

**AGENDA**

**BOARD OF DIRECTORS  
ORANGE COUNTY SANITATION DISTRICT**

**DISTRICT'S ADMINISTRATIVE OFFICES  
10844 ELLIS AVENUE  
FOUNTAIN VALLEY, CA 92708**

**REGULAR MEETING**

**July 18, 2007 – 6:30 P.M.**

1. Invocation and Pledge of Allegiance (Irvine – Director Steven Choi)
2. Roll Call
3. Consideration of motion to receive and file minute excerpts of member agencies relating to appointment of Directors, if any.
4. Appointment of Chair pro tem, if necessary
5. Public Comments
6. The Chair, General Manager and General Counsel 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.
  - a. Report of Chair; consideration of Resolutions or recommendations, presentations and awards
  - b. Report of General Manager
  - c. Report of General Counsel
7. Ratifying payment of claims of the District, by roll call vote, as follows:

<u>ALL DISTRICTS</u>	<u>06/15/07</u>	<u>06/30/07</u>
Totals	\$10,112,903.44	\$18,164,639.41

**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**

8. Consideration of motion to approve all agenda items appearing on the Consent Calendar not specifically removed from same, as follows:
  - a. Order the minutes for the regular meeting held on June 27, 2007, to be filed and deemed approved, as mailed.
  - b. Adopt Resolution No. OCSD 07-16, Amending Resolution No. OCSD 98-33, amending Human Resources Policies and Procedures Manual.
  - c. Adopt Resolution No. OCSD 07-17, Authorizing the District's Treasurer to Invest and/or Reinvest District's Funds; Adopting District's Investment Policy Statement and Performance Benchmarks for FY 2007-08; and Repealing Resolution No. OCSD 06-17.

### **END OF CONSENT CALENDAR**

- d. Consideration of items deleted from Consent Calendar, if any.

### **COMMITTEE REPORTS AND RECOMMENDED ACTIONS**

#### 9. **STEERING COMMITTEE**

##### **Consent Calendar**

- a. Order draft Steering Committee Minutes for the meeting held on June 27, 2007, to be filed.

##### **Non-Consent Calendar**

- b. Consideration of items deleted from Consent Calendar, if any.

#### 10. **OPERATIONS COMMITTEE** **(Engineering, Operations & Maintenance, and Technical Services)**

##### **Consent Calendar**

- a. Order Operations Committee Minutes for the regular meeting held on July 12, 2007, to be filed. (*Minutes for 07/12/07 meeting will be distributed at 07/18/07 Board Meeting.*)
- b. Approve a 3% contingency (\$56,838) for amendments to the Professional Design Services Agreement with Black and Veatch Corporation to prepare an Energy Master Plan for the Treatment Plant Strategic Plan Update, Job No. J-102.

- c. Approve a budget increase of \$350,000 for a total project budget of \$4,961,000 for the Realignment and Rehabilitation of Big Canyon Offsite Trunk Sewer, Contract No. 5-62.
- d.
  - 1) Approve Amendment No. 1 to the Professional Design Services Agreement with The Austin Company providing for additional design services for Laboratory Refurbishment at Plant No. 1, Job No. J-97, for an additional amount of \$32,900, increasing the total amount not to exceed \$155,300; and,
  - 2) Approve a 5% contingency for amendments to said agreement (\$7,765).
- e. Approve Amendment No. 1 to Cooperative Projects Grant Program Contract No. 0501 with the City of Huntington Beach, providing for a ten-month time extension with no additional funding.
- f.
  - 1) Approve Amendment No. 2 to the Professional Services Agreement with Dudek & Associates, Inc. providing for construction support services for Rehabilitation of District Siphons, Contract No. 2-68, for an additional amount of \$310,088, increasing the total contract amount not to exceed \$1,461,244; and,
  - 2) Approve a 4% contingency for amendments to said agreement (\$58,450).
- g.
  - 1) Approve a budget increase of \$800,000 to the budget for Central Generation Automation, Job No. J-79-1, for a total budget of \$18,755,180; and,
  - 2) Approve the plans and specifications for Central Generation Automation, Job No. J-79-1, on file at the office of the Clerk of the Board.
- h.
  - 1) Approve a Professional Services Consultant Agreement with Carollo Engineers for the development of a five-year Research Strategic Plan, Specification No. CS-2006-315, for an amount of \$257,826; and,
  - 2) approve a 15% contingency (\$38,674).
- i. Approve the Sewer System Management Plan (SSMP) Development Plan and Schedule document as required by the State Water Resources Control Board Waste Discharge Requirements Order No. 2006-0003-DWQ, issued on May 2, 2006.

#### Non-Consent Calendar

- j. Consideration of items deleted from Operations Committee Consent Calendar, if any.

11. GWR SYSTEM STEERING COMMITTEE (GWRSSC)

GWRSSC Consent Calendar

- a. Order Joint Groundwater Replenishment System Steering Committee Minutes for the meeting held on June 11, 2007, to be filed.

GWRSSC Non-Consent Calendar

- b. Consideration of items deleted from GWRSSC Consent Calendar, if any.

**NON-CONSENT CALENDAR**

12. 1) Approve Plans and Specifications for 66kV Substation at Plant No. 1, Job No. P1-97;  
2) Approve Addendum No. 1 to the plans and specifications;  
3) Receive and file bid tabulation and recommendation;  
4) Award a contract to Miron Electric for 66kV Substation at Plant No. 1, Job No. P1-97, for a total amount not to exceed \$4,561,000; and,  
5) Approve a 7% contingency for change orders to said contract (\$319,270).
13. Approve a Cooperative Agreement with the Atlantic Richfield Company to assist in the management and disposal of petroleum-contaminated soil during construction of the 66-Inch Ellis Avenue Trunk Sewer, Contract No. I-10A, in a form approved by General Counsel.
14. 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.

- a. Convene in closed session, if necessary
  - 1. PUBLIC EMPLOYEE APPOINTMENT (Government Code Section 54957(b)(1))  
  
Title: General Manager
- b. Reconvene in regular session
- c. Consideration of action, if any, on matters considered in closed session
- 15. Other business and communications or supplemental agenda items, if any
- 16. Matters which a Director may wish to place on a future agenda for action and staff report.
- 17. Future Meeting Date: The next Board of Directors regular meeting is scheduled for August 22, 2007, at 6:30 p.m.
- 18. Adjournment

**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 written materials relating to each agenda item are available for public inspection in the office of the Clerk of the Board.

**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) 593-7130 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	Penny Kyle	(714) 593-7130	<a href="mailto:pkyle@ocsd.com">pkyle@ocsd.com</a>
Director of Engineering	Jim Herberg	(714) 593-7020	<a href="mailto:jherberg@ocsd.com">jherberg@ocsd.com</a>
Director of Fin. & Admin Services	Lorenzo Tyner	(714) 593-7550	<a href="mailto:ltynr@ocsd.com">ltynr@ocsd.com</a>
Director of Operations & Maintenance	Nick Arhontes	(714) 593-7210	<a href="mailto:narhontes@ocsd.com">narhontes@ocsd.com</a>
Director of Technical Services	Ed Torres	(714) 593-7080	<a href="mailto:etorres@ocsd.com">etorres@ocsd.com</a>
General Counsel	Brad Hogin	(714) 564-2606	<a href="mailto:bhogin@wss-law.com">bhogin@wss-law.com</a>

# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 07/18/07
Item Number	Item Number 7

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 06/01/07 to 06/15/07 and 06/16/07 to 06/30/07

**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
<b>Accounts Payable - Warrants</b>			
91328	AA-1 Services, Inc.	\$ 115,312.50	Professional Services - Plt. 2 Digesters F & G Liner Replacements
91329	Conex International, Inc.	33,687.50	Legal Services - Construction Management P2-60
91330	CSI Services, Inc.	25,185.39	Professional Services - Corrosion Inspection
91331	Hach c/o Ponton Industries	42,645.49	Lab Parts & Supplies
91332	Louis Allen Worldwide	39,060.00	EMT & Management Training Program - Profession of Management
91333	MetLife Life Insurance Company	35,629.69	Group Life, Manager Add'l. Life, Short & Long-Term Disability & Optional Term Life Ins.
91334	Pacific Blue Micro	37,579.00	Cisco SmartNet Maintenance Agreement
91335	J R Filanc Construction	855,546.88	Construction P1-82
91336	Steve P. Rados, Inc.	483,412.76	Construction I-2-4
91337	Union Bank of California	53,712.53	Construction I-2-4, Retention
91338	SWRCB Accounting Office	128,500.00	Annual Fee - Storm Water Discharge Permit
91339	Accident Photo Pak	2,693.75	Disposal Cameras - (250) Vehicle Pak 15-Shot Cameras/flash
91340	AccuStandard	355.25	Lab Parts & Supplies
91341	Alliance Resource Consulting, L.L.C.	7,479.23	Professional Services - Executive Search for I.T. Management Position
91342	American Society of Mechanical Engineers	126.00	Membership
91343	AT & T Universal Biller	502.29	Telephone Service
91344	AT & T California/MCI	761.98	Telephone Service
91345	Awards & Trophies Company	38.06	Awards & Plaques
91346	Bell Pipe & Supply Co.	4.09	California Sales Tax
91347	County of Orange	421.55	Maint. Agreement - Repair/Installation of Base, Handheld & Vehicle Radios
91348	California Dept. of Child Support	1,240.12	Wage Garnishment
91349	Cingular Wireless Airtime	9,261.12	Wireless Services
91350	City of Huntington Beach	12,856.38	Water Use
91351	City of Westminster	157.10	Water Use
91352	Clean Harbors Environmental Services	14,601.40	Hazardous Waste Management Services
91353	Copy Page, Inc.	10,613.77	P2-60 Document Scanning
91354	County Wholesale Electric Co.	343.07	Electrical Parts & Supplies
91355	C.S.M.F.O	304.00	Notices & Ads
91356	CWEA-TCP	46.00	Membership - Calif. Water Environment Assoc.
91357	David's Tree Service	1,085.00	Tree Trimming at Plant 1 & Clean-Up of Easement at PCH & Jamboree
91358	Employee Benefits Specialists, Inc.	9,460.89	Reimbursed Prepaid Employee Medical & Dependent Care
91359	Enchanter, Inc.	4,800.00	Ocean Monitoring & Outfall Inspection & Maintenance
91360	Engtech Industries, Inc.	3,800.00	Professional Services - Review of CMMS RFP
91361	FEDEX Corporation	22.11	Freight Services
91362	First American Real Estate Solutions	1,380.00	On-Line Orange County Property Information
91363	Franchise Tax Board	50.00	Wage Garnishment
91364	Galls, Inc.	88.44	Safety Supplies
91365	George T. Hall	690.59	Electrical Parts & Supplies
91366	Gierlich Mitchell, Inc.	8,177.49	Pump Parts & Supplies
91367	GOTM Enterprises DBA Property Care Services	1,050.00	Sweeping Services
91368	Great Western Sanitary Supplies	496.98	Janitorial Supplies
91369	Harrington Industrial Plastics, Inc.	1,989.43	Maintenance Materials and Mechanical Parts & Supplies
91370	Horizon Technology	531.34	Lab Parts & Supplies
91371	Indiana Child Support Bureau	290.00	Wage Garnishment
91372	Industrial Distribution Group	2,534.28	Safety Supplies
91373	Innerline Engineering	12,747.08	Sewerline Video Inspections - 22 Freeway Crossing
91374	Internal Revenue Service	224.13	Wage Garnishment



**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91375	Intl. Union of Oper. Eng. AFL CIO Local 501	4,610.00	Dues Deduction
91376	Irvine Ranch Water District	6.75	Water Use
91377	Court Order	150.00	Wage Garnishment
91378	Mainline Information Systems	5,634.00	Software Maintenance - Websphere
91379	MassMutual Michel Financial Group	79.04	Executive Disability Plan Premium
91380	Matrix Service Corp.	17,900.00	Repair Leak at P2 Gas Holder
91381	McBain Instruments	174.01	Service Agreement for Lab Microscopes
91382	McGraw Hill Companies	131.00	Subscriptions
91383	McMurray-Stern	630.00	Service Agreement for Clerk of the Board Mobile File System
91384	Measurement Control Systems, Inc.	828.41	Repair & Calibration Services - Rotary Gas Meter
91385	Court Order	225.00	Wage Garnishment
91386	National Bond & Trust	2,917.34	U.S. Savings Bonds Payroll Deductions
91387	Ninyo & Moore Corporate Accounting	3,154.25	Professional Services - Soils, Concrete & Other Materials Testing for Various Capital Projects
91388	OCEA	568.44	Dues Deduction
91389	Orange County Sheriff	521.21	Wage Garnishment
91390	Oxygen Service Company	681.15	Lab Parts & Supplies
91391	PCS Express, Inc.	110.39	Courier Service
91392	Peace Officers Council of CA	1,665.00	Dues Deduction, Supervisors & Professionals
91393	PerkinElmer Las	1,439.36	Lab Instrument Maintenance - Mass Spectrometer
91394	Pompaction, Inc.	1,256.88	Pump Parts & Supplies
91395	Postmaster	88.00	Post Office Box Rental
91396	Primary Source Office Furnishings, Inc.	5,342.25	Office Furniture & Misc. Equipment - Plt. 2 Lab
91397	Pro 911 Systems	11,221.13	Security Camera System for Perimeter Fence and Easement Areas
91398	Putzmeister America, Inc.	4,431.76	Pump Supplies
91399	R L Abbott & Associates	3,000.00	Kern County Biosolids Consulting Services
91400	Rain for Rent	3,584.85	Equipment Rentals P1-37
91401	Reliastar	8,182.85	Employee Voluntary Life, Cancer & Supplemental Short-Term Disability Insurance
91402	RMS Engineering & Design, Inc.	2,185.00	Engineering Services - Structural Evaluation & Design Services
91403	Rockwell Engineering & Equipment Co.	2,095.82	Mechanical Parts & Supplies
91404	RTM Lighting & Electronics, Inc.	415.41	Electrical Parts & Supplies
91405	Scott Specialty Gases, Inc.	73.70	Lab Parts & Supplies
91406	Shureluck Sales & Engineering	1,313.77	Mechanical Parts & Supplies
91407	SkillPath Seminars	149.00	Training Registration
91408	South Coast Air Quality Management Dist.	150.00	Permit Fees - Annual Emission, Operation & Misc. Fees
91409	Southern Counties Lubricants	1,376.88	Oil
91410	St. Croix Sensory, Inc.	1,395.00	Olfactometry Testing Services
91411	Terminix International	290.00	Pest Control
91412	Testamerica Ontario	770.00	Analysis of Biosolids
91413	Thompson Industrial Supply, Inc.	6,273.91	Motor & Mechanical Parts & Supplies
91414	Time Warner Communication	51.08	Cable Services
91415	Times Community News	237.50	Notices & Ads
91416	T-Mobile	107.60	Wireless Air Time
91417	Tortuga Pool Services	310.00	Maintenance Agreement - Weekly Cleaning of Atrium Pond
91418	United Pacific Services, Inc.	270.00	Landscape Maintenance at Plants 1 & 2 and Pump Stations
91419	United Parcel Service	240.25	Parcel Services
91420	United Way	50.00	Employee Contributions
91421	Verizon California	702.57	Telephone Services
91422	Verizon Wireless	558.22	Wireless Telephone Services

**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91423	Vernes Plumbing	1,400.00	Service Contract - Testing, Repair & Cert. Backflow Devices at Plts. 1 & 2 & Pump Sta.
91424	VWR Scientific Products	547.72	Lab Parts & Supplies
91425	Wastewater Technology Trainers	450.00	Training Registration
91426	WEF	435.00	Membership - Water Environment Federation
91427	WEF Registration Dept.	308.00	Membership
91428	Court Order	597.50	Wage Garnishment
91429	Karen I. Baroldi	200.02	Meeting/Training Expense Reimbursement
91430	Jennifer M. Cabral	21.05	Meeting/Training Expense Reimbursement
91431	Jie K. Chang	1,017.69	Meeting/Training Expense Reimbursement
91432	Ann Crafton	79.12	Meeting/Training Expense Reimbursement
91433	Craig O. Dunn	190.00	Meeting/Training Expense Reimbursement
91434	Doug M. Dysart	130.00	Meeting/Training Expense Reimbursement
91435	Ruben Gomez	569.37	Meeting/Training Expense Reimbursement
91436	Laurie J. Klingler	1,083.16	Meeting/Training Expense Reimbursement
91437	Vladimir A. Kogan	315.03	Meeting/Training Expense Reimbursement
91438	Efren G. Lucena	1,933.45	Meeting/Training Expense Reimbursement
91439	Laura Maravilla	381.60	Meeting/Training Expense Reimbursement
91440	Daniel R. Miranda	652.37	Meeting/Training Expense Reimbursement
91441	Simon L. Watson	250.00	Meeting/Training Expense Reimbursement
91442	City of Anaheim	2,803.00	Plan Check & Permit Fee 3-58
91443	City of Garden Grove	900.00	Plan Check & Permit Fee 3-58
91444	City of Westminster	1,105.00	Plan Check & Permit Fee 3-58
91445	CMAA	250.00	Achievement Award Entry Form Fee for Project J-77
91446	Department of Consumer Affairs	125.00	Professional License Renewal - Mechanical Engineer
91447	Department of Transportation	82.00	Encroachment Permit 3-58
91448	John Kavoklis	1,346.95	Employee Computer Loan Program
91449	Orange County Sanitation District	15,929.59	Worker's Comp. Reimb.
91450	The Toll Roads	195.25	Toll Road Fees
91451	Air Products & Chemicals, Inc.	52,273.30	O & M Agreement Oxy. Gen. Sys. MO 8-9-89
91452	Alhambra Foundry Co., Ltd.	25,873.47	Manhole Frames & Covers
91453	Alliant Insurance Services, Inc.	32,769.00	Primary & Excess Watercraft, Watercraft Pollution, and Travel Accident Insurance Renewals
91454	American Express	38,778.04	Purchasing Card Program, Misc. Supplies & Services
91455	Basic Chemical Solutions, L.L.C.	50,211.27	Sodium Bisulfite & Sodium Hydroxide
91456	Black & Veatch Corporation	28,913.57	Professional Services J-77
91457	Camp Dresser & Mckee, Inc.	29,646.53	Engineering Services P1-97
91458	Carollo Engineers	219,175.47	Professional Services P2-66
91459	Corporate Image Maintenance, Inc.	33,750.00	Custodial Services Spec. No. 9899-09
91460	Innerline Engineering	25,596.12	Sewerline Video Inspections
91461	IPMC c/o Parsons	1,146,185.00	Engineering Services - Integrated Program/Project Management, Temporary Staffing, Mat'l. & Sup
91462	Kemira Water Solutions	116,747.07	Ferric Chloride
91463	Malcolm Pirnie, Inc.	72,767.98	Professional Services 5-50
91464	Orange County Water District	69,490.29	GAP Water (Green Acres Project)
91465	Pioneer Americas, Inc.	173,119.90	Sodium Hypochlorite
91466	Polydyne, Inc.	49,519.33	Cationic Polymer MO 3-11-92
91467	Tule Ranch/Magan Farms	211,574.59	Residuals Removal MO 3-29-95
91468	Ameron International	634,382.13	Construction I-2-4
91469	Barnard Soletanche Joint Venture	1,694,563.48	Construction I-10A
91470	Denboer Engineering & Construction	71,550.00	Construction FE06-02

**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91471	US Bank National Ass. Escrow	188,284.83	Construction I-10-A, Retention
91472	A W Chesterton	1,374.89	Mechanical Parts & Supplies
91473	Absolute Standards, Inc.	275.00	Lab Parts & Supplies
91474	ACCU Sludge	730.03	Lab Parts & Supplies
91475	AccuStandard	230.60	Lab Parts & Supplies
91476	Adamson Industries	657.49	Lab Parts & Supplies
91477	Air Liquide America Corp.	553.72	Specialty Gases
91478	Airgas Safety, Inc.	8,626.64	Safety Supplies
91479	Allied Packing & Rubber, Inc.	3,564.96	Mechanical Parts & Supplies
91480	American Airlines	2,792.60	Travel Services
91481	Amtech Elevator Services	1,400.00	Monthly Elevator Maintenance at Plts. 1 & 2
91482	Analysts, Inc.	1,412.16	Oil Test Kit & Analyses
91483	Applied Industrial Technology	127.41	Mechanical Parts & Supplies
91484	Arch Wireless Operating Company, Inc.	828.71	Wireless Services & Equipment
91485	Arizona Instrument	19,671.04	Instrument & Instrument Parts & Supplies
91486	Ashbrook Corporation	361.64	Winklepress Parts & Supplies
91487	AT & T Universal Biller	1,811.78	Telephone Service
91488	AT & T California/MCI	181.93	Telephone Service
91489	American Telephone & Telegraph Corp.	48.76	Telephone Service
91490	ATCC	519.70	Lab Parts & Supplies (American Type Culture Collection)
91491	Authentic Promotions.Com	5,404.60	Promotional Items for FOG (Fats, Oils & Grease) Program - Tin Cans
91492	Awards & Trophies Company	1,092.24	Awards & Plaques
91493	AWSI	250.00	Department of Transportation Program Management & Testing
91494	Battery Specialties	371.35	Batteries
91495	Bee Man Pest Control, Inc.	125.00	Pest Control
91496	Bentley Systems, Inc.	4,697.28	Software/Hardware Maintenance Agreement Renewal
91497	BMC Business Machines Consultants, Inc.	30.63	Computer Supplies
91498	Brenntag Pacific, Inc.	1,325.07	Custodial Supplies
91499	Brown & Caldwell	3,348.18	Professional Services - Business Risk Analyses/OCSD Force Mains Corrosion
91500	Bush & Associates, Inc.	452.00	Surveying Services - Various Locations
91501	Cal Partitions, Inc.	1,931.00	Furniture & Fixtures - Shelving
91502	California Relocation Services, Inc.	360.00	Office Files Moving/Relocation Services
91503	Cameron Compression Systems	21,699.81	Mechanical Parts & Supplies For LSVB Cooper Engines
91504	Casual Gourmet	825.26	Meeting Expenses
91505	Consolidated Electrical Distributors, Inc.	1,171.78	Electrical Parts & Supplies
91506	Consumers Pipe & Supply Co.	6,839.66	Plumbing Parts & Supplies
91507	Council on Education in Management	1,269.00	Training Registration
91508	Counterpart Enterprises, Inc.	734.79	Mechanical Parts & Supplies
91509	CS-AMSCO	6,761.52	Mechanical Parts & Supplies
91510	Curley Wholesale Electric, Inc.	797.11	Electrical Parts & Supplies
91511	CWEA Membership	110.00	Membership (Calif. Water Environment Assoc.)
91512	David's Tree Service	4,450.00	Tree Maint. Service
91513	Department of General Services	2,252.99	Cooperative Purchasing Program - CA Multiple Award Services Discount Fee
91514	Dunn Edwards Corporation	159.81	Paint Supplies
91515	E. Sam Jones Distributors, Inc.	45.26	Electrical Parts & Supplies
91516	Edward S. Babcock & Sons, Inc.	550.00	Outside Lab Services
91517	Electra Bond, Inc.	24,836.38	Repairs & Maintenance Services - Belt & Loading Rollers
91518	Enchanter, Inc.	2,100.00	Ocean Monitoring & Outfall Inspection & Maintenance

