc.	32670	27,166.23	Chemicals, Water/Wastewater Treatment
Airgas Safety, Inc.	32519	462.30	Safety, Security, Health Equipment, Supplies, and Services
Airgas West	32520	903.69	Repair & Maintenance Services and/or Supplies
Airgas West	32688	4,790.33	Repair & Maintenance Services and/or Supplies
American Academy of Environmental Engine	32521	42.00	Books and Publications
American Airlines	32689	4,522.10	Transportation
American Chemical Society	32522	145.00	Professional Organizations Meeting/Training/Membership
American Concrete Institute	32523	104.00	Books and Publications
American Power	32524	964.56	Electrical/Electronic Equipment, Parts & Repairs
Amtech Elevator Services	32690	1,070.00	Miscellaneous Services
Ancon Marine	32671	39,252.25	Professional Services/Biosolids Management
Archie Ivy, Inc.	32525	4,138.00	Facilities, Maintenance, Services & Supplies
Area51-ESG, Inc.	32691	788.90	Electrical/Electronic Equipment, Parts & Repairs
Ashbrook Simon Hartley Operations, L.P.	32526	7,220.89	Repair & Maintenance Services and/or Supplies
AT & T Universal Biller	32527	3,406.35	Telecommunications
Atlas Underground, Inc.	32692	4,200.00	Repair & Maintenance Services and/or Supplies
Austin Building and Design dba The Austin Company	32528	3,257.94	Professional Services/Engineering Design Services
AWWA	32693	118.00	Professional Organizations Meeting/Training/Membership
Basic Chemical Solutions, L.L.C.	231	4,872.55	Chemicals, Water/Wastewater Treatment
Basic Chemical Solutions, L.L.C.	237	1,388.71	Chemicals, Water/Wastewater Treatment
Battery Specialties	32529	64.16	Batteries, Various
BC Wire Rope & Rigging	32694	1,200.00	Tools & Supplies
Beach Cities Scuba Mania	32530	159.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Beach Wire and Cable	32531	1,228.62	Telecommunications
Belisle & Associates	32695	1,580.00	Professional Organizations Meeting/Training/Memberships
Bennett Bowen Lighthouse	32532	1,909.80	Calibration Gas
Bernell Hydraulics, Inc.	32696	1,269.94	Repair & Maintenance Services and/or Supplies
BioMerieux Vitek, Inc.	32697	2,976.00	Laboratory Services & Supplies
Blue Diamond Car Wash, Inc.	32698	1,099.00	Facilities, Maintenance, Services & Supplies
Brady Corporation	32699	503.72	Repair & Maintenance Services and/or Supplies
Brithinee Electric	32700	10,135.50	Electrical/Electronic Equipment, Parts & Repairs
Brown & Caldwell	32672	102,015.63	Professional Services/Engineering Design Services
Buchalter Nemer	32533	1,000.00	Professional Legal Services
Burlington Safety Laboratory of CA, Inc.	32701	553.00	Safety, Security, Health Equipment, Supplies, and Services
Bush & Associates, Inc.	32534	1,800.00	Professional Services/Surveying Services
Bush & Associates, Inc.	32702	4,308.00	Professional Services/Surveying Services
C.S.M.F.O	32549	99.00	Professional Organizations Meeting/Training/Membership
Calchamber / Calbizcentral	32536	33.40	Books & Publications
California Coastal Commission	32704	250.00	Governmental Agency Fees & Charges

**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
California Contract Commercial Designs	32537	4,807.00	Safety, Security, Health Equipment, Supplies, and Services
California Dept. of Child Support	32705	1,919.51	Judgments Payable
California Hazardous Services, Inc.	32706	2,100.00	Repair & Maintenance Services and/or Supplies
California Recreation Company	32707	2,973.03	Boat Slip Rental - Nerissa Ocean Monitoring Vessel
Caltrol, Inc.	32538	1,531.11	Electrical/Electronic Equipment, Parts & Repairs
Camali Corp.	32539	635.94	Repair & Maintenance Services and/or Supplies
Camali Corp.	32708	5,352.18	Repair & Maintenance Services and/or Supplies
CA-NV Section, AWWA	32535	175.00	Professional Organizations Meeting/Training/Memberships
Carl Warren & Co.	32709	300.00	Professional Services - Workers' Compensation
CASA	32710	850.00	Professional Organizations Meeting/Training/Membership Dues
Cavanaugh Machine Works	32711	3,500.00	Repair & Maintenance Services and/or Supplies
CB&I, Inc.	32504	79,987.00	Repair & Maintenance Services and/or Supplies
CDW Government, Inc.	32540	13,134.62	Computers, Software/Hardware
Christy Krause	32703	438.48	Claim Settlement
Circle, Inc.	32541	63.11	Copier Toner/Ink Supplies
City of Huntington Beach	32573	109.89	Water Use
City of Huntington Beach	32745	11.82	Water Use
CMAA	32542	600.00	Professional Organizations Meeting/Training/Memberships
Compressor Components of California	32543	5,262.50	Repair & Maintenance Services and/or Supplies
Compressor Components of California	32712	1,248.00	Repair & Maintenance Services and/or Supplies
Connell Chevrolet/GEO	32713	1,456.33	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Consumers Pipe & Supply Co.	32544	3,856.71	Repair & Maintenance Services and/or Supplies
Consumers Pipe & Supply Co.	32714	1,646.60	Repair & Maintenance Services and/or Supplies
Corporate Image Maintenance, Inc.	32545	12,965.00	Janitor & Household Service & Supplies
Corporate Image Maintenance, Inc.	32673	35,995.00	Janitor & Household Service & Supplies
Cortech Engineering	32546	17,967.28	Repair & Maintenance Services and/or Supplies
Court Order	32758	2,179.38	Judgments Payable
Court Order	32763	150.00	Judgments Payable
Court Order	32769	225.00	Judgments Payable
Court Order	32794	108.00	Judgments Payable
Court Order	32851	912.50	Judgments Payable
CR&R, Inc.	32547	1,575.00	Waste Disposal
CR&R, Inc.	32715	630.00	Waste Disposal
CS-AMSCO	32548	6,342.46	Repair & Maintenance Services and/or Supplies
CS-AMSCO	32716	20,645.09	Repair & Maintenance Services and/or Supplies
David Wheeler Pest Control, Inc.	32717	460.00	Pest Control Services
David's Tree Service	32718	6,775.00	Groundskeeping
DDB Engineering, Inc.	32719	1,080.00	Professional Services - Advocacy
Deirdre E. Bingman	32655	204.00	Meeting/Training Expense Reimbursement
Desert Pumps & Parts, Inc.	32550	382.06	Repair & Maintenance Services and/or Supplies
DLT&V Systems Engineering, Inc.	32551	10,439.56	Computer Applications & Services
DLT&V Systems Engineering, Inc.	32720	317.55	Professional Services/VFD Upgrade
Doug Rulison	32667	554.76	Meeting/Training Expense Reimbursement
Dunn-Edwards Corporation	32721	46.15	Facilities, Maintenance, Services & Supplies
E. Sam Jones Distributors, Inc.	32552	403.62	Electrical/Electronic Equipment, Parts & Repairs
Eagle Aerial Imaging	32553	7,800.63	Computer Applications & Services
Edward M. Torres	32668	1,272.42	Meeting/Training Expense Reimbursement
Eimco Water Technologies	32554	4,402.20	Repair & Maintenance Services and/or Supplies



**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Employee Benefits Specialists, Inc.	32722	13,254.78	Reimbursed Prepaid Employee Medical & Dependent Care
Enchanter, Inc.	32555	3,040.00	Vessel Services - Monitoring Vessel Nerissa
ENS Resources, Inc.	32723	7,500.00	Professional Services - Federal Advocacy
Environmental Resource Associates	32556	259.07	Laboratory Services & Supplies
Environmental Resource Associates	32724	3,137.83	Laboratory Services & Supplies
Environmental Science Assoc.	32557	5,609.25	Professional Services
Equipment Specialties Co.	32558	360.00	Repair & Maintenance Services and/or Supplies
Ewing Irrigation	32559	200.00	Irrigation Repair & Maintenance Services and/or Supplies
Ewing Irrigation	32725	983.53	Irrigation Repair & Maintenance Services and/or Supplies
Fairview Ford Sales, Inc.	32560	23,926.14	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Fisher Scientific	32726	2,386.00	Laboratory Services & Supplies
Fountain Valley Paints, Inc.	32727	39.15	Painting Services and Supplies
Franklin Covey	32562	506.78	Office Supplies
Frys Electronics	32563	474.87	Computers, Software/Hardware
Frys Electronics	32728	60.88	Computers, Software/Hardware
Gail A. Cain	32857	1,849.99	Employee Computer Loan Program
Ganahl Lumber Company	32729	219.46	Facilities, Maintenance, Services & Supplies
Gardner-Denver, Inc.	32564	1,409.14	Repair & Maintenance Services and/or Supplies
Gates Fiberglass Installers	32565	1,989.38	Repair & Maintenance Services and/or Supplies
Gates Fiberglass Installers	32730	4,934.38	Repair & Maintenance Services and/or Supplies
George L. Robertson	32856	320.29	Meeting/Training Expense Reimbursement
George Yardley Co.	32731	554.91	Repair & Maintenance Services and/or Supplies
Gierlich-Mitchell, Inc.	32732	3,601.91	Repair & Maintenance Services and/or Supplies
Glens Alignment & Brake Service	32733	129.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Global Awards, Inc.	32734	631.73	Repair & Maintenance Services and/or Supplies
Golden State Overnight Delivery Service	32566	118.97	Courier Services
Golden State Overnight Delivery Service	32735	18.97	Courier Services
Golden West Window Service	32567	5,370.00	Facilities, Maintenance, Services & Supplies
Golden West Window Service	32736	4,362.00	Facilities, Maintenance, Services & Supplies
Government Finance Officers Association	32737	55.00	Professional Organizations Meeting/Training/Memberships
Grainger, Inc.	32568	4,866.65	Repair & Maintenance Services and/or Supplies
Grainger, Inc.	32738	1,473.02	Repair & Maintenance Services and/or Supplies
GTE.NET, L.L.C. (Verizon Online)	32839	99.99	Telecommunications
Haaker Equipment Company	232	9,447.50	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Hach Company	32569	3,229.45	Laboratory Services & Supplies
Hampton Tedder Technical Services	32739	4,500.00	Professional Services/Electrical Acceptance Testing - Various
Harrington Industrial Plastics, Inc.	32570	1,306.09	Repair & Maintenance Services and/or Supplies
Harrington Industrial Plastics, Inc.	32740	1,240.80	Repair & Maintenance Services and/or Supplies
HDR Engineering, Inc.	32674	33,298.47	Professional Services/Engineering Design Services
Health Science Associates	32741	793.00	Safety, Security, Health Equipment, Supplies, and Services
Heat Technology Products	32675	36,710.94	Repair & Maintenance Services and/or Supplies
Hewlett Packard Company	32742	10,317.31	Computers, Software/Hardware
Hill Brothers	234	42,461.29	Chemicals, Water/Wastewater Treatment
Hilti, Inc.	32571	2,081.68	Repair & Maintenance Services and/or Supplies
Home Depot	32572	1,019.63	Miscellaneous Parts and Supplies
Home Depot	32743	711.06	Miscellaneous Parts and Supplies
Hub Auto Supply	32744	1,721.91	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Hyatt Legal Plans, Inc.	32746	1,314.00	Voluntary Employee Benefit Program

**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Indiana Child Support Bureau	32747	290.00	Judgments Payable
Industrial Distribution Group	32574	314.61	Repair & Maintenance Services and/or Supplies
Industrial Distribution Group	32748	92.13	Repair & Maintenance Services and/or Supplies
Industrial Hearing & Pulmonary Mgmt.	32749	5.00	Employee Medical Surveillance Services
Industrial Threaded Products, Inc.	32750	396.22	Repair & Maintenance Services and/or Supplies
Inorganic Ventures, Inc.	32575	859.81	Laboratory Services & Supplies
Inplant Sales, L.L.C.	32751	575.11	Repair & Maintenance Services and/or Supplies
Insight Public Sector, Inc.	32576	3,674.46	Computers, Software/Hardware
Internal Revenue Service	32752	125.00	Judgments Payable
Interstate Batteries of Cal Coast	32753	419.67	Repair & Maintenance Services and/or Supplies
Intl. Union of Oper. Eng. AFL CIO Local 501	32754	4,688.27	Dues Deductions
J F Shea Construction, Inc.	32676	82,116.00	Construction
J R Filanc Construction	32684	430,590.20	Construction
James R. Harris	32661	841.25	Meeting/Training Expense Reimbursement
Jamison Engineering Contractors, Inc.	32578	7,175.00	Professional Services/Engineering Design Services
Jamison Engineering Contractors, Inc.	32755	4,995.00	Professional Services/Engineering Design Services
Jays Catering	32579	1,263.05	Catering Services
Jays Catering	32756	613.07	Catering Services
JCI Jones Chemicals, Inc.	229	61,266.32	Chemicals, Water/Wastewater Treatment
JCI Jones Chemicals, Inc.	235	72,802.05	Chemicals, Water/Wastewater Treatment
JG Tucker And Son, Inc.	32577	544.46	Safety, Security, Health Equipment, Supplies, and Services
Jin H. Kim	32854	217.00	Meeting/Training Expense Reimbursement
John M. Flores	32659	440.05	Meeting/Training Expense Reimbursement
Johnstone Supply	32580	162.19	Repair & Maintenance Services and/or Supplies
JPR Systems, Inc.	32757	8,101.46	Repair & Maintenance Services and/or Supplies
Kanawha Insurance Company	32759	1,696.06	Voluntary Benefits - SSTD Insurance
Kemira Water Solutions	230	62,471.39	Chemicals, Water/Wastewater Treatment
Kemira Water Solutions	236	164,715.36	Chemicals, Water/Wastewater Treatment
Kewaunee Scientific Corporation	32581	2,440.35	Minor Equipment/Furniture/Fixtures
Kiewit/Mass, A Joint Venture	32511	515,588.40	Construction
Kiewit/Mass, A Joint Venture	32513	277,650.00	Construction
Kimberly A. Erickson	32657	120.16	Meeting/Training Expense Reimbursement
L&N Image Apparel	32761	1,942.94	Safety, Security, Health Equipment, Supplies, and Services
L. Johnson Painting	32760	10,530.00	Painting Services and Supplies
Lance Soll and Lunghard	32582	16,327.50	Professional Services - Auditing
Lee & Ro, Inc.	32583	4,806.23	Professional Services/Engineering Design Services
Liberty Mutual Claims	32505	75,322.42	Insurance
Liebert Cassidy	32762	4,919.00	Professional Services/Employee Relations
Lisa K. Haney	32660	160.00	Meeting/Training Expense Reimbursement
Lord & Sons, Inc.	32584	645.00	Repair & Maintenance Services and/or Supplies
Lucci's Gourmet Foods, Inc.	32585	244.16	Catering Services
McBain Instruments	32586	1,220.00	Repair & Maintenance Services - Microscope
McCrometer, Inc.	32587	4,624.42	Instrument Parts & Supplies
McMaster-Carr Supply Co.	32588	2,281.01	Repair & Maintenance Services and/or Supplies
McMaster-Carr Supply Co.	32764	646.42	Repair & Maintenance Services and/or Supplies
Media Resurfacing Systems, Inc.	32589	1,000.00	Repair & Maintenance Services and/or Supplies
Medlin Controls Co.	32765	157.94	Repair & Maintenance Services and/or Supplies
Michael J. McCusker	32664	132.00	Meeting/Training Expense Reimbursement

