

AGENDA

**BOARD OF DIRECTORS
ORANGE COUNTY SANITATION DISTRICT**

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

REGULAR MEETING

March 26, 2008 – 6:30 P.M.

1. Invocation and Pledge of Allegiance (Sal Tinajero – Santa Ana)
2. Roll Call
3. Consideration of motion to receive and file minute excerpts of member agencies relating to appointment of Directors, if any.

<u>City/Agency</u>	<u>Active Director</u>	<u>Alternate Director</u>
Garden Grove	Bill Dalton	Steven Jones

4. Public Comments
5. The Chair, General Manager and General Counsel may present verbal reports on miscellaneous matters of general interest to the Directors. These reports are for information only and require no action by the Directors.
6. Ratifying payment of claims of the District, by roll call vote, as follows:

<u>ALL DISTRICTS</u>	<u>02/15/08</u>	<u>02/29/08</u>
Totals	\$18,093,564.92	\$8,414,861.58

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

7. 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 February 27, 2008, to be filed and deemed approved, as mailed. (*Minutes to be distributed at the Board of Directors meeting on March 26, 2008.*)

END OF CONSENT CALENDAR

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

COMMITTEE REPORTS AND RECOMMENDED ACTIONS8. **STEERING COMMITTEE****Consent Calendar**

- a. Order Steering Committee Minutes for the meeting held on February 27, 2008, to be filed. (*Minutes to be distributed at the Board of Directors meeting on March 26, 2008.*)

Non-Consent Calendar

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

9. **OPERATIONS COMMITTEE****Consent Calendar**

- a. Order Operations Committee Minutes for the meeting held on March 5, 2008, to be filed. (*Minutes to be distributed at the Board of Directors meeting on March 26, 2008.*)
- b. Adopt Resolution No. OCSD08-02, Establishing Support for an Enhanced Source Control Program to Reduce the Discharge of Emerging Pollutants of Concern.
- c.
 - 1) Approve a budget increase of \$1,867,942 for Headworks Rehabilitation/ Refurbishment at Plant No. 1, Job No. P1-71, for a total budget of \$11,024,341;
 - 2) Approve a Professional Consultant Services Agreement with Carollo Engineers for Headworks Rehabilitation/Refurbishment at Plant No. 1, Job No. P1-71, providing for construction support services for an amount not to exceed \$493,883; and,
 - 3) Approve a 5% contingency (\$24,694).

Non-Consent Calendar

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

10. ADMINISTRATION COMMITTEEConsent Calendar

- a. Order Administration Committee Minutes for the meeting held on March 12, 2008, to be filed. (*Minutes to be distributed at the Board of Directors meeting on March 26, 2008.*)
- b. Approve a contract with Liberty Mutual as the insurance carrier to insure the District's Owner Controlled Insurance Program for General Liability and Workers Compensation, for a five year program, at a cost not to exceed \$18,000,000, in a form approved by General Counsel.

Non-Consent Calendar

- c. Consideration of items deleted from 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 February 11, 2008, to be filed.

GWRSSC Non-Consent Calendar

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

NON-CONSENT CALENDAR

12. Authorize the General Manager to purchase insurance policies to insure the Sanitation District's Owner Controlled Insurance Program, for a five-year program, in a form approved by General Counsel, at a cost as follows:

- a. Excess liability insurance, for a cost not to exceed \$1.5 million;
- b. Builder's Risk insurance, for a cost not to exceed \$2.0 million;
- c. Pollution Liability insurance, for a cost not to exceed \$300,000.

13. Ratify use of General Manager's emergency purchasing authority, Resolution No. OCSD 07-04, authorizing the General Manager to issue Purchase Order No. 64912-OS to Moore & Taber Geotechnical Constructors for emergency soil grouting repairs to the 120-inch Ocean Outfall, for a total amount not to exceed \$200,000.

14. 1) Ratify the use of General Manager's Purchasing Authority, Resolution No. OCSD 07-04, Section 4.08, authorizing the General Manager to award a Service Agreement, Specification No. FR-2008-366, to Mladen Buntich Construction Company, Inc., for Pacific Coast Highway Force Main Valve Replacements, Project No. FE07-06, for an amount not to exceed \$281,340;

2) Ratify Amendment No. 1 for removing sewage from District pipelines to Pacific Coast Highway Force Main Valve Replacement, Specification No. FR-2008-366, with Mladen Buntich Construction Company, Inc., not to exceed an additional \$120,000, increasing the total contract to \$401,340; and,

3) Approve a contingency of 20% (\$80,268).

15. 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

CONFERENCE WITH LEGAL COUNSEL RE. EXISTING LITIGATION
(Subdivision (a) of Section 54956.9)

Case: Lynda Heller (Dec.), Christian Heller (App.) vs. Orange County Sanitation District; Workers Compensation Appeals Board No.: AHM 0098129; AHM Unassigned; Claim No.: 7827-0001-01-0029

b. Reconvene in regular session

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

16. Other business and communications or supplemental agenda items, if any.

17. Adjournment - The next Board of Directors regular meeting is scheduled for April 23, 2008, at 6:30 p.m.

Agenda Posting: In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the District's Administrative offices not less than 72 hours prior to the meeting date and time above. All 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	jruth@ocsd.com
Assistant General Manager	Bob Ghirelli	(714) 593-7400	rghirelli@ocsd.com
Clerk of the Board	Penny Kyle	(714) 593-7130	pkyle@ocsd.com
Director of Engineering	Jim Herberg	(714) 593-7020	jherberg@ocsd.com
Director of Fin. & Admin Services	Lorenzo Tyner	(714) 593-7550	ltynr@ocsd.com
Director of Operations & Maintenance	Nick Arhontes	(714) 593-7210	narhontes@ocsd.com
Director of Technical Services	Ed Torres	(714) 593-7080	etorres@ocsd.com
General Counsel	Brad Hogin	(714) 415-1006	bhogin@wss-law.com

BOARD OF DIRECTORS

AGENDA REPORT

Meeting Date	To Bd. of Dir. 03/26/08
Item Number	Item Number 6

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 02/01/08 - 02/15/08 and 02/16/08 - 02/29/08

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
Accounts Payable - Warrants			
98009	Black & Veatch Corporation	\$ 243,429.64	Professional Services J-33-3
98010	Brown & Caldwell	239,593.96	Professional Services P2-90 & P2-91
98011	City of Anaheim, Public Utilities Dept.	30,675.31	Reconciliation User Fee Refund Program
98012	Coastal Traffic Systems, Inc.	34,825.00	Professional Services - Traffic Control Plans Re Manhole Project in City of Irvine
98013	Corporate Image Maintenance, Inc.	34,590.00	Custodial Services Spec. No. 9899-09
98014	CS-AMSCO	67,815.70	Mechanical Parts & Supplies
98015	Dudek & Associates, Inc.	30,051.18	Professional Services P2-68 & FE05-41
98016	Emerson Process Management, L.L.P.	47,400.43	Instruments & Software; and Maintenance, Calibration & Testing of Relays & Circuit Breakers
98017	Hewlett Packard Company	38,970.73	Server & Hardware/Software
98018	JCI Jones Chemicals, Inc.	26,707.94	Sodium Hypochlorite
98019	Kemira Water Solutions, Inc.	88,191.28	Ferric Chloride
98020	Ken Thompson, Inc.	45,000.00	Professional Services - Inspection & Corrosion Investigations - Newport Force Main
98021	Lee & Ro, Inc.	70,946.86	Professional Services FE06-04 & 5-49
98022	Voided Check	-	-
98023	Polydyne, Inc.	69,304.67	Cationic Polymer MO 3-11-92
98024	Southern California Edison	3,702,000.00	Construction P1-97
98025	Synagro West, Inc.	578,092.98	Residuals Removal MO 3-29-95
98026	Tule Ranch/Magan Farms	290,139.16	Residuals Removal MO 3-29-95
98027	US Peroxide, L.L.C.	97,069.84	Odor & Corrosion Control Treatment for Coll. Sys.; Hydrogen Peroxide & Ferrous Chloride
98028	Adams/Mallory Construction Co., Inc.	123,853.50	Construction P1-106
98029	J F Shea Construction, Inc.	2,156,642.35	Construction P2-66
98030	Kiewit Pacific Co.	3,210,858.00	Construction P1-102
98031	Miron Electric Construction Corp.	123,075.00	Construction P1-97
98032	Shimmick Construction Co., Inc.	1,150,405.59	Construction P2-80 & P2-91
98033	Steve P. Rados, Inc.	232,407.00	Construction I-2-4
98034	Union Bank of California	25,823.00	Construction I-2-4, Retention
98035	Union Bank of America Escrow	113,507.50	Construction P2-66, Retention
98036	J F Shea Construction, Inc.	206,228.70	Construction P2-74
98037	AccuStandard	905.08	Lab Parts & Supplies
98038	Advance Business Graphics	534.33	Printing Services - #10 Envelopes w/Return Address & Logo
98039	Ago IndustriesDBA So-Cal Sweeping	720.00	Street Sweeping Services
98040	Airgas Safety, Inc.	451.24	Safety Supplies
98041	American Water Works Assoc./Water Quality	173.00	Membership
98042	Artech Elevator Services	1,400.00	Monthly Elevator Maintenance at Plts. 1 & 2
98043	Aquatic Biosystems, Inc.	300.50	Lab Parts & Supplies
98044	Arizona Instrument	2,017.50	Instrument Repairs- Jerome Meter
98045	Arnold Ontes Design, Inc.	5,000.00	Professional Services - 2006-07 Annual Report
98046	Ashbrook Corporation	4,711.84	Mechanical Parts & Supplies
98047	AT & T Universal Biller	2,757.25	Telephone Service
98048	AT & T California/MCI	3,215.53	Telephone Service
98049	AT & T Long Distance.	1,090.50	Telephone Service
98050	The Austin Company	4,800.00	Professional Services FE07-13
98051	Awards & Trophies Company	18.00	Awards & Plaques
98052	AWSI	63.00	Department of Transportation Program Management & Testing
98053	Baker Tanks	3,582.76	Tank Rentals
98054	Basic Chemical Solutions, L.L.C.	24,151.95	Sodium Bisulfite & Sodium Hydroxide
98055	Battery Specialties	471.95	Batteries