**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91519	Entech Instruments, Inc.	559.07	Lab Parts & Supplies
91520	Environmental Water Solutions, Inc.	2,703.17	Pump
91521	Ewing Irrigation Industrial	434.74	Landscape Irrigation Parts & Supplies
91522	FEDEX Corporation	13.90	Freight Services
91523	Fisher Scientific Company, L.L.C.	985.81	Lab Parts & Supplies
91524	Flow Sciences, Inc.	426.52	Lab Parts & Supplies
91525	Fountain Valley Paints, Inc.	211.41	Paint Supplies
91526	Franklin Covey	194.64	Office Supplies
91527	Franklin Miller, Inc.	705.00	Mechanical Parts & Supplies
91528	Frys Electronics	178.64	Computer Supplies
91529	Fuller Truck Accessories	572.89	Truck Parts & Supplies
91530	Ganahl Lumber Company	731.92	Asphalt
91531	Garratt Callahan Company	7,707.45	Chemicals
91532	GBC (General Binding Corp)	21.53	Office Supplies
91533	General Petroleum	3,705.85	Engine Oil
91534	George Yardley Co.	1,484.28	Electrical/Instrument Parts & Supplies
91535	Gierlich Mitchell, Inc.	954.01	Mechanical Parts & Supplies
91536	GMF Sound, Inc.	220.00	Drop Down Screen & Hardware
91537	Goldenwest Window Service	4,013.00	Removal of Traffic Spikes at Plt. 1 E. Perimeter Road
91538	Grainger, Inc.	3,698.79	Electrical Parts & Supplies
91539	Great Western Sanitary Supplies	938.74	Janitorial Supplies
91540	Hach c/o Ponton Industries	1,204.13	Lab Parts & Supplies
91541	Haldeman, Inc.	2,909.25	Mechanical Parts & Supplies
91542	Harrington Industrial Plastics, Inc.	1,920.68	Mechanical Parts & Supplies
91543	Hasco Oil Co., Inc.	277.03	Grease
91544	Hewlett Packard Company	4,393.62	Computer Hardware/Software - (1) HP Server for SAN & (2) HBA (Host Bus Adapter) Units
91545	Hi Standard Automotive	1,431.72	Automotive Parts & Supplies
91546	Home Depot	1,460.07	Misc. Repair & Maintenance Material
91547	Hub Auto Supply	405.29	Vehicle Parts & Supplies
91548	I.D. Industries, Inc.	376.91	Mechanical Parts & Supplies
91549	Industrial Distribution Group	368.91	Mechanical Parts, Supplies, & Tools
91550	Integrity Wireless	1,002.36	Cell Phone Accessories
91551	International Institute for Learning	2,460.75	Training Registration
91552	Interstate Batteries of Cal Coast	2,181.56	Batteries for Vehicles & Carts
91553	Invensys Systems, Inc.	3,988.44	Instrument Parts & Supplies
91554	Ironman Parts & Services	739.87	Air Filters
91555	Jamison Engineering Contractors, Inc.	4,870.00	Remove Free-Standing Concrete Wall at No. Co. Yard; Replace Handrails at Plt. 1 Water Sta.
91556	Jays Catering	950.45	Meeting Expenses
91557	Jeffco, Inc.	142.96	Office Supplies
91558	Johnstone Supply	3,237.47	Motor
91559	K-Micro, Inc. dba Corpinfo Services	1,505.00	ACAD Govt. Client Multi-Storage Server Maintenance Agreement Renewal
91560	Kabob Express	412.71	Meeting Expenses
91561	LaMotte Company	219.37	Lab Parts & Supplies
91562	Lorman Education Services	199.00	Meeting Registration - Div. 760
91563	Maintenance Technology Corp.	1,042.21	Mechanical Parts & Supplies
91564	Mandic Motors	200.00	Towing Services
91565	Marking Services, Inc.	32.18	Asset Tags
91566	Mc Junkin Corp	1,537.86	Mechanical Parts & Supplies

**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91567	McCrometer, Inc.	1,716.69	Propeller Flow Meter
91568	McMaster Carr Supply Co.	3,376.37	Mechanical & Lab Parts, Supplies & Tools
91569	MDS Consulting	1,127.55	Professional Surveying Services I-2-4
91570	Medlin Controls Co.	885.21	Instrument Parts & Supplies
91571	Megger	1,400.00	Software Maintenance & Support - AVTS & Pulse Master
91572	Minarik Corporation	223.05	Instrument Supplies
91573	Mitchell Instrument Co.	464.00	Instrument Parts & Supplies
91574	Mobile Hose & Hydraulic Supply	4,065.42	Hydraulic Hose Supplies & Parts
91575	National Technology Transfer, Inc..	9,995.00	On-Site Training - Hydraulic
91576	National Institute of Standards & Tech-R	348.00	Lab Parts & Supplies
91577	National Plant Services, Inc.	1,000.00	Repair & Maint. Services - Clean Out Drain at Bldg. M Dewatering
91578	Neal Supply Co.	293.44	Plumbing Supplies
91579	Neutron Products, Inc.	8,707.77	Anionic Polymer
91580	New Pig	365.94	Spill Absorbent Materials
91581	Newark Electronics	292.46	Instrument Supplies
91582	Norms Refrigeration	40.41	Thermostat
91583	OCB Reprographics	70.83	Printing Service - MO 1/26/00
91584	Onesource Distributors, Inc.	6,216.97	Electrical Parts & Supplies
91585	Oracle Corporation	12,323.60	Software License and Maintenance Agreement Renewal
91586	Oracle USA, Inc.	18,889.01	Software Maintenance Agreement - Internet
91587	Orange County Hose Company	41.48	Hydraulic Hose Supplies & Parts
91588	Orange Fluid System Technologies, Inc.	2,547.46	Plumbing Parts & Supplies
91589	Oxygen Service Company	199.91	Specialty Gases
91590	Pacific Mechanical Supply	365.54	Plumbing Supplies
91591	Pak-Sher	525.20	Grease Liner Bags
91592	PAPA	130.00	Training Registration
91593	Parkhouse Tire, Inc.	2,752.93	Tires
91594	Parsons Water & Infrastructure, Inc.	4,609.95	Professional Services J-35-1
91595	PL Hawn Company, Inc.	234.55	Electrical Parts & Supplies
91596	Pompaction, Inc.	3,452.60	Air Filters
91597	Ponton Industries, Inc.	533.36	Instrument Parts & Supplies
91598	Praxair, Inc.	94.71	Lab Parts & Supplies
91599	Prudential Overall Supply	2,951.28	Uniforms & Related Articles
91600	Putzmeister	777.87	Electrical Parts & Supplies
91601	RBF Consulting	13,827.26	Engineering Services 7-47
91602	R.F. MacDonald Co.	702.82	Instrument Parts & Supplies
91603	RMS Engineering & Design, Inc.	517.50	Engineering Services - Repair of 66" and 84" Interplant Lines
91604	Rockwell Engineering & Equipment Co.	3,041.88	Pump Parts & Supplies
91605	Rolls Royce Energy Systems, Inc.	314.63	Electrical Parts & Supplies
91606	Royale Cleaners	24.00	Dry Cleaning Services
91607	SARBS-CWEA	180.00	Training Registration
91608	Scottel Voice & Data, Inc.	2,284.79	Telephone System Maintenance
91609	Shamrock Supply Co., Inc.	98.79	Rechargeable Battery Pack
91610	Shureluck Sales & Engineering	22.63	Mechanical Parts & Supplies
91611	Sigma Aldrich, Inc.	294.19	Lab Parts & Supplies
91612	SKC West, Inc.	1,597.42	Lab Parts & Supplies
91613	Smith Emery Company	930.50	Soils, Concrete & Other Materials Testing
91614	So Cal Gas Company	14,084.52	Natural Gas

**Claims Paid From 06/01/07 to 06/15/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91615	Softchoice Corp.	440.44	Software
91616	Source Graphics	21.07	Service Maintenance Agreement - Copiers
91617	Southern California Trane Service	3,130.28	Mechanical Parts & Supplies
91618	Southern Counties Lubricants	1,250.35	Oil
91619	Southwest Pipeline and Trenchless Co.	513.41	CCTV Sewer Main
91620	Spectrum Laboratory Products, Inc.	1,075.04	Lab Parts & Supplies
91621	SPEX Certiprep, Inc.	382.47	Lab Parts & Supplies
91622	Summit Steel	2,178.09	Metal
91623	Sunset Industrial Parts	225.15	Mechanical Parts & Supplies
91624	Surveyor Services	434.80	Portable Measurement Tool
91625	Taco Facory	186.68	Meeting Expenses
91626	Teledyne Electronic Tech.	100.78	Instrument Parts
91627	Rand McNally Map & Travel Stories	9,923.78	3-Year Database License Agreement & Technical Support
91628	Thompson Industrial Supply, Inc.	22,146.72	Mechanical Parts & Supplies
91629	Tifco Industries	632.69	Welding Supplies
91630	The Clock Sales and Service Co., Inc.	85.00	Repair & Maintenance Services - Acroprint Time Clock
91631	Tony's Lock & Safe Service & Sales	133.83	Locks & Keys
91632	Trans Box Systems/TBS Couriers	2,763.00	Overnight Courier T-Packs
91633	Transcat	2,906.08	Instrument Parts & Supplies
91634	Truck & Auto Supply, Inc.	185.20	Automotive Parts & Supplies
91635	Ultra Scientific	135.36	Lab Parts & Supplies
91636	The Unisource Corporation	356.65	Office Supplies
91637	United Pacific Services, Inc.	4,995.00	Landscape Maintenance at Plants 1 & 2 and Pump Stations
91638	United Parcel Service	51.39	Parcel Services
91639	UNIVAR USA	1,489.63	Chlorine
91640	US Peroxide, L.L.C.	4,797.45	Odor & Corrosion Control Treatment for Coll. Sys.; Hydrogen Peroxide & Ferrous Chloride
91641	Valin Corporation	204.55	Mechanical Parts & Supplies
91642	The Vantage Group, L.L.C.	1,837.50	Software Maintenance & Support - SPIDynamics Webinspect
91643	Vapex, Inc.	2,117.00	Instrument Parts & Supplies
91644	Vertex, Inc.	4,295.00	Software Support - Payroll Tax Q Series
91645	Vision Communications Co.	4,702.27	(4) Portable Radios
91646	Vortex Corp.	1,147.10	Door Repairs/Replacements - Various Locations
91647	VWR Scientific Products	4,425.93	Lab Parts & Supplies
91648	Watson Land Company	1,478.56	Reconciliation User Fee Refund Program
91649	The Wackenhut Corporation	4,546.44	Security Services at Plts. 1 & 2
91650	Wallingford Software, Inc.	3,000.00	Training Registration
91651	Wastewater Technology Trainers	1,145.00	Training Registration
91652	WEF	462.00	Membership - Water Environment Federation
91653	Xerox Corporation	83.00	Copier Leases & Managed Services
91654	Yale/Chase Materials Handling, Inc.	2,443.06	Electric Cart Parts
91655	Yokogawa Corp. of America	568.05	Instrument Supplies
91656	1-800-Conference(R)	190.94	Telephone Conference Calls
91657	Nicholas J. Arhontes	25.00	Meeting/Training Expense Reimbursement
91658	Costco and Wayne Aegerter	2,771.97	Employee Computer Loan Program
91659	Thomas S. Hendy	95.00	Meeting/Training Expense Reimbursement
91660	Steven E. Howard	1,179.93	Meeting/Training Expense Reimbursement
91661	Peter McGrath	190.00	Meeting/Training Expense Reimbursement
91662	Duane T. Smith	80.00	Meeting/Training Expense Reimbursement

**Claims Paid From 06/01/07 to 06/15/07**

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
91663	John W. Swindler	166.94	Meeting/Training Expense Reimbursement
91664	Edward M. Torres	257.98	Meeting/Training Expense Reimbursement
91665	City Clerk's Association of California	303.00	Training Registration
91666	County Of Orange Auditor Controller	420.00	Administrative Fee - Adjustments to Property Tax Bills
91667	County Of Orange Auditor Controller	810.00	Administrative Fee - Adjustments to Property Tax Bills
91668	Yu-Li Tsai	1,803.02	Meeting/Training Expense Reimbursement
	<b>Total Accounts Payable - Warrants</b>	<u>\$ 7,496,832.69</u>	
<b><u>Payroll Disbursements</u></b>			
36827 - 36914	Employee Paychecks	\$ 128,014.53	Biweekly Payroll (06/06/07)
36915 - 36924	Employee Paychecks	\$ 1,170.19	Interim Payroll - Retros (06/05/07)
36991 - 36991	Employee Paycheck	680.26	Interim Payroll - Termination (06/14/07)*
141297 - 141856	Direct Deposit Statements	1,137,905.70	Biweekly Payroll (06/06/07)
	<b>Total Payroll Disbursements</b>	<u>\$ 1,267,770.68</u>	
<b><u>Wire Transfer Payments</u></b>			
	OCSD Payroll Taxes & Contributions	\$ 648,198.91	Biweekly Payroll (06/06/07)
	Deutsche Bank	577,741.16	Series 2006 Certificates of Participation May Interest Payment
	Bank of New York	122,360.00	Series 1993 Refunding Certificates of Participation May Interest Payment
	<b>Total Wire Transfer Payments</b>	<u>\$ 1,348,300.07</u>	
	<b>Total Claims Paid 06/01/07 - 06/15/07</b>	<u>\$ 10,112,903.44</u>	

\*Ck. Nos. 36925-36990 were printed out of order on 6/14/07 for a payroll date of 6/20/07.

**Claims Paid From 06/16/07 to 06/30/07**

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
<b><u>Accounts Payable - Warrants</u></b>			
91669	Blue Cross of California	408,896.06	Medical Insurance Premium
91670	Delta Dental	57,482.22	Dental Insurance Plan
91671	Kaiser Foundation Health Plan	65,981.16	Medical Insurance Premium
91672	Mike Pritch & Sons	36,098.37	Construction - Emergency Repairs on Sink Hole at Redhill & Windsor Lane 7-36
91673	PBS & J	48,304.44	Professional Services 3-52
91674	Polydyne, Inc.	74,482.16	Cationic Polymer MO 3-11-92
91675	Southern California Edison	310,264.88	Power
91676	Airgas - West	9.92	Lab Supplies
91677	AT & T Universal Biller	876.28	Telephone Service
91678	AT & T California/MCI	15.43	Telephone Service
91679	The Boeing Company	5,946.64	Reconciliation User Fee Refund Program
91680	Battery Specialties	197.83	Batteries
91681	Boyle Engineering Corporation	4,766.91	Professional Services I-2-4
91682	Brown & Caldwell	8,718.19	Professional Services P1-37
91683	California Dept. of Child Support	1,240.12	Wage Garnishment
91684	Cameron Compression Systems	405.08	Engine Parts & Supplies - LSVB
91685	C.A.P.I.O. Calif. Assoc. of Public Info. Officials	175.00	Meeting Registration - Division 152
91686	Civic Resource Group, L.L.C.	6,978.16	Software Installation & Programming Services - Sharepoint
91687	CLE International	595.00	Training Registration
91688	Clean Harbors Environmental Services	440.00	Hazardous Waste Management Services
91689	Compressor Components of California	2,184.00	Repair & Maintenance Services on LSVB Ignition Coils
91690	Con-Way Western Express	377.65	Freight Charges - Equipment Repairs
91691	Corporate Express	64.65	Office Supplies
91692	Counterpart Enterprises, Inc.	51.81	Mechanical Parts & Supplies
91693	County of Orange Auditor Controller	17,787.00	Waste Discharge Requirements - BMPS Inspection Program
91694	David's Tree Service	9,800.00	Emergency Clean-Up of Easement to Access (4) Manholes - Costa Mesa
91695	DDB Engineering, Inc.	4,810.00	Professional Services - Grant Management
91696	Devise Technical Products	13,473.75	Repair & Maintenance Services - Plant 1 Pipe
91697	Du Pont	18,467.00	Painting Maint. Services MO 4-22-98
91698	Employee Benefits Specialists, Inc.	9,460.89	Reimbursed Prepaid Employee Medical & Dependent Care
91699	ENS Resources, Inc.	10,000.00	Professional Services - Legislative Advocate
91700	Eskel Porter Consulting, Inc.	5,029.00	Software - External Web Portal for CRM
91701	FEDEX Corporation	171.96	Freight Services
91702	First American Real Estate Solutions	619.50	On-Line Orange County Property Information
91703	Fountain Valley Rancho Hand Wash	1,221.90	Vehicle Washing & Waxing Services
91704	Franchise Tax Board	50.00	Wage Garnishment
91705	Frys Electronics	547.21	Computer Supplies
91706	Gold Coast Awards, Inc.	14.24	Name Badges
91707	Goldenwest Window Service	830.00	Groundskeeping Services - Various Projects
91708	Gonzalez & Farago Enterprises, Inc.	5,782.00	Remove Existing & Install New 6' Direction Spike Units Near Plt. 1 Guard Shack
91709	GOTM Enterprises DBA Property Care Services	1,400.00	Sweeping Services - Various Locations
91710	Guarantee Records Management	938.09	Off-Site Records Storage
91711	Harold Primrose Ice	90.00	Ice For Samples
91712	HDR Engineering, Inc.	20,526.00	Professional Services FE06-05
91713	Hills Boat Service, Inc.	827.53	Oil & Filter Change - Ocean Monitoring Vessel Nerissa
91714	Indiana Child Support Bureau	290.00	Wage Garnishment
91715	Industrial Distribution Group	53.27	Mechanical Parts & Supplies
91716	Innerline Engineering	4,995.00	Sewerline Cleaning Re FOG Residential Study Project - City of Tustin



**Claims Paid From 06/16/07 to 06/30/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91717	Internal Revenue Service	195.00	Wage Garnishment
91718	Intl. Union of Oper. Eng. AFL CIO Local 501	4,585.75	Dues Deduction
91719	Iron Mountain	105.00	Storage Fee - Bid Documents P1-37
91720	Jamison Engineering Contractors, Inc.	8,171.91	Repair Chemical Bleach Piping Leak on "P" Scrubber & Remove Barscreen Rags at C-Headworks, Plt.2
91721	Kars Advance Materials, Inc.	4,854.60	Professional Services - Hose Failure Testing & Analyses
91722	L & N Uniform Supply Co., Inc.	1,861.54	Polo Shirts
91723	Langevin Learning Services, Inc.	499.00	Training Registration
91724	Court Order	150.00	Wage Garnishment
91725	Los Angeles Times	236.60	Subscription
91726	Marking Services, Inc.	527.58	Asset Tags
91727	Midway Mfg. & Machining Co.	1,225.00	Repair & Maintenance - Impeller
91728	Court Order	225.00	Wage Garnishment
91729	National Bond & Trust	2,917.34	U.S. Savings Bonds Payroll Deductions
91730	National Plant Services, Inc.	2,340.00	Pumping Services
91731	OCEA	568.44	Dues Deduction
91732	Omega Engineering, Inc.	2,892.64	Instrument Parts & Supplies - Turbine Meters & Signal Conditioners
91733	Orange County Sheriff	462.42	Wage Garnishment
91734	Oxygen Service Company	716.71	Lab Parts & Supplies
91735	Peace Officers Council of CA	1,665.00	Dues Deduction, Supervisors & Professionals
91736	Platinum Advisors	5,000.00	Legislative Advocacy Efforts
91737	Project Management Institute	129.00	Membership
91738	Rainbow Disposal Co.	3,104.33	Trash Removal
91739	Royale Cleaners	10.00	Dry Cleaning Services
91740	Scott Specialty Gases, Inc.	120.24	Lab Parts & Supplies
91741	Scottel Voice & Data, Inc.	220.00	Telephone System Maintenance
91742	SCP Science	4,176.00	Lab Parts & Supplies
91743	Southern California Waste Management	25.00	Membership
91744	SGS Testcom, Inc.	8.40	Telephone Line - District Vehicle SMOG Station
91745	Shureluck Sales & Engineering	2,466.11	Mechanical Parts & Supplies
91746	Siemens Water Technologies Corp.	250.00	Service Agreement - DI Water Systems at Plants 1 & 2
91747	Skalar, Inc.	762.67	Lab Parts & Supplies
91748	So Cal Gas Company	23,986.03	Natural Gas
91749	Technical Service Group, Inc.	1,381.60	SCADA System VAX Service Agreement
91750	Systems Solution Company	10,265.21	Installation of Additional Card Readers at Administration Kitchen, Mail Room & Board A/V
91751	Terminix International	954.00	Pest Control
91752	The Orange County Register	1,053.76	Notices & Ads
91753	Todd Painting, Inc.	815.00	Painting Services
91754	Townsend Public Affairs	5,000.00	Legislative & Executive Advocate for Grant Funding
91755	Tri-State Seminar On-the-River	385.00	Training Registration
91756	Tule Ranch/Magan Farms	19,431.33	Residuals Removal MO 3-29-95
91757	United Pacific Services, Inc.	17,487.51	Landscape Maintenance at Plants 1 & 2 and Pump Stations & Planting Services
91758	United Parcel Service	1,711.05	Parcel Services
91759	United States Postal Service	5,000.00	Postage
91760	United Way	50.00	Employee Contributions
91761	US Equipment Co., Inc.	1,523.66	Evaluation & Repair of Air Compressor Leak - #2 Fleet Services
91762	Valley Splicing Co.	2,000.00	Equipment Repair - Conveyor Belt
91763	Vapex, Inc.	10,033.83	Maintenance & Support for (32) Monitoring Control Systems, (2) Ozonators, & (3) Misting Systems
91764	Vortex Corp.	664.30	Gate Repairs
91765	WEF Registration Dept	462.00	Membership