**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Michael Puccio	32666	125.00	Meeting/Training Expense Reimbursement
Michelle R. Hetherington	32662	125.00	Meeting/Training Expense Reimbursement
Midway Mfg. & Machining Co.	32766	4,345.11	Repair & Maintenance Services and/or Supplies
Minarik	32767	2,383.53	Electrical/Electronic Equipment, Parts & Repairs
Mine Safety Appliance	32768	3,000.01	Electrical/Electronic Equipment, Parts & Repairs
NAGDCA	32590	630.00	Professional Organizations Meeting/Training/Membership
National Bond & Trust	32770	2,178.98	U.S. Savings Bonds Payroll Deductions
National Water Research Institute	32506	50,000.00	Professional Organizations Meeting/Training/Membership
Ncompliance Services	32591	59.00	Books & Publications
Neal Supply Co.	32592	36.59	Repair & Maintenance Services and/or Supplies
Neutron Products, Inc.	32593	6,027.80	Chemicals, Water/Wastewater Treatment
Neutron Products, Inc.	32771	3,027.60	Chemicals, Water/Wastewater Treatment
Newark Electronics	32772	1,176.79	Electrical/Electronic Equipment, Parts & Repairs
NORLAB	32594	138.00	Laboratory Services & Supplies
OCB Reprographics	32595	3,299.10	Printing/Reprographics Services
OCB Reprographics	32773	496.38	Printing/Reprographics Services
OCEA	32774	672.25	Dues Deductible
Olin Corporation	32596	3,879.78	Chemicals, Water/Wastewater Treatment
Olin Corporation	32775	3,992.34	Chemicals, Water/Wastewater Treatment
OneSource Distributors, Inc.	32597	2,378.70	Electrical/Electronic Equipment, Parts & Repairs
OneSource Distributors, Inc.	32776	218.11	Electrical/Electronic Equipment, Parts & Repairs
Orange Coast Auto Body, Inc.	32598	700.94	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Orange County Health Care Agency	32599	20,806.00	Governmental Agency Fees & Charges - WDR
Orange County Health Care Agency	32777	325.00	Governmental Agency Fees & Charges
Orange County Health Care Agency	32778	325.00	Governmental Agency Fees & Charges
Orange County Health Care Agency	32779	325.00	Governmental Agency Fees & Charges
Orange County Health Care Agency	32780	5,621.00	Governmental Agency Fees & Charges
Orange County Health Care Agency	32781	5,821.00	Governmental Agency Fees & Charges
Orange County Health Care Agency	32782	884.00	Governmental Agency Fees & Charges
Orange County Tax Collector	32784	62.85	Governmental Agency Fees & Charges
Orange County United Way	32785	40.00	Employee Contributions
Orange County Water District	32677	248,720.84	GWRS
Oxygen Service Company	32600	701.22	Laboratory Services & Supplies
Pacific Mechanical Supply	32601	1,291.14	Repair & Maintenance Services and/or Supplies
Pacific Parts and Controls, Inc.	32602	352.08	Repair & Maintenance Services and/or Supplies
Packet Fusion, Inc.	32786	125.00	Telecommunications
Parker Supply Company	32603	130.50	Miscellaneous Parts and Supplies
PBS & J	32604	6,368.28	Professional Services/Engineering Design Services
PCB Piezotronics, Inc.	32605	1,399.77	Electrical/Electronic Equipment, Parts & Repairs
PCS Express, Inc.	32606	126.34	Courier Services
Peace Officers Council of CA	32787	2,334.50	Dues Deductions, Supervisors & Professionals
Performance Pipeline Technologies	32507	25,346.87	Professional Services/CCTV Inspection
Performance Pipeline Technologies	32678	28,133.17	Repair & Maintenance Services and/or Supplies
Perkinelmer Labs	32607	211.60	Laboratory Services & Supplies
PFT/Alexander Service, Inc.	32608	928.79	Electrical/Electronic Equipment, Parts & Repairs
PL Hawn Company, Inc.	32788	55.98	Repair & Maintenance Services and/or Supplies
Plumbers Depot, Inc.	32609	1,423.36	Repair & Maintenance Services and/or Supplies
Polydyne, Inc.	233	17,929.79	Chemicals, Water/Wastewater Treatment

**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Polydyne, Inc.	238	20,768.68	Chemicals, Water/Wastewater Treatment
PowerTech Engines, Inc.	32610	283.60	Vehicle Engine LPG Retrofit Kits
Praxair Distribution, Inc.	32611	263.41	Laboratory Services & Supplies
Primary Source Office Furnishings, Inc.	32612	1,037.48	Minor Equipment/Furniture & Fixtures
Primrose Ice Co., Inc.	32613	300.00	Water & Ice Services
Primrose Ice Co., Inc.	32790	100.00	Water & Ice Services
Projectline Technical Services, Inc.	32614	5,760.00	Professional Services/Engineering Design Services
Projectline Technical Services, Inc.	32791	532.40	Professional Services/Engineering Design Services
Propipe Professional Pipe Services	239	9,697.76	Professional Services/Sewerline Cleaning
Prudential Insurance Company of America	32679	41,586.51	Benefits
Prudential Overall Supply	32792	6,132.26	Uniforms
Psomas	32615	9,295.00	Computer Applications & Services
Putzmeister America, Inc.	32680	74,950.00	Repair & Maintenance Services and/or Supplies
Q Air - Calif. Div. Pump Engineering	32793	2,216.53	Repair & Maintenance Services and Supplies
Rae Systems, Inc.	32795	510.63	Instrument Repairs
RBF Consulting	32616	11,850.26	Professional Services/Engineering Design Services
RBF Consulting	32796	21,865.65	Professional Services/Engineering Design Services
Red Wing Shoes	32797	168.78	Safety, Security, Health Equipment, Supplies, and Services
Reliastar	32798	4,834.78	Voluntary Employee Life & Cancer Insurance
Rentacrate, L.L.C.	32617	363.13	Facilities, Maintenance, Services & Supplies
Rentacrate, L.L.C.	32799	444.69	Facilities, Maintenance, Services & Supplies
Restek Corp.	32800	1,184.06	Laboratory Services & Supplies
RMS Engineering & Design, Inc.	32801	11,570.00	Professional Services/Engineering Design Services
Rockwell Engineering & Equipment Co.	32802	11,745.00	Repair & Maintenance Services and/or Supplies
Royale Cleaners	32618	154.20	Miscellaneous Services
Royale Cleaners	32803	33.50	Miscellaneous Services
Ryan Herco Products Corp.	32804	1,801.91	Repair & Maintenance Services and/or Supplies
Safety Max	32805	609.56	Safety, Security, Health Equipment, Supplies, and Services
Sancon Engineering, Inc.	32681	40,552.00	Repair & Maintenance Services and/or Supplies
Santiago A. Escobar	32658	827.46	Meeting/Training Expense Reimbursement
SCAQMD	32806	371.56	Governmental Agency Fees & Charges
Schwing Bioset	240	112.13	Repair & Maintenance Services and/or Supplies
SCP Science	32807	60.00	Laboratory Services & Supplies
Shamrock Supply Co., Inc.	32619	2,229.06	Repair & Maintenance Services and/or Supplies
Shamrock Supply Co., Inc.	32808	318.08	Repair & Maintenance Services and/or Supplies
Shureluck Sales & Engineering	32620	1,658.11	Repair & Maintenance Services and/or Supplies
Shureluck Sales & Engineering	32809	2,247.71	Repair & Maintenance Services and/or Supplies
Siemens Water Technologies Corp.	32621	65.54	Repair & Maintenance Services and/or Supplies
Sign A Rama	32810	1,688.89	Printing/Reprographics Services
Smith-Emery Company	32622	10,717.40	Professional Services/Geotech & Material Testing
So. Cal Gas Company	32811	8,498.32	Utilities
Society for Human Resource Management	32812	160.00	Professional Organizations Meeting/Training/Memberships
South Coast Shipyard, Inc.	32813	1,703.18	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Southern California Edison	32508	125,491.37	Utilities
Southern California Edison	32814	2,532.08	Utilities
Special Plastic Systems, Inc.	32623	2,266.39	Repair & Maintenance Services and/or Supplies
Standard and Poors Corp.	32624	5,000.00	Professional Services
Stanley Steamer International, Inc.	32625	1,450.80	Janitor & Household Service & Supplies

**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Stanley Steamer International, Inc.	32815	4,395.16	Janitor & Household Service & Supplies
State Board of Equalization	32816	3,550.00	Governmental Agency Fees & Charges
State Board of Equalization	32817	1,777.00	Governmental Agency Fees & Charges
Stephen Patrick Myers	32636	620.00	Miscellaneous Pool Services
Stericycle, Inc.	32818	98.45	Miscellaneous Supplies
Stratus Environmental, Inc.	32819	5,800.00	Laboratory Services & Supplies
Summit Steel	32626	4,263.16	Repair & Maintenance Services and/or Supplies
Summit Steel	32820	423.04	Repair & Maintenance Services and/or Supplies
Sunset Industrial Parts	32627	701.34	Repair & Maintenance Services and/or Supplies
Sunset Industrial Parts	32682	25,942.96	Repair & Maintenance Services and/or Supplies
Systea Scientific, L.L.C.	32628	3,875.00	Laboratory Services & Supplies
Teledyne RD Instruments, Inc.	32629	38.61	Freight Charges
Terra Renewal, L.L.C.	32630	21,367.17	Grit & Screenings Disposal
TestAmerica Ontario	32631	442.00	Laboratory Services & Supplies
The Bank of New York Mellon	32821	1,745.85	Quarterly Service Fee - Asset Administration
The Cei Group, Inc.	32822	778.89	Repair & Maintenance Services and/or Supplies
The Fire X-Tinguisher Service Co.	32561	765.00	Safety, Security, Health Equipment, Supplies, and Services
The Integration Works, L.L.C.	32823	1,602.00	Repair & Maintenance Services and/or Supplies
The Orange County Register	32783	2,288.00	Notices & Ads
The Standard Insurance Company	32824	2,571.27	Disability Insurance
The Wackenhut Corporation	32846	19,715.36	Safety, Security, Health Equipment, Supplies, and Services
Theodore Robins Ford	32825	135.93	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Thomas A. Hunt	32853	250.00	Meeting/Training Expense Reimbursement
Thomas D. Dodderer	32656	250.00	Meeting/Training Expense Reimbursement
Thompson Industrial Supply, Inc.	32632	4,620.18	Repair & Maintenance Services and/or Supplies
Thompson Industrial Supply, Inc.	32826	3,561.30	Repair & Maintenance Services and/or Supplies
Tiano Construction	32633	1,250.00	Facilities, Maintenance, Services & Supplies
Tiano Construction	32827	6,990.00	Facilities, Maintenance, Services & Supplies
Time Warner Communications	32634	58.72	Telecommunications
T-Mobile	32635	109.39	Telecommunications
Tony's Lock & Safe Service & Sales	32828	994.33	Repair & Maintenance Services and/or Supplies
Townsend Public Affairs	32829	7,500.00	Professional Services - State Advocacy
Transcat	32830	1,041.10	Repair & Maintenance Services and/or Supplies
Tropical Plaza Nursery, Inc.	32637	12,497.50	Landscape Maintenance Services
Tropical Plaza Nursery, Inc.	32831	1,160.00	Landscape Maintenance Services
Truck & Auto Supply, Inc.	32638	7.82	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Truck & Auto Supply, Inc.	32832	332.79	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Tule Ranch/Magan Farms	32509	136,282.07	Biosolids Management
TW Telecom Holdings, Inc.	32833	3,673.69	Telecommunications
Ultra Scientific	32834	469.89	Laboratory Services & Supplies
Union Bank of California	32835	1,978.00	Annual Administrative Fee for Series 2003 Certificates of Participation
United Parcel Service	32639	64.62	Freight Services
United Parcel Service	32836	130.77	Freight Services
United Power Service, Inc.	32640	153.00	Electrical/Electronic Equipment, Parts & Repairs
Urgent Care of Westchester	32837	100.00	Medical Surveillance Services
US Peroxide, L.L.C.	32641	14,569.68	Chemicals, Water/Wastewater Treatment
US Peroxide, L.L.C.	32683	114,460.75	Chemicals, Water/Wastewater Treatment
Valin Corporation	32642	117.30	Repair & Maintenance Services and/or Supplies