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98056	BEC-Building Electronic Controls, Inc	3,900.00	Fire Alarm System Maintenance, Repair & Quarterly Inspection
98057	Berge's Governor Service	689.95	Electrical Parts & Supplies
98058	Black Box Corporation	1,103.40	Computer Software/Hardware
98059	Blue Marlin Group	450.54	Locks - Ocean Monitoring Vessel Nerissa
98060	California Municipal Treasurers Assoc.	70.00	Meeting Registration - Division 220
98061	Martin Boyer Co., Inc. c/o Cambridge Integrated	2,875.00	Professional Services - Workers' Compensation Claims
98062	Carollo Engineers	22,517.50	Professional Services - Research Strategic Plan
98063	CASA	3,450.00	Meeting Registration - Divisions 110 & 150
98064	Circle, Inc.	580.53	Office Supplies - Toner Cartridges
98065	City of Newport Beach	1,200.00	Annual Mooring Fee - Nerissa
98066	Clean Harbors Environmental Services	13,063.72	Hazardous Waste Management Services
98067	CMAA	90.00	Training Registration (Construction Management Assoc. of America)
98068	Compressor Components of California	11,049.78	Mechanical Parts & Supplies
98069	Consumers Pipe & Supply Co.	2,353.33	Plumbing Parts & Supplies
98070	Corporate Express	726.11	Office Supplies
98071	Council on Education in Management	1,495.00	Training Registration
98072	Counterpart Enterprises, Inc.	895.15	Mechanical Parts & Supplies
98073	County Wholesale Electric Co.	998.84	Electrical Parts & Supplies
98074	Crane Veyor Corp.	2,320.00	Maintenance Agreement - Qtrly. & Annual Inspections, Certification & Quadrennial Testing
98075	Culligan of Orange County	1.25	Maint. Agreement - Cen Gen Water Softener System
98076	CWEA Annual Conference	1,330.00	Meeting Registration Divisions 240, 620 & 850 (California Water Environment Association)
98077	CWEA Membership	110.00	Membership (Calif. Water Environment Assoc.)
98078	CWEA	1,150.00	Meeting Registration
98079	Delta Environmental Consultants, Inc.	750.00	Reconciliation User Fee Refund Program
98080	David's Tree Service	9,850.00	Tree Maint. Service
98081	Department of General Services	17.55	Cooperative Purchasing Program - CA Multiple Award Services Discount Fee
98082	Dun & Bradstreet, Inc.	13,095.00	Reporting Services - Capital Improvement Program Bidder Responsibility Evaluation
98083	Earth Tech, Inc.	1,396.54	Professional Services P1-106
98084	Employers Group	875.00	On-Site Clerical Training - Taking Better Minutes
98085	Enchanter, Inc.	2,250.00	Ocean Monitoring & Outfall Inspection & Maintenance
98086	Enecon Corporation	940.00	Repair & Maintenance Materials
98087	Eskel Porter Consulting, Inc.	5,711.68	Professional Services - Implementation of Microsoft Customer Relationship Management Application
98088	FEDEX Corporation	252.01	Freight Services
98089	Fisher Scientific Company, L.L.C.	113.39	Lab Parts & Supplies
98090	FLW, Inc.	198.26	Mechanical Parts & Supplies
98091	Frys Electronics	102.14	Computer Supplies
98092	City of Fullerton	39.68	Water Use
98093	Gallade Chemical, Inc.	3,384.96	Muriatic Acid
98094	Global Dosimetry Solutions, Inc.	188.56	OCSD Badges
98095	GMR Transcription	335.00	Legal Services
98096	Gold Coast Awards, Inc.	24.48	Name Badges
98097	Goldenwest Corp.	4,103.00	Various Cleaning Services - Windows, Electric Carts/Vehicles, Lab Bldg., & Cubicle
98098	Grainger, Inc.	2,800.06	Electrical Parts & Supplies
98099	Grande Foods	510.00	Reconciliation User Fee Refund Program
98100	Graybar Electric Company	1,470.27	Electrical Repair & Maintenance Services
98101	The Grimstad Company	422.74	Mechanical Parts & Supplies
98102	Health Care Apparel Services	3,251.84	Reconciliation User Fee Refund Program
98103	Hardy Diagnostics	1,244.22	Lab Parts & Supplies

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98104	Harold Primrose Ice	120.00	Ice For Samples
98105	Harrington Industrial Plastics, Inc.	761.31	Mechanical Parts & Supplies
98106	Hill Brothers	17,096.69	Chemicals - Odor & Corrosion Control - Newport Trunkline
98107	Hills Brothers Lock & Safe	198.60	Locksmith Services - Unlock & Replace Damaged Lockset at Digester Electrical Pump Room
98108	Home Depot	408.95	Misc. Repair & Maintenance Material
98109	Industrial Distribution Group	546.94	Mechanical Parts & Supplies
98110	Industrial Threaded Products, Inc.	128.63	Inventory Fasteners
98111	Invensys Systems, Inc.	1,735.14	Instrument Parts & Supplies
98112	J & L Industrial Supply	17.65	Mechanical Parts & Supplies
98113	Jamison Engineering Contractors, Inc.	14,318.19	Repair & Maintenance Services - Corrosion Damage P1 Barscreen #1
98114	Jays Catering	695.86	Meeting Expenses
98115	JPR Systems, Inc.	4,070.80	Mechanical Parts & Supplies
98116	Kelly Paper	78.93	Paper
98117	Kiesel Environmental Lab	50.00	Outside Laboratory Services
98118	Kroy, L.L.C.	152.82	Lab Parts & Supplies
98119	LA Testing	14.00	Asbestos Analyses
98120	Lucci's Gourmet Foods, Inc.	99.52	Meeting Expense
98121	Moravek Biochemical, Inc.	105.93	Reconciliation User Fee Refund Program
98122	Marinus Scientific	79.30	Lab Parts & Supplies
98123	Mayer Hoffman McCann, PC	3,060.00	Financial Auditing Services
98124	McMaster Carr Supply Co.	2,604.27	Mechanical Parts & Supplies
98125	Medlin Controls Co.	1,643.60	Instrument Parts & Supplies
98126	Mettler-Toledo	3,826.57	Software Support
98127	Voided Check	-	-
98128	National Plant Services, Inc.	3,500.00	Repair & Maintenance Services - Clean Air Gap Line at "C" Diversion Box & Vacuum Services
98129	NCMA	125.00	Training Registration
98130	Neutron Products, Inc.	2,977.52	Anionic Polymer
98131	Ninyo & Moore Corporate Accounting	1,233.50	Professional Services - Soils, Concrete & Other Materials Testing for Various Capital Projects
98132	Norcal Controls Incorporated	394.66	Instrument Supplies
98133	OCB Reprographics	256.79	Printing Service - MO 1/26/00
98134	Onesource Distributors, Inc.	3,329.58	Electrical Parts & Supplies
98135	Orange Fluid System Technologies, Inc.	1,860.21	Plumbing Parts & Supplies
98136	Oxygen Service Company	693.75	Rebuild Shop Gases & Lab Parts & Supplies
98137	Precision Powdercoating, Inc.	35.52	Reconciliation User Fee Refund Program
98138	Pacific Mechanical Supply	948.73	Pump
98139	Pacific Publishers	164.51	Publication
98140	PCA Metal Finishing	16,589.29	Reconciliation User Fee Refund Program
98141	PCS Express, Inc.	169.86	Courier Service
98142	Pepperdine University	750.00	Training Registration
98143	PL Hawn Company, Inc.	321.62	Electrical Parts & Supplies
98144	Project Management Institute	154.00	Membership
98145	Propipe	22,192.05	Sewerline Video Inspections
98146	Putzmeister America, Inc.	2,427.89	Pump Supplies
98147	Q Air Calif. - Div. of Pump Engineering	70.00	Freight Charges
98148	R L Abbott & Associates	2,000.00	Kern County Biosolids Consulting Services
98149	George L. Robertson	125.00	Membership
98150	Rainin Instrument Co., Inc.	198.82	Lab Parts & Supplies and Repairs
98151	Red Wing Shoes	82.75	Safety Shoes

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98152	RMS Engineering & Design, Inc.	2,995.00	Prof. Services - Structural Evaluation of Digester "S" and Digester R & S Pump Room Roof Deck
98153	Rockwell Engineering & Equipment Co.	13,724.87	Mechanical Parts & Supplies
98154	Royale Cleaners	13.50	Dry Cleaning Services
98155	RPM Electric Motors	1,939.28	Motor
98156	Speedy Circuits, Facility #2	1,170.98	Reconciliation User Fee Refund Program
98157	Sancon Engineering, Inc.	24,570.00	Repair & Maintenance Services - Manhole Rehab. Program
98158	SARBS	150.00	Training Registration
98159	SCS Engineers	400.00	Professional Svrs. - California Climate Action Registry/Certifier Re Carbon Dioxide Emission
98160	Shamrock Supply Co., Inc.	3,199.55	Cleaner/Degreaser
98161	Shureluck Sales & Engineering	523.56	Paint and Mechanical Parts & Supplies
98162	Siemens Water Technologies Corp.	893.89	Service Agreement - DI Water Systems at Plants 1 & 2
98163	Softchoice Corp.	4,498.57	Software - (25) Adobe Acrobat Standard V8.0 Licenses & (25) Adobe Acrobat Upgrade Licenses
98164	Source Graphics	808.13	Rental Equipment - Large Format Monochrome Scanning Device w/Software, Service & Support
98165	SPEX Certiprep, Inc.	82.84	Lab Parts & Supplies
98166	Square D Company	2,631.26	Electrical Parts & Supplies
98167	Stone River Company	212.27	Framing Services
98168	Stratus Environmental, Inc.	4,610.00	Professional Services - Groundwater Monitoring
98169	Summit Steel	2,734.04	Metal
98170	Sunset Industrial Parts	457.80	Mechanical Parts & Supplies
98171	SWRCB Accounting Office	308.00	Annual Storm Water Permit Fees - P2-90
98172	Cherry Aerospace, L.L.C.	2,256.02	Reconciliation User Fee Refund Program
98173	Terminix International	509.00	Pest Control
98174	Testamerica	1,357.00	Analysis of Biosolids
98175	Thompson Industrial Supply, Inc.	2,417.53	Mechanical Parts & Supplies
98176	Tony's Lock & Safe Service & Sales	172.27	Locks & Keys
98177	Stephen Patrick Myers	310.00	Weekly Cleaning of Atrium Pond
98178	Traffic Control Service, Inc.	862.00	Traffic Safety Supplies/Rentals
98179	The Training Clinic	3,370.51	On-Site Training - Leadership Competency Development
98180	Tyco Valves & Controls, L.P.	885.58	Electrical Parts & Supplies
98181	United Parcel Service	55.65	Parcel Services
98182	Universal Silencer	991.10	Electrical Parts & Supplies
98183	US Equipment Co., Inc.	1,847.14	Coolant
98184	Valin Corporation	5,112.79	Mechanical Parts & Supplies
98185	Vernes Plumbing	1,410.00	Service Contract - Testing, Repair & Cert. Backflow Devices at Plts. 1 & 2 & Pump Sta.
98186	Visual Systems Sign Supply	599.09	Laminating Supplies
98187	Vortex Corp.	1,791.77	Roll-Up Door Repairs - Various
98188	VWR Scientific Products	2,472.42	Lab Parts & Supplies
98189	The Wakenhut Corporation	5,512.85	Security Services
98190	Wastewater Technology Trainers	1,045.00	Training Registration
98191	WEF	538.00	Membership - Water Environment Federation
98192	WQI (Water Quality, Inc.)	600.00	Training Registration
98193	Xerox Corporation	87.15	Copier Services - Equipment Leases, Managed Services, & Metered Copy Usage & Charges
98194	Pacific Mercantile Bank	13,761.50	Construction P1-106, Retention
98195	Marian M. Alter	28.77	Meeting/Training Expense Reimbursement
98196	Emilio Ariston	66.00	Meeting/Training Expense Reimbursement
98197	Karen I. Baroldi	153.03	Meeting/Training Expense Reimbursement
98198	Larry R. Crandall	1,251.21	Meeting/Training Expense Reimbursement
98199	Chloe D. Dao	689.38	Meeting/Training Expense Reimbursement