**Claims Paid From 06/16/07 to 06/30/07**

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
91766	Western States Water Council	200.00	Meeting Registration - Division 660
91767	Court Order	597.50	Wage Garnishment
91768	Marian M. Alter	345.00	Meeting/Training Expense Reimbursement
91769	Ann H. Brandvoid	137.53	Meeting/Training Expense Reimbursement
91770	Jeffrey Brown	125.00	Meeting/Training Expense Reimbursement
91771	Pinky E. Burke	36.00	Meeting/Training Expense Reimbursement
91772	William D. Cassidy	127.00	Meeting/Training Expense Reimbursement
91773	James E. Colston	1,154.42	Meeting/Training Expense Reimbursement
91774	Ann Crafton	331.87	Meeting/Training Expense Reimbursement
91775	Allan P. Dumlao	130.00	Meeting/Training Expense Reimbursement
91776	Kimberly A. Erickson	160.03	Meeting/Training Expense Reimbursement
91777	Santiago A. Escobar	729.12	Meeting/Training Expense Reimbursement
91778	Larry Gibson	250.00	Meeting/Training Expense Reimbursement
91779	Michael I. Gold	524.54	Meeting/Training Expense Reimbursement
91780	David R. Heinz	190.00	Meeting/Training Expense Reimbursement
91781	Mike J. Herrera	229.31	Meeting/Training Expense Reimbursement
91782	Eric S. Hsieh	55.01	Meeting/Training Expense Reimbursement
91783	Laurie J. Klingler	817.08	Meeting/Training Expense Reimbursement
91784	Paul Krzysiak	768.43	Meeting/Training Expense Reimbursement
91785	Patrick W. McNelly	51.00	Meeting/Training Expense Reimbursement
91786	Michael J. Mengel	861.81	Meeting/Training Expense Reimbursement
91787	Dawn K. Myers	30.00	Meeting/Training Expense Reimbursement
91788	Subash Mysore	7.86	Meeting/Training Expense Reimbursement
91789	Purvi R. Patel	82.52	Meeting/Training Expense Reimbursement
91790	Samir Patel	76.25	Meeting/Training Expense Reimbursement
91791	William F. Pierce	51.00	Meeting/Training Expense Reimbursement
91792	Balachandra P. Rao	21.24	Meeting/Training Expense Reimbursement
91793	Henry R. Salgado	14.80	Meeting/Training Expense Reimbursement
91794	Cesario Sigua	192.54	Meeting/Training Expense Reimbursement
91795	Duane T. Smith	56.00	Meeting/Training Expense Reimbursement
91796	John W. Swindler	14.80	Meeting/Training Expense Reimbursement
91797	Robert C. Thompson	125.00	Meeting/Training Expense Reimbursement
91798	Jonathan K. Thomsic	187.50	Meeting/Training Expense Reimbursement
91799	Joseph F. Vallone	110.02	Meeting/Training Expense Reimbursement
91800	Circuit City and Paul Loehr	1,209.59	Employee Computer Loan Program
91801	Disneyland Resort - Group Ticket Sales	2,900.00	Reimbursed Employee Activities
91802	Basic Chemical Solutions, L.L.C.	33,747.03	Sodium Bisulfite & Sodium Hydroxide
91803	Black & Veatch Corporation	81,598.80	Professional Services P1-102
91804	Burch Ford	27,396.52	(1) 2008 Ford F250 Pick-Up , Regular Cab, w/Utility Bed
91805	Corporate Image Maintenance, Inc.	33,750.00	Custodial Services Spec. No. 9899-09
91806	Hewlett Packard Company	30,144.51	Computer Hardware/Software - HP EVA Server
91807	Jamison Engineering Contractors, Inc.	26,950.00	Repair & Maint. Services - Replace Flanges on 120" Outfall Line; Repair Broken Slide Gate on P-2 Clarifier K
91808	Kemira Water Solutions, Inc.	142,636.22	Ferric Chloride
91809	Ken Thompson, Inc.	104,590.65	Repair & Maintenance Services - Repair 16' Pavement Failure at Redhill, North of La Colina in Tustin
91810	Malcolm Pirnie, Inc.	62,094.08	Professional Services J-79
91811	Occidental Energy Marketing, Inc.	89,341.82	Natural Gas for CenGen/CoGen
91812	Orange County Water District	1,732,184.74	Joint GWRS Project & Green Acres Water Project (GAP)
91813	Polydyne, Inc.	53,160.02	Cationic Polymer MO 3-11-92
91814	Sancon Engineering, Inc.	34,285.00	Rehabilitation of Sewer Lines in City of Fullerton

**Claims Paid From 06/16/07 to 06/30/07**

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
91815	Southern California Coastal Water Research	354,255.00	Sixth Amended Joint Powers Agreement - July 1, 2005 to June 30, 2009
91816	Tule Ranch/Magan Farms	220,615.51	Residuals Removal MO 3-29-95
91817	UBS Financial Services, Inc.	37,316.71	Remarketing Fee - 2000 A & B Series Advanced Refunding COPs
91818	US Peroxide, L.L.C.	207,738.57	Odor & Corrosion Control Treatment for Coll. Sys.; Hydrogen Peroxide & Ferrous Chloride
91819	Woodruff Spradlin & Smart	71,488.07	Legal Services MO 7-26-95
91820	Helix Electric, Inc.	81,548.95	Construction SP-81
91821	J F Shea Construction, Inc.	7,985,207.25	Construction P2-66
91822	J R Filanc Construction	1,051,435.80	Construction P1-82
91823	Margate Construction, Inc.	208,352.59	Construction P1-37
91824	J F Shea Construction, Inc.	288,209.10	Construction J-77
91825	J F Shea Construction, Inc.	562,123.13	Construction P2-74
91826	American Telephone & Telegraph Corp.	223.71	Long Distance Telephone Service
91827	A W Chesterton	2,912.61	Mechanical Parts & Supplies
91828	ABB Automation, Inc.	7,455.33	Electrical Equipment - Main Street Pump Station
91829	Abrasive Engineering Tool & Equip.	29.09	Hardware
91830	Accounting Options, Inc.	9,877.25	Temporary Employment Services
91831	Agilent Technologies, Inc.	760.77	Lab Parts & Supplies
91832	Airgas Safety, Inc.	9,522.26	Safety Supplies
91833	AKM Consulting Engineers	14,400.00	Professional Services - Part-Time Dig Alert Technician
91834	Alhambra Foundry Co., Ltd.	17,080.53	Manhole Frames & Covers
91835	American Machinery & Blade, Inc.	471.85	Mechanical Parts & Supplies
91836	Applied Industrial Technology	357.59	Mechanical Parts & Supplies
91837	APT US&C	67.00	Membership
91838	Arizona Instrument	2,174.50	Instrument Repairs & Calibration Services
91839	Ashbrook Corporation	2,849.01	Mechanical Parts & Supplies
91840	AT & T Universal Biller	979.09	Telephone Service
91841	AT & T California/MCI	2,033.89	Telephone Service
91842	American Telephone & Telegraph Corp.	1,242.29	Telephone Service
91843	AVO Training Institute	22,114.13	Training Registration
91844	Battery Specialties	1,985.84	Batteries
91845	BC Wire Rope & Rigging	1,556.99	Mechanical Parts & Supplies
91846	Bee Man Pest Control, Inc.	150.00	Pest Control
91847	Bennett Bowen Lighthouse	1,117.34	Calibration Gas
91848	BioMerieux Vitek, Inc.	1,474.34	Lab Parts & Supplies
91849	Brenntag Pacific, Inc.	2,327.40	Custodial Supplies
91850	Brooks Instrument Div. Emerson Electric	848.11	Instrument Parts & Supplies
91851	Brown & Caldwell	200.00	Notices & Ads
91852	BRW Safety and Supply, Inc.	2,239.91	Safety Supplies
91853	County of Orange	2,571.08	Maint. Agreement - Repair/Installation of Base, Handheld & Vehicle Radios
91854	California Recreation Company	825.76	Boat Slip Rental Fees for Ocean Monitoring Vessel Nerissa
91855	Cardlock Fuel Systems, Inc.	24,231.78	Fuel Card Program - District Vehicles & Monitoring Vessel
91856	Casual Gourmet	168.09	Meeting Expenses
91857	Compressor Components of California	5,189.24	Mechanical Parts & Supplies
91858	CompuCom Systems, Inc.	8,092.56	Computer Software License- Microsoft CRM Professional Server Module
91859	CSI Computational Systems	159.01	Computer Cable
91860	Consumers Pipe & Supply Co.	3,924.74	Plumbing Parts & Supplies
91861	Controlled Motion Solutions	118.84	Mechanical Parts & Supplies
91862	County Wholesale Electric Co.	1,093.48	Electrical Parts & Supplies
91863	CR&R, Inc.	1,890.00	Container Rentals & Waste Disposal Service

**Claims Paid From 06/16/07 to 06/30/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91864	Culligan of Orange County	54.10	Maint. Agreement - Cen Gen Water Softener System
91865	CWEA	330.00	Membership
91866	David's Tree Service	3,500.00	Tree Maint. Service
91867	DIRECTV	359.00	Subscription
91868	Earth Tech, Inc.	20,217.20	Professional Services 3-58
91869	Employee Benefits Specialists, Inc.	1,106.70	Reimbursed Prepaid Employee Medical & Dependent Care
91870	Enchanter, Inc.	2,900.00	Ocean Monitoring & Outfall Inspection & Maintenance
91871	ENS Resources, Inc.	10,000.00	Professional Services - Legislative Advocate
91872	Entech Instruments, Inc.	1,944.18	Lab Parts & Supplies
91873	Environmental Compliance Inspection Svce.	1,480.00	Professional Services - Fats, Oil Grease (FOG Program) Inspections
91874	Environmental Resource Associates	1,291.74	Lab Parts & Supplies
91875	Environmental Sampling Supply, Inc.	217.66	Lab Parts & Supplies
91876	Environmental Water Solutions, Inc.	412.24	Pump Parts & Supplies
91877	Ewing Irrigation Industrial	70.69	Landscape Irrigation Parts & Supplies
91878	Full Spectrum Analytics	2,596.88	Lab Parts & Supplies
91879	First American Real Estate Solutions	450.00	On-Line Orange County Property Information
91880	Fisher Scientific Company, L.L.C.	2,209.96	Lab Parts & Supplies
91881	Flo Systems, Inc.	3,904.86	Pump & Pump Parts & Supplies
91882	Fluid Tech. Sales	344.80	Instrument Supplies
91883	Frys Electronics	206.82	Computer Supplies
91884	Fuller Truck Accessories	42.02	Truck Parts & Supplies
91885	Garratt Callahan Company	3,446.17	Chemicals
91886	General Petroleum	2,531.42	Engine Oil
91887	Goldenwest Window Service	5,760.00	Groundskeeping Services - Various Projects
91888	Government Finance Officers Association	105.00	Meeting Registration - Division 220
91889	Grainger, Inc.	1,076.43	Electrical Supplies & Tools
91890	Graybar Electric Company	11,894.25	Instrument/Computer Parts & Supplies & Training - Modicon
91891	Haaker Equipment Company	2,175.51	Misc. Vehicle, Parts, Repairs & Service
91892	Hach c/o Ponton Industries	166.51	Lab & Instrument Parts & Supplies
91893	Hatch & Kirk, Inc.	3,996.11	Mechanical Parts & Supplies
91894	Hill Brothers	16,006.39	Chemicals - Odor & Corrosion Control - Newport Trunkline
91895	Hilti, Inc.	1,249.31	Tools
91896	Home Depot	1,469.36	Misc. Repair & Maintenance Material
91897	Hope Health/IHAC	508.78	Publication - Wellness Newsletters
91898	Hopkins Technical Products	913.48	Mechanical Parts & Supplies
91899	Hub Auto Supply	119.80	Vehicle Parts & Supplies
91900	Humphrey Constructors	20,000.00	Construction - Plt. 1 Scrubbers 5-8 Drain Additions
91901	Huntington Beach Library	740.00	Meeting Room Rental Fee
91902	IDEXX	6,465.00	Lab Parts & Supplies
91903	Industrial Distribution Group	2,921.86	Mechanical Parts, Tools & Misc. Supplies
91904	Industrial Metal Supply	2,347.86	Metal
91905	Industrial Threaded Products, Inc.	2,452.26	Inventory Fasteners
91906	Infilco Degremont, Inc.	6,463.83	Brake Motor & Mechanical Parts & Supplies
91907	Inplant Sales, L.L.C.	419.23	Mechanical Parts & Supplies
91908	Intelligence Press, Inc.	1,649.00	Subscription
91909	Interstate Batteries of Cal Coast	268.14	Batteries for Vehicles & Carts
91910	Invensys Systems, Inc.	1,268.70	Instrument Parts & Supplies
91911	Irvine Ranch Water District	51.51	Water Use
91912	Jays Catering	561.12	Meeting Expenses

**Claims Paid From 06/16/07 to 06/30/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91913	Jensen Instrument Co.	2,265.20	Pressure Gauge
91914	Johnstone Supply	256.93	Electrical Parts & Supplies
91915	Kelly Paper	1,047.77	Paper
91916	Kforce, Inc.	3,346.20	Temporary Employment Services
91917	KML Enterprises/New Horizons of So. Cal.	640.00	Training Registration
91918	L & N Uniform Supply Co., Inc.	34.66	Polo Shirts
91919	L&N Image Apparel	447.28	Safety Supplies
91920	Lab Support	1,085.20	Temporary Employment Services
91921	Long Beach Iron Works	1,885.63	Manhole Frames & Covers
91922	M. J. Schiff and Associates, Inc.	14,206.38	Temporary Employment Services
91923	Maintenance Technology Corp.	521.51	Mechanical Parts & Supplies
91924	Mandic Motors	525.00	Towing Services
91925	Marking Services, Inc.	120.24	Asset Tags
91926	McJunkin Corporation	2,907.41	Mechanical Parts & Supplies
91927	McMahan Business Interiors	2,577.21	Miscellaneous Office Furniture
91928	McMaster Carr Supply Co.	8,102.43	Mechanical & Lab Parts, Supplies & Tools
91929	MCR Technologies, Inc.	7,313.64	Instrument Parts & Supplies
91930	Measurement Control Systems, Inc.	1,499.13	Repair & Calibration Services - Flow Meter
91931	Midway Mfg. & Machining Co.	7,143.83	Mechanical Parts & Supplies
91932	Mitchell Instrument Co.	1,709.00	Instrument Parts & Supplies
91933	Mobile Hose & Hydraulic Supply	3,906.40	Hoses
91934	MWH Americas, Inc.	4,677.76	Professional Services P2-74
91935	Myron L Company	618.69	Meter
91936	National Seminars Group	249.00	Training Registration
91937	Nautilus Environmental, L.L.C.	3,200.00	Outside Laboratory Services
91938	Neal Supply Co.	95.29	Plumbing Supplies
91939	Neutron Products, Inc.	5,792.90	Anionic Polymer
91940	New Horizons, C.L.C. of Santa Ana	860.00	On-Site Training - MS Word 2003
91941	Newark Electronics	486.30	Instrument Supplies
91942	Newport Beach	183.18	Water Use
91943	The Norco Companies	389.02	Mail Delivery Service
91944	O C Tanner Recognition Company	1,493.70	Employee Service Awards Program
91945	OCB Reprographics	6,500.63	Printing Service - MO 1/26/00
91946	On-Site Storage Solutions	2,047.25	20-Foot Used Dry Van Container and Installation of Turbine Vent
91947	Onesource Distributors, Inc.	5,207.71	Electrical Parts & Supplies
91948	Oracle Corporation	740.49	Software License and Maintenance Agreement Renewal
91949	Orange County Business Council	850.00	Meeting Registration - Division 110
91950	Orange County Plating Co., Inc.	1,640.00	Repair & Maintenance Services - Pump Parts
91951	Orange Fluid System Technologies, Inc.	995.74	Plumbing Parts & Supplies
91952	Oxygen Service Company	987.25	Specialty Gases & Lab Parts & Supplies
91953	PL Hawn Company, Inc.	48.96	Electrical Parts & Supplies
91954	Pompaaction, Inc.	585.00	Pump Parts & Supplies
91955	PrinterGuy	980.43	Printer Maintenance
91956	Prudential Overall Supply	2,953.40	Uniforms & Related Articles
91957	Putzmeister America, Inc.	397.35	Mechanical Parts & Supplies
91958	Q Air Calif. - Div. of Pump Engineering	272.80	Oil Filters
91959	Rain for Rent	1,194.95	Equipment Rentals P1-37
91960	Rainbow Disposal Co.	2,897.37	Trash Removal
91961	RBF Consulting	6,524.49	Surveying Services - P2-74 & I-10

**Claims Paid From 06/16/07 to 06/30/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
91962	Restek Corp.	1,061.54	Lab Parts & Supplies
91963	RMS Engineering & Design, Inc.	1,307.50	RMS Engineering & Design, Inc.
91964	Rockwell Engineering & Equipment Co.	5,719.45	Vaughan Submersible Chopper Pump
91965	Royal Wholesale Electric	1,735.21	Electrical Parts & Supplies
91966	RPM Electric Motors	429.01	Electrical Parts & Supplies
91967	RS Hughes Co., Inc.	133.50	Paint Supplies
91968	Saddleback Materials Co., Inc.	331.40	Hardware
91969	SC Fuels	9,592.87	Diesel Fuel
91970	Schwing Bioset	171.96	Mechanical Parts & Supplies
91971	Scottel Voice & Data, Inc.	302.50	Telephone System Maintenance
91972	SCP Science	13.00	Freight Charges
91973	SETAC	140.00	Membership
91974	Shamrock Supply Co., Inc.	2,698.25	Custodial Supplies
91975	Sheshunoff	484.95	Subscription
91976	Shureluck Sales & Engineering	956.17	Mechanical Parts & Supplies
91977	Siemens Water Technologies Corp.	326.37	Service Agreement - DI Water Systems at Plants 1 & 2
91978	Sigma Aldrich, Inc.	1,363.27	Lab Parts & Supplies
91979	Skalar, Inc.	2,619.52	Equipment Repair & Calibration Services
91980	SkillPath Seminars	198.00	Training Registration
91981	Smardan Supply Company	332.44	Mechanical Parts & Supplies
91982	Southern California Edison	72.75	Power
91983	Southern California Trane Service	3,691.50	Mechanical Parts & Supplies
91984	Southland Electrical Supply Co., Inc.	510.86	Electrical Parts & Supplies
91985	Southwest Pipeline and Trenchless Co.	4,760.00	Repair & Maintenance Services - Video & Grind Protruding Laterals in 8" Sewer Main - City of Tustin
91986	Spectrum Laboratory Products, Inc.	63.78	Lab Parts & Supplies
91987	SPEX Certiprep, Inc.	70.00	Lab Parts & Supplies
91988	Square D Company	486.50	Instrument Repairs & Maintenance Services
91989	Summit Steel	2,410.91	Metal
91990	Sunset Ford	69.69	Vehicle Parts & Service
91991	Sunset Industrial Parts	271.44	Mechanical Parts & Supplies
91992	T & C Industrial Controls, Inc.	1,010.37	Electrical Parts & Supplies
91993	Terminix International	235.00	Pest Control
91994	Testamerica Ontario	2,177.50	Analysis of Biosolids
91995	The Walking Man, Inc.	425.00	Printing and Distribution for Various Construction Projects
91996	Thermo Electron Corp.	10.00	Freight Charges
91997	Thomas V. Gerlinger	1,365.00	Lab Analyses
91998	Thompson Industrial Supply, Inc.	5,024.51	Mechanical Parts & Supplies
91999	Time Warner Communication	51.08	Cable Services
92000	Tom C. Johnson	125.00	Meeting Registration - Division 434
92001	Tony's Lock & Safe Service & Sales	5.39	Locks & Keys
92002	Tri-State Seminar On-the-River	330.00	Training Registration
92003	Tri-County Fire	663.74	Fire Extinguishers
92004	UC Regemts CPER	112.62	Books & Publications
92005	UC Regents	1,196.37	Professional Services - Strategic Process Study Research Project
92006	UC Regents	650.00	Training Registration
92007	Underground Service Alert of So. Calif	2,014.40	Underground Utility Identification/Dig Alert Notification Service
92008	Union Bank of California	310.74	Banking Services
92009	United Pacific Services, Inc.	600.00	Landscape Maintenance at Plants 1 & 2 and Pump Stations
92010	United Parcel Service	29.00	Parcel Services