**Claims Paid From 08/01/10 to 08/15/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Vanh Phonsiri	32855	861.55	Meeting/Training Expense Reimbursement
Vapex Products, Inc.	32643	1,351.08	Electrical/Electronic Equipment, Parts & Repairs
Vapex Products, Inc.	32838	5,521.00	Electrical/Electronic Equipment, Parts & Repairs
Varian, Inc.	32644	1,274.55	Laboratory Services & Supplies
Verizon California	32645	827.02	Telecommunications
Verizon Wireless	32646	720.16	Telecommunications
Verne's Plumbing	32647	6,185.33	Plumbing Services & Supplies
Verne's Plumbing	32840	938.27	Plumbing Services & Supplies
Village Nurseries	32841	223.47	Repair & Maintenance Services and/or Supplies
Vision Financial Corporation	32842	1,077.48	Employee Voluntary Benefits
Voided Check	32510	-	-
Voided Check	32663	-	-
Vortex Corp.	32648	3,130.60	Repair & Maintenance Services and/or Supplies
Vortex Corp.	32843	1,614.77	Facilities, Maintenance, Services & Supplies
Voyager Fleet Systems, Inc.	32844	19,245.94	Fuel Card Program
VWR Scientific Products	32649	912.22	Laboratory Services & Supplies
VWR Scientific Products	32845	499.81	Laboratory Services & Supplies
Water Environment Federation	32650	2,546.00	Professional Organizations Meeting/Training/Memberships
Water Environment Federation	32847	217.00	Professional Organizations Meeting/Training/Memberships
Waters Corporation	32651	100.00	Laboratory Services & Supplies
Wells Fargo Bank Escrow 23518600	32512	57,287.60	Construction, Retention
Wells Fargo Bank Escrow 23861100	32514	30,850.00	Construction, Retention
Weltec Welding Alloys	32652	648.13	Repair & Maintenance Services and/or Supplies
West Coast Safety Supply Co.	32848	283.31	Safety, Security, Health Equipment, Supplies, and Services
West Marine Products, Inc. dba Port Supply	32789	84.14	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Western Analytical Laboratories, Inc.	32653	1,950.00	Outside Laboratory Services
Western States Controls	32654	2,966.70	Electrical/Electronic Equipment, Parts & Repairs
WetLabs, Inc.	32849	2,315.00	Electrical/Electronic Equipment, Parts & Repairs
William M. Moline	32665	250.00	Meeting/Training Expense Reimbursement
Yale/Chase Materials Handling, Inc.	32850	1,058.13	Electrical/Electronic Equipment, Parts & Repairs
1-800-Conference(R)	32852	47.15	Telecommunications
<b>Total Accounts Payable - Warrants</b>		<b>\$ 4,111,825.38</b>	
<b><u>Payroll Disbursements</u></b>			
Employee Paychecks	45079 - 45079	\$ 1,138.41	Interim Payroll - Voided Direct Deposit/Reissued a Check (08/02/10)
Employee Paychecks	45030 - 45090	106,887.10	Biweekly Payroll (08/11/10)*
Employee Paychecks	45091 - 45091	2,400.88	Interim Payroll - Payout, Emergency, Vacation (08/10/10)
Direct Deposit Statements	191664 - 192232	1,404,780.62	Biweekly Payroll (08/11/10)
<b>Total Payroll Disbursements</b>		<b>\$ 1,515,207.01</b>	
<b><u>Wire Transfer Payments</u></b>			
OCSD Payroll Taxes & Contributions		\$ 858,870.71	Biweekly Payroll (08/11/10)
J. F. Shea Construction, Inc.		1,350,392.10	Construction Progress Payment P2-90 (08/05/10)
Intercare Holdings Insurance Svcs., Inc.		19,977.78	Workers' Compensation Services (08/05/10)
<b>Total Wire Transfer Payments</b>		<b>\$ 2,229,240.59</b>	
<b>Total Claims Paid 08/01/10 - 08/15/10</b>		<b>\$ 7,856,272.98</b>	

\*Check numbers 45030-45079 were duplicate numbers.

**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
<b><u>Accounts Payable Warrants</u></b>			
A W Chesterton	32872	\$ 6,001.64	Repair & Maintenance Services and/or Supplies
A W Chesterton	33023	6,185.28	Repair & Maintenance Services and/or Supplies
ABEL Pumps, L.P.	33024	3,218.96	Repair & Maintenance Services and/or Supplies
Absolute Standards, Inc.	33025	111.00	Laboratory Services & Supplies
Acoustical Material Services	32873	1,809.43	Facilities, Maintenance, Services & Supplies
Adamson Industries	33026	334.73	Safety, Security, Health Equipment, Supplies, and Services
Advanced Infrastructure Technologies	33027	288.58	Mechanical Parts & Supplies
AECOM Technical Services, Inc.	33016	41,610.60	Professional Services/Engineering Design Services
Ago IndustriesDBA So-Cal Sweeping	32874	980.00	Street Sweeping Services
Air Liquide America Specialty Gases, L.L.C.	32875	65.10	Laboratory Services & Supplies
Airgas Safety, Inc.	32876	1,988.79	Safety, Security, Health Equipment, Supplies, and Services
Airgas Safety, Inc.	33028	11,354.65	Safety, Security, Health Equipment, Supplies, and Services
Airgas West	33029	2,470.69	Repair & Maintenance Services and/or Supplies
American Express	33017	37,153.82	Purchasing Card Program for Miscellaneous Parts and Supplies
Applied Industrial Technology	32877	147.38	Repair & Maintenance Services and/or Supplies
Arc Micro Optics	32878	3,480.00	Laboratory Services & Supplies
Archie Ivy, Inc.	32879	1,200.00	Facilities, Maintenance, Services & Supplies
Ashbrook Simon Hartley Operations, L.P.	32880	18,183.95	Repair & Maintenance Services and/or Supplies
AT & T Long Distance.	32882	24.89	Telecommunications
AT & T Universal Biller	32881	115.73	Telecommunications
Awards & Trophies Company	32883	666.01	Awards and Framing Services
Aztec Signal	33030	2,918.77	Electrical/Electronic Equipment, Parts & Repairs
Barragan Corp. International	33031	1,690.90	Professional Organizations Meeting/Training/Memberships
Basic Chemical Solutions, L.L.C.	244	3,479.46	Chemicals, Water/Wastewater Treatment
Battery Specialties	32884	285.01	Batteries, Various
Battery Systems, Inc.	33032	1,191.21	Repair & Maintenance Services and/or Supplies
Beach Wire and Cable	33033	814.49	Telecommunications
Belisle & Associates	32885	258.80	Professional Organizations Meeting/Training/Memberships
Blue Cross of California	32858	583,138.78	Employee Benefits
Bondlogistix L.L.C.	32886	2,250.00	Professional Financial Services
Borthwick, Guy, Thibault, Inc.	32887	2,066.25	Professional Services/Landscaping Project
Brian K. Reed	33011	132.00	Meeting/Training Expense Reimbursement
Brown & Caldwell	32859	119,052.58	Professional Services/Engineering Design Services
Burlington Safety Laboratory of CA, Inc.	33034	201.50	Safety, Security, Health Equipment, Supplies, and Services
Calif. Assn. of Workplace Investigators, Inc.	32888	385.00	Professional Organizations Meeting/Training/Memberships
California Barricade Rentals	32889	2,966.25	Miscellaneous Services
California Dept. of Child Support	33036	1,919.51	Judgments Payable
Callan Associates, Inc.	32890	4,108.33	Investment Advisory Services
Caltrol, Inc.	32891	1,903.13	Electrical/Electronic Equipment, Parts & Repairs
Caltrol, Inc.	33037	3,671.64	Electrical/Electronic Equipment, Parts & Repairs
Camp Dresser & McKee, Inc.	33038	5,234.97	Professional Services/Engineering Design Services
Caran Precision Engineering	33035	1,797.37	Reconciliation User Fee Refund Program
CDN Isotopes	33039	290.00	Laboratory Services & Supplies
CDW Government, Inc.	32892	9,028.69	Computers, Software/Hardware
CED Consolidated Elec. Distributors	32897	41.94	Electrical/Electronic Equipment, Parts & Repairs
Certified Truck Bodies	32893	4,623.70	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
CG Systems, Inc. dba CA Gate & Entry Sys.	32894	262.50	Facilities, Maintenance, Services & Supplies

**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Chapman University	33040	150.00	Professional Organizations Meeting/Training/Memberships
Charles P. Crowley Co.	33041	4,157.20	Repair & Maintenance Services and/or Supplies
City of Garden Grove	32895	301.28	Water Use
City of Garden Grove	33014	10.00	Water Use
City of Westminster	32896	542.18	Water Use
Clean Harbors Environmental Services	33042	6,089.58	Grit & Screenings; Hazard Waste Disposal
Commercial Transportation Services	33043	1,461.16	Professional Organizations Meeting/Training/Memberships
Compressor Components of California	33018	29,997.60	Repair & Maintenance Services and/or Supplies
Connell Chevrolet/GEO	33044	192.48	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Consumers Pipe & Supply Co.	32898	735.19	Repair & Maintenance Services and/or Supplies
Controlled Motion Solutions	33045	389.54	Repair & Maintenance Services and/or Supplies
Corporate Image Maintenance, Inc.	32899	345.00	Janitor & Household Service & Supplies
County of Orange	32900	1,589.00	Wage Garnishment
County of Orange Auditor Controller	33019	44,963.60	Governmental Agency Fees & Charges
County of Orange Auditor Controller	33046	3,140.00	Governmental Agency Fees & Charges
Court Order	33080	2,179.38	Judgments Payable
Court Order	33083	150.00	Judgments Payable
Court Order	33090	225.00	Judgments Payable
Court Order	33118	108.00	Judgments Payable
Court Order	33157	912.50	Judgments Payable
CR&R, Inc.	32901	945.00	Waste Disposal
Crane Control Systems, L.L.C.	33047	1,044.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Crane Veyor Corp.	32902	2,385.10	Repair & Maintenance Services and/or Supplies
Culligan of Orange County	32903	57.35	Repair & Maintenance Services and/or Supplies
Dapper Tire Co.	32904	5,135.14	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
David Wheeler Pest Control, Inc.	32905	1,320.00	Pest Control Services
David's Tree Service	32906	475.00	Groundskeeping
Delta Dental	32860	76,451.00	Employee Benefits
Denboer Engineering & Construction	33013	13,364.20	Construction
Desert Pumps & Parts, Inc.	32907	198.14	Repair & Maintenance Services and/or Supplies
Duro-Sense Corporation	32908	1,338.45	Electrical/Electronic Equipment, Parts & Repairs
Eagle Protection of California	32909	285.86	Safety, Security, Health Equipment, Supplies, and Services
Employee Benefits Specialists, Inc.	32910	836.00	Reimbursed Prepaid Employee Medical & Dependent Care
Employee Benefits Specialists, Inc.	33048	13,550.86	Reimbursed Prepaid Employee Medical & Dependent Care
EMSL Analytical, Inc.	33049	590.00	Safety, Security, Health Equipment, Supplies, and Services
Enchanter, Inc.	32911	5,320.00	Vessel Services - Monitoring Vessel Nerissa
Enertech Environmental	32861	569,572.39	Biosolids Management
Environmental Express, Inc.	33050	561.30	Laboratory Services & Supplies
Environmental Water Solutions, Inc.	33051	4,948.13	Repair & Maintenance Services and/or Supplies
Ernesto Castro	33008	190.00	Meeting/Training Expense Reimbursement
Ewing Irrigation	33052	300.36	Irrigation Repair & Maintenance Services and/or Supplies
Expert Infocad Corporation	32912	390.00	Computer Applications & Services
Express Lens Lab	33053	2,247.60	Safety, Security, Health Equipment, Supplies, and Services
Fedex Corporation	32913	26.79	Freight Services
Fedex Corporation	33054	69.48	Freight Services
Ferguson Waterworks	32914	55.03	Repair & Maintenance Services and/or Supplies
First American Corelogic	32915	618.67	Annual Subscription-Online Product Geographic Package
Fisher Scientific	33055	351.15	Laboratory Services & Supplies



**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Fleetmatics USA, Inc.	33056	152.08	Professional Services - Human Resources
Franklin Covey	32916	77.34	Office Supplies
Franklin Covey	33057	61.64	Office Supplies
Frasco Profiles	32917	305.00	Professional Services/Human Resources
Frys Electronics	32918	490.59	Computers, Software/Hardware
Frys Electronics	33058	35.86	Computers, Software/Hardware
Garratt Callahan Company	32919	4,952.73	Chemicals, Water/Wastewater Treatment
Gierlich-Mitchell, Inc.	33059	599.57	Repair & Maintenance Services and/or Supplies
Golden State Overnight Delivery Service	32920	177.79	Courier Services
Golden State Overnight Delivery Service	33060	48.96	Courier Services
Golden West Window Service	32921	3,035.00	Facilities, Maintenance, Services & Supplies
Golden West Window Service	33061	9,695.00	Facilities, Maintenance, Services & Supplies
Gordon A. Shanks	33163	12.00	Payroll Reconciliation
Grainger, Inc.	32922	4,841.21	Repair & Maintenance Services and/or Supplies
Grainger, Inc.	33062	3,182.36	Repair & Maintenance Services and/or Supplies
GTE.NET, L.L.C. (Verizon Online)	32998	360.98	Telecommunications
Guarantee Records Management	33063	605.22	Professional Services - Document Storage & Shredding
Hach Company	33064	943.02	Laboratory Services & Supplies
Harrington Industrial Plastics, Inc.	32923	4,328.34	Repair & Maintenance Services and/or Supplies
Hi Standard Automotive, L.L.C.	33065	821.22	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Home Depot	33066	1,587.36	Miscellaneous Parts and Supplies
Hydrotex	33067	1,444.77	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Igor Kim	33010	190.00	Meeting/Training Expense Reimbursement
Indiana Child Support Bureau	33068	290.00	Judgments Payable
Industrial Distribution Group	32924	429.93	Repair & Maintenance Services and/or Supplies
Industrial Distribution Group	33069	217.39	Repair & Maintenance Services and/or Supplies
Industrial Threaded Products, Inc.	32925	3,533.76	Repair & Maintenance Services and/or Supplies
Inorganic Ventures, Inc.	33070	348.75	Laboratory Services & Supplies
Inplant Sales, L.L.C.	32926	200.10	Repair & Maintenance Services and/or Supplies
Inside EPA	33071	320.00	On-line Subscription
Intercare Holdings Insurance Svcs., Inc.	33072	2,916.67	Workers' Compensation Service
Internal Revenue Service	33073	125.00	Judgments Payable
Intl. Union of Oper. Eng. AFL CIO Local 501	33074	4,664.02	Dues Deductions
Intratek Computer, Inc.	32927	1,734.10	Network & Server Maintenance
IPMC c/o Parsons	32862	1,176,125.00	Professional Services/Temporary Services
Ironman Parts & Services	32928	160.12	Repair & Maintenance Services and/or Supplies
Ironman Parts & Services	33075	127.37	Repair & Maintenance Services and/or Supplies
Irvine Ranch Water District	32929	9.21	Water Use
Irvine Ranch Water District	33076	51.01	Water Use
J F Shea Construction, Inc.	33077	6,473.15	Construction
JAC Printing and Graphics	33078	2,293.89	Printing/Reprographics Services
James C. Mullins	33159	884.55	Meeting/Training Expense Reimbursement
Jamison Engineering Contractors, Inc.	33079	380.00	Professional Services/Engineering Design Services
JCI Jones Chemicals, Inc.	241	85,340.42	Chemicals, Water/Wastewater Treatment
JCI Jones Chemicals, Inc.	245	57,428.16	Chemicals, Water/Wastewater Treatment
Jeff W. Woodward	33012	190.00	Meeting/Training Expense Reimbursement
John L. Hunter & Associates, Inc.	32930	1,900.00	Professional Services/FOG Inspections
Johnstone Supply	32931	431.40	Repair & Maintenance Services and/or Supplies