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98200	Robert S. Dumity	54.00	Meeting/Training Expense Reimbursement
98201	Santiago A. Escobar	1,004.73	Meeting/Training Expense Reimbursement
98202	Robert P. Ghirelli	679.23	Meeting/Training Expense Reimbursement
98203	Michael I. Gold	642.54	Meeting/Training Expense Reimbursement
98204	Ingrid G. Hellebrand	879.99	Meeting/Training Expense Reimbursement
98205	Robert Holdman	828.83	Meeting/Training Expense Reimbursement
98206	Lina Hsiao	149.34	Meeting/Training Expense Reimbursement
98207	Vladimir A. Kogan	462.60	Meeting/Training Expense Reimbursement
98208	Linda Losurdo	129.29	Meeting/Training Expense Reimbursement
98209	Tom B. Meregillano	87.89	Meeting/Training Expense Reimbursement
98210	Dong J. Min	638.65	Meeting/Training Expense Reimbursement
98211	James D. Niswonger	892.69	Meeting/Training Expense Reimbursement
98212	James D. Ruth	671.22	Meeting/Training Expense Reimbursement
98213	Edith M. Smith	78.87	Meeting/Training Expense Reimbursement
98214	Christina M. Thomas	497.68	Meeting/Training Expense Reimbursement
98215	Edward M. Torres	700.68	Meeting/Training Expense Reimbursement
98216	Simon L. Watson	237.13	Meeting/Training Expense Reimbursement
98217	Michael D. White	21.00	Meeting/Training Expense Reimbursement
98218	Mark S. Wilson	110.00	Meeting/Training Expense Reimbursement
98219	David M. Yager	117.00	Meeting/Training Expense Reimbursement
98220	Michael I. Zedek	39.00	Meeting/Training Expense Reimbursement
98221	J F Shea Construction, Inc.	4,170.50	Construction J-77
98222	Orange County Sanitation District	12,673.55	Worker's Comp. Reimb.
98223	American Express	36,048.92	Purchasing Card Program, Misc. Supplies & Services
98224	Black & Veatch Corporation	218,430.03	Professional Services P1-76 & P1-102
98225	Brown & Caldwell	32,874.05	Professional Services P1-37 & Risk Analysis for Corrosion of OCSD Force Mains
98226	Camp Dresser & McKee, Inc.	28,887.69	Professional Services P1-97 & J-47
98227	Carollo Engineers	74,970.92	Professional Services - User Rate Study FY-2008-09
98228	Earth Tech, Inc.	127,309.65	Professional Services P1-100
98229	International Business Machines	27,332.64	Maintenance Agreement - Filenet
98230	JCI Jones Chemicals, Inc.	107,441.93	Sodium Hypochlorite
98231	Kemira Water Solutions, Inc.	57,134.85	Ferric Chloride
98232	Lee & Ro, Inc.	29,411.50	Professional Services 5-49
98233	Malcolm Pirnie, Inc.	133,025.63	Professional Services 5-50
98234	MWH Americas, Inc.	37,852.23	Professional Services P2-74
98235	NRG Engine Services, L.L.C..	221,697.00	Mechanical Parts & Supplies
98236	So Cal Gas Company	50,211.15	Natural Gas
98237	Tule Ranch/Magan Farms	248,317.76	Residuals Removal MO 3-29-95
98238	US Peroxide, L.L.C.	29,439.84	Odor & Corrosion Control Treatment for Coll. Sys.; Hydrogen Peroxide & Ferrous Chloride
98239	Weston Solutions, Inc.	50,829.17	Outside Laboratory Services - Core Ocean Monitoring Program
98240	Workforce Software, Inc.	36,570.00	Maintenance Agreement - Workforce Software
98241	A W Chesterton	816.74	Mechanical Parts & Supplies
98242	Absolute Standards, Inc.	372.00	Lab Parts & Supplies
98243	Agilent Technologies, Inc.	743.61	Lab Parts & Supplies
98244	Air Liquid America Specialty Gases	117.58	Lab Supplies
98245	Airgas Safety, Inc.	6,305.20	Safety Supplies
98246	Allied Electronics, Inc.	899.23	Electrical Parts & Supplies
98247	Altrex Performance Systems	3,958.00	Training Registration

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98248	American Airlines	4,456.07	Travel Services
98249	American Concrete Institute	213.00	Membership
98250	Applied Industrial Technology	8,354.08	Pumps
98251	AT & T Universal Biller	492.91	Telephone Service
98252	The Austin Company	3,016.39	Professional Services J-97
98253	AWWA	71.00	Membership (American Water Works Association)
98254	Bainbridge Tech Associates	5,850.00	Training Registration
98255	Baker Tanks	2,072.00	Tank Rentals
98256	Basic Chemical Solutions, L.L.C.	6,968.76	Sodium Bisulfite & Sodium Hydroxide
98257	Birmingham Controls	1,468.69	Valves
98258	BioMerieux Vitek, Inc.	75.84	Lab Parts & Supplies
98259	Brenntag Pacific, Inc.	438.18	Caustic Soda
98260	Bush & Associates, Inc.	2,190.00	Surveying Services - Various Locations
98261	California Dept. of Child Support	1,141.50	Wage Garnishment
98262	Casual Gourmet	159.47	Meeting Expenses
98263	CCS	510.00	Training Registration
98264	CDN Isotopes	285.00	Lab Parts & Supplies
98265	Circle, Inc.	1,180.33	Office Supplies - Toner Cartridges
98266	Coast Rubber Stamp, Mfg.	58.19	Office Supplies
98267	Coastal Ignition and Controls, Inc.	180.88	Mechanical Parts & Supplies
98268	Columbia Analytical Services, Inc.	1,458.00	Analysis of Wastewater, Industrial Wastewater & Biosolids
98269	Compressor Components of California	7,089.95	Mechanical Parts & Supplies
98270	Consumers Pipe & Supply Co.	34.75	Plumbing Parts & Supplies
98271	Corporate Express	1,913.15	Office Supplies
98272	Cortech Engineering	43.48	Pump Supplies
98273	Cotton Point Design, Inc. DBA Power Design	1,044.10	Electrical Parts & Supplies
98274	Counterpart Enterprises, Inc.	26.47	Freight Charges
98275	County Wholesale Electric Co.	1,451.94	Electrical Parts & Supplies
98276	CS-AMSCO	15,972.72	Mechanical Parts & Supplies
98277	CWEA Annual Conference	890.00	Training & Meeting Registration - Division 420 (California Water Environment Association)
98278	Dezurik Water Controls	2,289.86	Mechanical Parts & Supplies
98279	DHL Express USA, Inc.	144.56	Freight Services
98280	DLT&V Systems Engineering, Inc.	1,076.72	Engineering Services - FE07-09 & FE07-11
98281	Dudek & Associates, Inc.	1,063.75	Professional Services - Standard Operating Procedures
98282	Dunn Edwards Corporation	437.21	Paint Supplies
98283	Dwyer Instruments, Inc.	464.65	Instrument Parts & Supplies
98284	Ecology Control Industries	203.00	Reconciliation User Fee Refund Program
98285	El Buen Sabor Restaurant	10.06	Reconciliation User Fee Refund Program
98286	Employee Benefits Specialists, Inc.	12,229.16	Reimbursed Prepaid Employee Medical & Dependent Care
98287	Employers Group	200.00	On-Site Training - Taking Better Meeting Minutes
98288	Environmental Compliance Inspection Svce.	1,200.00	Professional Services - Fats, Oil Grease (FOG Program) Inspections
98289	Environmental Resource Associates	994.76	Lab Parts & Supplies
98290	Environmental Water Solutions, Inc.	9,830.69	Pump
98291	Ewing Irrigation Industrial	499.81	Landscape Irrigation Parts & Supplies
98292	Express Lens Lab	1,417.41	Safety Glasses
98293	Failsafe	15,843.17	Repair & Maintenance Services - Install Man-Way & Cover on Polymer & Ferric Chloride Tanks
98294	FEDEX Corporation	20.00	Freight Services
98295	Fisher Scientific Company, L.L.C.	1,914.72	Lab Parts & Supplies

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98296	Franchise Tax Board	50.00	Wage Garnishment
98297	Franklin Covey	84.62	Office Supplies
98298	FTS Lighting Services	45.26	Electrical Parts & Supplies
98299	Garratt Callahan Company	579.27	Chemicals
98300	GHD, L.L.C.	18,330.00	Professional Services - Asset Management Program
98301	Graham Corporation	6,439.14	Vacuum Pump
98302	Grainger, Inc.	1,734.94	Mechanical Parts & Supplies
98303	Guarantee Records Management	371.96	Off-Site Records Storage
98304	Haaker Equipment Company	662.00	Misc. Vehicle, Parts, Repairs & Service
98305	Hach c/o Ponton Industries	8,903.75	Instrument Parts & Supplies
98306	Hill Brothers	4,716.39	Chemicals - Odor & Corrosion Control - Newport Trunkline
98307	Hilti, Inc.	1,566.25	Mechanical Parts & Supplies
98308	Home Depot	470.08	Misc. Repair & Maintenance Material
98309	Hotsy Equipment Company	129.00	Repair Hot Water Pressure Washer
98310	Hub Auto Supply	1,134.34	Vehicle Parts & Supplies
98311	Indiana Child Support Bureau	290.00	Wage Garnishment
98312	Industrial Distribution Group	318.45	Mechanical Parts & Supplies
98313	Infrastructure Engineering Corp.	13,633.69	Professional Services FE07-06 & FE07-07
98314	Intergraph Corporation	6,115.89	Software Maint. Agreement - Software/Hardware
98315	Internal Revenue Service	175.00	Wage Garnishment
98316	Intl. Union of Oper. Eng. AFL CIO Local 501	4,707.00	Dues Deduction
98317	Invensys Systems, Inc.	5,244.31	Instrument Parts & Supplies
98318	Jamison Engineering Contractors, Inc.	16,935.00	Repair & Maint. Svrs. - Primary Basin Scum Holes; Inspections; Gas Leaks; ESPA Exhaust Ventilators
98319	Jays Catering	231.03	Meeting Expenses
98320	Johnstone Supply	306.86	Sealant
98321	Court Order	150.00	Wage Garnishment
98322	Lucci's Gourmet Foods, Inc.	75.33	Meeting Expense
98323	Matt Chlor, Inc.	3,586.48	Valves
98324	McGraw Hill Companies	163.98	Books & Publications
98325	McMaster Carr Supply Co.	5,103.50	Mechanical Parts & Supplies
98326	Medlin Controls Co.	82.48	Instrument Parts & Supplies
98327	Mid West Associates	226.49	Pump Parts & Supplies
98328	Midway Mfg. & Machining Co.	15,386.70	Mechanical Parts, Supplies & Repairs
98329	Court Order	225.00	Wage Garnishment
98330	N. Glantz & Son, Inc.	505.57	Reflective Vinyl Sheeting
98331	NAS Associates, Inc.	1,425.00	Lab Parts & Supplies
98332	NASSCO/PACP	250.00	Membership
98333	National Bond & Trust	2,005.33	U.S. Savings Bonds Payroll Deductions
98334	National Plant Services, Inc.	3,240.00	Maintenance Services - Polymer Tanks
98335	Nautilus Environmental, L.L.C.	350.00	Lab Parts & Supplies
98336	Neal Supply Co.	99.96	Plumbing Parts & Supplies
98337	Neutron Products, Inc.	5,952.58	Anionic Polymer
98338	Newark Electronics	28.93	Electrical Parts & Supplies
98339	Nextel Communications	1,108.45	Air Time
98340	Ninyo & Moore Corporate Accounting	17,587.50	Professional Services - Soils, Concrete & Other Materials Testing for Various Capital Projects
98341	OCEA	534.94	Dues Deduction
98342	Office Depot Business Services Division	3,809.33	Office Supplies
98343	OI Analytical	304.94	Lab Parts & Supplies