**Claims Paid From 06/16/07 to 06/30/07**

<b>Warrant No.</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
92011	US Equipment Co., Inc.	1,537.65	Repair & Maintenance Services - Fleet Services Air Compressor
92012	Valley Detroit Diesel Allison	793.00	Mechanical Parts & Supplies
92013	Verizon California	217.57	Telephone Services
92014	Vibralign, Inc.	22,663.13	XA Shaft Alignment System
92015	Vision Service Plan CA	9,757.80	Vision Service Premium
92016	VWR Scientific Products	7,234.70	Lab Parts & Supplies
92017	Wally Machinery and Tool Supply, Inc.	94.73	Mechanical Parts & Supplies
92018	Water Environment Federation	760.00	Training Registration
92019	Waters Corporation	23,896.67	Lab Parts & Supplies
92020	Waxie Sanitary Supply	91.38	Janitorial Supplies
92021	Wells Supply Co.	51.72	Mechanical Parts & Supplies
92022	West Group/West Publishing Ctr.	498.48	Publication
92023	West Lite Supply Company, Inc.	973.14	Electrical Parts & Supplies
92024	Western States Controls	775.93	Electrical Parts & Supplies
92025	Xerox Corporation	20,461.89	Stationery & Office Supplies
92026	Xyon Business Solutions, Inc.	2,520.00	Temporary Employment Services
92027	Yale/Chase Materials Handling, Inc.	5.22	Electric Cart Parts
92028	YSI, Inc.	1,835.60	Lab Parts & Supplies
92029	Union Bank of California	4,292.05	Construction SP-81, Retention
92030	James L. Burror	125.00	Meeting/Training Expense Reimbursement
92031	Patrick B. Carnahan	2,761.02	Meeting/Training Expense Reimbursement
92032	James M. Elo	170.00	Meeting/Training Expense Reimbursement
92033	Dionne Kardos	804.09	Meeting/Training Expense Reimbursement
92034	John Kavoklis	440.00	Meeting/Training Expense Reimbursement
92035	Jeffrey L. Key	2,198.35	Meeting/Training Expense Reimbursement
92036	Laurie J. Klinger	79.85	Meeting/Training Expense Reimbursement
92037	Michael E. McCarthy	825.00	Meeting/Training Expense Reimbursement
92038	Roland T. McReynolds	73.00	Meeting/Training Expense Reimbursement
92039	Michael N. Morey	195.00	Meeting/Training Expense Reimbursement
92040	Andrew H. Nau	32.69	Meeting/Training Expense Reimbursement
92041	Mark S. Roberts	107.00	Meeting/Training Expense Reimbursement
92042	Ken A. Sakamoto	825.00	Meeting/Training Expense Reimbursement
92043	Lillie A. Sullivan	842.62	Meeting/Training Expense Reimbursement
92044	John W. Swindler	82.52	Meeting/Training Expense Reimbursement
92045	Robert J. Thiede	45.51	Meeting/Training Expense Reimbursement
92046	Christina M. Thomas	825.00	Meeting/Training Expense Reimbursement
92047	Kwen T Tjen	140.22	Meeting/Training Expense Reimbursement
92048	Joanne Ward	130.00	Meeting/Training Expense Reimbursement
92049	Simon L. Watson	122.00	Meeting/Training Expense Reimbursement
92050	City of Santa Ana	3,060.49	Cooperative Projects Reimbursement Program
92051	Terry W. Krie	969.74	Meeting/Training Expense Reimbursement
92052	South Coast Air Quality Management Dist.	139.22	Excess Emissions Hearing Board Fee/or Permit Fee
92053	South Coast Air Quality Management Dist.	3,701.25	Permit Fees - Annual Emission, Operation & Misc. Fees
92054	Clerk of the Court	490.00	Vehicle Citation
	<b>Total Accounts Payable - Warrants</b>	<b><u>\$ 15,443,578.99</u></b>	

**Claims Paid From 06/16/07 to 06/30/07**

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
<b><u>Payroll Disbursements</u></b>			
36925 - 36990	Employee Paychecks	\$ 125,851.76	Biweekly Payroll - 06/20/07*
36992 - 37000	Employee Paychecks	11,368.28	Interim Payroll - Retros, Termination & Payout -6/18/07 - 06/22/07
141859 - 142410	Direct Deposit Statements	1,217,161.84	Biweekly Payroll - 06/20/07**
	<b>Total Payroll Disbursements</b>	<b><u>\$ 1,354,381.88</u></b>	
			*Payroll Check Nos. 36925-36990 were printed out of order on 6/14/07. Check No. 36991 was paid on 6/14/07.
			**Direct Deposit Statements 141857 -141858 - Not Usable
<b><u>Wire Transfer Payments</u></b>			
	OCSD Payroll Taxes & Contributions	\$ 669,007.16	Biweekly Payroll 06/20/07
	US Bank	697,671.38	Series 2000 A & B Refunding COPs June Interest Payment
	<b>Total Wire Transfer Payments</b>	<b><u>\$ 1,366,678.54</u></b>	
	<b>Total Claims Paid 06/16/07 - 06/30/07</b>	<b><u>\$ 18,164,639.41</u></b>	



# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 07/18/07
Item Number	Item Number 8(b)

Orange County Sanitation District

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

**SUBJECT:** CHANGES AND ADDITIONS TO THE PERSONNEL POLICIES AND PROCEDURES MANUAL

### GENERAL MANAGER'S RECOMMENDATION

Adopt Resolution No. OCSD 07-16, amending Resolution No. OCSD 98-33, amending the OCSD Board of Directors Personnel Policies and Procedures Manual.

### SUMMARY

The following is a review of policy revisions posted on the Board of Directors' website in February 2007:

Policy Number and Subject	Reason For Policy Changes
D10.00 – Leave of Absence With Pay (effective date: 2/28/07)	<ul style="list-style-type: none"><li>Changed Administrative Leave usage from minimum one-day increments to minimum 15-minute increments. This change was consistent with vacation and personal leave usage.</li></ul>
E80.00 – Telephones	<ul style="list-style-type: none"><li>Clarified reimbursement requirements on all OCSD-issued mobile telephone use in excess of Personal Use Plans, lost or damaged OCSD mobile telephone equipment, and non-business service feature costs. Defined "business use" and outline procedures for mobile telephone assignments. Revamped the Request for Mobile Telephone Form to meet policy requirements.</li></ul>
F41.00 – Vehicle Usage	<ul style="list-style-type: none"><li>Outlined operational procedures for roadside assistance with regard to OCSD assigned vehicles.</li></ul>

In addition, the following policies are being submitted to the Board of Directors for consideration, and the table outlines recommended changes to OCSD policies:

Policy Number and Subject	Reason For Policy Changes
B150.00 – Recruitment and Selection	Clarification of probationary periods, and revised procedures for internal and external recruitments and interviews due to procedural change. Removal of Section 5.8: Planned Recruitment.

<b>Policy Number and Subject</b>	<b>Reason For Policy Changes</b>
C10.10 – Classification and Compensation	<p>Achieve consistency with recently negotiated MOU provisions. Changes include:</p> <ul style="list-style-type: none"> <li>• Revisions to Y-rating system and removal of Z-rating system.</li> <li>• Revisions of classification study procedures</li> <li>• Revisions concerning passage of probationary period and review of performance during probationary period.</li> <li>• Revisions to the pay grade system, including a change from six (6) to five (5) steps with an approximate 5.0% difference between each step and guidelines for merit increases.</li> </ul>
D10.00 – Leave of Absence With Pay	<p>Achieve consistency with recently negotiated MOU provisions. Changes include:</p> <ul style="list-style-type: none"> <li>• Addition of family members for which sick leave, unscheduled time off, and bereavement can be used.</li> <li>• Revisions concerning procedures and use of unscheduled time off for Local 501 employees.</li> </ul>
D20.00 – Leave of Absence Without Pay	<p>Achieve consistency with recently negotiated MOU provisions. Changes include:</p> <ul style="list-style-type: none"> <li>• Clarification that employees will not be granted an unpaid leave of absence prior to exhausting all paid leave accruals (excludes employees protected by PDL/FMLA/CFRA for their own serious health condition).</li> <li>• Clarification that the 12 month calendar period for FMLA/CFRA is a “rolling” calendar period.</li> <li>• Addition of family members for which FMLA/CFRA leave can be used.</li> <li>• Clarification of current practice regarding submission of monthly insurance co-payments while on leaves of absence.</li> </ul>
D30.00 - Holidays	<p>The holiday schedule is being modified to achieve consistency with recently negotiated Memorandum of Understanding (MOU) provisions.</p>

Policy Number and Subject	Reason For Policy Changes
D50.00 - Insurance	Ensure compliance, procedural efficiency, and consistency with recently negotiated MOU provisions. Changes include: <ul style="list-style-type: none"> <li>• Clarification regarding qualifying events.</li> <li>• Definition of the IRS Irrevocability Rule, domestic partner and COBRA.</li> <li>• Clarification of Flexible Spending Account plan changes outside of open enrollment</li> <li>• Addition of vision insurance to a deceased employee's survivors benefits to encompass all health insurance</li> <li>• Replacement of the exact dollar figure for short-term disability with the California SDI maximum.</li> <li>• Clarification that OCSD pays COBRA premiums subsequent to the employee's death.</li> </ul>
D51.00 – Pro Rata Benefits for Part-Time Employees	This policy is being modified due to a procedural change. The frequency of health insurance premium contribution deductions has been changed to bi-monthly instead of monthly.

**PRIOR COMMITTEE/BOARD ACTIONS**

OCSD policy revisions were last posted on the Board of Directors' website in February 2007.

**ADDITIONAL INFORMATION**

The full title of the Personnel Policies and Procedures Manual (as referenced in the subject line of this Agenda Report) is: The Orange County Sanitation District Board of Directors Personnel Policies and Procedures Manual.

In keeping with the restructure of the Board of Directors' standing committees, policies are posted to the Board of Directors' website. On an annual basis, due to a change in Board of Directors' procedures, policy revisions posted on the Board of Directors' website are subject to final review at the end of the year.

Policies B150.00, C10.10, D10.00 (effective date 7/18/07), D20.00, D30.00, D50.00 and D51.00 are being submitted to the Board of Directors for consideration, but have not been posted previously to the Board of Directors' website. They will be posted on the Board of Directors' website on July 16, 2007

# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 07/18/07
Item Number	Item Number 8(c)

Orange County Sanitation District

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

**SUBJECT:** ANNUAL REVIEW AND ADOPTION OF THE DISTRICT'S INVESTMENT POLICY STATEMENT AND DELEGATION OF INVESTMENT AUTHORITY TO THE DIRECTOR OF FINANCE AND ADMINISTRATIVE SERVICES

### GENERAL MANAGER'S RECOMMENDATION

Adopt Resolution No. OCSD 07-17, Authorizing the District's Treasurer to Invest and/or Reinvest District's Funds; Adopting District's Investment Policy Statement and Performance Benchmarks for FY 2007-08; and Repealing Resolution No. OCSD 06-17.

### SUMMARY

This agenda item presents the annual review of the District's Investment Policy Statement to the Administration Committee for consideration in the Committee's capacity as the oversight committee for the Investment Policy (Section 16.2). With adoption of the attached Resolution, the Board of Directors would readopt the District's current Investment Policy Statement, portfolio performance benchmarks, and monitoring and reporting requirements for FY 2007-08.

The District's Investment Policy Statement is recommended for adoption for FY 2007-08 that includes a revision that matches the legislative changes made to the State Government Code since the adoption of the FY 2006-07 Investment Policy.

The District's FY 2007-08 Investment Policy Statement is recommended for adoption with no changes from FY 2006-07.

Staff will continue to monitor pending legislative and regulatory proposals in the public finance area for their potential impact on the District's existing financial programs.

The District's Investment Policy Statement has received the Investment Policy Certification of Excellence Award from the Municipal Treasurer's Association of the United States and Canada.

## **PRIOR COMMITTEE/BOARD ACTIONS**

The District's current Investment Policy Statement was reviewed and approved by FAHR on July 12, 2006, and adopted by the Board of Directors on July 19, 2006 (Resolution No. 06-17).

## **ADDITIONAL INFORMATION**

### Background

The Investment Policy governs the investment activities of Pacific Investment Management Company (PIMCO), the District's external money manager, on behalf of the District. On April 25, 2005, the District's Investment Policy Statement received the Investment Policy Certification of Excellence Award from the Municipal Treasurer's Association of the United States and Canada. A copy of the letter of certification is included each year in the annual Investment Policy document. The District received its first Award of Excellence for the Investment Policy Statement in December 1996.

The [existing](#) Investment Policy document itself consists of the Investment Policy Statement and the following eight appendices:

- A. Summary of Investment Authorization
- B. Treasury Management Procedures
- C. Investment Manager Certification
- D. Investment Pool Questionnaire (LAIF)
- E. Board Resolution No. OCSD-06-17
- F. Sample Monthly & Quarterly Investment Program Monitoring Reports
- G. Sections of the California Government Code Pertinent to Investing Public Funds
- H. Glossary of Investment Terms

This document will be updated and delivered to Administration Committee members following the adoption of the District's investment policy statement.

### Annual Review of Investment Policy

The Investment Policy includes the requirement that the District shall review its Investment Policy annually (Sections 1.2 and 16.1).

This staff report presents the annual review of the District's Investment Policy Statement to the Administration Committee for consideration in the Committee's capacity as the oversight committee for the District's investment program (Section 16.2). With adoption of the attached Resolution, the Board of Directors would re-adopt the District's current Investment Policy Statement, portfolio performance benchmarks, and monitoring and reporting requirements.

The District's Investment Policy Statement is recommended for adoption for FY 2007-08 with no changes from FY 2006-07.

Staff will continue to monitor pending legislative and regulatory proposals in the public finance area for their potential impact on the District's existing financial programs.

#### Annual Delegation of Investment Authority

Effective January 1, 1997, Section 53607 of the Code states that governing boards of local agencies may only delegate authority to invest and/or reinvest agency funds to the agency's Treasurer for a one-year period.

With adoption of the attached Resolution, the Board of Directors would renew its delegation of investment authority to the Director of Finance and Administrative Services/Treasurer for a one-year period in compliance with the requirements of Section 53607. Each year, the Board of Directors will consider similar actions along with the annual reconsideration of the District's Investment Policy.

#### **ATTACHMENTS**

1. Proposed Resolution No. OCSD 07-17
2. Exhibit A - OCSD's FY 2007-08 Investment Policy Statement
3. Exhibit B - Performance Monitoring & Reporting

RESOLUTION NO. OCSD-07-17

AUTHORIZING THE DISTRICT'S TREASURER TO INVEST AND/OR REINVEST DISTRICT'S FUNDS, AND ADOPTING DISTRICT'S INVESTMENT POLICY STATEMENT AND PERFORMANCE BENCHMARKS

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE ORANGE COUNTY SANITATION DISTRICT, AUTHORIZING THE DISTRICT'S TREASURER TO INVEST AND/OR REINVEST DISTRICT'S FUNDS, AND ADOPTING DISTRICT'S INVESTMENT POLICY STATEMENT AND PERFORMANCE BENCHMARKS; AND REPEALING RESOLUTION NO. OCSD 06-17

\* \* \* \* \*

WHEREAS, on July 19, 2006, the Board of Directors adopted Resolution No. 06-17, readopting the District's Investment Policy Statement, and establishing specific performance benchmarks and objectives, together with a schedule of frequency of investment performance reports; and,

WHEREAS, pursuant to California Government Code Section 53607, the Board of Directors may delegate authority to invest and/or reinvest District's funds to the Treasurer for a one-year period; and,

WHEREAS, pursuant to California Government Code Section 53646, the District is required to review its Investment Policy annually and readopt its Policy at a public meeting, which Policy will establish specific performance benchmarks and objectives, and specific monitoring and reports.

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

DOES HEREBY RESOLVE, DETERMINE AND ORDER:

Section 1: That the authority of the Board of Directors to invest or reinvest District's surplus funds, or to sell or exchange securities so purchased, or to deposit for safekeeping the funds and investments of the Districts with depositories, as provided for in California Government Code Sections 53608 and 53630, is hereby delegated to the District's Treasurer for a one-year period commencing on the date this Resolution is adopted, as authorized by California Government Code Section 53607.

Section 2: That the Board of Directors hereby adopts the Investment Policy Statement of the Orange County Sanitation District, as set forth in Exhibit "A", attached hereto and incorporated herein by reference.

Section 3: That the Board of Directors hereby adopts the following specific performance benchmarks for their two investment funds in accordance with Section 14.0 of the District's Investment Policy:

LIQUID OPERATING MONIES: The Short-Term Operating Fund will be compared to the three month T-Bill rate, and the Callan Active Cash Flow Income Style Group. The Callan Active Cash Flow Income Style Group represents a peer group of managers who operate with a maximum maturity of one year.

LONG-TERM OPERATING MONIES: The Long-Term Operating Fund will be compared to the Merrill Lynch Government and Corporate One-to-Five-Year Maturity Index and to the Callan Defensive Fixed Income Style Group.

Section 4: That the Board of Directors hereby adopts a performance monitoring and reporting schedule, as required by Section 15.0 of the District's Investment Policy, which schedule is attached hereto as Exhibit "B", and incorporated herein by reference.

Section 5: That Resolution No. OCSD 06-17 is hereby repealed.

PASSED AND ADOPTED at regular meeting held July 18, 2007.

---

Chair

ATTEST:

---

Clerk of the Board





# **ORANGE COUNTY SANITATION DISTRICT**

## **INVESTMENT POLICY STATEMENT**

**Proposed for  
Review and Approval  
By  
Administration Committee  
On  
July 11, 2007**

**And for Adoption  
By  
Board of Directors  
On  
July 18, 2007**

# **TABLE OF CONTENTS**

<b><u>Section</u></b>	<b><u>Topic</u></b>	<b><u>Page</u></b>
1.0	Policy .....	1
2.0	Scope .....	1
3.0	Standard of Prudence .....	1
4.0	Investment Objectives .....	2
5.0	Delegation of Authority .....	2
6.0	Ethics and Conflicts of Interest.....	3
7.0	Authorized Financial Dealers and Institutions .....	3
8.0	Authorized and Suitable Investments.....	5
9.0	Collateralization.....	9
10.0	Safekeeping and Custody .....	9
11.0	Diversification.....	9
12.0	Maximum Maturities .....	11
13.0	Internal Control.....	12
14.0	Performance Objectives and Benchmarks .....	12
15.0	Reporting .....	12
16.0	Investment Policy Adoption and Revision .....	13

## **Appendix**

- A. Summary of Investment Authorization

# ORANGE COUNTY SANITATION DISTRICT

## INVESTMENT POLICY STATEMENT

---

### 1.0 **Policy:**

It is the policy of the Orange County Sanitation District (OCSD) to invest public funds in a manner which ensures the safety and preservation of capital while meeting reasonably anticipated operating expenditure needs, achieving a reasonable rate of return and conforming to all state and local statutes governing the investment of public funds.

1.1. This Investment Policy is set forth by OCSD for the following purposes:

1.1.1. To establish a clear understanding for the Board of Directors, OCSD management, responsible employees and third parties of the objectives, policies and guidelines for the investment of the OCSD's idle and surplus funds.

1.1.2. To offer guidance to investment staff and any external investment advisors on the investment of OCSD funds (see Appendix "A").

1.1.3. To establish a basis for evaluating investment results.

1.2. OCSD establishes investment policies which meet its current investment goals. OCSD shall review this policy annually, and may change its policies as its investment objectives change.

### 2.0 **Scope:**

This Investment Policy applies to all financial assets of OCSD; except for the proceeds of OCSD's capital projects financing program, which are invested in accordance with provisions of their specific bond indentures; and such other funds excluded by law or other Board-approved covenant or agreement.

These funds are accounted for by OCSD as Enterprise Funds as represented in OCSD's Comprehensive Annual Financial Report.

### 3.0 **Standard of Prudence:**

The standard of prudence to be used by OCSD's internal staff, and any authorized investment advisor(s), shall be as described in Section 53600.3 of the California Government Code as follows: Except as provided in subdivision (a) of Section 27000.3, all governing bodies of local agencies or persons authorized to make investment decisions on behalf of those local agencies investing public funds pursuant to this chapter are trustees and therefore fiduciaries subject to the **prudent investor** standard. When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and

diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a **prudent person** acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency. Within the limitations of this section and considering individual investments as part of an overall strategy, investments may be acquired as authorized by law.

#### 4.0 **Investment Objectives:**

The primary objectives of OCSD's investment activities, in priority order, and as described in Section 53600.5 of the California Government Code, shall be:

- 4.1 **Safety:** The safety and preservation of principal is the foremost objective of the investment program of OCSD. Investments shall be selected in a manner that seeks to ensure the preservation of capital in OCSD's overall portfolio. This will be accomplished through a program of diversification, more fully described in Section 11.0, and maturity limitations, more fully described in Section 12.0, in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.
- 4.2 **Liquidity:** The investment program will be administered in a manner that will ensure that sufficient funds are available for OCSD to meet its reasonably anticipated operating expenditure needs.
- 4.3 **Return on Investments:** The OCSD investment portfolio will be structured and managed with the objective of achieving a rate of return throughout budgetary and economic cycles, commensurate with legal, safety, and liquidity considerations.

#### 5.0 **Delegation of Authority:**

- 5.1 Authority to manage OCSD's investment program is derived from the California Government Code Sections 53600 *et seq.* and Sections 53635 *et seq.* The Board of Directors hereby delegates management responsibility for the OCSD investment program to its Director of Finance and Administrative Services/Treasurer, who shall establish written procedures for the operation of the investment program, consistent with this Policy. The Controller/Assistant Treasurer shall be responsible for day-to-day administration, monitoring, and the development of written administrative procedures for the operation of the investment program, consistent with this Policy. The current treasury management procedures are presented in Appendix "B." No person may engage in an investment transaction except as provided under the terms of this Policy and the procedures established by the Treasurer. The Treasurer shall be responsible for all transactions undertaken by OCSD's internal staff, and shall establish a system of controls to regulate the activities of internal staff and external investment advisors engaged in accordance with Section 5.3.