**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Kaiser Foundation Health Plan	32863	113,699.57	Employee Benefits
Kemira Water Solutions, Inc.	246	169,163.42	Chemicals, Water/Wastewater Treatment
Kemira Water Solutions, Inc.	242	54,191.15	Chemicals, Water/Wastewater Treatment
Kirk Key Interlock Company	32932	269.12	Electrical/Electronic Equipment, Parts & Repairs
L&N Image Apparel	32934	3,208.53	Safety, Security, Health Equipment, Supplies, and Services
L. Johnson Painting	32933	2,945.00	Painting Services and Supplies
L. Johnson Painting	33081	850.00	Painting Services and Supplies
LA CAD Corporation	33082	1,800.00	Professional Organizations Meeting/Training/Memberships
Larry R. Crandall	33162	1,127.83	Meeting/Training Expense Reimbursement
Lee & Ro, Inc.	32935	1,477.67	Professional Services/Engineering Design Services
LH Engineering Co.	32870	195,626.43	Construction
Liberty Mutual Claims	32936	5,475.27	Insurance
Lopez Consulting Group, L.L.C.	32937	12,800.00	Professional Services/I.T.
Los Angeles County	33084	2,177.50	Governmental Agency Fees & Charges
Malcolm Pirnie, Inc.	32864	174,307.32	Professional Services/Engineering Design Services
Mandic Motors	32938	60.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Mandic Motors	33085	350.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Matt Chlor, Inc.	33086	815.00	Repair & Maintenance Services and/or Supplies
Mc Fadden-Dale Hardware Co.	32939	316.59	Repair & Maintenance Services and/or Supplies
McGraw Hill, Inc.	33087	127.67	Books & Publications
McMaster-Carr Supply Co.	32940	820.39	Repair & Maintenance Services and/or Supplies
McMaster-Carr Supply Co.	33088	1,094.62	Repair & Maintenance Services and/or Supplies
Mesa Muffler	33089	430.62	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Mission Abrasive & Janitorial Supplies	32941	128.12	Janitorial & Household Services & Supplies
Motion Industries, Inc.	33091	1,644.44	Electrical/Electronic Equipment, Parts & Repairs
MRC Technologies, Inc.	32942	334.44	Flow Meter
MWH Americas, Inc.	32865	348,815.52	Professional Services/Engineering Design Services
NAGDCA	33092	730.00	Professional Organizations Meeting/Training/Membership
National Bond & Trust	33093	2,140.13	U.S. Savings Bonds Payroll Deductions
National Safety Council	33094	895.00	Professional Organizations Meeting/Training/Memberships
Neal Supply Co.	32943	884.65	Repair & Maintenance Services and/or Supplies
Neutron Products, Inc.	32944	6,048.68	Chemicals, Water/Wastewater Treatment
Norco Delivery	33095	453.56	Delivery Services
Norman A. Olsson Construction, Inc.	32871	101,011.50	Construction
Nth Generation Computing, Inc.	32945	20,242.35	Computer Applications & Services
O C Tanner Recognition Company	32946	2,338.08	Service Awards
OCB Reprographics	33096	2,327.72	Printing/Reprographics Services
OCEA	33097	682.00	Dues Deductible
Office Depot	32947	2,929.78	Office Supplies
Office Depot	33098	1,537.73	Office Supplies
Olin Corporation	32948	3,840.06	Chemicals, Water/Wastewater Treatment
Olin Corporation	33099	3,899.64	Chemicals, Water/Wastewater Treatment
OneSource Distributors, Inc.	32949	954.56	Electrical/Electronic Equipment, Parts & Repairs
OneSource Distributors, Inc.	33100	3,243.03	Electrical/Electronic Equipment, Parts & Repairs
Operatorstar	33101	10,500.00	Professional Organizations Meeting/Training/Memberships
Orange Community Bank	33007	11,223.50	Construction, Retention
Orange County Council of Governments	33102	5,000.00	Professional Organizations Meeting/Training/Memberships ion
Orange County Sanitation District	33015	1,663.04	Petty Cash Expense

**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Orange County United Way	33103	40.00	Employee Contributions
Orange Fluid System Technologies, Inc.	32972	365.57	Repair & Maintenance Services and/or Supplies
Oxygen Service Company	32950	2,223.46	Laboratory Services & Supplies
Oxygen Service Company	33104	650.04	Laboratory Services & Supplies
Pacific High Reach, Inc.	32951	1,018.25	Aerial Lift Rental
Pacific Investment Management	33020	116,258.18	Professional Financial Services
Pacific Mechanical Supply	33105	782.20	Repair & Maintenance Services and/or Supplies
Pacific Parts and Controls, Inc.	32952	2,962.39	Repair & Maintenance Services and/or Supplies
PAK-SHER	32953	32.06	Miscellaneous Supplies
Parker Supply Company	33106	87.04	Miscellaneous Parts and Supplies
Paul Ward	33161	250.00	Meeting/Training Expense Reimbursement
PC Mall Gov, Inc.	33107	8,114.39	Computers, Software/Hardware
Peace Officers Council of CA	33108	2,346.00	Dues Deductions, Supervisors & Professionals
Performance Pipeline Technologies	32954	18,572.06	Professional Services/CCTV Inspection
Performance Pipeline Technologies	33109	6,704.91	Professional Services/CCTV Inspection
Perkinelmer Labs	32955	234.44	Laboratory Services & Supplies
PL Hawn Company, Inc.	33110	2,253.30	Repair & Maintenance Services and/or Supplies
Planetbids, Inc.	32866	30,170.00	Computer Applications & Services
Polydyne, Inc.	243	34,181.84	Chemicals, Water/Wastewater Treatment
Praxair Distribution, Inc.	32956	92.86	Laboratory Services & Supplies
Primary Source Office Furnishings, Inc.	32957	1,738.92	Minor Equipment/Furniture & Fixtures
Primrose Ice Co., Inc.	32958	100.00	Water & Ice Services
Primrose Ice Co., Inc.	33111	100.00	Water & Ice Services
Priority Mailing Systems, L.L.C.	33112	673.24	Postage/Scale Machine - Maintenance/Software Update
Procare Work Injury Center	33113	195.00	Medical Surveillance Services
Process Equipment Company	32959	90.10	Repair & Maintenance Services and/or Supplies
Prudential Overall Supply	32960	4,442.40	Uniforms
Prudential Overall Supply	33114	3,007.98	Uniforms
Pulsar Process Measurement, Inc.	33115	4,112.55	Electrical/Electronic Equipment, Parts & Repairs
Putzmeister America, Inc.	32961	14,261.75	Repair & Maintenance Services and/or Supplies
Pyramid Fence Company, Inc.	32962	495.00	Facilities, Maintenance, Services & Supplies
Q Air - Calif. Div. Pump Engineering	32963	1,046.19	Repair & Maintenance Services and Supplies
Quickstart Intelligence	32964	523.50	Professional Organizations Meeting/Training/Memberships
Quinn Power Systems	32965	15,144.93	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Quinn Power Systems	33116	13,460.00	Repair & Maintenance Services and/or Supplies
Quynh D. Nguyen	33160	689.00	Meeting/Training Expense Reimbursement
R L Abbott & Associates	33117	1,000.00	Professional Services/Advocacy Efforts
Rae Systems, Inc.	33119	1,065.60	Electrical/Electronic Equipment, Parts & Repairs
Rainbow Disposal Co.	32966	3,384.29	Waste Disposal
Rainbow Nut & Bolt, Inc.	33120	180.80	Repair & Maintenance Services and/or Supplies
Rentacrate, L.L.C.	32967	240.79	Facilities, Maintenance, Services & Supplies
RMS Engineering & Design, Inc.	33121	1,400.00	Professional Services/Engineering Design Services
Rockwell Engineering & Equipment Co.	32968	723.40	Repair & Maintenance Services and/or Supplies
Roto Rooter NOC#11	32969	863.33	Repair & Maintenance Services and/or Supplies
Royale Cleaners	33122	311.30	Miscellaneous Services
Russell Sigler, Inc., Dba Sigler Wholesale	32970	87.00	Repair & Maintenance Services and/or Supplies
Safety-Kleen	32971	4,286.11	Repair & Maintenance Services and/or Supplies
Sancon Engineering, Inc.	32973	15,770.00	Repair & Maintenance Services and/or Supplies

**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Schwing Bioset	247	988.14	Repair & Maintenance Services and/or Supplies
SETAC	32974	380.00	Professional Organizations Meeting/Training/Membership
SETAC	33124	385.00	Professional Organizations Meeting/Training/Membership
Seton Name Plate	33125	1,659.26	Signage Supplies
Shamrock Supply Co., Inc.	32975	14,483.48	Repair & Maintenance Services and/or Supplies
Shamrock Supply Co., Inc.	33126	375.19	Repair & Maintenance Services and/or Supplies
Siemens Water Technologies Corp.	32976	1,297.22	Repair & Maintenance Services and/or Supplies
Siemens Water Technologies Corp.	33127	65.54	Repair & Maintenance Services and/or Supplies
Sign A Rama	33128	267.16	Freight Charges
SKC West, Inc.	32977	1,724.93	Laboratory Services & Supplies
SkillPath Seminars	32978	597.00	Professional Organization & Meeting/Training Registration
SMRP	33129	250.00	Professional Organizations Meeting/Training/Membership
So. Cal Gas Company	32979	1,889.75	Utilities
South Coast Air Quality Management Dist.	33130	861.52	Governmental Agency Fees & Charges
South Coast Environmental Co.	33123	10,828.72	Professional Services - Air Quality Monitoring
Southern California Edison	32867	472,484.57	Utilities
Sparklett-Dallas	32980	1,395.28	Miscellaneous Services
Sparkletts	33131	1,386.21	Miscellaneous Supplies
SPEX Certiprep, Inc.	33132	625.10	Laboratory Services & Supplies
Square D Co. dba Schneider Electric	33133	9,223.00	Electrical/Electronic Equipment, Parts & Repairs
Staples	33134	643.12	Office Supplies
Stericycle, Inc.	33135	141.90	Laboratory Services & Supplies
Stonefield Josephson, Inc.	33136	5,000.00	Professional Services - Taxes
Summit Steel	32981	282.75	Repair & Maintenance Services and/or Supplies
Summit Steel	33137	147.90	Repair & Maintenance Services and/or Supplies
Sunset Industrial Parts	33138	1,001.58	Repair & Maintenance Services and/or Supplies
T & C Industrial Controls, Inc.	33139	1,119.58	Computer Hardware & Software
Terra Renewal, L.L.C.	33021	40,213.80	Grit & Screenings Disposal
TestAmerica Ontario	32982	5,590.00	Laboratory Services & Supplies
Tetra Tech, Inc.	32983	2,746.06	Repair & Maintenance Services and/or Supplies
The Wackenhut Corporation	33001	7,753.28	Safety, Security, Health Equipment, Supplies, and Services
The Wackenhut Corporation	33154	2,999.32	Safety, Security, Health Equipment, Supplies, and Services
Thermo Fisher Scientific, L.L.C.	33140	1,248.45	Repair & Maintenance Services and/or Supplies
Thomas S. Hendy	33009	170.00	Meeting/Training Expense Reimbursement
Thompson Industrial Supply, Inc.	32984	7,857.90	Repair & Maintenance Services and/or Supplies
Thompson Industrial Supply, Inc.	33141	2,716.61	Repair & Maintenance Services and/or Supplies
Tiano Construction	32985	11,960.00	Facilities, Maintenance, Services & Supplies
Tom B. Meregillano	33158	795.60	Meeting/Training Expense Reimbursement
Tony's Lock & Safe Service & Sales	33142	13.70	Repair & Maintenance Services and/or Supplies
Tortuga Pool Service	32986	310.00	Facilities, Maintenance, Services & Supplies
Toshiba International Corp.	32987	353.86	Electrical/Electronic Equipment, Parts & Repairs
Traffic Control Service, Inc.	33143	88.84	Safety, Security, Health Equipment, Supplies, and Services
Tri-State Seminar On-the-River	33144	85.00	Professional Organizations Meeting/Training/Membership
Tropical Plaza Nursery, Inc.	32988	11,810.00	Landscape Maintenance Services
Truck & Auto Supply, Inc.	32989	30.49	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Truck & Auto Supply, Inc.	33145	675.69	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Tuff Skin	32990	400.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Tule Ranch/Magan Farms	32868	150,108.60	Biosolids Management