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98344	Onesource Distributors, Inc.	2,258.66	Electrical Parts & Supplies
98345	Oracle Corporation	1,852.25	Software License and Maintenance Agreement Renewal
98346	Orange County Sheriff	782.95	Wage Garnishment
98347	Orange County United Way	50.00	Employee Contributions
98348	Orange Fluid System Technologies, Inc.	490.73	Plumbing Parts & Supplies
98349	Oxygen Service Company	1,512.99	Lab Parts & Supplies
98350	Pace Precision Products, Inc.	4,793.08	Mechanical Parts & Supplies
98351	Pacific Mechanical Supply	293.24	Plumbing Supplies
98352	Paragon Plastics Company	292.63	Plexiglass Sheets
98353	Parker Supply Company	3,855.30	Industrial Step Covers
98354	Parkhouse Tire, Inc.	2,045.22	Tires
98355	Patten Systems, Inc.	823.88	Instrument Parts & Supplies
98356	Peace Officers Council of CA	2,025.81	Dues Deduction, Supervisors & Professionals
98357	PL Hawn Company, Inc.	469.81	Electrical Parts & Supplies
98358	Polydyne, Inc.	20,374.50	Cationic Polymer MO 3-11-92
98359	Praxair, Inc.	283.94	Lab Parts & Supplies
98360	Propipe	7,761.05	Sewerline Cleaning for City of Tustin & Unincorporated County Property
98361	PSI	589.21	Repair & Maintenance Services - Pressure Washer
98362	Quickstart Intelligence	5,590.00	Training Registration
98363	Rainbow Disposal Co.	3,195.99	Trash Removal
98364	Restek Corp.	866.97	Lab Parts & Supplies
98365	RPM Electric Motors	3,238.75	Repair & Maintenance Services - Transformer
98366	Science Applications International	2,360.00	Ocean Monitoring MO 6-8-94
98367	Scientific Refrigeration	2,181.52	Lab Equipment Repairs
98368	Shureluck Sales & Engineering	166.22	Mechanical Parts & Supplies
98369	Siemens Building Technologies	3,490.00	Software/Hardware Upgrade
98370	Siemens Water Technologies Corp.	2,770.25	Absorber Carbon Filters
98371	Sigma Aldrich, Inc.	95.85	Lab Parts & Supplies
98372	Smardan Supply Company	341.56	Mechanical Parts & Supplies
98373	Smith-Emery Company	260.00	Soils, Concrete & Other Materials Testing
98374	SPEX Certiprep, Inc.	811.46	Lab Parts & Supplies
98375	Stratus Environmental, Inc.	3,950.00	Professional Services - Groundwater Monitoring
98376	Sunset Ford	258.36	Vehicle Parts & Service
98377	Sunset Industrial Parts	5,430.06	Mechanical Parts & Supplies
98378	Technical Service Group, Inc.	1,598.08	SCADA System VAX Service Agreement
98379	T&D Communications	3,392.63	Telecommunications Cabling Service - Repair Copper/Fiber Infrastructure
98380	Testamerica Ontario	17.00	Analysis of Biosolids
98381	The Orange County Register	119.47	Notices & Ads
98382	The Reynolds Group	319.58	Reconciliation User Fee Refund Program
98383	The Vons Companies, Inc. #2324	180.00	Reconciliation User Fee Refund Program
98384	The Walking Man, Inc.	1,750.00	Printing and Distribution of Notifications of Various Construction Projects
98385	Thermo Electron North America, L.L.C.	2,100.00	Maintenance Agreement - Laboratory Instruments
98386	Thompson Industrial Supply, Inc.	1,279.26	Mechanical & Electrical Supplies
98387	Times Community News	106.25	Notices & Ads
98388	T-Mobile	106.42	Wireless Air Time
98389	Townsend Public Affairs	7,500.00	Legislative & Executive Advocate for Grant Funding
98390	Truck & Auto Supply, Inc.	421.80	Automotive Parts & Supplies
98391	Two Wheels One Planet	797.29	Bicycle Supplies

Claims Paid From 02/01/08 to 02/15/08

Warrant No.	Vendor	Amount	Description
98392	Ultra Scientific	52.20	Lab Parts & Supplies
98393	The Unisource Corporation	2,441.62	Office Supplies
98394	United Pacific Services, Inc.	11,916.99	Landscape Maintenance at Plants 1 & 2 and Pump Stations
98395	United Parcel Service	118.55	Parcel Services
98396	USA Mobility Wireless, Inc.	1,657.45	Wireless Services
98397	Valin Corporation	3,463.80	Mechanical Parts & Supplies
98398	Verizon	99.00	Telephone Service
98399	Village Nurseries	155.16	Landscaping Supplies
98400	Vortex Corp.	214.42	Door Repairs
98401	VWR Scientific Products	1,316.23	Lab Parts & Supplies
98402	Waxie Sanitary Supply	351.93	Janitorial Supplies
98403	Weather and Wind Instrument Co.	1,058.01	Wind Sock
98404	Wells Supply Co.	177.79	Traffic Valve Box & Cast Iron Cover
98405	Westport Apparatus DBA Breaker Supp.	2,639.88	Electrical Parts & Supplies
98406	Court Order	597.50	Wage Garnishment
98407	1-800-Conference(R)	40.00	Telephone Conference Calls
98408	California Business Bank	1,817.00	Construction 7-32-1, Retention
98409	Ken Thompson, Inc.	16,353.00	Construction 7-32-1
98410	Donald R. Cleveland	56.00	Meeting/Training Expense Reimbursement
98411	Lester Kevin Hadden	662.72	Meeting/Training Expense Reimbursement
98412	James E. Hauter	70.00	Employee Computer Loan Program
98413	Dale O. Henderson	651.39	Meeting/Training Expense Reimbursement
98414	Laurie J. Klinger	11.98	Meeting/Training Expense Reimbursement
98415	Vladimir A. Kogan	365.50	Meeting/Training Expense Reimbursement
98416	William F. Pierce	112.00	Meeting/Training Expense Reimbursement
98417	Sarah Redinger	395.31	Meeting/Training Expense Reimbursement
98418	Janet K. Roberts	23.00	Meeting/Training Expense Reimbursement
98419	Richard L. Spencer	3,623.16	Meeting/Training Expense Reimbursement
98420	Patrick A. Sullivan	152.15	Meeting/Training Expense Reimbursement
98421	Jonathan K. Thomsic	906.30	Meeting/Training Expense Reimbursement
98422	Gary J. Tuiasopopo-Kemper	318.09	Meeting/Training Expense Reimbursement
98423	Mark S. Wilson	66.00	Meeting/Training Expense Reimbursement
98424	Charles F. Winsor	461.70	Meeting/Training Expense Reimbursement
98425	Paula A. Zeller	1,267.51	Meeting/Training Expense Reimbursement
98426	American National Red Cross	4,441.76	Reconciliation User Fee Refund Program
98427	James B. Bear	876.87	User Fee Refund Regarding Septic Tanks
98428	County of Orange Auditor Controllor	300.00	Administration Fee - Adjustment to Property Tax Bill
98429	County of Orange Auditor Controllor	555.00	Administration Fee - Adjustment to Property Tax Bill
98430	County of Orange Auditor Controllor	675.00	Administration Fee - Adjustment to Property Tax Bill
98431	Clark Tingey Hatch	876.87	User Fee Refund Regarding Septic Tanks
98432	Home Depot	14,354.72	Reconciliation User Fee Refund Program
98433	Frank J. King	2,089.17	User Fee Refund Regarding Septic Tanks
98434	William Charles Koerner	1,785.21	User Fee Refund Regarding Septic Tanks
98435	Thomas Mercier	2,008.69	User Fee Refund Regarding Septic Tanks
98436	Brian Lance Miller	965.34	Reconciliation User Fee Refund Program
98437	John Nahigan	870.66	User Fee Refund Regarding Septic Tanks
98438	Lanh & Mai Phuong Nguyen	2,008.69	Reconciliation User Fee Refund Program
98439	Ninex	9,150.00	Software - Server License - Nintex Work Flow 2007

Claims Paid From 02/01/08 to 02/15/08

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
98440	Dennis O'Toole	684.88	User Fee Refund Regarding Septic Tanks
98441	Alvin R. Pauck	870.66	User Fee Refund Regarding Septic Tanks
98442	Rolland C. Pitzen	2,089.17	User Fee Refund Regarding Septic Tanks
98443	PYB Building Corp.	968.19	Reconciliation User Fee Refund Program
98444	Orlando A. Tafolla	200.00	Meeting/Training Expense Reimbursement
98445	Diego Velasco	2,089.17	User Fee Refund Regarding Septic Tanks
98446	Susanna Warner	2,089.17	Reconciliation User Fee Refund Program
98447	1530 Baker Street Associates	613.35	Reconciliation User Fee Refund Program
	Total Accounts Payable - Warrants	<u>\$ 15,558,720.04</u>	
<u>Payroll Disbursements</u>			
36838 - 38710	Employee Paychecks	\$ 115,888.40	Biweekly Payroll (02/13/08)
38711 - 38715	Employee Paychecks	3,028.50	Interim Payroll - Void, Reissue, Retros & IDEA (02/11/08 - 02/11/08)
151401 - 151970	Direct Deposit Statements	1,270,597.26	Biweekly Payroll (02/13/08)
	Total Payroll Disbursements	<u>\$ 1,389,514.16</u>	
<u>Wire Transfer Payments</u>			
	OCS D Payroll Taxes & Contributions	\$ 516,132.60	Biweekly Payroll (02/13/08)
	Deutsche Bank	353,574.98	Series 2006 Certificates of Participation February Interest Payment (02/01/08)
	Lloyds TSB Bank plc	52,371.69	Series 1992 Refunding Certificates of Participation Standby Purchase Agreement Commitment Fee (02/01/2008)
	Chase Manhattan Bank	66,044.98	Series 2000 Refunding Certificates of Participation Standby Purchase Agreement Commitment Fee (02/01/08)
	Depfa Bank	55,118.68	Series 2006 Certificates of Participation Commitment Fee (02/01/08)
	Bear Stearns Co., Inc.	24,776.99	Series 2006 Certificates of Participation Remarketing Fee (02/01/08)
	Societe Generale, NY Branch	53,939.93	Series 1993 Refunding COPs Standby Letter of Credit Commission (02/06/08)
	Bank of New York	23,370.87	Series 1993 Refunding Certificates of Participation February Interest Payment
	Total Wire Transfer Payments	<u>\$ 1,145,330.72</u>	
	Total Claims Paid 02/01/08 - 02/15/08	<u>\$ 18,093,564.92</u>	