- 5.2 The administrative procedures for the operation of OCSD's investment program will provide for, but not be limited to, the following:
- 5.2.1 Formats for monthly and quarterly reports to the Administration Committee, and the Board of Directors.
  - 5.2.2 Compliance with generally accepted accounting principles of the Government Accounting Standards Board.
  - 5.2.3 Establishment of benchmarks for performance measurement.
  - 5.2.4 Establishment of a system of written internal controls.
  - 5.2.5 Establishment of written procedures for competitive bids and offerings of securities that may be purchased or sold by internal OCSD staff.
  - 5.2.6 Establishment of a Desk Procedures Manual for treasury operations and management.
- 5.3 The Board of Directors of OCSD may, in its discretion, engage the services of one or more registered investment advisors to assist in the management of OCSD's investment portfolio in a manner consistent with OCSD's objectives. Such external investment advisors, which shall be selected through a competitive process, shall be granted discretion to purchase and sell investment securities in accordance with this Investment Policy. Such advisors must be registered under the Investment Advisers Act of 1940, or be exempt from such registration.

6.0 **Ethics and Conflicts of Interest:**

- 6.1 Officers and employees of OCSD involved in the investment process shall refrain from personal business activities that could conflict with proper execution of OCSD's investment program, or which could impair their ability to make impartial investment decisions. Employees and investment officials shall disclose to the General Manager any material financial interests in financial institutions that conduct business within OCSD's boundaries, and they shall further disclose any large personal financial/investment positions, the performance of which could be related to the performance of positions in OCSD's portfolio.

7.0 **Authorized Financial Dealers and Institutions:**

- 7.1 For investment transactions conducted by OCSD's internal staff, the Treasurer will maintain a list of financial institutions authorized to provide investment services to OCSD, including "primary" or regional dealers that qualify under Securities and Exchange Commission Rule 15C3-1 (Uniform

Net Capital rule), and Federal or State of California chartered banks. No public deposit shall be made except in a qualified public depository as established by State law.

All financial institutions which desire to become qualified bidders for investment transactions with OCSD must supply the following for evaluation by the Treasurer:

7.1.1. Audited financial statements for the institution's three (3) most recent fiscal years.

7.1.2. A statement, in the format prescribed by the Government Finance Officers Association (GFOA), certifying that the institution has reviewed OCSD's Investment Policy and that all securities offered to OCSD shall comply fully and in every instance with all provisions of the California Government Code and with this Investment Policy. The current statement is presented in Appendix "C."

7.1.3. A statement describing the regulatory status of the dealer, and the background and expertise of the dealer's representatives.

Selection of financial institutions, broker/dealers, and banks authorized to engage in transactions with OCSD shall be made through a competitive process. An annual review of the financial condition of qualified institutions will be conducted by the Treasurer.

7.2 Selection of broker/dealers used by external investment advisors retained by OCSD, shall be in compliance with contract provisions between OCSD and any external investment advisors, and shall be in substantially the following form:

Use of Securities Brokers: Neither the Investment Advisor nor any parent, subsidiary or related firm shall act as a securities broker with respect to any purchases or sales of securities which may be made on behalf of OCSD, provided that this limitation shall not prevent the Investment Advisor from utilizing the services of a securities broker which is a parent, subsidiary or related firm, provided such broker effects transactions on a "cost only" or "nonprofit" basis to itself and provides competitive execution. The Investment Advisor shall provide OCSD with a list of suitable independent brokerage firms (including names and addresses) meeting the requirements of Government Code Section 53601.5, and, unless otherwise directed by OCSD, the Investment Advisor may utilize the service of any of such independent securities brokerage firms it deems appropriate to the extent that such firms are competitive with respect to price of services and execution.

## 8.0 **Authorized and Suitable Investments:**

All investments shall be made in accordance with the California Government Code including Sections 16429.1 *et seq.*, 53600 *et seq.*, and 53684, and as described within this Investment Policy. Permitted investments under this Policy shall include:

- 8.1 **Securities, obligations, participations, or other instruments of, or issued by, or fully guaranteed as to principal and interest by the US Government**, a federal agency, or a US Government-sponsored enterprise pursuant to Section 53601 (e) of the California Government Code. Investment in mortgage-backed bonds and CMOs is not governed by this Section 8.1, even if such bonds are issued by agencies of the US Government. See Section 8.2 for conditions of purchase of mortgage-backed securities. See Section 8.12 for conditions of purchase of CMOs.
- 8.2 **Mortgage-backed securities** issued by an agency of the US Government, which are backed by pools of mortgages guaranteed by the full faith and credit of the U.S. Government, or an agency thereof. Purchase of mortgage derivatives, which include interest-only payments (IOs) and principal-only payments (POs); inverse floaters, and RE-REMICs (Real Estate Mortgage Investment Conduits), is hereby prohibited.
- 8.3 **Commercial paper** of "prime" quality and rated "P1" by Moody's Investor Services (Moody's), *and* rated "A1" by Standard & Poor's Corporation (S&P), and issued by a domestic corporation organized and operating in the United States with assets in excess of \$500 million and having a rating of "A" or better on its long-term debt as provided by Moody's or S&P. Purchases of eligible commercial paper may not exceed 270 days to maturity from the date of purchase. Purchases of commercial paper shall not exceed 15% of the market value of the portfolio, except that a maximum of 25% of the market value of the portfolio may be invested in commercial paper, so long as the average maturity of all commercial paper in the portfolio does not exceed 31 days. No more than 5% of the market value of the portfolio, or 10% of the issuer's outstanding paper, may be invested in commercial paper issued by any one (1) eligible corporation.
- 8.4 **Banker's acceptances** issued by institutions, the short-term obligations of which are rated a minimum of "P1" by Moody's, or "A1" by S&P provided that: (a) the acceptance is eligible for purchase by the Federal Reserve System; (b) the maturity does not exceed 180 days; (c) no more than 40% of the total portfolio may be invested in banker's acceptances; and (d) no more than 30% of the total portfolio may be invested in the banker's acceptances of any one (1) commercial bank.
- 8.5 **Medium term (or corporate) notes** of a maximum of five (5) years maturity issued by corporations organized and operating within the United States, or issued by depository institutions licensed by the United States, or any state, and operating within the United States with assets in excess of \$500 million, and which is rated in a rating category of "A" or better on its long-term debt

as provided by Moody's or S&P. Notes eligible for investment under this section shall be rated at least "A3" or better by Moody's, or "A-" or better by S&P. If, at the time of purchase, an eligible note is rated in a rating category of "A" or better by only one rating agency, the note shall also be rated at least "BBB" by the other rating agency. If, after purchase, the rating of an eligible note in a rating category of "A" or better, is downgraded to "BBB," the external investment advisor shall notify OCSD of the downgrade, and shall present an analysis and recommendations as to the disposition of the note consistent with the investment objectives of this Investment Policy. The above restrictions pertain to the "direct issuer" and do not extend to the parent corporation of the direct issuer. No more than 35% of the portfolio may be invested in both medium term notes, as described here in 8.5, and notes, bonds, or other obligations, as described in 8.6.

- 8.6 **Notes, bonds, or other obligations** that are at all times secured by a valid first priority security interest in securities of the types listed by California Government Code Section 53651 as eligible securities for the purpose of securing local agency deposits having a market value at least equal to that required by California Government Code Section 53652 for the purpose of securing local agency deposits. The securities serving as collateral shall be placed by delivery or book entry into the custody of a trust company or the trust department of a bank that is not affiliated with the issuer of the secured obligation, and the security interest shall be perfected in accordance with the requirements of the Uniform Commercial Code or federal regulations applicable to the types of securities in which the security interest is granted. No more than 35% of the portfolio may be invested in securities described in 8.5 and 8.6.
- 8.7 **Shares of mutual funds** investing in securities permitted under this policy and under Section 53601 (k) of the California Government Code. Such funds must either: (1) attain the highest ranking, or the highest letter and numerical rating, provided by not less than two of the three largest nationally recognized rating services; or (2) have an Investment Advisor registered with the Securities and Exchange Commission with not less than five (5) years of experience investing in the securities and obligations authorized under this Policy and under California Government Code Section 53601, and with assets under management in excess of \$500 million. The purchase price of shares of beneficial interest purchased pursuant to this policy, and the California Government Code may not include any commission that the companies may charge, and shall not exceed 15% of OCSD surplus money that may be invested pursuant to this section. However, no more than 10% of the OCSD surplus funds may be invested in shares of beneficial interest of any one (1) mutual fund pursuant to this section.



## 8.8 Certificates of deposit:

8.8.1 **Secured (collateralized) time deposits** issued by a nationally or state-chartered bank or state or federal savings and loan association, as defined by Section 5102 of the California Financial Code, and having a net operating profit in the two (2) most recently completed fiscal years. Collateral must comply with Chapter 4, Bank Deposit Law, Section 16500 *et seq.*, and Chapter 4.5, Savings and Loan Association and Credit Union Deposit Law, Section 16600 *et seq.*, of the California Government Code.

8.8.2 **Negotiable certificates of deposit (NCDs)** issued by a nationally or state-chartered bank or state or federal savings and loan association, as defined by Section 5102 of the California Financial Code; *and* which shall have a rating of "A" or better on its long-term debt as provided by Moody's or S&P; or which shall have the following minimum short-term ratings by at least two (2) rating services: "P1" for deposits by Moody's, "A1" for deposits by S&P, or comparably rated by a nationally recognized rating agency which rates such securities; or as otherwise approved by the OCSD's Board of Directors.

8.8.3 To be eligible to receive local agency money, a bank, savings association, federal association, or federally insured individual loan company shall have received an overall rating of not less than "satisfactory" in its most recent evaluation by the appropriate federal financial supervisory agency of its record of meeting the credit needs of California's communities, including low and moderate income neighborhoods, pursuant to Section 2906 of Title 12 of the United States Code.

8.9 **Taxable or tax-exempt municipal bonds** issued by the State of California or its subdivisions. Such securities must be rated "A3" or higher by Moody's, or "A-" or higher by S&P; or as otherwise approved by the OCSD's Board of Directors.

8.10 **The State of California Local Agency Investment Fund (LAIF).** The LAIF is an investment alternative for California's local governments and special districts managed by the State Treasurer's Office. LAIF is more fully described in the Glossary (See Appendix "H.") The OCSD shall use LAIF as a short-term cash management facility. Investment of OCSD funds in LAIF shall be subject to investigation and due diligence prior to investing, and on a continual basis to a level of review pursuant to Section 3.0, Standard of Prudence, of this Policy. See Appendix "D" for investment pool questionnaire.

8.11 **The Orange County Treasurer's Money Market Commingled Investment Pool (OCCIP).** The OCCIP is a money market investment pool managed by the Orange County Treasurer's Office. OCCIP is more fully described in the Glossary. (See Appendix "H.") The District has no funds invested in OCCIP at this time. Investment of OCSD funds in OCCIP would be subject to

investigation and due diligence prior to investing, and on a continual basis to a level of review pursuant to Section 3.0, Standard of Prudence, of this Policy.

8.12 **Collateralized mortgage obligations (CMOs)** issued by agencies of the US Government which are backed by pools of mortgages guaranteed by the full faith and credit of the U.S. Government, or an agency thereof, and asset-backed securities rated "Aaa" by Moody's and "AAA" by S&P. Selection of mortgage derivatives, which include interest-only payments (IOs) and principal-only payments (POs); inverse floaters, and RE-REMICS (Real Estate Mortgage Investment Conduits), is hereby prohibited. Securities eligible for purchase under this Section 8.11 shall be issued by an issuer having a rating on its unsecured long-term debt of "A" or higher. Combined purchases of mortgage-backed securities, CMOs and asset-backed securities as authorized under within Section 8.0, may not exceed 20% of the total Long-Term Operating Monies portfolio.

8.13 **Repurchase agreements** provided that:

8.13.1 All repurchase agreements shall be collateralized with securities eligible for purchase under this Policy. In order to anticipate market changes and to provide a level of security for all repurchase agreement transactions, collateralization shall be maintained at a level of at least 102% of the market value of the repurchase agreements, and shall be adjusted no less than weekly.

8.13.2 All repurchase agreements must be the subject of a Master Repurchase Agreement between OCSD and the provider of the repurchase agreement. The Master Repurchase Agreement shall be substantially in the form developed by The Bond Market Association.

8.14 **Reverse repurchase agreements** provided that:

8.14.1 No more than five percent (5%) of OCSD's portfolio shall be invested in reverse repurchase agreements, and there shall be no long-term reverse repurchase agreements unless otherwise authorized by the OCSD Board of Directors.

8.14.2 The maximum maturity of reverse repurchase agreements shall be ninety (90) days.

8.14.3 Reverse repurchase agreements shall mature on the exact date of a known cash flow which will be unconditionally available to repay the maturing reverse repurchase agreement.

8.14.4 Proceeds of reverse repurchase agreements shall be used solely to supplement portfolio income or to provide portfolio liquidity, and shall not be used to speculate on market movements.

8.14.5 All reverse repurchase agreements must be the subject of a Master Repurchase Agreement between OCSD and the provider of the reverse repurchase agreement. The Master Repurchase Agreement shall be substantially in the form developed by The Bond Market Association.

8.15 Sales of OCSD-owned securities in the secondary market may incur losses in order to improve the risk or return characteristics of the portfolio, to prevent anticipated further erosion of principal, or when trading for securities that result in an expected net economic gain to OCSD.

8.16 If securities owned by the OCSD are downgraded by either Moody's or S&P to a level below the quality required by this Investment Policy, it shall be OCSD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain the downgraded securities in the portfolio, their presence in the portfolio will be monitored and reported monthly to the OCSD General Manager, the Administration Committee and Board of Directors.

## 9.0 **Collateralization:**

Generally, the value to secure deposits under this Policy shall comply with Section 53652 of the California Government Code. Collateralization will be required for secured time deposits, as more fully described in Section 8.7.1; and repurchase agreements, as more fully described in Section 8.12.1. Collateral will always be held by an independent third-party, as more fully described in Section 10.1. The right of collateral substitution is granted.

## 10.0 **Safekeeping and Custody:**

10.1 All securities transactions, including collateral for repurchase agreements, entered into by, or on behalf of OCSD, shall be conducted on a **delivery-versus-payment (DVP)** basis. Securities will be held by OCSD's third-party custodian bank, which shall be selected through a competitive process, or that agent's representative, or in the agent's account at the Federal Reserve Bank, **or within clearing corporations in the U.S.**, and evidenced by book entry statements.

## 11.0 **Diversification:**

OCSD will diversify its investments by security type, issuer, and financial institution in accordance with the following:

11.1 There is no limit on investment in securities issued by or guaranteed by the full faith and credit of the U.S. government.

11.2 No more than 20% of the portfolio may be invested in securities of a single

agency of the U.S. government, which does not provide the full faith and credit of the U.S. government.

- 11.3 No more than 5% of the portfolio may be invested in securities of any one issuer, other than the U.S. government or its agencies. Investment in mutual funds is not governed by this Section 11.3. See Section 11.8 for conditions of purchase of mutual funds.
- 11.4 No individual holding shall constitute more than 5% of the total debt outstanding of any issuer.
- 11.5 No more than 40% of the portfolio may be invested in banker's acceptances.
- 11.6 No more than 15% of the portfolio may be invested in commercial paper, except that 25% of the portfolio may be so invested so long as the average maturity of all commercial paper in the portfolio does not exceed 31 days.
- 11.7 No more than 30% of the portfolio may be invested in medium-term (corporate) notes.
- 11.8 No more than 15% of the portfolio may be invested in mutual funds. However, no more than 10% of the OCSD portfolio may be invested in shares of beneficial interest of any one (1) mutual fund.
- 11.9 No more than 30% of the portfolio may be invested in negotiable certificates of deposit.
- 11.10 No more than 10% of the portfolio may be invested in eligible municipal bonds.
- 11.11 No more than 20% of the Long-Term Operating Monies portfolio may be invested in a combination of mortgage-backed securities, CMOs and asset-backed securities. Mortgage-backed securities, CMOs and asset-backed securities may only be purchased by the Districts' external money managers, Pacific Investment Management Company (PIMCO), with prior Board approval (authorized by Board Minute Order, January 22, 1997), and may not be purchased by OCSD staff.
- 11.12 No more than the lesser of 15% of the portfolio or the statutory maximum may be invested in LAIF.
- 11.13 No more than 15% of the portfolio may be invested in the Orange County Investment Pool.
- 11.14 No more than 20% of the portfolio may be invested in repurchase agreements.
- 11.15 No more than 5% of the portfolio may be invested in reverse repurchase

agreements.

## 12.0 **Maximum Maturities:**

To the extent possible, OCSD will attempt to match its investments with reasonably anticipated cash flow requirements. The Treasurer shall develop a five-year cash flow forecast, which shall be updated quarterly. Based on this forecast, the Treasurer shall designate, from time-to-time, the amounts to be allocated to the investment portfolio. OCSD monies invested in accordance with this Policy are divided into two (2) categories:

### 12.1 **Liquid Operating Monies.** Funds needed for current operating and capital expenditures are known as Liquid Operating Monies.

12.1.1 The maximum final stated maturity of individual securities in the Liquid Operating Monies account portfolio shall be one (1) year from the date of purchase.

12.1.2 The average duration of the Liquid Operating Monies account portfolio shall be recommended by the Treasurer based on the OCSD cash flow requirements, but may never exceed 180 days.

### 12.2 **Long-Term Operating Monies.** Funds needed for longer term purposes are known as the Long-Term Operating Monies.

12.2.1 Except for the purchase of securities by the OCSD external money manger, PIMCO, the maximum final stated maturity of individual securities in the Long-Term Operating Monies account portfolio shall be five (5) years from the date of purchase. PIMCO may purchase any security that is permitted under Section 8.0 of this policy, including those which may have a stated maturity of more than five (5) years from the date of purchase when, in the opinion of PIMCO, such an investment meets the investment objectives of this portfolio and the duration requirements are met below.

12.2.2 The duration of the Long-Term Operating Monies account portfolio shall be recommended by the Treasurer based on the OCSD five-year cash flow forecast, but may never exceed 60 months.

12.2.3 The duration of the Long-Term Operating Monies account portfolio shall never exceed 120% of the duration as established in accordance with Section 12.2.2.

12.2.4 The duration of the Long-Term Operating Monies account portfolio shall never be less than 80% of the duration as established in accordance with Section 12.2.2

### 13.0 **Internal Control:**

13.1 The Treasurer shall establish an annual process of independent review by an external auditor. This review will provide internal control by assuring compliance with policies and procedures. The current treasury management procedures are presented in Appendix "B."

### 14.0 **Performance Objectives and Benchmarks:**

14.1 **Overall objective.** The investment portfolio of OCSD shall be designed with the overall objective of obtaining a rate of return throughout budgetary and economic cycles, commensurate with investment risk constraints and reasonably anticipated cash flow needs.

14.2 **The Liquid Operating Monies.** The investment performance objective for the Liquid Operating Monies shall be to earn a total rate of return over a market cycle which exceeds the return on a market index approved by the Administration Committee, and by the OCSD's Board of Directors, when the duration of the portfolio is established. This market index is more fully described in Board Resolution No. OCSD-00-16 (see Appendix "E").

14.3 **The Long-Term Operating Monies.** The investment performance objective for the Long-Term Operating Monies shall be to earn a total rate of return over a market cycle which exceeds the return on a market index selected by the Administration Committee and approved by the OCSD's Board of Directors, when the duration of the portfolio is established. This market index is more fully described in Board Resolution No. OCSD-00-16 (See Appendix "E").

### 15.0 **Reporting:**

15.1 Quarterly investment reports shall be submitted by the Treasurer to the Administration Committee which shall forward the reports to the OCSD's Board of Directors. The quarterly reports shall be submitted to the Administration Committee within 30 days of the end of the month in accordance with California Government Code Sections 53607, 53646, and this Investment Policy. The quarterly reports shall provide clear and concise status information on the OCSD's portfolios at the end of each reporting period, including performance measures using the benchmarks described in Section 14.0 of this Investment Policy. Sample quarterly reports are presented in Appendix "F." These reports shall contain listings of individual securities held at the end of each reporting period, and shall disclose, at a minimum, the following information about the risk characteristics of OCSD's portfolio:

- 15.1.1 Cost and accurate and complete market value of the portfolio.
- 15.1.2 Modified duration of the portfolio compared to Benchmark.
- 15.1.3 Dollar change in value of the portfolio for a one-percent (1%) change in interest rates.
- 15.1.4 Percent of portfolio invested in reverse repurchase agreements, and a schedule which matches the maturity of such reverse repurchase agreements with the cash flows which are available to repay them at maturity.
- 15.1.5 For the Liquid Operating Monies account only, the percent of portfolio maturing within 90 days.
- 15.1.6 Average portfolio credit quality.
- 15.1.7 Percent of portfolio with credit ratings below "A" by any rating agency, and a description of such securities.
- 15.1.8 State that all investments are in compliance with this policy and the California Government Code, or provide a listing of any transactions or holdings which do not comply with this policy or with the California Government Code.
- 15.1.9 Time-weighted total rate of return for the portfolio for the prior three months, twelve months, year to date, and since inception compared to the Benchmark returns for the same periods.
- 15.1.10 State that sufficient funds are available for OCSD to meet its operating expenditure requirements for the next six months, or if not, state the reasons for the shortfall.

- 15.2 OCSD's Treasurer shall meet quarterly with the Administration Committee to review investment performance, proposed strategies and compliance with this Investment Policy. External investment advisors may be required to attend said meetings at the discretion of the Chairman of the Administration Committee.