**Claims Paid From 08/16/10 to 08/31/10**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
UC Regents	33146	1,250.00	Professional Organizations Meeting/Training/Membership
Underground Service Alert of So. Calif	33147	1,483.50	Professional Services - Dig Alert Notification Service
United Parcel Service	32991	27.02	Freight Services
United Parcel Service	33148	1,112.39	Freight Services
United States Postal Service	32992	5,000.00	Postage
Universal Flooring Systems, Inc.	32993	411.00	Facilities, Maintenance, Services & Supplies
Universal Flooring Systems, Inc.	33149	4,070.00	Facilities, Maintenance, Services & Supplies
US Peroxide, L.L.C.	32994	7,974.99	Chemicals, Water/Wastewater Treatment
USA Mobility Wireless, Inc.	32995	563.13	Telecommunications
Valin Corporation	33150	717.60	Repair & Maintenance Services and/or Supplies
Vapex Products, Inc.	32996	2,954.08	Electrical/Electronic Equipment, Parts & Repairs
Verizon California	33151	49.85	Telecommunications
Verizon California	32997	1,670.93	Telecommunications
Verne's Plumbing	33152	2,497.50	Plumbing Services & Supplies
Voided Check	32869	-	-
Vortex Corp.	32999	6,967.30	Repair & Maintenance Services and/or Supplies
VWR Scientific Products	33000	4,448.44	Laboratory Services & Supplies
VWR Scientific Products	33153	2,648.44	Laboratory Services & Supplies
Wallachs, Inc.	33022	33,090.90	Repair & Maintenance Services and/or Supplies
Water Environment Federation	33155	571.00	Professional Organizations Meeting/Training/Memberships
West Lite Supply Company, Inc.	33002	107.38	Electrical/Electronic Equipment, Parts & Repairs
Wilkins Design and Manufacturing, Inc.	33003	646.77	Safety, Security, Health Equipment, Supplies, and Services
Xerox Corporation	33004	98.15	Computers, Software/Hardware & Managed Services
Xpedex Paper & Graphics (formerly Kirk)	33005	189.15	Office Supplies
Yale/Chase Materials Handling, Inc.	33156	1,213.18	Electrical/Electronic Equipment, & Electric Cart Parts & Repairs
YSI, Inc.	33006	117.32	Laboratory Services & Supplies
<b>Total Accounts Payable - Warrants</b>		<u>\$ 5,526,536.26</u>	
<b><u>Payroll Disbursements</u></b>			
Employee Paychecks	45092 - 45104	\$ 24,385.62	Interim Payroll - Voids, Reissues/Duplicate Check Sequences (08/17/10 - 08/18/10)
Employee Paychecks	45105 - 45150	101,820.23	Biweekly Payroll (08/25/10)
Employee Paychecks	45151 - 45152	41,129.61	Interim Payroll - Retirements, Final Check, Leave Payouts (08/26/10)
Direct Deposit Statements	192233 - 192790	1,406,902.55	Biweekly Payroll (08/25/10)
<b>Total Payroll Disbursements</b>		<u>\$ 1,574,238.01</u>	
<b><u>Wire Transfer Payments</u></b>			
OCSD Payroll Taxes & Contributions		\$ 1,229,800.97	Biweekly Payroll (08/25/10)
Kiewit Finance Group		4,562,683.00	Construction Progress Payment Re Job P1-102 (08/19/10)
<b>Total Wire Transfer Payments</b>		<u>\$ 5,792,483.97</u>	
<b>Total Claims Paid 08/16/10 - 08/31/10</b>		<u>\$ 12,893,258.24</u>	

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 09/01/10	To Bd. of Dir. 09/22/10
Item Number 2	Item Number 5

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
CIP Project Manager: Steve Schock

### GENERAL MANAGER'S RECOMMENDATION

Authorize the General Manager to negotiate Amendment No. 6 to the Professional Services Agreement with Camp Dresser & McKee, Inc. for additional design services for the Rehabilitation of Odor Control Facilities, Project No. J-71-8.

### SUMMARY

The Rehabilitation of Odor Control Facilities, Project No. J-71-8, includes improvements to the odor collection and treatment system at Orange County Sanitation District's (Sanitation District) Headworks and Primary Treatment areas at Plant No.1 to meet the level of service included in the Strategic Plan.

A Professional Services Agreement (PSA) was awarded to Camp Dresser & McKee, Inc. (CDM) in October 2003. CDM had completed the majority of the design work by December 2006. The Sanitation District deferred the bid and construction of this project in order to reduce budget expenditures, and in January 2007 requested CDM to suspend further work on this contract.

At this time, staff would like to restart this project and complete the design with some new activities and some design elements removed. The Consultant's scope will include restart activities, design validation, and the inclusion of updated California Building Codes and Sanitation District Design Guidelines.

### PRIOR COMMITTEE/BOARD ACTIONS

September 2006 – Approved Amendment No. 5 to Professional Services Agreement with CDM Inc. for \$109,668, increasing the total amount not to exceed \$5,028,372.

March 2006 – Approved Amendment No. 4 to Professional Services Agreement with CDM Inc. for \$327,172, increasing the total amount not to exceed \$4,918,704.

June 2005 – Approved Amendment No. 3 to Professional Services Agreement with CDM Inc. for \$370,651, increasing the total amount not to exceed \$4,591,532.

November 2004 – Approved Amendment No. 2 to Professional Services Agreement with CDM Inc. for \$645,674, increasing the total amount not to exceed \$4,220,881.

September 2004 – Approved Amendment No. 1 to Professional Services Agreement with CDM Inc. for \$377,685, increasing the total amount not to exceed \$3,575,207.

October 2003 – Awarded a Professional Services Agreement to CDM Inc., for a total amount not to exceed \$3,197,522.

### **ADDITIONAL INFORMATION**

The revised scope of work will complete the design for the Headworks Odor Scrubbers. This will include the following: updating the plans and specifications with respect to the new California Building Codes and the Sanitation District Design Guidelines; revisiting the expected radius of odor capture to confirm the design due to collection system air jumpers that were added; and initiating a sampling program to confirm the assumed odor concentrations are treatable with this design.

The revised scope of work will also include activities to remove primary treatment odor control system from the design package. This work will be finalized “as is” so that the work can be referenced and/or utilized at a future date. Staff has determined that the Primary Odor Scrubbers will be rehabilitated/replaced in Project No. P1-114.

### **CEQA**

This project was included in the 1999 Strategic Plan Program Environmental Impact Report prepared by ESA and certified on October 28, 1999. A Notice of Determination was filed on October 29, 1999. A Notice of Exemption was filed for this project on February 24, 2004.

### **BUDGET/DELEGATION OF AUTHORITY COMPLIANCE**

This request complies with authority levels of the Orange County Sanitation District’s Delegation of Authority. This item has been budgeted and the budget is sufficient for the recommended action. (FY 2010-11:Line Item Section 8, Page 11).

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
10/22/03	\$3,197,522	\$0 (0%)
09/22/04	\$3,575,207	\$0 (0%)
11/17/04	\$4,220,881	\$0 (0%)
06/22/05	\$4,591,532	\$0 (0%)
03/22/06	\$4,918,704	\$0 (0%)
09/27/06	\$5,028,372	\$0 (0%)

JH:SS:eh:gc:cb

<http://sharepoint/gm/board/Published Board Agenda Packages/05.J-71-8 Neg Amndmt.docx>

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 09/01/10	To Bd. of Dir. 09/22/10
Item Number 3	Item Number 6

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: Derek E. Davis

### GENERAL MANAGER'S RECOMMENDATION

1. Approve Plans and Specifications for the P2 Digester Gas Dryer Upgrades, Project No. FE07-20, on file at the office of the Clerk of the Board;
2. Approve Addenda Nos. 1 and 2 to the plans and specifications;
3. Receive and file bid tabulation and recommendation;
4. Award a construction contract to Minako American Corporation dba Minco Construction for P2 Digester Gas Dryer Upgrades, Project No. FE07-20, for an amount not to exceed \$897,000; and,
5. Approve a contingency of \$89,700 (10%).

### SUMMARY

P2 Digester Gas Dryer Upgrades, Project No. FE07-20, will replace digester gas dryers at the Central Generation Building at Plant No. 2. The work generally consists of replacing two water-cooled gas dryers with two skid-mounted, air-cooled, refrigerated-type gas dryers. The project work also includes installing new motor operated inlet and outlet valves, and remote control connections to the Treatment Plant Computer Control System.

The plans and specifications for P2 Digester Gas Dryer Upgrades, Project No. FE07-20, were completed in May 2010.

Two sealed bids were received on July 1, 2010. The Orange County Sanitation District (Sanitation District) Bid Evaluation Team determined that Minako American Corporation dba Minco Construction, is the lowest "Responsible and Responsive" bidder.

The Contractor's bid amount of \$897,000 exceeds the approved construction budget of \$600,000. The construction budget was based on the Engineer's Estimate of probable construction costs. Sanitation District staff investigated the discrepancy between the bid amount and the Engineer's Estimate. It was determined that the Engineer's



Estimate did not include provisions for stainless steel materials. Stainless steel is required in this application due to the corrosive environment in the gas compressor building. The project budget has been increased to accommodate the bid amount and contingency. The CIP budget is able to absorb this increase amount without budget amendments.

Sanitation District staff recommends awarding the contract to Minako American Corporation dba Minco Construction for \$897,000.

Summary information on the bid opening for P2 Digester Gas Dryer Upgrades, Project No. FE07-20, is as follows:

Project Budget	\$ 1,500,000
Construction Contract Budget (FE07-20)	\$ 900,000
Engineer's Construction Estimate	\$ 575,000
Lowest, Responsive, Responsible Bid	\$ 897,000
High Bid	\$ 1,097,477

**PRIOR COMMITTEE/BOARD ACTIONS**

N/A

**ADDITIONAL INFORMATION**

The contractor selection was conducted in accordance with the Sanitation District's adopted policies and procedures. The summary of bids is as follows:

<u>Bidder</u>	<u>Amount of Bid</u>
Minco Construction	\$ 897,000
S. S. Mechanical Corporation	\$1, 097,477

**CEQA**

A Notice of Exemption was filed for this project on May 5, 2008.

**BUDGET / DELEGATION OF AUTHORITY COMPLIANCE**

This request complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted (FY 2009-10 Budget Update: Line item 100, Page A-11, FE-P2) and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
09/22/10	\$897,000	\$89,700 (10%)

**ADMINISTRATION COMMITTEE**

**AGENDA REPORT**

Meeting Date 09/08/10	To Bd. of Dir. 09/22/10
Item Number 2	Item Number 8

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Lorenzo Tyner, Director of Finance and Administrative Services

**GENERAL MANAGER'S RECOMMENDATION**

Authorize the General Manager to issue Revenue Refunding Certificate Anticipation Notes, Series 2010B, as one-year fixed-rate obligations, in an amount not to exceed \$167.0 million to replace the \$165.9 million Refunding Certificate Anticipation Notes, Series 2009B maturing on December 1, 2010.

**SUMMARY**

In March 2006, the Sanitation District issued \$200 million of variable rate Certificates of Participation (COP), Series 2006 (2006 COPs). From inception through August 2008, the average variable rate on the 2006 COPs was 2.95% or 0.22% less than the SIFMA index (weekly market index of tax-exempt variable rate obligations). As the global financial crisis took hold in the late summer of 2008, there was a significant increase in the borrowing cost of the Sanitation District, including all municipal borrowers, as the 2006 COPs averaged 4.29% (or 1.56% above the SIFMA index) for the period between September 2008 and December 2008. A good deal of the increase in variable rate cost can be attributed to the weakened financial strength of the bank, DEPFA Bank plc, providing liquidity support on the 2006 COPs.

In December 2008, the Sanitation District proactively refunded the 2006 COPs with the Refunding COP Series 2008C Certificate Anticipation Notes (the 2008C CANs) to reduce its exposure to higher variable rate costs. The yield on the 2008C CANs was 0.98% for a one-year period. The issuance of the 2008C CANs allowed the Sanitation District to redeem the 2006 COPs at an all-in cost of less than 1.25% and avoid paying a bank rate of 4.75% which would have been effective starting in January 2009. As the 2008C CANs became due and payable in December 2009, the Sanitation District again conducted a refunding by issuing the \$165.9 million of Revenue Refunding Certificate Anticipation Notes, Series 2009B (the 2009B CANs). The yield on the 2009B CANs is 0.37% for the one-year period ending December 1, 2010 and the all-in cost is 0.56%.

The interest rate on the 2009B CANs was fixed for only one year and the entire \$165.9 million plus interest becomes due and payable on December 1, 2010. The Sanitation District is responsible for the repayment of \$169.2 million (includes interest) or the District could choose to refinance the 2009B CANs. Staff does not recommend the use of \$169.2 million of cash to repay the 2009B CANs; therefore, there are a number of refinancing options available to the District.

## PRIOR COMMITTEE/BOARD ACTIONS

October 2009: Board adopted Resolution No. OCSD 09-16, Authorizing the Execution and Delivery by the District of an Installment Purchase Agreement, a Trust Agreement, and a Continuing Disclosure Agreement in connection with the execution and delivery of Orange County Sanitation District Revenue Refunding Certificate Anticipation Notes, Series 2009B, such Notes Evidencing Principal in an Aggregate Amount of Not to Exceed \$181,000,000, Approving an Official Statement in Connection with the Offering and Sale of such Notes and Authorizing the Execution of Other Necessary Documents and Related Actions.

November 2008: Board adopted Resolution No. OCSD 08-22, Authorizing the Execution and Delivery by the District of an Installment Purchase Agreement, a Trust Agreement, an Escrow Agreement, a Note Purchase Agreement, and a Continuing Disclosure Agreement in connection with the execution and delivery of Orange County Sanitation District Refunding Certificates of Participation, Series 2008C (Certificate Anticipation Notes), such Notes Evidencing Principal in an Aggregate Amount of Not to Exceed \$198,000,000, Approving an Official Statement in Connection with the Offering and Sale of such Notes and Authorizing the Execution of Other Necessary Documents and Related Actions.

## ADDITIONAL INFORMATION

### Options Available to the Sanitation District

#### 1. Refund the Maturing 2009B CANs with Fixed Rate Debt

The issuance of long-term fixed rate refunding debt will eliminate market access risks (ability to issue debt to refinance maturing debt) and interest rate risk (additional costs if rates reset higher or are higher upon a future refinancing). After the issuance of fixed rate debt, the Sanitation District will not be exposed to changing market conditions.

The issuance of long-term fixed rate debt in the current market would result in an average borrowing yield of approximately 4.08%. Fixed rate debt would also remove the interest rate hedge originally desired by the Sanitation District (in 2006) which was intended to insulate the District from changes in short-term interest rates as the variable rates on the 2006 COPs would be expected to move in tandem with the District's fluctuating investment portfolio earnings.

The following is a current market cost summary (subject to changing market conditions) of Option 1 (Fixed Rate Debt) over the next year.

4.080%	Assumed Average Fixed Rate
0.019	Costs of Issuance (\$325,000 amortized over life of COPs)
0.050	Underwriter Costs (\$863,000 amortized over life of COPs)

**4.149%** Fixed Rate Cost

2. Refund the Maturing 2009B CANs with Variable Rate Debt

Current variable rates on California municipal debt are extremely low and attractive at approximately 0.20%. However, the availability of bank support continues to be limited and expensive in the current marketplace. In addition, the terms and conditions currently demanded by banks are more onerous than during the period prior to the global financial crisis.