Claims Paid From 02/16/08 to 02/29/08

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
<u>Accounts Payable - Warrants</u>			
98448	Black & Veatch Corporation	\$ 75,187.28	Professional Services J-79-1
98449	JCI Jones Chemicals, Inc.	36,520.73	Sodium Hypochlorite
98450	Southern California Edison	276,494.29	Power
98451	Barnard Soletanche Joint Venture	1,320,662.00	Construction I-10A
98452	J. F. Shea Construction, Inc.	703,539.45	Construction P2-90
98453	US Bank National Ass. Escrow	69,508.53	Construction I-10-A, Retention
98454	Accounting Options, Inc.	8,968.00	Temporary Employment Services
98455	AccuStandard	93.81	Lab Parts & Supplies
98456	Advance Business Graphics	938.79	Printing Services - Letterhead
98457	Aerrotek	5,904.64	Temporary Employment Services
98458	Airgas - West	10.54	Laboratory Supplies
98459	Alhambra Foundry Co., Ltd.	8,326.92	Manhole Frames & Covers
98460	All Seals, Inc.	257.82	Plastic Containers
98461	American Payroll Association	165.00	Membership
98462	AppleOne Employment Service	9,897.01	Temporary Employment Services
98463	Applied Industrial Technology	568.25	Mechanical Parts & Supplies
98464	AT & T Universal Biller	737.20	Telephone Service
98465	Aurora Pictures, Inc.	722.50	Safety Videos
98466	AWSI	133.00	Department of Transportation Program Management & Testing
98467	Basic Chemical Solutions, L.L.C.	7,009.23	Sodium Bisulfite & Sodium Hydroxide
98468	Battery Specialties	113.14	Batteries
98469	Benz Compressed Air Systems, Inc.	255.54	Filters
98470	BioMerieux Vitek, Inc.	599.44	Lab Parts & Supplies
98471	Blue Diamond Car Wash, Inc.	740.00	OCSD Vehicle Washing/Waxing Services
98472	Bush & Associates, Inc.	1,044.00	Surveying Services - Various Locations
98473	County of Orange	274.56	Maint. Agreement - Repair/Installation of Base, Handheld & Vehicle Radios
98474	California Relocation Services, Inc.	315.00	Office Files Moving/Relocation Services
98475	Cameron Compression Systems	1,505.08	Mechanical Parts & Supplies
98476	CDN Isotopes	565.00	Lab Parts & Supplies
98477	Charles P. Crowley Co.	3,837.81	Plumbing Parts & Supplies
98478	Circle, Inc.	560.06	Office Supplies - Toner Cartridges
98479	City of Tustin	275.00	2008 Membership - CalPACS 2.0 Software
98480	Clean Harbors Environmental Services	1,236.02	Hazardous Waste Management Services
98481	Communications Supply Corp.	514.46	Electrical Parts & Supplies
98482	Consumers Pipe & Supply Co.	10,087.23	Plumbing Parts & Supplies
98483	Corporate Express	292.65	Office Supplies
98484	CWEA Annual Conference	370.00	Meeting Registration - Division 830 (California Water Environment Association)
98485	CXTEC	821.54	Computer Hardware/Software
98486	Daniels Tire Service	363.78	Truck Tires
98487	David's Tree Service	3,400.00	Tree Maint. Service
98488	De Guelle & Sons Glass Co., Inc.	449.69	Window Glass Repairs/Replacement
98489	Dennis Greenberger, Ph.D.	1,225.00	Professional Services - Fit for Duty Exam
98490	Desert Pumps & Parts, Inc.	1,119.19	Pump Parts & Supplies
98491	Design-Build Institute of America	1,190.00	Meeting Registration - Divisions 750 & 760
98492	Dudek & Associates, Inc.	1,346.34	Professional Services - Water Quality
98493	Eagle Protection of California	275.00	Bldg. Security Alarm Services - No. County Yard
98494	Employment Development Dept.	4,459.00	State Unemployment Tax
98495	Enchanter, Inc.	4,400.00	Ocean Monitoring & Outfall Inspection & Maintenance

Claims Paid From 02/16/08 to 02/29/08

Warrant No.	Vendor	Amount	Description
98496	Enecon Corporation	1,370.00	Repair & Maintenance Materials
98497	Environmental Water Solutions, Inc.	4,982.83	Pressure Relief Valves
98498	FEDEX Corporation	66.76	Freight Services
98499	Filterline Corporation	77.26	Filters
98500	First American Real Estate Solutions	623.50	On-Line Orange County Property Information
98501	Fisher Scientific	9,663.35	Lab Parts & Supplies
98502	Fleet Transportation Services	17,433.15	Grit & Screenings Removal
98503	FLW, Inc.	47.18	Mechanical Parts & Supplies
98504	Frasco Profiles	928.00	Human Resources Background Checks
98505	Goldenwest Corp.	415.00	Power Washing Services - Pft. 2 Power Bldgs.
98506	Grainger, Inc.	286.49	Mechanical Parts & Supplies
98507	Graybar Electric Company	698.56	Electrical Parts & Supplies
98508	Great Western Sanitary Supplies	110.68	Janitorial Supplies
98509	Guarantee Records Management	410.75	Off-Site Records Storage
98510	Hasler, Inc.	89.43	Meter Rental Charges & Misc. Supplies - Intellitouch System Complete Mail System
98511	Home Depot	718.25	Misc. Repair & Maintenance Material
98512	Industrial Distribution Group	143.67	Mechanical Parts & Supplies
98513	Industrial Metal Supply	782.91	Metal
98514	Irvine Ranch Water District	53.79	Water Use
98515	Jays Catering	586.31	Meeting Expenses
98516	Jensen Instrument Co.	2,439.24	Pressure Gauge
98517	Jobster, Inc.	395.00	Notices & Ads
98518	Johnstone Supply	97.71	Mechanical Parts & Supplies
98519	Kemira Water Solutions	18,307.59	Ferric Chloride
98520	Kforce, Inc.	7,928.00	Temporary Employment Services
98521	Knox Associates, Inc. DBA Knox Company	196.11	Locks & Keys
98522	Lab Safety Supply, Inc.	897.17	Lab Parts & Safety Supplies
98523	LECO Corporation	459.20	Lab Parts & Supplies
98524	MT Motor Repair	8,214.50	Motor Repairs
98525	McMaster-Carr	11.41	Lab Parts & Supplies
98526	Malcolm Pirnie, Inc.	5,918.87	Professional Services I1-26
98527	Marine Technology Society	410.00	Training Registration
98528	MassMutual Michel Financial Group	79.04	Executive Disability Plan Premium
98529	Mc Junkin Corp	162.67	Plumbing Supplies
98530	McMaster Carr Supply Co.	1,165.35	Mechanical Parts & Supplies
98531	Mettler Toledo	5,710.75	Software Consulting Services
98532	Mine Safety Appliances Company	2,105.98	Electrical Parts & Supplies
98533	Mobile Hose & Hydraulic Supply	4,437.39	Hoses
98534	Neal Supply Co.	755.82	Plumbing Supplies
98535	Neptune Chemical Pump Co.	959.48	Sample Coolers
98536	Norcal Controls Incorporated	232.36	Instrument Parts & Supplies
98537	O C Tanner Recognition Company	911.63	Employee Service Awards Program
98538	Onesource Distributors, Inc.	421.68	Electrical Parts & Supplies
98539	Optio Software, Inc.	4,240.20	Software Maintenance Agreement
98540	Orange County Pubic Affairs Association	50.00	Membership
98541	Orange Fluid System Technologies, Inc.	1,308.15	Plumbing Parts & Supplies
98542	ORE Offshore	2,425.00	Lab Parts & Supplies
98543	Oxygen Service Company	903.13	Lab Parts & Supplies
98544	Parkcenter Consult. DBA Parkcenter Realty Advisors	5,500.00	Appraisal Services - North County Yard Railroad Easement

Claims Paid From 02/16/08 to 02/29/08

Warrant No.	Vendor	Amount	Description
98545	Polydyne, Inc.	14,633.01	Cationic Polymer MO 3-11-92
98546	Procare Work Injury Center	1,870.95	Medical Screenings
98547	Prudential Overall Supply	96.98	Uniforms & Related Articles
98548	Putzmeister America, Inc.	405.00	Pump Supplies
98549	RM Young Company	232.73	Annual Calibration Services - Wind Monitor
98550	Rue Vac Property Services	340.00	Street Sweeping Services
98551	SAWPA (Santa Ana Water Protection Agency)	15,000.00	2007-08 Annual Contribution for the Sucker Conservation & Recovery Funding
98552	Scottel Voice & Data, Inc.	2,284.79	Telephone System Maintenance
98553	Voided Check	-	-
98554	Shamrock Supply Co., Inc.	5,064.25	Tools & Misc. Supplies
98555	Shureluck Sales & Engineering	2,729.69	Mechanical Parts & Supplies
98556	Sigma Aldrich, Inc.	150.49	Lab Parts & Supplies
98557	Smardan Supply Company	613.62	Mechanical Parts & Supplies
98558	Southern California Trane Service	902.84	Condenser Fan Motor
98559	Southwest Scientific, Inc.	1,174.22	Instrument Supplies
98560	Southwest Valve & Equipment	3,793.81	Mechanical Parts & Supplies
98561	State Board of Equalization	22,206.00	Hazardous Waste Fee
98562	Steven Enterprises, Inc. - Remit	97.64	Office Supplies
98563	Summit Steel	856.61	Metal
98564	Sunset Industrial Parts	60.00	Mechanical Parts & Supplies
98565	Super Chem Corporation	366.35	Chemicals
98566	TekSystems	17,911.00	Temporary Employment Services
98567	Testamerica	4,544.00	Analysis of Biosolids
98568	The Standard Insurance Company	2,695.29	Executive Disability Insurance
98569	Osprey Marine Management	500.00	Core Ocean Monitoring
98570	Thompson Industrial Supply, Inc.	2,156.13	Mechanical Parts & Supplies
98571	Todd Painting, Inc.	3,967.00	Painting Services
98572	Tony's Lock & Safe Service & Sales	112.56	Locks & Keys
98573	Traffic Control Service, Inc.	86.80	Traffic Safety Supplies/Rentals
98574	Transcat	3,056.92	Instrument Parts & Supplies
98575	Truck & Auto Supply, Inc.	8.92	Automotive Parts & Supplies
98576	Underground Service Alert of So. Calif	1,497.00	Underground Utility Identification/Dig Alert Notification Service
98577	The Unisource Corporation	394.37	Office Supplies
98578	United Parcel Service	1,144.58	Parcel Services
98579	US Peroxide, L.L.C.	21,564.95	Odor & Corrosion Control Treatment for Coll. Sys.; Hydrogen Peroxide & Ferrous Chloride
98580	VWR Scientific Products	937.06	Lab Parts & Supplies
98581	The Wakenhut Corporation	11,506.16	Security Services
98582	Waxie Sanitary Supply	50.97	Janitorial Supplies
98583	Western States Controls	743.02	Electrical Parts & Supplies
98584	Westmark Paint Co.	269.59	Painting Supplies
98585	Matt Adams	413.76	Meeting/Training Expense Reimbursement
98586	Gerardo Amezcua	388.98	Meeting/Training Expense Reimbursement
98587	Michael J. Barrett	322.25	Meeting/Training Expense Reimbursement
98588	Ann H. Brandvoid	75.00	Meeting/Training Expense Reimbursement
98589	Allan P. Dumlao	271.95	Meeting/Training Expense Reimbursement
98590	Mark A. Esquer	959.53	Meeting/Training Expense Reimbursement
98591	Victoria L. Francis	594.51	Meeting/Training Expense Reimbursement
98592	Thomas A. Hunt	404.57	Meeting/Training Expense Reimbursement
98593	Philip Peterson	60.00	Meeting/Training Expense Reimbursement