## 16.0 **Investment Policy Adoption and Revision:**

- 16.1 The Investment Policy of OCSD shall be reviewed by the Administration Committee and shall be adopted by resolution of the Board of Directors of OCSD. The Policy shall be reviewed on an annual basis in accordance with California Government Code Section 53646, and this Investment Policy, by the Administration Committee, which shall recommend revisions, as appropriate, to the Board of Directors. Any modifications made thereto shall be approved by the Board of Directors.

- 16.2 The Administration Committee shall serve as the oversight committee for the OCSD Investment program and shall adopt guidelines for the ongoing review of duration, quality and liquidity of the OCSD's portfolio.



**APPENDIX "A"**  
**SUMMARY OF INVESTMENT AUTHORIZATION**  
**INTERNAL AND EXTERNAL MANAGERS**

**SHORT-TERM OPERATING FUND**

<b>INVESTMENT</b>	<b>INTERNAL</b>	<b>EXTERNAL</b>
<b>U.S. Treasuries</b>	OK	OK
<b>Federal Agencies</b>	Fixed coupon, fixed mat.	OK
<b>Mortgage-backed</b>	NO	NO
<b>Commercial paper</b>	OK	OK
<b>Banker's Accept.</b>	OK	OK
<b>Medium Term Notes</b>	Fixed coupon, fixed mat.*	OK
<b>Mutual Funds</b>	Money Market Only**	Money Market Only
<b>Negotiable CDs</b>	Fixed coupon, fixed mat.*	OK
<b>Municipal Bonds</b>	OK*	NO
<b>LAIF</b>	OK	NO
<b>OCIP</b>	OK	NO
<b>CMOs</b>	NO	NO
<b>Asset-backed</b>	NO	NO
<b>Repurchase Agree.</b>	OK	OK
<b>Reverse Repos</b>	OK*	OK

**LONG-TERM OPERATING PORTFOLIO**

<b>INVESTMENT</b>	<b>INTERNAL</b>	<b>EXTERNAL</b>
<b>U.S. Treasuries</b>	OK	OK
<b>Federal Agencies</b>	Fixed coupon, fixed mat.	OK
<b>Mortgage-backed</b>	NO	OK
<b>Mutual Funds</b>	Money Market Only**	OK
<b>Negotiable CDs</b>	Fixed coupon, fixed mat.*	OK
<b>Municipal Bonds</b>	OK*	OK
<b>LAIF</b>	OK	NO
<b>OCIP</b>	OK	NO
<b>CMOs</b>	NO	With Board Approval
<b>Asset-backed</b>	NO	With Board Approval
<b>Repurchase Agree.</b>	OK	OK
<b>Reverse Repos</b>	OK*	OK

\*With prior approval of the Administration Committee.

\*\*Using financial institutions approved by the Administration Committee.

**EXHIBIT "B"**  
**ORANGE COUNTY SANTIATION DISTRICT**  
**PERFORMANCE MONITORING & REPORTING**  
**FOR THE DISTRICT'S INVESTMENT PROGRAM**

POLICY REFERENCE	PERFORMANCE CHARACTERISTIC	REPORTING PARTY*		
		PIMCO	MELLON	CALLAN
15.1.1	<i>Cost and market value</i> of the portfolio (monthly mark-to-market).	M, Q	M, Q	Q
15.1.2	<i>Modified duration</i> of the portfolio compared to benchmark.	M, Q		Q
15.1.3	<i>Dollar change in value</i> of the portfolio for a 1% change in interest rate.	M, Q		Q
15.1.4	Percent of portfolio invested in <i>reverse repurchase agreements</i> , and a schedule which matches the maturity of such reverse repurchase agreements with the cash flows which are available to repay them at maturity.	M, Q		
15.1.5	For the Liquid Operating Monies account only, the <i>percent of portfolio maturing within 90 days</i> .	M, Q		Q
15.1.6	Average portfolio <i>credit quality</i> .	M, Q		Q
15.1.7	Percent of portfolio with <i>credit ratings below "A"</i> by any rating agency, and a description of such securities.	M, Q		Q
15.1.8	Listing of any transaction or holdings which <i>do not comply</i> with this policy or with the California Government Code.	M, Q		
15.1.9	<i>Time-weighted total rate of return</i> for the portfolio for the prior three months, twelve months, year-to-date, and since inception compared to the benchmark returns for the same periods.	M, Q		Q
ADDL**	Comparison of portfolio performance to <i>market index benchmark</i> .	M, Q		Q
ADDL**	Comparison of Manager's performance to <i>peer group benchmark</i> .			Q
ADDL**	Monitoring of <i>organizational and structural changes</i> of investment management firm.			Q
ADDL**	Audit portfolios for <i>compliance</i> with investment policy guidelines.			Q
15.1.10	OCSD will report if sufficient funds are available for it to meet operating expenditure requirements for the next six months, or if not, state the reason for the shortfall.			

**Notes**

\*M = Monthly

\*Q = Quarterly

\*\*ADDL= Monitoring of Additional Performance Characteristics

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-61	Item Number 10(b)

Orange County Sanitation District

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

**SUBJECT:** ENERGY MASTER PLAN, JOB NO. J-102, CONTRACT CONTINGENCY

### GENERAL MANAGER'S RECOMMENDATION

Approve a 3% contingency (\$56,838) for amendment to the Professional Design Services Agreement with Black and Veatch Corporation to prepare an Energy Master Plan for the Treatment Plant Strategic Plan Update, Job No. J-102.

### SUMMARY

- The Energy Master Plan is part of the Orange County Sanitation District's (Sanitation District) effort to update its Capital Facilities Strategic Plan. The Energy Master Plan specifically plans for increased energy demands associated with the decision to upgrade the treatment plants to secondary treatment to ensure power is provided reliably for treatment plant operations.
- A 3% contingency for potential consultant amendments is being requested per the Sanitation District's Delegation of Authority. Potential amendments are anticipated to address newly proposed air quality regulations that would impact the central generation systems.
- This item is within the project budget.

### PRIOR COMMITTEE/BOARD ACTIONS

Approval of Professional Services Agreement (PSA) with Black & Veatch Corporation to provide an Energy Master Plan for the Treatment Plant Strategic Plan Update, Job No. J-102, for an amount not to exceed \$1,894,660 (November 2004).

### ADDITIONAL INFORMATION

#### Project Background

In July 2002, the Sanitation District committed to planning, designing, and constructing upgrades to meet the secondary standards of the Clean Water Act. This effort will impact the power and electrical systems owned and operated by the Sanitation District.

Also, several existing and proposed regulations are impacting the Sanitation District's existing infrastructure including air quality regulations, power utility regulations, and health and safety regulations. This project will tie these complex issues together and layout a plan that will be both economical and comply with anticipated requirements facing the Sanitation District.

The Sanitation District's power demand is expected to increase as much as 100% when secondary treatment expansion is complete in 2012. The Sanitation District's power demand will be roughly equal to Huntington Beach. The purpose of this project is to prepare an Energy Master Plan for both treatment plants as part of the larger update of the Sanitation District's Strategic Plan to meet this demand.

This authorization complies with authority levels of the Sanitation District's Delegation of Authority. This item is within the project budget. (Line item: Page A-11, Item 100).

**Award Date: 07/18/07**

**Contract Amount: \$1,894,660**

**Contingency %: 3%**

**JDH:GC:sa**

H:\dept\agenda\Committees\Operations Committee\Operations 2007\0707\07-61.J-102 Energy Master Plan.doc

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-62	Item Number 10(c)

Orange County Sanitation District



**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: Hardat Khublall

**SUBJECT:** REALIGNMENT AND REHABILITATION OF THE BIG CANYON OFFSITE TRUNK SEWER, CONTRACT NO. 5-62

### GENERAL MANAGER'S RECOMMENDATION

Approve a budget increase of \$350,000 for a total project budget of \$4,961,000 for the Realignment and Rehabilitation of Big Canyon Offsite Trunk Sewer, Contract No. 5-62.

### SUMMARY

- The City of Newport Beach has been authorized to administer the construction of the Realignment and Rehabilitation of the Big Canyon Offsite Trunk Sewer as part of a joint project the City is undertaking in the Big Canyon Country Club (BCCC) Golf course community.
- This budget increase will account for costs for change orders negotiated between the City of Newport Beach and BCCC due to soil saturation issues, liquidated damages charged by BCCC, additional administrative fees needed for the City of Newport Beach for administering the construction contract, and Orange County Sanitation District (Sanitation District) staff costs. These costs are the Sanitation District's responsibility per the agreement with BCCC and the City of Newport Beach.

### PRIOR COMMITTEE ACTION

Approval of a reimbursement agreement between the Sanitation District and the City of Newport Beach for the construction of Big Canyon Trunk Sewer Improvements was approved by the Board of Directors on April 27, 2005.

At the November 15, 2006 meeting, the Board of Directors approved a budget increase of \$800,000 for a total project budget of \$4,611,000.

### ADDITIONAL INFORMATION

This authorization complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted, but there are insufficient funds (Line item: Section 8, Page 33).

HK:kf

H:\dept\agenda\Board Agenda Reports\2007 Board Agenda Reports\0707\Item 10(c).5-62 Big Canyon.doc

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-63	Item Number 10(d)

Orange County Sanitation District



Misc. &  
Support Projects

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: Bob Schirripa

**SUBJECT:** LABORATORY REFURBISHMENT AT PLANT NO. 1, JOB NO. J-97

### GENERAL MANAGER'S RECOMMENDATION

1. Approve Amendment No. 1 to the Professional Design Services Agreement with The Austin Company providing for additional design services for Laboratory Refurbishment at Plant No. 1, Job No. J-97, for an additional amount of \$32,900, increasing the total amount not to exceed \$155,300; and,
2. Approve a 5% contingency for amendments to said agreement (\$7,765).

### SUMMARY

- The purpose of this project is to assess the future needs of the Laboratory along with the cost and effort that will be required to bring it into compliance with building codes. The Laboratory and subsequent modifications were built without a building permit from the City of Fountain Valley. In order to receive a permit for new Laboratory modifications, the entire Laboratory will need to be retroactively permitted first. The Orange County Sanitation District (Sanitation District) has done this on other buildings that were originally built without a permit, but the Laboratory is much larger and more complicated so this study is recommended before more work is done.
- A Plan Check by the City of Fountain Valley for Laboratory Rehabilitation, Job No. J-88 resulted in a number of items that needed to be addressed and corrected prior to Fountain Valley issuing a building permit for the specific modifications constructed as part of this project. Staff reviewed the list of items and determined that the best course of action is to incorporate them into Job No. J-97.
- A 5% contingency for potential consultant amendments is being requested per the Sanitation District's Delegation of Authority.
- This item is within the project budget.

## **PRIOR COMMITTEE/BOARD ACTIONS**

- Approval of Job No. J-97 Professional Design Services Agreement with The Austin Company to prepare a Feasibility Study to assess the future needs of the Laboratory along with the cost and effort that will be required to bring it into compliance with building codes for an amount not to exceed \$122,400. (Board – September 2006)

## **ADDITIONAL INFORMATION**

This authorization complies with authority levels of the Sanitation District's Delegation of Authority. This item is within the project budget. (Line item: Section 8, Page 101).

**Award Date: 07/12/07**

**Contract Amount: \$32,900**

**Contingency %: 5%**

RS:kf:gc:bm

H:\ntglobal\Agenda Draft Reports\Operations\J-97 PDSA Amendment 1 AR 052207.doc

**OPERATIONS COMMITTEE**  
**AGENDA REPORT**

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-64	Item Number 10(e)

Orange County Sanitation District

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

**SUBJECT:** COOPERATIVE PROJECTS GRANT PROGRAM

**GENERAL MANAGER'S RECOMMENDATION**

Approve Amendment No. 1 to Cooperative Projects Grant Program Contract No. 0501 with the City of Huntington Beach, providing for a ten-month time extension with no additional funding.

**SUMMARY**

- The Cooperative Projects Grants Program (Program) provides funds to local agencies for projects that reduce or eliminate inflow and infiltration (I/I) to the sewer collection system.
- The City of Huntington Beach (City) requests Amendment No. 1 to Cooperative Projects Grant Program Contract No. 0501 (Contract No. 0501) for a ten-month time extension to minimize project costs.

**PRIOR COMMITTEE/BOARD ACTIONS**

In May 2006, the Board of Directors approved grant funding to the City of Huntington Beach under the Cooperative Projects Grant Program.

**ADDITIONAL INFORMATION**

**CITY OF HUNTINGTON BEACH**

The City of Huntington Beach was approved grant funding for the relining of approximately 8,992 linear feet (LF) of eight-inch sewers and rehabilitation of 41 manholes in the area bounded by Hamilton and Banning Avenues and Bushard and Brookhurst Streets (Project). In 2002, with the adoption of the City's Sewer Master Plan, the City identified this area for I/I reduction because of its close proximity to a high groundwater table. The relining of the Project's 40-year old aging sewers is also anticipated to add 40 to 50 years of new service life to the sewers.



Additionally, the City has expanded the Project scope to cover a larger area than originally anticipated to reduce pricing and maximize cost-saving benefits. The additional project costs will be borne solely by the City. However, the Project was awarded later than anticipated and the City has requested a ten-month time extension to complete the work.

## **ATTACHMENTS**

Letter from City of Huntington Beach

JDH:AA:sa

H:\dept\agenda\Committees\Operations Committee\Operations 2007\0707\07-64.J-73 Cooperative Projects.doc



# CITY OF HUNTINGTON BEACH

2000 Main Street P.O. Box 190 California 92648

Robert F. Beardsley, P.E.  
Director

Department of Public Works  
(714) 536-5431

May 29, 2007

**Orange County Sanitation District**  
Mr. John Linder, Engineering Manager  
P.O. Box 8127  
Fountain Valley, CA 92728-8127

Mr. Linder:

**Subject: Cooperative Projects Program Contract 0501**

Please accept this request for a time extension for the subject contract. The project completion was projected for July 1, 2007. However in an effort to get better pricing, the City expanded the project, to cover a larger area. The cost for this expanded project will be borne solely by the City and only the approved grant amount will be requested upon project completion. The project was awarded in January 2007; however, the expanded scope requires an extended time frame to complete the job.

We therefore respectfully request that the Orange County Sanitation District extend the time of the subject contract to April 3, 2008.

Should you have any questions regarding this request, please do not hesitate to contact me at (714) 536-5247. Thank you for your consideration in this matter.

Sincerely,

M. Todd Broussard, PE  
Principal Civil Engineer

MTB:jg

cc: Travis Hopkins, City Engineer  
Project File

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-65	Item Number 10(f)

Orange County Sanitation District



**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: Alberto Acevedo

**SUBJECT:** REHABILITATION OF DISTRICT SIPHONS, CONTRACT NO. 2-68

### GENERAL MANAGER'S RECOMMENDATION

1. Approve Amendment No. 2 to the Professional Services Agreement with Dudek & Associates, Inc. providing for construction support services for Rehabilitation of District Siphons, Contract No. 2-68, for an additional amount of \$310,088, increasing the total contract amount not to exceed \$1,461,244; and
2. Approve a 4% contingency for amendments to said agreement (\$58,450).

### SUMMARY

- This project will rehabilitate 16 of the 87 siphons owned by the Orange County Sanitation District (Sanitation District) within the service areas. The rehabilitation includes all work necessary to install foul air by-pass lines at each of the 16 siphons to minimize odor impacts.
- Dudek & Associates, Inc. completed the design of the Rehabilitation of District Siphons and construction support services are required which will include reviewing submittals, attending construction and coordination meetings with the eight cities and the County Flood Control Agency, responding to request for information, preparing design modifications, performing special testing, participating in commissioning activities, and preparing record drawings.
- These construction support services shall be authorized only as requested and managed by the Sanitation District's Project Manager. The proposed fee is reasonable for a project of this magnitude and is consistent with fees for similar services on past Sanitation District projects.
- A 4% contingency for potential consultant amendments is being requested per the Sanitation District's Delegation of Authority.
- This item is within the project budget.

## **PRIOR COMMITTEE/BOARD ACTIONS**

- Approval of PSA with Dudek & Associates, Inc. for an amount not to exceed \$987,156 (Board – October 2004).
- Approval of Amendment No. 1 to the PSA with Dudek & Associates, Inc. for \$164,000, increasing the total amount to not to exceed \$1,151,156 (Board – February 2007).

## **ADDITIONAL INFORMATION**

This Amendment No. 2 complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted. (Line item: Section 8, Page 22).

**Award Date: 07/18/07**

**Contract Amount: \$1,461,244**

**Contingency %: 4%**

JH:AC:kf:bm

H:\dept\agenda\Committees\Operations Committee\Operations 2007\0707\07-65.2-68 Rehab of District Siphons.doc

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-66	Item Number 10(g)

Orange County Sanitation District



Utility Systems

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: David MacDonald

**SUBJECT:** CENTRAL GENERATION AUTOMATION, JOB NO. J-79-1

### GENERAL MANAGER'S RECOMMENDATION

1. Approve a budget increase of \$800,000 to the budget for Central Generation Automation, Job No. J-79-1, for a total budget of \$18,755,180; and
2. Approve the plans and specifications for Central Generation Automation, Job No. J-79-1, on file at the office of the Clerk of the Board.

### SUMMARY

- The purpose of this project is to replace the engine control systems and the emissions monitoring systems on the engines for the Central Generation Systems (CGS) at Plant No.1 and Plant No. 2.
- The CGS is the primary source of power for operation of treatment processes at Plant No. 1 and Plant No. 2. The control systems for the eight CGS units are no longer supported by the original equipment manufacturer and hardware components are not readily available. The several sensors for the Parametric Emissions Monitoring System (PEMS) have failed and replacement units are no longer manufactured. South Coast Air Quality Management District (SCAQMD) is requiring the installation of Continuous Emissions Monitoring Systems (CEMS) on gas fueled reciprocating engines.
- In May 2007, the Consultant submitted an estimate of probable construction costs of \$11,300,000. This estimate is \$800,000 greater than the approved CIP budget. Maintenance platforms to provide safe access to the elevated CEMS sampling probes on each engine exhaust pipe were added as an Air Quality Management District (AQMD) requirement and account for most of the additional cost.

### PRIOR COMMITTEE/BOARD ACTIONS

On February 3, 2005, the Board authorized a Professional Services Agreement with the Black & Veatch Corporation to prepare Plans and Specifications for the Central Generation Automation Project.

## **ADDITIONAL INFORMATION**

This Project is scheduled to be advertised for bids on July 23, 2007. Staff will present the Bid Tabulation and request authorization to award a construction contract at the November 2007 Board Meeting.

This authorization complies with authority levels of the Orange County Sanitation District's Delegation of Authority. This item has been budgeted. (Line item: Section 8, Page 73 of 06/07 budget and Page A-9, Item 66 of the 07/08 budget).

DMAC:kf:eh

H:\dept\agenda\Committees\Operations Committee\Operations 2007\0707\07-66.J-79-1 Cen Gen Automation.doc

**OPERATIONS COMMITTEE**  
**AGENDA REPORT**

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-67	Item Number 10(h)

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Ed Torres, Director of Technical Services

**SUBJECT:** RESEARCH STRATEGIC PLAN, CONTRACT NO. CS-2006-315BD

**GENERAL MANAGER'S RECOMMENDATION**

1. Approve a Professional Services Consultant Agreement with Carollo Engineers for the development of five-year Research Strategic Plan, Specification No. CS-2006-315 in the amount of \$257,826; and
2. Approve a 15% contingency (\$38,674).

**SUMMARY**

- To provide the most benefit from OCSD's research program, a comprehensive Research Strategic Plan will be developed with the assistance of Carollo Engineers.
- A comprehensive Research Strategic Plan will provide direction to keep the research program focused on the most important areas for OCSD's future. The Research Strategic Plan will be a guide covering approximately a five-year period for research efforts. It will consider the known directions and plans OCSD has for expansion and process modifications, the relevant regulatory environment and its dynamics, and the likely changes in OCSD's service requirements and the wastewater industry as a whole. From this, it will recommend areas for research activities that are likely to provide the most benefit for OCSD.
- Carollo's contract will include annual reviews of the Strategic Plan and more extensive midpoint evaluations, which are intended to make sure the Plan stays up-to-date during its five-year span. The cost for these reviews is included in the contract price.
- A Request for Proposal process was used to solicit proposals from interested engineering consultants. Of the 18 companies receiving the RFP, 2 submitted proposals, 3 submitted "no bid" responses, and 13 did not respond. A review panel with staff from Technical Services, Engineering, and Operations & Maintenance evaluated the proposals, and Carollo Engineers (3,310 points) was selected over Black & Veatch (3,165 points) for the project. Also, Carollo's price is less than half of Black & Veatch's price.

## **PRIOR COMMITTEE/BOARD ACTIONS**

Not applicable.

## **ADDITIONAL INFORMATION**

- Research projects at OCSD typically have been planned year-to-year to take advantage of current interests and to address near-term operational problems. Since some projects can take five years or more to plan and complete, this approach has not been satisfactory for addressing long-term needs, such as evaluations of alternative process choices for CIP decisions.
- It is important for this effort to have an outside perspective to ensure that the planning process includes all relevant topics rather than focusing only on areas that already are familiar and comfortable within OCSD. The effort also should include an international perspective since many innovations within the wastewater industry come from other countries.
- In developing the Plan, a panel of distinguished experts will assist Carollo and OCSD staff from throughout the agency. The Plan will be due within six months of the contract's start date.
- This complies with authority levels of OCSD's Delegation of Authority. This item has been budgeted (FY 07-08 Budget Update, Page A-11, Item 103).

**Award Date: 7/18/07**

**Contract Amount: \$257,826**

**Contingency %: 15**



# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 07/12/07	To Bd. of Dir. 07/18/07
Item Number OP07-69	Item Number 10(i)

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Nick Arhontes, P.E., Director of Operations & Maintenance

**SUBJECT:** Sewer System Management Plan (SSMP) Development Plan and Schedule document

### GENERAL MANAGER'S RECOMMENDATION

Approve the Sewer System Management Plan (SSMP) Development Plan and Schedule document as required by the State Water Resources Control Board Waste Discharge Requirements Order No. 2006-0003-DWQ, issued on May 2, 2006.