The following is a current market cost comparison (subject to changing market conditions) versus Option 1 (Fixed Rate Debt) over the next year:

Variable%	Average Variable Rate
0.60	Bank Liquidity Fee
0.100	Remarketing Fee
0.022	Costs of Issuance (\$375,000 amortized over life of COPs)
0.012	Underwriter Costs (\$200,000 amortized over life of COPs)

**0.734% + Variable% or (3.415% less unknown variable rates) less than Option 1**

3. Refund the Maturing 2009B CANs with a New CANs issue

Since the issuance of the 2009B CANs, short-term interest rates have been relatively steady as the current market yield for CANs is approximately 0.32%. The issuance of refunding CANs will continue to allow the Sanitation District to accrue savings at a low fixed rate while further insulating the District from higher interest rates. The CANs structure will avoid the payment of high fees to liquidity banks and eliminate the risk of interest rates increasing from historic low levels over the next year. Although current variable rates are low (see Option 2. above), there is little room for rates to trend lower.

The following is a current market cost summary (subject to changing market conditions) of Option 3 (CANs) over the next year:

0.320%	Assumed One-Year Rate
0.191	Costs of Issuance (\$300,000 amortized over one year)
0.025	Underwriter Costs (\$39,000 amortized over one year)

**0.531% or 3.618% less than Option 1 (equal to \$5.7 million of savings)**

A comparison of the CANs refinancing structure to Option 2 above (Variable Rate Debt) shows that unknown variable rates must be less than zero for variable rate debt to generate a better economic result.

The major risk with a CANs structure occurs if the Sanitation District does not have market access to remarket the CANs at maturity. However, the Sanitation District has a substantial amount of reserves that could (if the Board chooses) be used to redeem CANs if market access is not available. Staff intends to build in safeguards to avoid the use of Sanitation District reserves unless absolutely necessary: for example, beginning the process of refinancing well in advance of the maturity date of the CANs.

To further reduce interest rate risk (additional costs if rates reset higher or are higher upon a future refinancing) the Sanitation District could establish an Accelerated Rate Management (ARM) program with the one-year CAN refinancing debt issuance. The ARM program uses accrued savings (i.e., 0.37% yield on 2009B CANs) compared to a fixed rate assumption (i.e., 2006 fixed rate of 4.54%) to reducing the outstanding amount of debt on a periodic basis. As less debt is outstanding, the Sanitation District significantly reduces its interest rate risk (if higher interest rates occur, the net effect is less because the higher interest cost is calculated on less principal). The implementation of the ARM program since the issuance of the 2006 COPs has decreased the interest rate risk to the Sanitation District as the break-even rate (the average future interest rate for the remaining debt from the 2006 COPs issuance) is now over 6.6%. If the Sanitation District refinances the 2009B CANs with one-year CANs and current market conditions do not change, the break-even rate will increase to over 7.3%. In addition, the original variable rate structure of the 2006 COPs and the two past CANs refinancings have saved the District \$15.7 million compared to the alternative of the District issuing fixed rate debt in 2006.

Staff is recommending Option 3, the refunding of the 2009B CANs with a new one-year CAN that will again enable the Sanitation District to lock-in a low rate for approximately one year without (a) encumbering cash reserves; (b) exposing the District to relatively high bank liquidity costs associated with variable rate debt; and, (c) allowing for flexibility to continue to accrue savings while insulating the District from higher interest rates. If the Sanitation District pursues Option 3, the refunding CANs can be sold on a competitive basis in order to obtain the lowest financing cost possible.

Staff and consultants will be available to make a brief presentation and provide an overview of the financing schedule at the Administration Committee meeting.

Following is a chart listing the remaining steps to be completed for the issuance of the Revenue Refunding Certificate Anticipation Notes, Series 2010B debt issuance:

<b>October</b>	Ø Board approval of legal and disclosure documents
	Ø Financing Corporation approval of legal and disclosure documents
	Ø Receive Ratings from Bond Rating Agencies
<b>November</b>	Ø Receive competitive bids
<b>December</b>	Ø Closing

**CEQA**

N/A

**BUDGET / DELEGATION OF AUTHORITY COMPLIANCE**

N/A

# ADMINISTRATION COMMITTEE

## AGENDA REPORT

Meeting Date 09/08/10	To Bd. of Dir. 09/22/10
Item Number 3	Item Number 9

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Lorenzo Tyner, Director of Finance and Administrative Services

### GENERAL MANAGER'S RECOMMENDATION

Authorize the General Manager to issue up to \$157 million in new fixed-rate Certificates of Participation (COP) debt, in one or more series.

### SUMMARY

Approval of the recommended action above will direct staff to begin the \$157 million fixed-rate competitive debt issuance process utilizing the assistance of the financial advisory firm of Public Resources Advisory Group, and the bond counsel firm of Fulbright & Jaworski. Depending on market conditions and the associated cost savings, all, or a portion, of the debt issuance may be offered as Build America Bonds (BABs).

In accordance with the Sanitation District's Board-adopted Debt Policy, the District will restrict long-term borrowing to capital improvements that cannot be financed from current revenue. This policy will assist in the leveling out of user fee rates over time and avoid any spiked increases in the short-term.

### PRIOR COMMITTEE/BOARD ACTIONS

March 10, 2010: Board approved the issuance of \$80 million of new Certificates of Participation (COP) debt within the FY 2009-10 Adopted Budget, in support of the Sanitation District's Strategic Plan capital improvement program.

### ADDITIONAL INFORMATION

#### Existing COP Financing Program

The Sanitation District currently has nine series of non-subordinate COPs outstanding comprising a total par amount of \$1.21 billion. The following table describes each COP in detail.

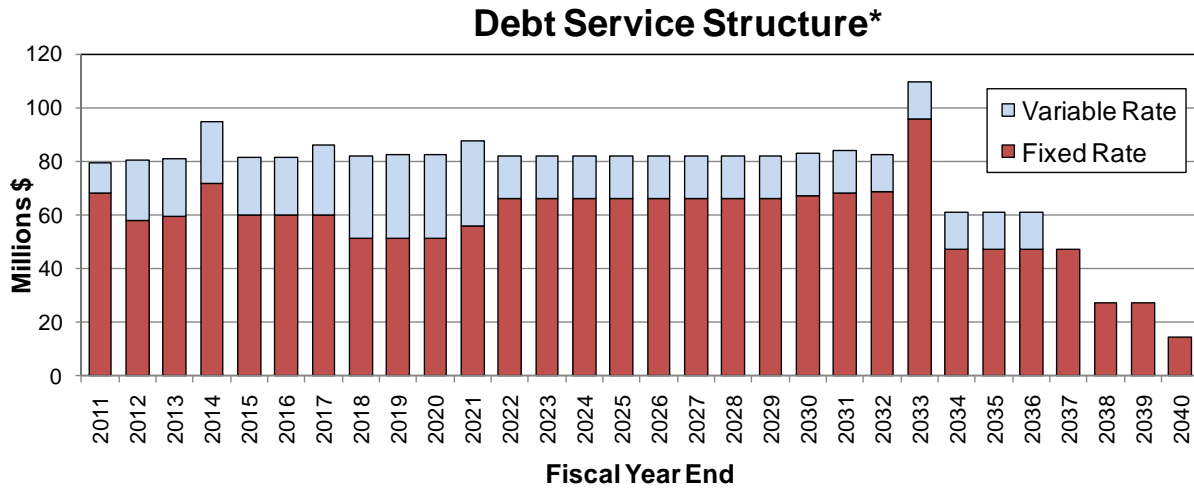
	<b>Outstanding Par Amount*</b>	<b>Interest Rate Mode</b>
Series 2010A <sup>(1)</sup>	\$ 80,000,000	Fixed Rate
Series 2009B Refunding <sup>(2)</sup>	165,865,000	Fixed Rate (one-year)
Series 2009A <sup>(1)</sup>	197,770,000	Fixed Rate
Series 2008B Refunding <sup>(3)</sup>	26,975,000	Fixed Rate
Series 2008A Refunding <sup>(3)</sup>	30,535,000	Fixed Rate
Series 2007B <sup>(1)</sup>	290,130,000	Fixed Rate
Series 2007A <sup>(4)</sup> Refunding	93,265,000	Fixed Rate
Series 2003 <sup>(1)</sup>	191,500,000	Fixed Rate
Series 2000 <sup>(5)</sup> Refunding	194,000,000	Daily Variable Rate
<b>Total</b>	<b>\$1,207,250,000</b>	

\*As of September 1, 2010.

- (1) New money debt issue.
- (2) Series 2009B are fixed one-year certificate of anticipation notes (CANS) that refunded the Series 2008C CANS that were issued to refund the remainder of Series 2006 Daily Variable Rate that were supported by a weak liquidity facility bank.
- (3) Series 2008B and Series 2008A refunded the Series 1993 and Series 1992 Synthetic Variable-to-Fixed Rate Debt issues that were supported by a failing insurance provider. Series 1993 and 1992 refunded the Series 1986 and a portion of the Series "B" COPs.
- (4) Series 2007A refunded a portion of COP Series 2003 for debt service savings.
- (5) Series 2000 COPs refunded the Series A, B, and C issued between 1990 and 1992.

The Series 2000 refunded the \$179.7 million outstanding principal balance of the 1990-92 Series A, B, and C COP's and reimbursed the Sanitation District for improvements made to the wastewater treatment system. The 2007A Refunding COPs were issued to refund \$95.1 million of the Series 2003 COPs. The Series 2008A refunded \$77.2 million of the Refunding Series 1992 and Series 2008B refunded \$27.8 million of the Refunding Series 1993. Both Refunding Series 1992 and 1993 synthetic variable-to-fixed rate issues had begun to demand high interest rate payments due to failing insurance providers. Series 2009B fixed one-year certificate of anticipation notes (CANS) were issued to refund the Series 2008C CANS. The Series 2008C CANS had been issued to refund the remaining \$176 million outstanding on Series 2006 Variable Rate Debt that also began to result in high interest rate payments, due to the weak liquidity facility bank that was supporting the issue. Series 2003, Series 2007B, Series 2009A, and Series 2010A were all new money debt issuances.

The following table displays the combined gross debt service cash flows for the District's nine COPs through final maturity in 2040.



\* Series 2009B one-year Certificate Anticipation Notes is assumed to be amortized from 2022 to 2036. All variable rate obligations are assumed to have a per annum interest rate of 3%.

### Proposed Debt Issuance

As shown above and in accordance with the Sanitation District's debt policy, the District currently has \$194 million in variable rate debt outstanding and \$1.076 billion in fixed rate debt outstanding (of which \$165.865 million are one-year CANs). However, due to the relatively high fees requested by bank liquidity providers, staff believes that this new money debt issue should be again issued as fixed rate COPs. Staff is also proposing to issue this \$157 million fixed-rate debt by competitive sale, in one or more series, as opposed to a negotiated sale due to PRAG's opinion that a competitive fixed-rate sale will be less costly to the Sanitation District.

The American Recovery and Reinvestment Act of 2009 created a new financing product, BABs, for the municipal issuer. BABs are issued as higher interest cost taxable bonds; however, the U.S. Treasury provides a 35 percent subsidy on interest payments. The net cost, after accounting for the 35 percent subsidy payment, frequently results in lower net costs to the issuer, specifically in the maturity years beyond ten years. Based on current market conditions, a hybrid tax-exempt and BABs sale (tax-exempt for the short maturities and BABs for the long maturities), would save the Sanitation District 0.88% in average interest cost, equal to approximately \$17.2 million on a present value base (or approximately 13.6% of the BABs par amount) which is well in excess of the savings the District would ever expect to achieve from a future refunding. If the Sanitation District would refund and restructure the BABs, it would be very costly; however, staff believes the future need to restructure the BABs is extremely remote. Effectively, by issuing BABs, the Sanitation District should consider to debt to be non-callable as it would otherwise be very expensive to optionally redeem.



Although a relatively new financial product, over \$124 billion of BABs have been sold by municipal issuers since the first issuance in March 2009. In addition, 25% of the municipal bond volume in 2010 has been issued as BABs, including the Sanitation District's \$80 million Series 2010A. A number of California issuers have already sold over a billion dollars of BABs, including the State of California, Los Angeles Unified School District, Bay Area Toll Authority, and University of California. California utility issuers that have issued BABs include The Metropolitan Water District of Southern California, Los Angeles Department of Water and Power, Sacramento County Sanitation Districts, San Diego County Water Authority, East Bay Municipal Utility District, and the San Francisco Public Utilities Commission.

**CEQA**

N/A

**BUDGET / DELEGATION OF AUTHORITY COMPLIANCE**

The FY 2010-11 Approved Budget included new money debt issuance of \$157 million.

JDR:LT:MW

# ADMINISTRATION COMMITTEE

## AGENDA REPORT

Meeting Date 09/08/10	To Bd. of Dir. 09/22/10
Item Number 4	Item Number 10

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Lorenzo Tyner, Director of Finance and Administrative Services

### GENERAL MANAGER'S RECOMMENDATION

Adopt Resolution No. OCSD 10-15, Declaration of Official Intent to reimburse certain of the District's Capital Reserve Funds for Expenditures Made in Advance for Fiscal Year 2010-11 Capital Improvement Projects From Proceeds of a Future Long-Term Financing.

### SUMMARY

Adoption of the "Reimbursement Resolution" will allow the Sanitation District to use proceeds from the anticipated future long-term borrowing of up to \$157 million to reimburse capital reserve funds which were used to fund District capital projects. A similar Resolution has been adopted in advance of previous "new money" debt issuances.

### PRIOR COMMITTEE/BOARD ACTIONS

March 2010: Board adopted Resolution No. OCSD 10-04, Declaration of Official Intent to Reimburse Certain of the District's existing capital reserve funds for expenditures made in advance for Fiscal Year 2009-10, and in anticipation of, capital improvement expenditures, from proceeds of a future long-term borrowing.

### ADDITIONAL INFORMATION

Under provisions of U.S. Treasury Regulation 1.150-2, local public agencies may use proceeds from long-term borrowings to reimburse those capital reserve funds which were advanced to fund preliminary expenditures, such as design, engineering and similar costs, for capital projects providing the public agency has declared its intent to do so prior to debt issuance.

As part of preparations for a new capital financing program to support the Facilities Master Plan adopted in December 2009, it is necessary to update the Sanitation District's intent to reimburse reserve funds. Adoption of the "Reimbursement Resolution" will ensure that the Sanitation District can include monies in upcoming borrowings to reimburse reserve funds for expenditures made in advance of available COP proceeds.