Claims Paid From 02/16/08 to 02/29/08

Warrant No.	Vendor	Amount	Description
98594	Curt V. Shelp	282.60	Meeting/Training Expense Reimbursement
98595	Duane T. Smith	257.79	Meeting/Training Expense Reimbursement
98596	Kwen T. Tjen	210.74	Meeting/Training Expense Reimbursement
98597	Jeff W. Woodward	254.42	Meeting/Training Expense Reimbursement
98598	Carollo Engineers	38,260.77	Professional Services - 2008-09 Rate Study
98599	Du Pont	78,201.00	Painting Maint. Services MO 4-22-98
98600	HDR Engineering, Inc.	36,466.78	Professional Services P1-82
98601	Jamison Engineering Contractors, Inc.	34,380.00	Repair & Maintenance Services - Grading & Installation of Road Base - Easement
98602	JCI Jones Chemicals, Inc.	148,496.78	Sodium Hypochlorite
98603	Kemira Water Solutions, Inc.	94,107.82	Ferric Chloride
98604	Malcolm Pirnie, Inc.	67,228.09	Professional Services P2-80 & I-2-4A
98605	MetLife Life Insurance Company	40,913.47	Group Life, Manager Add'l. Life, Short & Long-Term Disability & Optional Term Life Ins.
98606	Occidental Energy Marketing, Inc.	103,203.96	Natural Gas for CenGen/CoGen
98607	Orange County Water District	802,906.85	Joint GWRS Project & Green Acres Water Project (GAP)
98608	Polydyne, Inc.	32,321.15	Cationic Polymer MO 3-11-92
98609	Terralog Technologies USA, Inc.	48,000.00	Professional Services - Geological Review & Technical Feasibility Design Study - Deep Well Injection
98610	Tule Ranch/Magan Farms	241,696.53	Residuals Removal MO 3-29-95
98611	US Peroxide, L.L.C.	31,571.22	Hydrogen Peroxide
98612	V & A Consulting Engineers	49,390.48	Prof. Serv. - Review/Assess Existing CCTV Sewer Inspection Tapes Re Physical Condition of OCSD Sewers
98613	Ken Thompson, Inc.	709,638.30	Construction 2-68
98614	Mike Bubalo Construction Co., Inc.	193,987.81	Construction I-2-4A
98615	Home Depot	25,477.36	Reconciliation User Fee Refund Program
98616	A W Chesterton	4,442.18	Mechanical Parts & Supplies
98617	Aera Energy, L.L.C.	5,750.00	Engineering Services - Geotechnical Investigation
98618	Absolute Standards, Inc.	173.00	Lab Parts & Supplies
98619	ACE Ergonomics	521.94	Ergonomic Furniture - Chair
98620	Acopian Technical Company	808.78	Electrical Parts & Supplies
98621	ADDCO, Inc.	58.57	Electrical Parts & Supplies
98622	Advanced Technology Service	1,806.60	Electrical Parts & Supplies
98623	Agilent Technologies, Inc.	653.78	Lab Parts & Supplies
98624	Airgas Safety, Inc.	2,861.19	Safety Supplies
98625	Alan Plummer Associates	4,589.60	Professional Services - Superoxygenation Process Feasibility Study
98626	Alhambra Foundry Co., Ltd.	5,947.80	Manhole Frames & Covers
98627	Amtech Elevator Services	1,452.00	Monthly Elevator Maintenance at Plts. 1 & 2
98628	Applied Industrial Technology	34.48	Mechanical Parts & Supplies
98629	Arizona Instrument	879.08	Instrument Repairs & Calibration Services
98630	AT & T Universal Biller	808.16	Telephone Service
98631	AT & T California/MCI	3,302.01	Telephone Service
98632	Auto Shop Equipment Co., Inc.	483.57	Auto Shop Supplies
98633	Basic Chemical Solutions, L.L.C.	12,930.24	Sodium Bisulfite & Sodium Hydroxide
98634	Ben Meadows Company, Inc.	56.73	Lab Parts & Supplies
98635	Berendsen Fluid Power	265.25	Mechanical Parts & Supplies
98636	Bucknam & Associates, Inc.	725.00	Professional Services - Pavement Management
98637	C & H Technology, Inc./Grand Power Components	740.01	Electrical Parts & Supplies
98638	City of Fountain Valley	598.82	Building Permit Fee FE07-08
98639	CAL/OSHA	630.00	Conveyance Inspection Fees
98640	California Dept. of Child Support	1,141.50	Wage Garnishment
98641	California Hazardous Services, Inc.	3,950.00	Underground Diesel Storage Tank Cleaning
98642	California Municipal Treasurers Assoc.	155.00	Membership

Claims Paid From 02/16/08 to 02/29/08

Warrant No.	Vendor	Amount	Description
98643	Callan Associates, Inc.	3,872.50	Investment Advisor
98644	Caltrol, Inc.	576.45	Mechanical Parts & Supplies
98645	CAPPO, Inc.	1,040.00	Membership
98646	Cardlock Fuel Systems, Inc.	21,594.76	Fuel Card Program - District Vehicles & Monitoring Vessel
98647	Cavanaugh Machine Works	860.00	Repair & Maintenance Services - Pump Parts
98648	CDN Isotopes	1,870.00	Lab Parts & Supplies
98649	CDW Government, Inc.	276.52	Computer Hardware/Software
98650	Coastline Equipment	4,471.63	Mechanical Parts & Supplies
98651	Cole Parmer Instrument Co.	347.88	Lab Parts & Supplies
98652	CompuCom Systems, Inc.	2,088.84	Software Licenses - Windows Terminal Server CAL User
98653	Computer Protection Technology, Inc.	24,613.70	Quarterly Maintenance of Batteries, Rectifiers, and UPS System
98654	Controlled Motion Solutions	969.66	Mechanical Parts & Supplies
98655	Corporate Express	449.73	Office Supplies
98656	Cortech Engineering	4,456.35	Pump & Pump Parts & Supplies
98657	Council on Education in Management	500.00	Training Registration
98658	County Wholesale Electric Co.	577.46	Electrical Parts & Supplies
98659	CS-AMSCO	19,682.27	Mechanical Parts & Supplies
98660	Culligan of Orange County	52.85	Maint. Agreement - Cen Gen Water Softener System
98661	Curley Wholesale Electric, Inc.	137.12	Electrical Parts & Supplies
98662	CWEA Annual Conference	560.00	Meeting Registration - Division 850 (California Water Environment Association)
98663	David's Tree Service	4,800.00	Tree Maint. Service
98664	Demsey, Filliger & Associates	750.00	Professional Services - Actuarial & Consulting Services Re Retiree's Health & Pension Programs
98665	Detector Technology	1,055.50	Lab Parts & Supplies
98666	DSZQUP	4,800.00	Professional Services - Software/Hardware Upgrade - Exchange 2007
98667	Dudek & Associates, Inc.	5,413.48	Professional Services FE05-45
98668	Employee Benefits Specialists, Inc.	12,229.16	Reimbursed Prepaid Employee Medical & Dependent Care
98669	ENS Resources, Inc.	11,618.12	Professional Services - Legislative Advocate
98670	Ewing Irrigation Industrial	2,246.59	Landscape Irrigation Parts & Supplies
98671	Ferguson Enterprises, Inc.	22,334.25	Mechanical Parts & Supplies
98672	Filter Belts, Inc.	10,869.83	Filter Press Belts
98673	Fisher Scientific	1,413.33	Lab Parts & Supplies
98674	Fleet Transportation Services	16,694.02	Grit & Screenings Removal
98675	Franchise Tax Board	50.00	Wage Garnishment
98676	Franklin Covey	165.27	Office Supplies
98677	FTS Lighting Services	50.79	Electrical Parts & Supplies
98678	Garratt Callahan Company	3,543.52	Chemicals
98679	Gerard Daniel Worldwide	107.36	Locks & Keys
98680	Gierlich Mitchell, Inc.	279.72	Mechanical Parts & Supplies
98681	Goldenwest Corp.	3,745.00	Installation of Drain at Plt. 1
98682	Grainger, Inc.	1,981.63	Mechanical Parts & Supplies
98683	Guy L. Warden & Sons	277.75	Electrical Parts & Supplies
98684	Hach c/o Ponton Industries	628.88	Lab Parts & Supplies
98685	Home Depot	729.90	Misc. Repair & Maintenance Material
98686	Indiana Child Support Bureau	290.00	Wage Garnishment
98687	Industrial Distribution Group	121.76	Mechanical Parts & Supplies
98688	Inorganic Ventures, Inc.	151.00	Lab Parts & Supplies
98689	Insurance Services Office, Inc.	550.00	Books & Publications
98690	Internal Revenue Service	175.00	Wage Garnishment
98691	Interstate Batteries of Cal Coast	2,252.83	Batteries for Vehicles & Carts