### SUMMARY

The Order affects all public agencies owning more than one mile in length of sanitary sewers. OCSD submitted information to the state and enrolled in the program on October 30, 2006, and also paid the annual required fees of \$4676.00 as stipulated by the Order.

Section D.14 of the Waste Discharge Requirements (WDR) Order states:

“Both the SSMP and the Enrollee’s program to implement the SSMP must be certified by the Enrollee to be in compliance with the requirements set forth above and must be presented to the Enrollee’s governing board for approval at a public meeting. The Enrollee shall certify that the SSMP and subparts thereof, are in compliance with this WDR within the time frames identified in the time schedule provided in subsection D.15 below...” The time schedule applicable to OCSD is shown in the Additional Information section.

This obligation under the Order is that our SSMP must be approved by the OCSD Board at a public meeting, and that we are required to communicate with the public on a regular basis on the development, implementation and performance of our SSMP. The public must also be given the opportunity to provide input as the compliance program is developed and implemented. We have been using our website as well as Board Agenda Reports on this topic to allow the public to be aware of our past compliance efforts and forward plan.

OCSD Operation and Maintenance and Technical Services staff have conducted a comprehensive review of the new statewide WDR Order to determine what, if any, changes we must make to our existing SSMP and program that we developed for Regional Water Quality Control Board 8 from 2002 thru 2005 under their previous WDR

Order issued on April 26, 2002 and rescinded on December 2, 2006. There are some minor differences that we will need to address while migrating from the Region 8 WDR Order requirements to the new statewide requirements. The attached SSMP Development Plan and Schedule document outlines our plan and schedule to update our existing SSMP in compliance with WDR Order No. 2006-0003-DWQ.

The major differences between the RWQCB 8 WDR and the new statewide WDR are that “findings” are more detailed in the statewide WDR and there are new application requirements. The new SSMP development plan and final SSMP must be approved by the Enrollee’s governing board at a public meeting, and all agencies with collection systems one mile or larger must enroll in the new program. New requirements include:

- Sanitary Sewer Overflow (SSO) reporting for new Order is now done online and the reporting of private property SSOs is at the discretion of the enrollee. OCSD will continue to voluntarily report all SSOs it becomes aware of per the California Water Code and also at the O.C. Health Care Agency’s (OCHCA) request.
- There is no provision in the new WDR that staff or contractors be certified in a “validated” program such as what is offered through the California Water Environment Association (CWEA). OCSD will continue to use the CWEA certification program as third party validation of staff competency.
- There is no requirement to use portable aerators if a spill enters an inland lake or water impoundment. However if we are requested to do so by staff of the OCHCA or the Regional Board, we will do so.
- The sewer system evaluation and capacity assurance plan must meet wet weather event conditions.
- The rehab and replacement plan in the SSMP must have a Capital Improvement Project (CIP) plan that helps manage and protect all sewer system assets, and have an implementation schedule and sources of funding for each project. The CIP plan must undergo regular revisions consistent with SSMP review schedule.
- SSMP audits are required every two years with the audit report prepared and kept on file.
- The SSMP must contain a communications plan with satellite agencies and legal authority provisions. For OCSD this would also now include SAWPA, agreements with L.A. County Sanitation District, City of Long Beach, and other owners connected to the OCSD system.
- Self certification for compliance is done using the state’s new online SSO Database, an Enrollee’s SSMP must be updated every five years, and updates must be re-certified by the agency’s governing board, allowing for public participation and comment.

#### **PRIOR COMMITTEE/BOARD ACTIONS**

Agenda Report Item Number OMTS06-52 – October 25, 2006 – Compliance with new Statewide WDR Order for Sanitary Sewers which included a full copy of the Order.

## **ADDITIONAL INFORMATION**

Each Department is expected to provide a representative as a liaison to assist in the OCSD effort to achieve compliance. Staff time from many Divisions will be needed to review and modify our current documents per the state's schedule. We do not anticipate a need for consulting services to complete this work as we did for Regional Board 8's WDR Order effort from 2002 through 2006. .

The WDR Order also requires that each Enrollee comply with certain milestone tasks in accordance with the SSMP time schedule based on the Enrollee's population, which is listed after the WDR Section D.15 and is shown below. The first two items are already completed. The Memorandum of Agreement (MOA) between the state and the California Water Environment Association (CWEA) allowed a 6 month extension for education and awareness training and modified milestone dates are shown for the tasks.

We will also continue to work collaboratively with our local cities and sewerage agencies thru our local WDR Steering Committee and monthly WDR general meetings to help achieve compliance as a team. We have been doing this since 2002. All of our member cities who own sewers and sewerage agencies have enrolled under the new statewide WDR Order. WE have no data on the County of Orange's enrollment status.

A phased-in approach is being used statewide. A portion of the statewide Order's SSMP time schedule for various SSMP tasks and sections is shown below for your information. OCSD's population served is in the over 100,000 category and we reside in SWRCB Region 8. A detailed schedule covering all SWRCB Regions is available in the state's WDR document.

## Sewer System Management Plan Time Schedule for OCSD

<u>Task and Associated Section of WDR</u>	<u>Completion Date</u>
Application for Permit Coverage <b>Section C</b>	6 months after WDRs Adoption or by Nov. 2 ,2006 Done on October 30, 2006
Reporting Program <b>Section G</b>	8 months after WDRs Adoption or on Jan. 3, 2007 Done on January 2, 2007
SSMP Development Plan and Schedule <b>No specific Section</b>	9 months after WDRs Adoption or on Feb. 2, 2007 MOA 6 month extension: August 2, 2007
Goals and Organization Structure <b>Section D 13 (i) &amp; (ii)</b>	12 months after WDRs Adoption or on May 2, 2007 MOA 6 month extension: November 2, 2007
Overflow Emergency Response Program <b>Section D 13 (vi)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Legal Authority <b>Section D 13 (iii)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Operation and Maintenance Program <b>Section D 13 (iv)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Grease Control Program <b>Section D 13 (vii)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Design and Performance <b>Section D 13 (v)</b>	36 months after WDRs Adoption or on May 2, 2009
System Evaluation and Capacity Assurance Plan <b>Section D 13 (viii)</b>	36 months after WDRs Adoption or on May 2, 2009
Final SSMP, incorporating all of the SSMP requirements <b>Section D 13</b>	36 months after WDRs Adoption or on May 2, 2009

For complete information on the State Water Resource Control Board's WDR program, including a copy of the complete Order with all of its requirements and other useful information please see the following link <http://www.swrcb.ca.gov/sso/>.

On June 27, 2006, the California Water Environment Association (CWEA) and the SWRCB entered into a Memorandum of Agreement (MOA) and its amendment for industry wide training on these new requirements throughout the state. With the MOA in place, compliance deadlines were extended for both the electronic reporting and SSMP elements. For information on the MOA and related support information from CWEA including staff certification, training, and continuing education programs please see: <http://cwea.org/sso> . OCSD Collection Facilities O&M staff, supervision and management are required to possess CWEA Certifications.

This work effort at OCSD is funded thru staff labor in the various divisions operating budgets and a separate charge code can be used to track costs.

Current and added O&M staff, equipment, repairs, services and capital improvements to fully comply with the Order are part of current and will be proposed as part of future operating and CIP program budgets. The Order requires that an adequate sewer fee revenue stream also be provided. These fees need to cover both the regional collection and pumping facilities we own and operate as well as the local small diameter sewer systems we own and operate in parts of Tustin, and unincorporated areas north of Tustin including the El Modena areas.

## **ATTACHMENT**

Sewer System Management Plan (SSMP) Development Plan and Schedule dated August 2, 2007, 18 pages.

STATE WATER RESOURCES CONTROL BOARD  
ORDER NO. 2006-0003

STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS  
For  
SANITARY SEWER SYSTEMS

SSMP DEVELOPMENT PLAN and SCHEDULE  
by  
Orange County Sanitation District (OCSD)

**Issue date August 2, 2007**

OCSD Comment: This SSMP Development Plan and Schedule (Plan) follows the Statewide General Waste Discharge Requirements (WDR) Order No. 2003-0003 for Wastewater Collection Agencies sequentially, that is, each section of the Plan follows the WDR requirements. This will allow a reviewer or auditor to easily reference the WDR language to the Plan and final Sewer System Management Plan (SSMP) section when complete. The Table of Contents for the final SSMP will be based on each major paragraph of the WDR and the Monitoring and Reporting (M&R) Program Statewide General Waste Discharge Requirements for Sanitary Sewer Systems No. 2006-0003 documents. Specific requirements needing comment, action or review are extracted from each paragraph and presented in an outline form in this Plan.

After the order was adopted on May 6, 2006, OCSD reviewed the requirements of the WDR Order to determine what tasks need to be done or have been completed, developed a plan to assess and assign the staff resources necessary to complete this effort, and began those tasks that are due first. Because OCSD has already completed a three-year effort to comply with the now-rescinded WDR order from the California Regional Water Quality Control Board, Santa Ana Region. Order No. R8-2002-0014, this Plan will ensure that our existing SSMP complies with the specific requirements of this WDR.

Volume 1 of our final SSMP will have expanded responses to the action items (as necessary) and will be a narrative summary of how we will or are complying with each WDR or M&R paragraph.

Volume 2 will contain those specific support documents needed for quick access by staff or auditors. Other major documents, plans, engineering standards, operations and maintenance databases, and related background information will be referred to in the

Appendix section of Volume 1 of the final SSMP as well as where the actual data is stored or maintained.

As the above data is reviewed for accuracy, elements within our existing SSMP may change to reflect the most up-to-date and accurate information available.

Our goal is to ensure that we have user-friendly documents for staff and OCSD Board information and use, and public review as required by the WDR Order.

OCSD has assigned staff from each division to review each section of the existing SSMP to ensure that it complies with all requirements of this WDR.

## INTRODUCTION:

The State Water Resources Control Board, hereinafter referred to as “State Water Board” begins the WDR with 23 “findings,” listed on pages 1 thru 5 of 21, as follows:

**SPECIFIC FINDINGS** – This section contains paragraphs 1 thru 4 of the WDR and discusses terminology, definitions and policy statements about complying with this order, definitions of sanitary sewer overflows (SSOs), the need for enrollees to have a proactive approach to system-wide operations, maintenance and management plan, and the main causes of SSOs and how to prevent them.

**SEWER SYSTEM MANAGEMENT PLANS** – This section contains paragraphs 5 thru 11 of the WDR and discusses the importance of developing and implementing SSMPs, uniform SSO reporting, SSMP certification, and the importance of well - funded and managed sanitary sewer systems.

**REGULATORY CONSIDERATIONS** – This section contains paragraphs 12 - 23 of the WDR, and cites important elements of the California Water Code, Sections 13263, 13050, Basin Plans (water quality control plans), other applicable State Water Board resolutions, exemptions from CEQA, references to the State Water Board Fact Sheet, as well as public agency notification and the public hearings conducted during the drafting to the proposed general WDR.

- A. **DEFINITIONS:** This section contains definitions of an SSO, a sanitary sewer system, enrollee, SSO Reporting System, untreated or partially treated wastewater, satellite collection system, and nuisance
- B. **APPLICATION REQUIREMENTS:** This section includes the deadlines for application, and terms of permit coverage.

- C. PROHIBITION: This section deals with the prohibitions relating to SSOs discharged to the waters of the United States, including those that cause a nuisance as defined in California Water Code Section 13050(m)
- D. PROVISIONS: As stated in the WDR, OCSD must meet the following provisions, abbreviated or copied as follows:
1. The enrollee must comply with all conditions of the Order. Noncompliance constitutes a violation of the California Water Code and is grounds for enforcement.
  2. The Board's intent is that all sewer systems be regulated in a manner consistent with this general WDR. Four subsections here describe specific interpretations that shall not be applied to the general WDR.
  3. Enrollees shall take all feasible steps to eliminate SSOs and to contain and mitigate their impacts if they occur.
  4. In the even of an SSO the Enrollee shall take all feasible steps to prevent SSOs from entering storm drains or flood control channels by blocking them and removing the wastewater
  5. All SSOs must be reported in accordance with Section G of this WDR
  6. Enforcement actions and specific factors, the State and/or Regional Water Boards will consider the appropriate factors under the duly adopted State Water Board Enforcement Policy and must consider the Enrollee's efforts to contain, control, and mitigate SSOs when considering the California Water Code Section 13327 factors. In assessing these factors, the State and/or Regional Water Boards will also consider whether:
    - (i) The Enrollee has complied with the requirements of this Order, including requirements for reporting and developing and implementing a SSMP;
    - (ii) The Enrollee can identify the cause or likely cause of the discharge event;
    - (iii) There were no feasible alternatives to the discharge, such as temporary storage or retention of untreated wastewater, reduction of inflow and infiltration, use of adequate backup equipment, collecting and hauling of untreated wastewater to a treatment facility, or an increase in the capacity of the system as necessary to contain the design storm event identified in the SSMP. It is inappropriate to consider the lack of feasible



alternatives, if the Enrollee does not implement a periodic or continuing process to identify and correct problems.

- (iv) The discharge was exceptional, unintentional, temporary, and caused by factors beyond the reasonable control of the Enrollee;
  - (v) The discharge could have been prevented by the exercise of reasonable control described in a certified SSMP for:
    - Proper management, operation and maintenance;
    - Adequate treatment facilities, sanitary sewer system facilities, and/or components with an appropriate design capacity, to reasonably prevent SSOs (e.g., adequately enlarging treatment or collection facilities to accommodate growth, infiltration and inflow, etc...);
    - Preventive maintenance (including cleaning and fats, oils, and grease (FOG) control);
    - Installation of adequate backup equipment; and
    - Inflow and infiltration prevention and control to the extent practicable.
  - (vi) The sanitary sewer system design capacity is appropriate to reasonably prevent SSOs.
  - (vii) The Enrollee took all reasonable steps to stop and mitigate the impact of the discharge as soon as possible.
7. When an SSO occurs the Enrollee shall take all feasible steps and necessary remedial actions to: 1) control or limit the volume of untreated or partially treated wastewater discharged, 2) terminate the discharge, and 3) recover as much of the wastewater discharged as possible for proper disposal, including any wash down water.
- The Enrollee shall implement all remedial actions to the extent they may be applicable to the discharge and not inconsistent with an emergency response plan, including the following:
- (i) Interception and rerouting of untreated or partially treated wastewater flows around the wastewater line failure;
  - (ii) Vacuum truck recovery of sanitary sewer overflows and wash down water;
  - (iii) Cleanup of debris at the overflow site;
  - (iv) System modifications to prevent another SSO at the same location;

- (v) Adequate sampling to determine the nature and impact of the release; and
  - (vi) Adequate public notification to protect the public from exposure to the SSO.
8. The Enrollee shall properly, manage, operate, and maintain all parts of the sanitary sewer system owned or operated by the Enrollee, and shall ensure that the system operators (including employees, contractors, or other agents) are adequately trained and possess adequate knowledge, skills, and abilities.
  9. The Enrollee shall allocate adequate resources for the operation, maintenance, and repair of its sanitary sewer system, by establishing a proper rate structure, accounting mechanisms, and auditing procedures to ensure an adequate measure of revenues and expenditures. These procedures must be in compliance with applicable laws and regulations and comply with generally acceptable accounting practices.
  10. The Enrollee shall provide adequate capacity to convey base flows and peak flows, including flows related to wet weather events. Capacity shall meet or exceed the design criteria as defined in the Enrollee's System Evaluation and Capacity Assurance Plan for all parts of the sanitary sewer system owned or operated by the Enrollee.
  11. The Enrollee shall develop and implement a written Sewer System Management Plan (SSMP) and make it available to the State and/or Regional Water Board upon request. A copy of this document must be publicly available at the Enrollee's office and/or available on the Internet. This SSMP must be approved by the Enrollee's governing board at a public meeting.
  12. In accordance with the California Business and Professions Code Sections 6735, 7835, and 7835.1, all engineering and geologic evaluations and judgments shall be performed by or under the direction of registered professionals competent and proficient in the fields' pertinent to the required activities. Specific elements of the SSMP that require professional evaluation and judgments shall be prepared by or under the direction of appropriately qualified professionals, and shall bear the professional(s)' signature and stamp.
  13. The mandatory elements of the SSMP are specified below. However, if the Enrollee believes that any element of this section is not appropriate or applicable to the Enrollee's sanitary sewer system, the SSMP program does not need to address that element. The Enrollee,

must justify why that element is not applicable. The SSMP must be approved by the deadlines listed in the SSMP Time Schedule below.

OCSD Plan: Items A, B, C above do not require specific future actions. OCSD completed Item B, paragraph 2, "Applications under this general\_WDR," by submitting our WDR application as required, on October 30, 2006.

OCSD agrees to all of the prohibitions relating to SSOs discharged to the waters of the United States, including those that cause a nuisance as defined in California Water Code Section 13050(m).

14. OCSD will respond to items in Part D, Provisions, Sections 1 through 13, (as necessary) in our SSMP.

#### Sewer System Management Plan (SSMP)

- (i) Goals: The goal of the SSMP is to provide a plan and schedule to properly manage, operate, and maintain all parts of the sanitary sewer system. This will help reduce and prevent SSOs, as well as mitigate any SSOs that do occur.

OCSD Plan: OCSD will update our existing SSMP (as necessary) to meet this goal.

- (ii) Organization: The SSMP will identify:
  - (a) The name of the responsible or authorized representative as described in Section J of this Order.
  - (b) The names and telephone numbers for management, administrative, and maintenance positions responsible for implementing specific measures in the SSMP program. The SSMP must identify lines of authority through an organization chart or similar document with a narrative explanation; and

OCSD Plan: OCSD currently maintains organization charts that provide this information. All of this general information is available for review in our FY 06/07 budget book which can be accessed on our website at [www.ocsd.com](http://www.ocsd.com). This information will be included in our final SSMP due on May 2, 2009.

- (c) Chain of communication for reporting SSOs:

OCSD Plan: A guidance decision matrix showing the chain of communication for reporting SSOs exists in our current SSO Notification Procedures. This matrix will be verified and updated for inclusion in our Overflow Emergency Response Plan due on November 2, 2008.

- (iii) Legal Authority: Each Enrollee must demonstrate, through sanitary sewer system use ordinances, service agreements, or other legally binding procedures, that it possesses the necessary legal authority to:
  - (a) Prevent illicit discharges into its sanitary sewer system (examples may include infiltration and inflow (I/I), stormwater, chemical dumping, unauthorized debris and cut roots, etc...);
  - (b) Require that sewers and connections be properly designed and constructed;
  - (c) Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency;
  - (d) Limit the discharge of fats, oils, and grease and other debris that may cause blockages, and
  - (e) Enforce any violation of its sewer ordinances.

OCSD Plan: These issues in section (iii) will be included in our Legal Authority deadline due on November 2, 2008. All of these elements and ordinances are now in place. OCSD's legal counsel is aware of the deadlines under this Order and will ensure that the Legal Authority section is up to date at when it is scheduled to be completed.

- (iv) Operation and Maintenance Program. The SSMP must include those elements listed below that are appropriate and applicable to the Enrollee's system:
  - (a) Maintain an up-to-date map of the sanitary sewer system, showing all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities;
  - (b) Describe routine preventive operation and maintenance activities by staff and contractors; including a system for scheduling regular maintenance and cleaning of the sanitary sewer system with more frequent cleaning and maintenance targeted at known problem areas. The Preventative Maintenance (PM) program should have a system to document scheduled and conducted activities, such as work orders;
  - (c) Develop a rehabilitation and replacement plan to identify and prioritize system deficiencies and implement short-term and long-term rehabilitation actions to address each deficiency. The program should include regular visual and TV inspections of manholes and sewer pipes, and a system for ranking the condition of sewer pipes and scheduling rehabilitation. Rehabilitation and replacement should focus on sewer pipes that are at risk of collapse or prone to more frequent blockages due to pipe defects. Finally, the rehabilitation and replacement plan should include a capital improvement plan that addresses proper management and protection of the infrastructure assets. The plan shall include a time schedule for implementing the

- short and long term plans plus a schedule for developing the funds needed for the capital improvement plan;
- (d) Provide training on a regular basis for staff in sanitary sewer system operations, maintenance, and require contractors to be appropriately trained; and
  - (e) Provide equipment and replacement part inventories, including identification of critical replacement parts.

OCSD Plan: These elements described in section (iv) will be included in our Operations and Maintenance SSMP program task element due on November 2, 2008. All of these elements exist now, but will be updated as necessary in our final O&M program description and compliance summary in our SSMP.

The sewer-mapping component is complete and being managed by our Engineering Department. OCSD currently has a copy of the County of Orange Drainage Facility maps in the Control Center at Reclamation Plant No. 1 in Fountain Valley. OCSD has also obtained GIS stormdrain facility information from the County of Orange Resources Development and Management Department (RDMD). This information is available to be incorporated for mapping purposes into our GIS. Should we decide to do this, priorities would be given to those areas within our service area where the smaller diameter pipes (8-inch diameter and less) have had blockages.

The current Rehabilitation and Replacement Plan was developed under our existing SSMP. OCSD currently has an ongoing preventative and corrective maintenance program that includes the above elements described in subparagraph (iv) (c). OCSD has also developed a life-cycle asset management program for the components of our collection system. We will describe our PM program in detail in this section of the final SSMP, including the CIP plan, budget, and time schedules, as necessary.

We will describe elements of the CCTV and visual inspection program in this section of the final SSMP.

We will describe our training program in detail in this section of the SSMP. OCSD's staff is currently participating in the CWEA certification program for collection system maintenance technologists. OCSD is also working with CWEA to further develop the program that they offer to ensure we can help maintain its value to our staff and contractors. OCSD also provides ongoing in-house technical and safety training for its staff. The long-range elements of the training plan were completed in late 2005 and are constantly undergoing review by our Health and Safety Division.