**CEQA**

N/A

**BUDGET / DELEGATION OF AUTHORITY COMPLIANCE**

N/A

**ATTACHMENTS**

1. Resolution No. OCSD 10-15
2. Exhibit A

JDR:LT:MW

RESOLUTION NO. OCSD 10-15

DECLARATION OF OFFICIAL INTENT TO REIMBURSE  
CERTAIN OF THE DISTRICT'S CAPITAL RESERVE FUNDS  
FOR EXPENDITURES MADE IN ADVANCE FOR FISCAL  
YEAR 2009-10 CAPITAL IMPROVEMENT PROJECTS FROM  
PROCEEDS OF A FUTURE LONG-TERM FINANCING

A RESOLUTION OF THE BOARD OF DIRECTORS OF ORANGE  
COUNTY SANITATION DISTRICT AUTHORIZING FUTURE  
CAPITAL EXPENDITURES TO BE REIMBURSED FROM  
FUTURE LONG-TERM FINANCING

WHEREAS, the Board of Directors, by adoption of Resolution No. 94-81 on July 13, 1994; Resolution No. 97-28 on July 30, 1997; Resolution No. OCSD 98-32 on July 1, 1998; Resolution No. OCSD 99-08 on June 23, 1999; Resolution No. OCSD 00-15 on July 19, 2000; Resolution No. OCSD 01-17 on August 22, 2001; Resolution No. OCSD 02-20 on October 23, 2002; Resolution No. OCSD 05-28 on December 21, 2005; Resolution No. OCSD 07-12 on June 27, 2007; Resolution No. OCSD 08-18 on October 22, 2008, and Resolution No. OCSD 10-04 on March 24, 2010 previously declared its official intent to reimburse its then existing capital reserve funds and accounts for certain expenditures made in advance of and in anticipation of issuing indebtedness for capital improvements to be acquired, constructed, or paid for, by or on behalf of the District during the Fiscal Year; and,

WHEREAS, the District ("Issuer") intends to acquire and/or construct, or otherwise improve, certain capital improvements during Fiscal Year 2010-11, and later, all as more particularly described on Exhibit "A," attached hereto and incorporated herein by reference (the "Project"); and,

WHEREAS, Issuer expects to pay certain expenditures (the "Reimbursement Expenditures") in connection with the Project prior to the issuance of indebtedness for the purpose of financing costs associated with the Project, on a long-term basis; and,

WHEREAS, the Issuer reasonably expects that the debt obligations, in an amount not to exceed \$157 million, will be issued, and that certain of the proceeds of such debt obligations will be used to reimburse the Issuer for Reimbursement Expenditures.

NOW, THEREFORE, the Board of Directors of Orange County Sanitation District,

DOES HEREBY RESOLVE, DETERMINE AND ORDER:

Section 1: That the Issuer finds and determines that the foregoing Recitals are true and correct.

Section 2: That this Declaration is made solely for purposes of establishing compliance with the requirements of Section 1.150-2 of the U.S. Treasury Regulations. This Resolution Declaration does not bind the Issuer to make any expenditure, incur any indebtedness, or proceed with the Project.

Section 3: That the Issuer hereby declares its official intent to use proceeds of indebtedness to reimburse itself for the Reimbursement Expenditures.

PASSED AND ADOPTED at a regular meeting of the Board of Directors held September 22, 2010.

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Chair

ATTEST:

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Clerk of the Board

**Exhibit A**  
**Orange County Sanitation District**  
**Capital Improvement Program**

**Summary of Capital Requirements – Collection System Improvement Projects**

	<b>Project Number</b>	<b>Project Phase 7/1/10</b>	<b>Total Project Budget</b>	<b>Est. Cost to Date 6/30/10</b>	<b>2010-11 Cashflow Budget</b>	<b>2011-12 Cashflow Budget</b>	<b>Future Budget</b>	<b>Page Number</b>
<b>Collections</b>								
Raitt and Bristol Street Sewer Extension	01-101	Planning	9,906,000	253,000			9,653,000	14
Santa Ana Trunk Sewer Rehab.	01-17	Planning	21,156,000	1,031,000	160,000	840,000	19,125,000	15
Santa Ana River Interceptor Realignment and Prot.	02-41	Design	11,404,000	8,686,000	744,000	956,000	1,018,000	16
Santa Ana River Interceptor (SARI) Inspection and Mitigation	02-41-7	Planning	900,000		500,000	200,000	200,000	17
Taft Branch Improvements	02-49	Planning	3,143,000	13,000			3,130,000	N/A
Newhope-Placentia Trunk Grade Separation Replacement	02-65	Planning	2,392,000	82,000		138,000	2,172,000	18
Fullerton-Brea Interceptor Sewer Relief	02-71	Planning	2,287,000			30,000	2,257,000	19
Newhope-Placentia Trunk Replacement	02-72	Planning	66,696,000				66,696,000	N/A
Yorba Linda Pumping Station Abandonment	02-73	Planning	9,566,000				9,566,000	N/A
Rehabilitation of the Westside Pump Station	03-52	Design	11,668,000	10,190,000	1,226,000	252,000		20
Westside Relief Interceptor Relief	03-55	Planning	26,482,000				26,482,000	N/A
Rehabilitation of Magnolia Trunk Sewer	03-58	Planning	26,721,000	2,526,000	17,723,000	3,448,000	3,024,000	21
Miller-Holder Trunk Sewer Relief	03-59	Planning	17,324,000				17,324,000	N/A
Beach Trunk/Knott Interceptor Sewer Relief	03-60	Planning	25,055,000				25,055,000	N/A
Miller-Holder and Knott Trunks Odor Control Project	03-61	Planning	1,795,000				1,795,000	N/A
Seal Beach Pumping Station Upgrade and Rehabilitation	03-62	Planning	14,023,000				14,023,000	N/A
Seal Beach Pumping Station Force Main Rehabilitation	03-63	Planning	11,032,000			152,000	10,880,000	N/A
Rehabilitation of 3-6, 3-8, and 3-21-1 Sewers	03-64	Planning	71,312,000				71,312,000	N/A
Balboa Trunk Sewer Rehabilitation	05-47	Planning	8,514,000	1,056,000	416,000	2,190,000	4,852,000	22
Replacement of the Bitter Point Pump Station	05-49	Design	32,084,000	14,287,000	11,840,000	3,882,000	2,075,000	23
Replacement of the Rocky Point Pump Station	05-50	Design	20,360,000	11,758,000	7,183,000	565,000	854,000	24
Bitter Point Force Main Rehabilitation	05-58	Design	25,883,000	23,366,000	1,539,000	978,000		25
Newport Force Main Condition Assessment	05-60	Planning	22,591,000	1,619,000	1,072,000	633,000	19,267,000	26
Bayside Drive Improvement	05-61	Planning	3,415,000	3,113,000	302,000			27
Dover Drive Trunk Sewer Relief	05-63	Planning	13,346,000	1,788,000	1,099,000	9,120,000	1,339,000	28
Lido Pumping Station Upgrade and Rehabilitation	05-65	Planning	1,515,000		13,000	114,000	1,388,000	29
Crystal Cove Pumping Station Upgrade and Rehabilitation	05-66	Planning	7,379,000				7,379,000	N/A
Bay Bridge Pumping Station Upgrade and Rehabilitation	05-67	Planning	46,852,000				46,852,000	N/A
District 6 Trunk Sewer Relief	06-17	Planning	5,126,000	6,000		48,000	5,072,000	30
Southwest Costa Mesa Trunk	06-19	Planning	13,309,000		94,000	491,000	12,724,000	31
Gisler-Redhill System Improvements, Reach B	07-37	Design	9,622,000	1,675,000	406,000	6,869,000	672,000	32
Rehabilitation of College Ave. Pump Station	07-47	Planning	11,445,000	11,162,000	283,000			33
Browning Subtrunk Sewer Relief	07-60	Planning	11,172,000				11,172,000	N/A
County Island Annexation and CEQA Documentation	07-61	Planning	300,000	259,000	41,000			34
Von Karman Trunk Sewer Relief	07-62	Planning	433,000				433,000	N/A
MacArthur Pumping Station Upgrade and Rehabilitation	07-63	Planning	7,028,000				7,028,000	N/A
Edinger/Bolsa Chica Trunk Improvements	11-25	Planning	6,030,000				6,030,000	N/A
Coast Trunk Sewer Rehabilitation	11-26	Design	9,121,000	9,110,000	11,000			35
Wintersburg Channel Siphon Protection Project	11-32	Planning	75,000		75,000			36
Edinger Pumping Station Upgrade and Rehabilitation	11-33	Planning	11,474,000				11,474,000	N/A
North County Collections Yard	15-04	Planning	12,270,000	6,950,000	4,709,000	16,000	595,000	37
Facilities Engineering Projects - Collections	FE-Collect	Planning	8,520,000	5,145,000	688,000	325,000	2,362,000	38
Replacement of the Ellis Ave. Pump Stn	I-10	Design	79,337,000	78,987,000	350,000			39
Siphon and Manhole Upgrade Feasibility Study	SP-138	Planning	300,000		150,000	150,000		40
<b>Total Collections Projects</b>			<b>700,363,000</b>	<b>193,062,000</b>	<b>50,624,000</b>	<b>31,397,000</b>	<b>425,280,000</b>	

**Exhibit A**  
**Orange County Sanitation District**  
**Capital Improvement Program**

**Summary of Capital Requirements – Treatment System Improvement Projects**

	Project Number	Project Phase 7/1/10	Total Project Budget	Est. Cost to Date 6/30/10	2010-11 Cashflow Budget	2011-12 Cashflow Budget	Future Budget	Page Number
<b>Headworks</b>								
Headworks Rehab. and Expansion at Plant No. 1	P1-105	Planning	43,404,000			485,000	42,919,000	N/A
Headworks Expansion	P1-120	Planning	222,804,000				222,804,000	N/A
Headworks Rehabilitation/Refurbishment	P1-71	Design	8,374,000	7,364,000	622,000	388,000		41
Headworks Improvements at Plant No. 2	P2-66	Const./Impl.	257,733,000	232,549,000	15,325,000	8,609,000	1,250,000	42
<b>Headworks Total</b>			<b>532,315,000</b>	<b>239,913,000</b>	<b>15,947,000</b>	<b>9,482,000</b>	<b>266,973,000</b>	
<b>Primary Treatment</b>								
Primary Clarifiers 6-31 Evaluation and Optimization Study	P1-116	Planning	150,000	92,000	58,000			43
Primary Effluent Pipeline Joint Repairs	P1-118	Planning	3,246,000				3,246,000	N/A
Primary Treatment Rehab/Refurb	P2-80	Planning	38,923,000	38,399,000	330,000	194,000		44
Primary Treatment Area Rehabilitation Study	SP-137	Planning	300,000		150,000	150,000		45
54-inch Primary Effluent Butterfly Valve Use Study	SP-144	Planning	25,000		25,000			46
<b>Primary Treatment Total</b>			<b>42,644,000</b>	<b>38,491,000</b>	<b>563,000</b>	<b>344,000</b>	<b>3,246,000</b>	
<b>Secondary Treatment</b>								
New Secondary Treatment System at Plant No. 1	P1-102	Design	260,300,000	222,158,000	32,461,000	5,681,000		47
Activated Sludge Plant No.1 Upgrades	P1-117	Planning	20,673,000				20,673,000	N/A
Activated Sludge Plant Rehabilitation	P1-82	Const./Impl.	46,761,000	46,438,000	323,000			48
Trickling Filters at Plant No. 2	P2-90	Design	223,238,000	197,943,000	19,551,000	233,000	5,511,000	49
Oxygen Plant Rehabilitation at Plant No. 2	SP-129	Planning	2,500,000	92,000	458,000	1,562,000	388,000	50
<b>Secondary Treatment Total</b>			<b>553,472,000</b>	<b>466,631,000</b>	<b>52,793,000</b>	<b>7,476,000</b>	<b>26,572,000</b>	
<b>Solids Handling &amp; Digestion</b>								
Sludge Digester Rehabilitation at Plant 1	P1-100	Design	55,515,000	7,985,000	15,477,000	18,314,000	13,739,000	51
Sludge Dewatering and Odor control at Plant 1	P1-101	Design	143,549,000	13,880,000	5,529,000	6,397,000	117,743,000	52
Digester Ferric Chloride System Rehabilitation	P2-105	Planning	2,627,000	35,000	207,000	462,000	1,923,000	53
Demolition of Digesters A and B	P2-110	Planning	4,756,000				4,756,000	N/A
Solids Storage Silo Rehabilitation	P2-114	Planning	37,604,000				37,604,000	N/A
Solids Thickening and Processing Upgrades	P2-89	Planning	61,135,000	5,082,000	3,425,000	1,919,000	50,709,000	54
Plant No. 2 Primary Sludge Feed System Project	P2-91	Const./Impl.	26,524,000	25,943,000	244,000	337,000		55
Digester Rehabilitation at Plant No. 2	P2-91-1	Planning	45,637,000	116,000	1,127,000	444,000	43,950,000	56
Sludge Dewatering and Odor Control at Plant 2	P2-92	Planning	63,183,000	75,000	259,000	570,000	62,279,000	57
Replacement of Drying Beds and Truck Wash at Plant	P2-97	Planning	4,443,000	71,000		277,000	4,095,000	58
Food Waste Collection and Treatment Study	SP-171	Planning	100,000				100,000	N/A
Digesters 5 and 6 Conversion and Use Study	SP-172	Planning	100,000				100,000	N/A
<b>Solids Handling &amp; Digestion Total</b>			<b>445,173,000</b>	<b>53,187,000</b>	<b>26,268,000</b>	<b>28,720,000</b>	<b>336,998,000</b>	

**Exhibit A**  
**Orange County Sanitation District**  
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**Summary of Capital Requirements –Treatment System Improvement Projects**