Claims Paid From 02/16/08 to 02/29/08

Warrant No.	Vendor	Amount	Description
98692	Intl. Union of Oper. Eng. AFL CIO Local 501	4,707.00	Dues Deduction
98693	J & L Industrial Supply	420.39	Tools
98694	JG Tucker And Son, Inc.	8,934.63	Safety System - Confined Space Retrieval
98695	Jays Catering	644.47	Meeting Expenses
98696	Johnstone Supply	54.28	Electrical Parts & Supplies
98697	Jumbo Dollar Enterprise, Inc.	3,928.00	Repair & Maintenance Services - Installation of Rod Iron Fence & Gate
98698	Kiesel Environmental Lab	50.00	Outside Laboratory Services
98699	Lab Safety Supply, Inc.	51.68	Lab Parts & Supplies
98700	Lehigh Safety Shoe Company	91.15	Safety Equipment
98701	Court Order	150.00	Wage Garnishment
98702	Lucci's Gourmet Foods, Inc.	191.25	Meeting Expense
98703	Lustre-Cal	830.71	OCSD Truck Decals
98704	MT Motor Repair	3,385.25	Motor Repairs
98705	Mc Junkin Corp	403.03	Plumbing Supplies
98706	MCI/Verizon	1,518.37	Wireless Telephone Services
98707	McMaster Carr Supply Co.	608.67	Mechanical Parts & Supplies
98708	Medlin Controls Co.	1,313.98	Instrument Parts & Supplies
98709	Court Order	225.00	Wage Garnishment
98710	National Bond & Trust	2,005.33	U.S. Savings Bonds Payroll Deductions
98711	Neutron Products, Inc.	2,962.78	Anionic Polymer
98712	New Horizons, C.L.C. of Santa Ana	150.00	On-Site Training - Outlook 2003
98713	Newark Electronics	472.21	Electrical Parts & Supplies
98714	OCB Reprographics	9,547.04	Printing Service - MO 1/26/00
98715	OCEA	534.94	Dues Deduction
98716	OEM Controls	557.16	Lab Parts & Supplies
98717	Office Depot Business Services Division	1,044.47	Office Supplies
98718	Onesource Distributors, Inc.	11,091.49	Electrical Parts & Supplies
98719	Orange County Chapter-ISCEBS	60.00	Meeting Registration Division 240
98720	Orange County Sheriff	782.95	Wage Garnishment
98721	United Way	50.00	Employee Contributions
98722	Orange Fluid System Technologies, Inc.	1,961.29	Plumbing Parts & Supplies
98723	Oxygen Service Company	367.94	Lab Parts & Supplies
98724	Pacific Mechanical Supply	84.51	Plumbing Supplies
98725	PCG Industries	8,400.00	Repair & Maintenance Services - Shaft & Housing
98726	Peace Officers Council of CA	2,025.81	Dues Deduction, Supervisors & Professionals
98727	Performance Pipeline Technologies	8,225.00	Sewerline Video Inspections - Various
98728	PL Hawn Company, Inc.	270.37	Electrical Parts & Supplies
98729	Plumbers Depot, Inc.	754.79	Mechanical Parts & Supplies
98730	Primary Source Office Furnishings, Inc.	1,328.56	Office Furniture & Misc. Equipment
98731	Propipe	13,476.07	Sewerline Video Inspections
98732	Prudential Overall Supply	1,558.91	Uniforms & Related Articles
98733	PSB Industries	4,538.25	Condenser
98734	Putzmeister America, Inc.	2,552.82	Oil Filters
98735	Pyramid Fence Company, Inc.	752.00	Fencing Installation
98736	Qualitrol Company, L.L.C.	1,019.64	Mechanical Parts & Supplies
98737	R & S Overhead Doors of So. Cal, Inc.	344.40	Electrical Parts & Supplies
98738	RBF Consulting	11,819.18	Engineering Services 2-24-1
98739	Resource Environmental, Inc.	4,900.00	Removal/Disposal Lead Based Paint at Pump Stations 7 & 8
98740	Restek Corp.	573.16	Lab Parts & Supplies

Claims Paid From 02/16/08 to 02/29/08

Warrant No.	Vendor	Amount	Description
98741	RMS Engineering & Design, Inc.	9,424.90	Engineering Services - FE06-12 & Electric/Telephone Vault Lid Removal at Plt. 1
98742	Rockwell Engineering & Equipment Co.	364.51	Freight Charges
98743	RPM Electric Motors	3,379.50	Motor Repairs
98744	Safe T Rack Systems, Inc.	704.60	Lab Parts & Supplies
98745	Safety-Kleen	510.25	Parts, Washer Lease, & Service
98746	South Coast Environmental Co.	8,378.60	Air Quality Monitoring
98747	Schwing Bioset	2,086.08	Pump Parts & Supplies
98748	Seton Name Plate	1,589.19	Street Sign Parts & Posts
98749	Shamrock Supply Co., Inc.	4,377.91	Tools & Cleaners
98750	Shureluck Sales & Engineering	1,227.86	Mechanical Parts & Supplies
98751	Siemens Water Technologies Corp.	1,357.14	Service Agreement - DI Water Systems at Plants 1 & 2
98752	Sigma Aldrich, Inc.	313.55	Lab Parts & Supplies
98753	Voided Check	-	-
98754	Southern Counties Lubricants	2,214.02	Oil
98755	Sparkletts	154.80	Drinking Water/Cooler Rentals
98756	SPEX Certiprep, Inc.	178.55	Lab Parts & Supplies
98757	Standard and Poors Corp.	5,000.00	COP Contract Service
98758	Systat Software, Inc.	1,308.00	Software Maintenance
98759	Terminix International	1,490.20	Pest Control
98760	Testamerica	474.00	Analysis of Biosolids
98761	The Walking Man, Inc.	400.00	Printing and Distribution of Notifications of Various Construction Projects
98762	Thompson Industrial Supply, Inc.	4,505.26	Mechanical Parts & Supplies
98763	Time Warner Communication	51.07	Cable Services
98764	Tony's Lock & Safe Service & Sales	7.27	Locks & Keys
98765	Traffic Control Service, Inc.	85.00	Traffic Safety Supplies/Rentals
98766	Transcat	1,966.67	Instrument Parts & Supplies
98767	Tri-County Fire	785.39	Maint. Agree. for Annual Inspection/Service Fire Extinguishers at Plts. 1 & 2, Pump Sta. & Fleet Vehicles
98768	Troemner Inc.,	490.56	Lab Equipment Calibration Services
98769	Truck & Auto Supply, Inc.	174.31	Automotive Parts & Supplies
98770	UBS Financial Services, Inc.	20,890.00	Remarketing Fee - 1992 & 1993 Series COPs
98771	United Pacific Services, Inc.	9,528.00	Landscape Maintenance at Plants 1 & 2 and Pump Stations
98772	United Parcel Service	162.02	Parcel Services
98773	Verizon California	39.55	Telephone Services
98774	Visual Systems Sign Supply	1,721.04	Vinyl Sign Cutter
98775	VWR Scientific Products	4,634.60	Lab Parts & Supplies
98776	WEF	500.00	Membership - Water Environment Federation
98777	WetLabs, Inc.	425.00	Lab Instrument Calibration Service
98778	Xerox Corporation	19,672.60	Copier Services - Equipment Leases, Managed Services, & Metered Copy Usage & Charges
98779	Yale/Chase Materials Handling, Inc.	985.00	Electric Cart Parts
98780	Court Order	597.50	Wage Garnishment
98781	Zimmerman Yacht Maintenance	278.00	Repair & Maintenance Service - Ocean Monitoring Vessel Nerissa
98782	Patrick B. Carnahan	189.82	Meeting/Training Expense Reimbursement
98783	Ernesto Castro	558.12	Meeting/Training Expense Reimbursement
98784	Peter Cheffs	61.00	Meeting/Training Expense Reimbursement
98785	Ann Crafton	225.00	Meeting/Training Expense Reimbursement
98786	Thomas D. Dodderer	52.12	Meeting/Training Expense Reimbursement
98787	Mike J. Herrera	18.00	Meeting/Training Expense Reimbursement
98788	Thomas A. Hunt	46.97	Meeting/Training Expense Reimbursement
98789	Padilla, Gilbert	61.00	Meeting/Training Expense Reimbursement

Claims Paid From 02/16/08 to 02/29/08

<u>Warrant No.</u>	<u>Vendor</u>	<u>Amount</u>	<u>Description</u>
98790	Johnny J. Rocha	528.91	Meeting/Training Expense Reimbursement
98791	Milton Rocha	544.44	Meeting/Training Expense Reimbursement
98792	Matthew P. Smith	103.62	Meeting/Training Expense Reimbursement
98793	Rachel J. Van Exel	150.59	Meeting/Training Expense Reimbursement
98794	Paul Ward	50.40	Meeting/Training Expense Reimbursement
98795	Jeff W. Woodward	958.15	Meeting/Training Expense Reimbursement
98796	United Parcel Service	65.00	Parcel Services
98797	Inland Litho	6,100.00	Postage for Community Newsletter Mailing - Winter 2008 Issue
98798	City of Irvine	4,346.00	Permit Fee - Manhole Replacement Project
	Total Accounts Payable - Warrants	<u>\$ 6,112,478.86</u>	
<u>Payroll Disbursements</u>			
38716 - 38771	Employee Paychecks	\$ 110,295.69	Biweekly Payroll (02/27/08)
38772 - 38777	Employee Paychecks	17,509.42	Interim Payroll - Merit Lump Sum Payments & Retirement (02/26/08 - 02/28/08)
15197 - 152533	Direct Deposit Statements	1,288,743.46	Biweekly Payroll (02/27/08)
	Total Payroll Disbursements	<u>\$ 1,416,548.57</u>	
<u>Wire Transfer Payments</u>			
	OCS D Payroll Taxes & Contributions	\$ 524,856.40	Biweekly Payroll - (02/27/08)
	US Bank	360,977.75	Series 2000 A & B Refunding Certificates of Participations February Interest Payment
	Total Wire Transfer Payments	<u>\$ 885,834.15</u>	
	Total Claims Paid 02/16/08 - 02/29/08	<u>\$ 8,414,861.58</u>	

OPERATIONS COMMITTEE

AGENDA REPORT

Meeting Date 03/05/08	To Bd. of Dir. 03/26/08
Item Number OP08-06	Item Number 9(b)

Orange County Sanitation District

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

SUBJECT: Adopt Resolution to Support an Enhanced Source Control Program

GENERAL MANAGER'S RECOMMENDATION

Adopt Resolution No. OCSD08-XX, Establishing Support for an Enhanced Source Control Program to Reduce the Discharge of Emerging Pollutants of Concern.

SUMMARY

- OCSD is required under our Joint Exercise of Powers Agreement with OCWD and by OCWD's Producer/User Water Recycling Permit to develop an Enhanced Source Control Program for controlling emerging pollutants of concern that may pose risk to the GWRS product water quality.
- The adoption of a resolution that recognizes the need for an Enhanced Source Control Program will support the expansion of the existing industrial source control program to residential and commercial sources. This, among other source control strategies, will be accomplished through a countywide public outreach program, which will aid OCSD in controlling and reducing the discharge of pollutants not only from industrial sources but from nonindustrial sources as well.
- Upon adoption of the Board resolution, OCSD will establish partnership with member agencies to seek voluntary participation in disseminating outreach materials through their existing media outlets such as utility bill inserts, newsletters, public service announcements, website links, and kiosks. OCSD will provide the outreach materials to participating member agencies at no cost.
- Assuming the participation from 25 member agencies, the annual cost would be approximately \$85,000 (excluding staff time, cost is predominantly for printing the outreach materials).

- The partnership will be formalized through a letter from OCSD's General Manager to member agency City Managers requesting for their support and to designate a contact person.
- Staff has also prepared talking points for each Director for discussion with their City Council and City Manager.