The asset inventory of all of our equipment and replacement parts, including our critical replacement parts, is contained in our asset register, which is maintained as part of our asset management program. We will discuss this in more detail in this section of the final SSMP.

- (v) Design and Performance Provisions:
  - (a) Design and construction standards and specifications for the installation of new sanitary sewer systems, pump stations and other appurtenances; and for the rehabilitation and repair of existing sanitary sewer systems; and
  - (b) Procedures and standards for inspecting and testing the installation of new sewers, pumps, and other appurtenances and for rehabilitation and repair projects.

[OCSD Plan](#): These procedures (OCSD Engineering Standards – Revision E) are available for review by regulators or the public at the Engineering Department business counter and are available for internal use on the OCSD intranet. OCSD also has a program for updating our standards and specifications on an ongoing basis.

We also have a “Lessons Learned” component of our CIP projects to help guide needed changes. We will update these elements in our Final SSMP due on May 2, 2009. All of our past and current work has been guided by these various standards and specifications. These are on file now and are subject to change and revision as needed.

- (vi) Overflow Emergency Response Plan - Each Enrollee shall develop and implement an overflow emergency response plan that identifies measures to protect public health and the environment. At a minimum, this plan must include the following:
  - (a) Proper notification procedures so that the primary responders and regulatory agencies are informed of all SSOs in a timely manner;
  - (b) A program to ensure appropriate response to all overflows;
  - (c) Procedures to ensure prompt notification to appropriate regulatory agencies and other potentially affected entities (e.g. health agencies, regional water boards, water suppliers, etc...) of all SSOs that potentially affect public health or reach the waters of the State in accordance with the MRP. All SSOs shall be reported in accordance with this MRP, the California Water Code, other State Law, and other applicable Regional Water Board WDR or NPDES permit requirements. The SSMP should identify the officials who will receive immediate notification;
  - (d) Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Emergency Response Plan and are appropriately trained;
  - (e) Procedures to address emergency operations, such as traffic and crowd control and other necessary response activities; and
  - (f) A program to ensure that all reasonable steps are taken to contain and prevent the discharge of untreated and partially treated wastewater to waters of the United States and to minimize or correct any adverse

impact on the environment resulting from the SSOs, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the discharge.

OCSD Plan: OCSD currently has a highly effective SSO emergency response plan in place that includes extensive notification procedures, based on the new California Integrated Water Quality System (CIWQS) on-line SSO Reporting System Database. Our plan will be reviewed and updated as necessary to conform with the requirements this WDR, and we will respond to all items in section (vi) in detail in the appropriate sections of our updated SSMP, as well as any other changes that the State Water Board makes to the CIWQS reporting program.

- (vii) Fats, Oils, and Grease (FOG) Control Program: Each Enrollee shall evaluate its service area to determine whether a FOG control program is needed. If an Enrollee determines that a FOG program is not needed, the Enrollee must provide justification for why it is not needed. If FOG is found to be a problem, the Enrollee must prepare and implement a FOG source control program to reduce the amount of these substances discharged to the sanitary sewer system. This plan shall include the following as appropriate:
  - (a) An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG;
  - (b) A plan and schedule for the disposal of FOG generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of FOG generated within a sanitary sewer system service area;
  - (c) The legal authority to prohibit discharges to the system and identify measures to prevent SSOs and blockages caused by FOG;
  - (d) Requirements to install grease removal devices (such as traps or interceptors) design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements;
  - (e) Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance;
  - (f) An identification of sanitary sewer system sections subject to FOG blockages and establish a cleaning maintenance schedule for each section; and

OCSD Plan: A major collaborative effort took place on this SSMP requirement during the development of our existing SSMP. Items (a) thru (f) are already part of our ongoing FOG Control Program, and will be further discussed and updated (as necessary) in our SSMP due May 2, 2009.

- (viii) System Evaluation and Capacity Assurance Plan: The Enrollee shall prepare and implement a capital improvement plan (CIP) that will provide hydraulic capacity of key sanitary sewer system elements for dry weather peak flow conditions, as well as the appropriate design storm or wet weather event. At a minimum, the plan must include:
- (a) Evaluation: Actions needed to evaluate those portions of the sanitary sewer system that are experiencing or contributing to an SSO discharge caused by hydraulic deficiency. The evaluation must provide estimates of peak flows (including flows from SSOs that escape from the system) associated with conditions similar to those causing overflow events, estimates of the capacity of key system components, hydraulic deficiencies (including components of the system with limiting capacity) and the major sources that contribute to the peak flows associated with overflow events;
  - (b) Design Criteria: Where design criteria do not exist or are deficient, undertake the evaluation identified in “a” above to establish appropriate design criteria; and
  - (c) Capacity Enhancement Measures: The steps needed to establish a short- and long-term capital improvement plan (CIP) to address identified hydraulic deficiencies including prioritization, alternatives analysis, and schedules. The CIP may include increases in pipe size, I/I reduction programs, increases and redundancy in pumping capacity, and storage facilities. The CIP shall include an implementation schedule and shall identify sources of funding.
  - (d) Schedule: The Enrollee shall develop a schedule of completion dates for all portions of the capital improvement program developed in (a-c) above. This schedule shall be reviewed and updated consistent with the SSMP review and update requirements as described in Section D. 14.

OCSD Plan: OCSD currently has design standards and guidelines to assure adequate capacity. OCSD’s capital improvement program also assures that older gravity and pumping facilities are upgraded as needed to ensure adequate capacity through the system. These programs and their schedules will be described more extensively in the appropriate sections of our revised SSMP.

We will formally address items covered in Section (viii) in our System Evaluation and Capacity Assurance plan due on May 2, 2009. We already work under annual and long-range plans that have proven effective. All items covered in Section (vii) are part of our current plan in some manner. We are not having capacity related problems at this time.

Our current plan takes us out to the year 2020 for sewers and pumping facilities. The RWQCB, Santa Ana Region participated in OCSD’s recent Strategic Plan efforts in



1999 and 2002 and have copies of the plans on file. A Master Plan update is scheduled for completion December 2008.

No dry-weather bottlenecks exist to staff's knowledge, and recent projects have eliminated the known wet-weather related bottlenecks. We are also continuing to work with our satellites on I/I reduction projects.

In April, 2006, OCSD completed the Collection System Model for the Strategic Plan Update that is a part of a long-range Strategic Master Planning process, which includes capacity planning for future growth. This flow model is an important new planning tool for our SSMP.

Diversion of dry-weather urban runoff into the sanitary sewers to improve watershed quality follows a rigorous permit process and is managed by our Source Control Division. The current program was approved by our Board in April 2000.

- (ix) Monitoring, Measurement, and Program Modifications: The Enrollee shall:
  - (a) Maintain relevant information that can be used to establish and prioritize appropriate SSMP activities;
  - (b) Monitor the implementation and, where appropriate, measure the effectiveness of each element of the SSMP;
  - (c) Assess the success of the preventative maintenance program;
  - (d) Update program elements, as appropriate, based on monitoring or performance evaluations; and
  - (e) Identify and illustrate SSO trends, including: frequency, location, and volume.

OCSD Plan: OCSD will be establishing a formal methodology to monitor the implementation effectiveness of each SSMP element, and will be working with our Regulatory Compliance and Environmental Affairs division and our internal auditor to ensure that we remain in compliance with the provisions of the WDR. Changes will be made as necessary to continually improve this document and update program elements, as appropriate, in accordance with the provisions of this section based on the results of our future evaluations.

OCSD has been reporting and keeping statistics on its SSOs for over a decade and has been monitoring some nation-wide statistics. The measurement portion of the program is still being developed and will likely include an SSO-trending metric.

OCSD has assigned a Principal Staff Analyst as the SSMP task manager to work with staff to review and monitor the implementation, and where appropriate, measure the effectiveness of each element of the SSMP.

- (x) SSMP Program Audits - As part of the SSMP, the Enrollee shall conduct periodic internal audits, appropriate to the size of the system and the number of SSOs. At a minimum, these audits must occur every two years and a report must be prepared and kept on file. This audit shall focus on evaluating the effectiveness of the SSMP and the Enrollee's compliance with the SSMP requirements identified in this subsection (D.13), including identification of any deficiencies in the SSMP and steps to correct them.

OCSD Plan: OCSD currently has an internal audit program to evaluate the effectiveness of our SSMP and our compliance with the SSMP requirements. Internal audits will be conducted on our SSMP in accordance with the requirements stated above. Our Environmental Compliance and Regulatory Affairs division will conduct these audits as necessary. Strategies to identify and correct deficiencies in our SSMP, if they exist, will be accomplished by the responsible OCSD department.

- (xi) Communication Program – The Enrollee shall communicate on a regular basis with the public on the development, implementation, and performance of its SSMP. The communication system shall provide the public the opportunity to provide input to the Enrollee as the program is developed and implemented.

The Enrollee shall also create a plan of communication with systems that are tributary and/or satellite to the Enrollee's sanitary sewer system.

OCSD Plan: Our plan to comply with section (xi) includes short-term and long-term measures that will be described more fully in our final SSMP. The OCSD Public Affairs division currently has a team in place to work on these items, including collaborating with our satellite systems. In the interim, OCSD's website is being used to convey this information.

- 14. Both the SSMP and the Enrollee's program to implement the SSMP must be certified by the Enrollee to be in compliance with the requirements set forth above and must be presented to the Enrollee's governing board for approval at a public meeting. The Enrollee shall certify that the SSMP, and subparts thereof, are in compliance with this WDR within the time frames identified in the time schedule provided in subsection D.15, below.

In order to complete this certification, the Enrollee's authorized representative must complete the certification portion in the Online SSO Database Questionnaire by checking the appropriate milestone box, printing and signing the automated form, and sending the form to:

State Water Resources Control Board  
Division of Water Quality  
Attn: SSO Program Manager

P.O. Box 100  
 Sacramento, CA 95812

The SSMP must be updated every five (5) years, and must include any significant program changes. Recertification by the governing Board of the Enrollee is required in accordance with D.14 when significant updates to the SSMP are made. To complete the recertification process, the Enrollee shall enter the data in the Online SSO Database and mail the form to the State Water Board, as described above.

OCSD Plan: OCSD's governing board will certify the SSMP once it has been completed, and agrees to the recertification schedule in Section 14 above. The database questionnaire was submitted to the State Water Board in November 2006 as a part of the WDR enrollment process.

15. The Enrollee shall comply with these requirements according to the following schedule. This time schedule does not supersede existing requirements or time schedules associated with other

Sewer System Management Plan Time Schedule for OCSD

Task and Associated Section of WDR	Completion Date
Application for Permit Coverage <b>Section C</b>	6 months after WDRs Adoption or by Nov. 2 ,2006
Reporting Program <b>Section G</b>	8 months after WDRs Adoption or on Jan. 3, 2007
SSMP Development Plan and Schedule <b>No specific Section</b>	9 months after WDRs Adoption or on Feb. 2, 2007 MOA 6 month extension: August 2, 2007
Goals and Organization Structure <b>Section D 13 (i) &amp; (ii)</b>	12 months after WDRs Adoption or on May 2, 2007 MOA 6 month extension: November 2, 2007
Overflow Emergency Response Program <b>Section D 13 (vi)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Legal Authority <b>Section D 13 (iii)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Operation and Maintenance Program <b>Section D 13 (iv)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Grease Control Program <b>Section D 13 (vii)</b>	24 months after WDRs Adoption or on May 2, 2008 MOA 6 month extension: November 2, 2008
Design and Performance <b>Section D 13 (v)</b>	36 months after WDRs Adoption or on May 2, 2009
System Evaluation and Capacity Assurance Plan <b>Section D 13 (viii)</b>	36 months after WDRs Adoption or on May 2, 2009

OCSD Plan: We acknowledge and agree to the Sewer System Management Plan Time Schedule as listed in the table above.

E. WDR and SSMP AVAILABILITY

1. A copy of this WDR and the certified SSMP shall be maintained at appropriate locations (such as the Enrollee's offices, facilities, and/or Internet homepage) and shall be available to sanitary sewer system operating and maintenance personnel at all times.

OCSD Plan: OCSD will maintain a copy of this WDR and a copy of its SSMP at the Plant No. 1 Control Center, the Plant No. 2 Operations Center, the O&M Department Offices, the Environmental Compliance and Regulatory Affairs division offices, the OCSD Documents Control library, the Collection Facilities O&M division offices and the OCSD website ([www.ocsd.com](http://www.ocsd.com)). It will be available to sanitary sewer system operating and maintenance personnel and all interested parties at these locations (as appropriate).

F. ENTRY AND INSPECTION

1. The Enrollee shall allow the State or Regional Water Boards or their authorized representative, upon presentation of credentials and other documents as may be required by law, to:
  - a. Enter upon the Enrollee's premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Order;
  - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
  - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
  - d. Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order or as otherwise authorized by the California Water Code, any substances or parameters at any location.

OCSD Plan: We currently provide access to the State or Regional Water Board or their authorized representative(s), upon presentation of credentials and other documents as may be required by law, as stipulated above.

## G. GENERAL MONITORING AND REPORTING REQUIREMENTS

1. The Enrollee shall furnish to the State or Regional Water Board, within a reasonable time, any information which the State or Regional Water Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The Enrollee shall also furnish to the Executive Director of the State Water Board or Executive Officer of the applicable Regional Water Board, upon request, copies of records required to be kept by this Order.
2. The Enrollee shall comply with the attached Monitoring and Reporting Program No. 2006-0003 and future revisions thereto, as specified by the Executive Director. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. 2006-0003. Unless superseded by a specific enforcement Order for a specific Enrollee, these reporting requirements are intended to replace other mandatory routine written reports associated with SSOs.
3. All Enrollees must obtain SSO Database accounts and receive a "Username" and "Password" by registering through the California Integrated Water Quality System (CIWQS). These accounts will allow controlled and secure entry into the SSO Database. Additionally, within 30-days of receiving an account and prior to recording spills into the SSO Database, all Enrollees must complete the "Collection System Questionnaire", which collects pertinent information regarding a Enrollee's collection system. The "Collection System Questionnaire" must be updated at least every 12 months.
4. Pursuant to Health and Safety Code section 5411.5, any person who, without regard to intent or negligence, causes or permits any untreated wastewater or other waste to be discharged in or on any waters of the State, or discharged in or deposited where it is, or probably will be, discharged in or on any surface waters of the State, as soon as that person has knowledge of the discharge, shall immediately notify the local health officer of the discharge. Discharges of untreated or partially treated wastewater to storm drains and drainage channels, whether man made or natural or concrete lined, shall be reported as required above.

All SSOs greater than 1,000 gallons discharged in or on any waters of the State, or discharged in or deposited where it is, or probably will be, discharged in or on any surface waters of the State shall also be reported to the Office of Emergency Services pursuant to California Water Code section 13271.

[OCSD Plan:](#) We are currently complying with these M&RP requirements, effective on January 2007, as adopted by the State Water Board. Any future questions we have on these requirements will be brought to the State Water Board's attention for review and response, as well as improvements to the CIWQS.

## H. CHANGE IN OWNERSHIP

1. This Order is not transferable to any person or party, except after notice to the Executive Director. The Enrollee shall submit this notice in writing at least 30 days in advance of any proposed transfer. The notice must include a written agreement between the existing and new Enrollee containing a specific date for the transfer of this Order's responsibility and coverage between the existing Enrollee and the new Enrollee. This agreement shall include an acknowledgement that the existing Enrollee is liable for violations up to the transfer date and that the new Enrollee is liable from the transfer date forward.

## I. INCOMPLETE REPORTS

1. If an Enrollee becomes aware that it failed to submit any relevant facts in any report required under this Order, the Enrollee shall promptly submit such facts or information by formally amending the report in the Online SSO Database.

## J. REPORT DECLARATION

1. All applications, reports, or information shall be signed and certified as follows:
  - (i) All reports required by this Order and other information required by the State or Regional Water Board shall be signed and certified by a person designated, for a municipality, state, federal or other public agency, as either a principal executive officer or ranking elected official, or by a duly authorized representative of that person, as described in paragraph (ii) of this provision. (For purposes of electronic reporting, an electronic signature and accompanied certification, which is in compliance with the Online SSO database procedures, meets this certification requirement)
  - (ii) An individual is a duly authorized representative only if:
    - (a) The authorization is made in writing by a person described in paragraph (i) of this provision; and
    - (b) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity.

K. CIVIL MONETARY REMEDIES FOR DISCHARGE VIOLATIONS

1. The California Water Code provides various enforcement options, including civil monetary remedies, for violations of this Order.
2. The California Water Code also provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or falsifying any information provided in the technical or monitoring reports is subject to civil monetary penalties.

L. SEVERABILITY

1. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.
2. This order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the Enrollee from liability under federal, state or local laws, nor create a vested right for the Enrollee to continue the waste discharge.

OCSD Plan: We understand the requirements stated in paragraphs H through L and OCSD agrees to all of the stipulations stated above.

# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 07/18/07
Item Number	Item Number 12

Orange County Sanitation District



**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: Martin Dix

**SUBJECT:** 66KV SUBSTATION AT PLANT NO. 1, JOB NO. P1-97

### GENERAL MANAGER'S RECOMMENDATION

1. Approve Plans and Specifications for 66kV Substation at Plant No. 1, Job No. P1-97;
2. Approve Addendum No. 1 to the plans and specifications;
3. Receive and file bid tabulation and recommendation;
4. Award a construction contract to Miron Electric for 66kV Substation at Plant No. 1, Job No. P1-97, for a total amount not to exceed \$4,561,000; and,
5. Approve a 7% contingency for change orders to said contract (\$319,270).

### SUMMARY

- The purpose of Job No. P1-97 is to provide sufficient electrical service capacity to supply power to the loads for new facilities that will be added to Plant No. 1 through 2012.
- The construction of the substation will be performed under two different contracts with a total construction budget of \$13,000,000. A contract has been awarded to SCE for installation of transformers and electrical equipment in the amount of \$7,202,000. The remaining construction budget for Job No. P1-97 is \$5,798,000.
- The low bid is less than the construction budget of \$5,798,000; however, the low bid is \$278,000 over the Engineer's estimate. Higher copper and equipment prices are the main reasons for the low bid exceeding the Engineer's estimate.
- CDM completed the plans and specifications for Job No. P1-97 in May 2007. Five sealed bids were received on July 3, 2007. Summary information on the bid opening for Job No. P1-97 is as follows:



Project Budget:	\$15,893,000
Construction Contract Budget:	\$13,000,000
SCE Construction Contract Budget	\$ 7,202,000
Remaining Construction Contract Budget:	\$ 5,798,000
Engineer's Estimate	\$ 4,282,400
Lowest Responsive, Responsible Bid:	\$ 4,561,000
High Bid:	\$ 6,228,138

- The Director of Engineering recommends the award of the construction contract for Job No. P1-97, 66kV Substation at Plant No. 1, to the lowest, responsive, responsible bidder, Miron Electric, in an amount not to exceed \$4,561,000 and a 7% contingency.
- This item is within the current project budget.

### **PRIOR COMMITTEE/BOARD ACTIONS**

- Approval of Professional Services Agreement with CDM for an amount not to exceed \$779,381. (February 2006)
- Approval of Sole Source Agreement with SCE for an amount not to exceed \$6,052,000; and increase the project budget in the amount of \$4,302,947 for a total amount of \$9,475,538. (March 2006)
- Approval of Amendment No. 1 to the Sole Source Agreement with Southern California Edison for engineering services, fees, materials, and labor for 66kV Substation at Plant No. 1, Job No. P1-97, for an additional amount of \$1,150,000 increasing the total contract amount not to exceed \$7,202,000. (May 2007)

### **ADDITIONAL INFORMATION**

This approval complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted. (Line item: Section 8, Page 75).

**Award Date:** 7/18/07                      **Contract Amount:** \$4,561,000                      **Contingency:** 7%

MD:eh:bm:gc

# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 07/18/07
Item Number	Item Number 13

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Director of Engineering  
Project Manager: Dave May

**SUBJECT:** COOPERATIVE AGREEMENT WITH ATLANTIC RICHFIELD COMPANY

### GENERAL MANAGER'S RECOMMENDATION

Approve a Cooperative Agreement with the Atlantic Richfield Company to assist in the management and disposal of petroleum-contaminated soil during construction of the 66-Inch Ellis Avenue Trunk Sewer, Contract No. I-10A, in a form approved by General Counsel.

### SUMMARY

- The Orange County Sanitation District is constructing a tunnel within Ellis Avenue in the City of Fountain Valley for a sanitary sewer, 66-inch Ellis Avenue Trunk Sewer, Contract No. I-10A, and anticipates the possibility of encountering contaminated soil during excavation.
- Atlantic Richfield Company (ARC) owned and/or operated underground petroleum storage tanks at the intersection of Ellis Avenue and Brookhurst Avenue in Fountain Valley in connection with an ARCO gasoline service station. These tanks, as well as other tanks in close proximity to the ARC property, have leaked petroleum into the soil.
- The petroleum contamination has incrementally increased OCSD's construction costs based on the need to investigate the nature and extent of contamination and excavate and segregate contaminated soil.
- Through the proposed agreement, ARC commits to bear the costs for the transport and disposal of this petroleum-contaminated soil.
- The agreement establishes agreed upon procedures for identifying and handling petroleum-contaminated soils by the construction contractor hired by OCSD for the Ellis Avenue Project. The agreement also establishes procedures for ARC to take control of petroleum-contaminated soils identified and segregated by OCSD and ARC and manage disposal in a legal receiving facility, including identification of ARC as the generator of the petroleum-contaminated soils.

- The proposed cooperative agreement will not impact the project budget.

**PRIOR COMMITTEE/BOARD ACTIONS**

N/A

**ADDITIONAL INFORMATION**

N/A

**ATTACHMENTS**

None

GB:DM:eh:gc