Project Number	Project Phase 7/1/10	Total Project Budget	Est. Cost to Date 6/30/10	20010-11 Cashflow Budget	2011-12 Cashflow Budget	Future Budget	Page Number	
<b>Ocean Outfall Systems</b>								
Final Effluent Sampler and Building Area Upgrades	J-110	Planning	2,661,000	52,000	78,000	331,000	2,200,000	59
Outfall Land Section and OOBs Piping Rehabilitation	J-112	Const./Impl.	7,540,000	521,000	1,499,000	1,043,000	4,477,000	60
Outfall Piping Rehabilitation Program Study	J-113	Planning	370,000	36,000	80,000	80,000	174,000	61
Ocean Outfall Booster Station Rehabilitation (Electrical)	J-114	Planning	13,059,000	60,000			12,999,000	N/A
66-inch Interplant Effluent Pipeline Rehabilitation	J-116	Planning	62,052,000				62,052,000	N/A
Ocean Outfall Booster Station Rehabilitation (Mechanical)	J-117	Planning	4,559,000				4,559,000	62
Outfall Beach Box Rehabilitation Evaluation	J-119	Planning	330,000	50,000	280,000			63
Ocean Outfall Easement Renewal	SP-143	Planning	25,000		25,000			64
Outfall Pumping Cooling Water Bypass Study	SP-154	Planning	25,000			25,000		N/A
Alternative Effluent Disinfection Study	SP-156	Planning	100,000				100,000	N/A
Santa Ana River Flap Gates Access Study	SP-159	Planning	50,000				50,000	N/A
Interplant Effluent Pipeline Alternate Use Study	SP-164	Planning	10,000				10,000	N/A
<b>Ocean Outfall Systems Total</b>			<b>90,781,000</b>	<b>719,000</b>	<b>1,962,000</b>	<b>1,479,000</b>	<b>86,621,000</b>	
<b>Utility Systems</b>								
Interplant Gas Line Rehabilitation	J-106	Design	4,504,000	863,000	3,227,000	147,000	267,000	65
Cengen Cooling Water System Replacement	J-109	Planning	10,023,000	1,061,000	1,093,000	2,739,000	5,130,000	66
Cengen Emissions Control Project	J-111	Planning	30,279,000			2,381,000	27,898,000	67
UPS System Upgrades	J-121	Planning	13,012,000				13,012,000	N/A
Air Quality Improvements	J-79	Const./Impl.	11,668,000	10,385,000	1,114,000	169,000		68
Central Generation Automation	J-79-1	Design	21,049,000	16,353,000	3,818,000	79,000	799,000	69
Electrical Power Distribution System Improvements	J-98	Planning	9,773,000				9,773,000	N/A
Power Building 3A Backup Power Reliability Project	P1-111	Planning	502,000	80,000	35,000	64,000	323,000	70
Plant Water System Rehabilitation at Plant No.1	P1-112	Planning	3,344,000	32,000	210,000	138,000	2,964,000	71
Flare Addition	P1-119	Planning	2,083,000				2,083,000	N/A
Gas Compressor Upgrades	P1-121	Planning	27,181,000				27,181,000	N/A
Plant 1 66kV Substation	P1-97	Design	15,153,000	15,151,000	2,000			72
Plant Water System Rehabilitation at Plant No.2	P2-101	Planning	3,659,000	34,000	232,000	294,000	3,099,000	73
Additional High Pressure Flare	P2-103	Planning	1,993,000				1,993,000	74
15 kV Upgrades at Plant No. 2	P2-108	Planning	3,238,000		11,000	394,000	2,833,000	75
Gas Compressor Upgrades	P2-109	Planning	22,362,000				22,362,000	N/A
SCE Feed Reliability Improvements	P2-111	Planning	22,490,000				22,490,000	N/A
Energy Load Management and Shedding System	P2-112	Planning	16,517,000				16,517,000	N/A
Gas Holder Demolition	P2-113	Planning	1,026,000				1,026,000	N/A
Secondary Area Cable Tray Upgrades	P2-116	Planning	2,154,000				2,154,000	N/A
Headworks Area Cable Tray Upgrades	P2-117	Planning	3,015,000				3,015,000	N/A
Fuel Cell Feasibility Study	SP-132	Planning	100,000	35,000	65,000			76
Fuel Cell Hydrogen Gas Generation Research	SP-134	Planning	600,000	360,000	240,000			77



**Exhibit A**  
**Orange County Sanitation District**  
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**Summary of Capital Requirements –Treatment System Improvement Projects**

	Project Number	Project Phase 7/1/10	Total Project Budget	Est. Cost to Date 6/30/10	2010-11 Cashflow Budget	2011-12 Cashflow Budget	Future Budget	Page Number
<b>Utility Systems Projects (Continued.)</b>								
Digester Gas Facilities Assessment	SP-141	Planning	100,000		50,000	50,000		78
Utility Water Systems Study	SP-146	Planning	475,000			200,000	275,000	N/A
Plant Air System Master Plan	SP-148	Planning	220,000			100,000	120,000	N/A
Electrical System Base Map	SP-149	Planning	220,000			100,000	120,000	N/A
Uninterruptible Power System (UPS) Study	SP-150	Planning	100,000			50,000	50,000	N/A
Sidestream Pumping System and Water Characterization Study	SP-155	Planning	170,000				170,000	N/A
Standby Power Generation Study	SP-158	Planning	100,000				100,000	N/A
Communication Radio System Replacement	SP-165	Planning	900,000		900,000			79
Power Outage Recovery Plan	SP-170	Planning	100,000				100,000	N/A
Potable Water Quality Study	SP-175	Planning	25,000				25,000	N/A
<b>Utility Systems Total</b>			<b>228,135,000</b>	<b>44,394,359</b>	<b>10,997,000</b>	<b>6,905,000</b>	<b>165,879,000</b>	
<b>Odor Control Related Projects</b>								
Coyote Hills Golf Course Odor Control Station	02-74	Planning	8,365,000				8,365,000	N/A
Rehabilitation of Odor Control Facilities	J-71-8	Design	44,124,000	7,018,000	913,000	6,783,000	29,410,000	80
Trickling Filter Odor Control at Plant No. 1	P1-113	Planning	5,182,000		337,000	628,000	4,217,000	81
Primary Scrubber Rehabilitation at Plant No.1	P1-114	Planning	41,732,000				41,732,000	N/A
Solids Storage Building Odor Control Project	P2-102	Planning	10,720,000		152,000	816,000	9,752,000	82
Chemical Scrubber Conversions and Piping System Improvements	P2-106	Const./Impl.	3,261,000	100,000	625,000	2,032,000	504,000	83
Primary Treatment Odor Control Upgrades	P2-98	Planning	35,691,000			2,844,000	32,847,000	84
Wastehauler Odor Control	SP-140	Planning	100,000		50,000	50,000		85
Odor Control Master Plan	SP-166	Planning	2,400,000				2,400,000	N/A
<b>Odor Control Related Projects Total</b>			<b>151,575,000</b>	<b>7,118,000</b>	<b>2,077,000</b>	<b>13,153,000</b>	<b>129,227,000</b>	
<b>Process Related Special Projects</b>								
Plant O&M Manual & SOP Project - Phase I	SP-53	Planning	3,750,000	2,455,000	1,295,000			86
Corrosion Management	SP-68-1	Design	4,667,000	3,183,000	1,366,000	118,000		87
Special Projects: Biotrickling Filter (BTF)	SP-90-7	Const./Impl.	29,000	5,000	12,000	12,000		88
<b>Process Related Special Projects Total</b>			<b>8,446,000</b>	<b>5,643,000</b>	<b>2,673,000</b>	<b>130,000</b>	<b>-</b>	
<b>Plant Automation &amp; Computerization</b>								
Power Monitoring and Control Systems	J-33-3	Planning	12,013,000	2,852,000	943,000	5,382,000	2,836,000	89
Strategic Information Architecture (SIA)	SP-03	Const./Impl.	1,995,000	730,000	250,000	250,000	765,000	90
Internet/Intranet Development	SP-09	Const./Impl.	650,000	345,000	60,000	60,000	185,000	91
CMMS System Replacement	SP-100	Const./Impl.	3,789,000	1,391,000	1,242,000	1,156,000		92
PDS2D Software Replacement	SP-103	Planning	250,000		50,000	50,000	150,000	93
Geographic Information System	SP-15	Const./Impl.	4,047,000	827,000	690,000	690,000	1,840,000	94
Process SCADA Modbus Ethernet Redundancy	SP-160	Planning	1,055,000				1,055,000	N/A
VAX Server Migration to Modbus Ethernet	SP-161	Planning	1,146,000				1,146,000	N/A
Network Equipment Upgrade	SP-89	Const./Impl.	1,157,000	255,000	622,000	140,000	140,000	95
<b>Plant Automation &amp; Computerization Total</b>			<b>26,102,000</b>	<b>6,400,000</b>	<b>3,857,000</b>	<b>7,728,000</b>	<b>8,117,000</b>	

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**Orange County Sanitation District**  
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**Summary of Capital Requirements –Treatment System Improvement Projects**

Project Number	Project Phase 7/1/10	Total Project Budget	Est. Cost to Date 6/30/10	2010-11 Cashflow Budget	2011-12 Cashflow Budget	Future Budget	Page Number
<b>Miscellaneous &amp; Support Projects</b>							
Facilities Engineering Projects - Joint	FE-J	Planning	23,910,000	3,844,000	1,310,000	1,290,000	17,466,000 96
Facilities Engineering Projects - Plant 1	FE-P1	Planning	20,910,000	10,429,000	1,135,000	1,127,000	8,219,000 97
Facilities Engineering Projects - Plant 2	FE-P2	Planning	20,910,000	7,032,000	788,000	757,000	12,333,000 98
Temporary Upgrades To Plant Security Barriers	J-108	Planning	2,385,000	993,000	1,092,000	108,000	192,000 99
Emergency Operation Center	J-115	Planning	100,000				100,000 100
Contracts and Purchasing Building Extension	J-118	Planning	3,589,000				3,589,000 101
Operations Center Entrance/Building Repairs	J-122	Planning	2,325,000		450,000	1,150,000	725,000 102
Title 24 Access Compliance Improvements at Plant No. 1	P1-115	Planning	10,000,000	42,000	268,000	1,085,000	8,605,000 103
Plant No. 2 Landscaping Project	P2-96	Planning	545,000	90,000	255,000	200,000	104
Integrated Security Access Control System	SP-128	Planning	450,000		90,000	90,000	270,000 105
2009 NPDES Permit Renewal	SP-133	Planning	150,000	100,000	50,000		106
Software and Computer Equipment Replacement Project	SP-135	Const./Impl.	2,700,000	50,000	270,000	270,000	2,110,000 107
Land Records Information System	SP-136	Planning	410,000	20,000	195,000	195,000	108
Roof Condition Assessment and Rehabilitation Study	SP-142	Planning	75,000		39,000	36,000	109
Facility Assets Assessment	SP-145	Planning	5,000,000		500,000	1,500,000	3,000,000 110
Administrative Facilities Master Plan	SP-147	Planning	250,000		50,000	100,000	100,000 111
Laboratory Water Piping Replacement	SP-153	Planning	1,005,000		13,000	112,000	880,000 112
Stormwater Master Plan	SP-167	Planning	300,000				300,000 N/A
Small Cap. Equip. Replacement Project	SP-34	Const./Impl.	11,700,000	1,500,000	1,700,000	1,700,000	6,800,000 113
Asset Management Program	SP-68-2	Design	4,800,000	2,683,000	370,000	363,000	1,384,000 114
Warehouse Reinvention Project	SP-77	Const./Impl.	600,000	532,000	68,000		115
<b>Miscellaneous &amp; Support Projects Total</b>			<b>112,114,000</b>	<b>27,315,000</b>	<b>8,643,000</b>	<b>10,083,000</b>	<b>66,073,000</b>
<b>Water Management Projects</b>							
Initial Expansion of the Groundwater Replenishment System	SP-139	Design	300,000		100,000	100,000	100,000 116
Effluent Reuse Study	SP-173	Planning	60,000				60,000 N/A
<b>Water Management Projects Total</b>			<b>360,000</b>	<b>-</b>	<b>100,000</b>	<b>100,000</b>	<b>160,000</b>
<b>Strategic &amp; Master Planning</b>							
Orange County Biosolids Production Siting Study	SP-105	Planning	400,000	136,000	264,000		117
Uniform Level of Service Standards	SP-151	Planning	80,000			40,000	40,000 N/A
Climate Change Impact Study	SP-152	Planning	100,000			50,000	50,000 N/A
Plant No. 2 Soil Liquefaction Study	SP-177	Planning	250,000				250,000 N/A
<b>Strategic &amp; Master Planning Total</b>			<b>830,000</b>	<b>136,000</b>	<b>264,000</b>	<b>90,000</b>	<b>340,000</b>

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**Summary of Capital Requirements –Treatment System Improvement Projects**

	Project Number	Project Phase 7/1/10	Total Project Budget	Est. Cost to Date 6/30/10	2010-11 Cashflow Budget	2011-12 Cashflow Budget	Future Budget	Page Number
<b>Research &amp; Development</b>								
Process SCADA Replacement	J-120	Planning	20,283,000				20,283,000	N/A
Process SCADA Network Upgrades	P2-107	Planning	8,697,000				8,697,000	N/A
USBR Brine Management Grant Project	SP-116	Planning	315,000	130,000	55,000	130,000		118
Research Strategic Plan	SP-120	Planning	365,000	308,000	20,000	18,000	19,000	119
Superoxygenation of Primary Influent	SP-121	Planning	850,000	360,000	245,000	245,000		120
Operational Research Projects (annual allocation)	SP-125	Planning	10,040,000	250,000	1,000,000	1,000,000	7,790,000	121
Process SCADA Link to Pump Stations	SP-157	Planning	100,000				100,000	N/A
North County Yard Information Continuity	SP-162	Planning	666,000				666,000	N/A
Data Storage Addition	SP-163	Planning	444,000				444,000	N/A
Treatment Plant Hydraulic Assessment	SP-168	Planning	300,000				300,000	N/A
Information Systems Upgrades and Replacements	SP-169	Planning	12,510,000				12,510,000	N/A
Information Technology Data Center Replacement	SP-174	Planning	2,566,000				2,566,000	N/A
Information Technology Workroom Replacement	SP-176	Planning	180,000				180,000	N/A
<b>Research &amp; Development Projects Total</b>			<b>57,316,000</b>	<b>1,048,000</b>	<b>1,320,000</b>	<b>1,393,000</b>	<b>53,555,000</b>	
<b>Total Treatment and Disposal Projects</b>			<b>2,249,263,000</b>	<b>890,995,359</b>	<b>127,464,000</b>	<b>87,083,000</b>	<b>1,143,761,000</b>	
<b>Capital Equipment Purchases</b>			<b>16,000,000</b>	<b>1,000,000</b>	<b>1,548,000</b>	<b>1,442,400</b>	<b>12,009,600</b>	
<b>Total Collection, Treatment and Disposal Projects</b>			<b>\$ 2,965,626,000</b>	<b>\$ 1,085,057,359</b>	<b>\$ 179,636,000</b>	<b>\$ 119,922,400</b>	<b>\$ 1,581,050,600</b>	