PRIOR COMMITTEE/BOARD ACTIONS

No prior action.

ATTACHMENTS

Proposed Resolution

RESOLUTION NO. OCSD08-02

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
ORANGE COUNTY SANITATION DISTRICT, ESTABLISHING
SUPPORT FOR AN ENHANCED SOURCE CONTROL
PROGRAM TO REDUCE THE DISCHARGE OF EMERGING
POLLUTANTS OF CONCERN

WHEREAS, the Ground Water Replenishment System (GWRS), a joint project of the Orange County Water District (OCWD) and the Orange County Sanitation District (OCSD), will take highly-treated sewer water and treat it beyond drinking water standards using advanced membrane purification facilities;

WHEREAS, GWRS will increase the existing recycled water supply by providing a more reliable and higher quality source of water for recharge, irrigation, and industrial uses and for protection of the Orange County Groundwater Basin from further degradation due to seawater intrusion;

WHEREAS, Section 15 of Order No. R8-2004-0002 issued by the California Regional Water Quality Control Board Santa Ana Region requires OCSD to expand its existing industrial pretreatment/source control program to include not only contaminants that can be detrimental to the facilities or environment, but also to include emerging pollutants of concern specified by the California Department of Health Services as may be harmful to human health and drinking water supplies of Orange County;

WHEREAS, Article No. 55 of the Joint Exercise of Powers Agreement for the development, operation and maintenance of the GWRS and the green acres project between OCWD and OCSD requires OCSD to control discharges that could adversely affect GWRS' water quality;

WHEREAS, in addition to the advanced treatment provided by OCWD, OCSD intends to enhance its existing source control program to include source control not only for industrial sources but also for domestic and commercial sources (nonindustrial sources) to reduce the discharge of emerging pollutants of concern and minimize any impacts to GWRS;

WHEREAS, Special Provision I.1 of the Ocean Discharge Permit requires OCSD to continue implementing a source control program and public education program for nonindustrial contaminants sources;

WHEREAS, unlike the source control program for industrial facilities where permits are issued to regulate dischargers, implementation of source control programs for domestic and commercial sources may be implemented through a voluntary pollution prevention outreach program designed to change improper waste disposal practices;

WHEREAS, voluntary support of each individual city is a critical element in the successful implementation of nonindustrial source control programs through dissemination of information using existing educational outreach resources, as well as other means that the cities

may choose to make available, to manage and minimize the discharge of contaminants from these sources;

WHEREAS, OCSD is governed by a 25-member board of directors comprising of elected representatives for each of the sewer agencies, cities, and county within OCSD's 471 square mile service area and is in a position to provide a key role to assist OCSD in its efforts to manage and minimize emerging pollutants of concern by communicating with their respective agencies to collaborate with OCSD.

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

DOES HEREBY RESOLVE, DETERMINE, AND ORDER AS FOLLOWS:

Section 1: Support Implementation of an Enhanced Source Control Program for Nonindustrial Sources – The Board supports the implementation of an Enhanced Source Control Program to include Nonindustrial Sources. OCSD's Enhanced Source Control Program shall be supported through cooperative efforts with member agencies. Member agencies are urged to support OCSD in reducing the discharge of emerging pollutants of concern using their existing resources for disseminating information or other effective methods.

Section 2: Member Agency Participation – The Board urges member agencies to allow the use of their existing public information resources to disseminate public outreach materials pertaining to proper disposal of pollutants of concern through:

- a. Utility Bill Inserts
- b. Newsletters
- c. Public access cable channel
- d. Website link
- e. Informational Kiosk (located in City's public facilities such as City Hall, community centers, and libraries.)

OCSD will provide public outreach materials at no cost to member agencies.

PASSED AND ADOPTED at a regular meeting held March 26, 2008.

Chair, Orange County Sanitation District

ATTEST:

Clerk of the Board

FACT SHEET

Support for Proactive Source Control of Emerging Pollutants of Concern



What do we mean by an Enhanced Source Control Program?

Since the late 1970's, the Orange County Sanitation District (OCSD) has implemented a Source Control Program to regulate the discharge of conventional pollutants (e.g. heavy metals such as chrome, cadmium, etc.) from industrial sources. Because of the growing concern for "emerging" pollutants, it is necessary to enhance the existing Source Control Program by focusing not only on industrial sources, but also residential and commercial sources.

What are the "Emerging" Pollutants of Concern?

With the recent advancements in analytical chemistry and toxicology, scientists have been able to detect various unexpected pollutants in wastewater and surface water bodies at very low concentrations. These pollutants are "emerging" in the sense that their effects on human health and the environment are the subjects of scientific investigation and public policy debate.

Emerging pollutants fall into several general classes: pharmaceuticals and personal care products including antibiotics, steroids, hormones and other "endocrine disruptors"; and a variety of miscellaneous chemicals, such as caffeine, cholesterol, fire retardant, and pesticides, which are predominantly generated from residential and commercial sources. These substances enter waterways by way of municipal, industrial, and agricultural wastewater systems.

What is the Motivation for an Enhanced Source Control?

With the commissioning of the Ground Water Replenishment System (GWRS), it is imperative that OCSD addresses the discharge of emerging pollutants, as this may potentially impact the groundwater if not controlled at the source. Although GWRS is well designed to reasonably remove pollutants, it is prudent and most cost effective to minimize the risks by taking a proactive approach in preventing these pollutants from being discharged to the sewer.

The Santa Ana Regional Water Quality Control Board and Department of Health Services have also required the expansion of OCSD's Source Control Program to include pollution prevention programs that will minimize the risk of emerging pollutants of concern from getting into the ocean and/or drinking water that may impact public health.

Why is a Board Resolution needed?

A Board Resolution will....

1) Establish a formal basis of support from the Board: Such support will encourage member agencies to participate in this endeavor and will provide a formal platform for OCSD staff to implement necessary pollution prevention programs through its member agencies to effectively reach out to residents and commercial businesses within their community.

2) Establish a partnership with member agencies: A key to managing non-industrial sources is cooperating and coordinating with member agencies that have jurisdictional authority over zoning and bylaws. By closely partnering with member agencies, OCSD is in an advantageous position to effectively disseminate critical information regarding pollution prevention practices in a clear, constructive, and cost effective manner to its target audience. This continued interaction creates an invaluable relationship needed to implement an effective public outreach program.



How will Source Control for Emerging Pollutants be Accomplished?

Source Control of emerging pollutants of concern from non-industrial sources will be accomplished primarily through public education targeting residential and commercial entities. Many people are not well informed about the water quality impacts that can result from certain everyday behavioral practices, such as flushing unused pharmaceuticals down the toilet, pouring volatile chemicals down the sink, or by applying excessive amounts of fertilizers to their lawns and gardens. OCSD's close involvement with and support of individual citizens and businesses are absolutely essential in controlling pollutants of concern since non-industrial water pollution commonly originates from their combined activities of improperly disposing harmful pollutants into the sewer system.

Why is the Participation of Member Agencies Critical?

Since public education is the key component for effectively controlling non-industrial sources, member agencies can help by disseminating information using their existing media outlets. Through partnership with member agencies, OCSD will provide the outreach materials to participating agencies at no cost. Without this partnership, a county-wide public outreach program solely conducted by OCSD will be cost prohibitive. It would cost OCSD approximately \$820,000 annually to mail four brochures to its half-a-million rate payers. Partnership with member agencies minimizes the cost of public outreach and provides a long-term sustainable program for educating the public to control the discharge of emerging pollutants.

OCSD conducted a preliminary survey of member agencies (Public Works/Public Information Personnel) to assess their willingness to participate in this partnership. Overwhelmingly, they understood the critical purpose of the GWRS project and agreed to allow the use of their existing media outlets by OCSD and to participate with the public outreach program.

What is Expected from Member Agencies when they Participate in this Partnership?

Member agencies are simply expected to disseminate outreach materials provided by OCSD using their existing media outlets, such as:

- Utility bill inserts
- Newsletters
- Public access cable channel
- Website link
- Informational kiosk (located in City's public facilities such as City Hall, community centers, and libraries.)

A pilot program with the City of Tustin was conducted by OCSD. The City of Tustin was able to smoothly integrate OCSD's outreach materials into its utility bills and newsletters.

For additional questions, please contact ▶▶▶

How can Member Agencies Be a Partner?

OCSD's Enhanced Source Control Program will be implemented through cooperative efforts of the member agencies. Once the Board adopts the Resolution a letter will be mailed to the City Manager of each Member Agency requesting their commitment in a voluntary countywide public outreach program that is designed to effectively promote OCSD's pollution prevention programs to reduce the discharge of emerging pollutants of concern to the sewer.



OCSD's "No Drugs Down the Drain" Program



Tom Meregillano
Orange County Sanitation Dist.
Source Control Division
(714) 593-7457
tmeregillano@ocsd.com

OPERATIONS COMMITTEE

AGENDA REPORT

Meeting Date 03/05/08	To Bd. of Dir. 03/26/08
Item Number OP08-09	Item Number 9(c)

Orange County Sanitation District



FROM: James D. Ruth, General Manager
Originator: Jim Herberg, Director of Engineering
CIP Project Manager: Wendy Sevenandt

SUBJECT: HEADWORKS REHABILITATION/REFURBISHMENT, JOB NO. P1-71

GENERAL MANAGER'S RECOMMENDATION

1. Approve a budget increase of \$1,867,942 for Headworks Rehabilitation/Refurbishment, Job No. P1-71, for a total budget of \$11,024,341;
2. Approve a Professional Consultant Services Agreement with Carollo Engineers for construction support services for Headworks Rehabilitation/Refurbishment, Job No. P1-71, for an amount not to exceed \$493,883; and,
3. Approve a 5% contingency (\$24,694).

SUMMARY

- This project is for the replacement of the pump motor electrical drives for the five Main Sewage Pumps, installation of new cables and conduit to meet current Orange County Sanitation District (Sanitation District) and industry standards, and to make miscellaneous electrical, architectural, mechanical, and structural changes at Power Building 3A.
- Sanitation District staff is requesting a budget increase for project cost increases due to rising construction costs, longer construction duration, and additional internal resource hours.
- The construction contract is scheduled to be awarded in June 2008.
- Carollo Engineers (Carollo) has provided Preliminary Design and Final Design services for this project in the total amount of \$880,096.
- Staff is requesting approval of a new agreement for construction support services in the amount of \$493,883.

PRIOR COMMITTEE/BOARD ACTIONS

November 28, 2007 – The Board of Directors authorized staff to negotiate with Carollo for continuation of services for the construction phase.

December 20, 2006 – Amendment No. 1 for the final design services was approved.

March 22, 2006 – The original PSA was awarded to Carollo.

ADDITIONAL INFORMATION

The construction cost estimate (accelerated to the midpoint of construction) has increased from \$5,530,000 to \$6,600,000. The present construction contract budget is \$5,732,000. An increase in the construction contract budget of \$868,000 to \$6,600,000 is requested. Escalation of the construction contract budget is due to many contributing factors:

- The previous estimate used 2006 data, the new estimate incorporates 2007 data with corresponding increases in material and labor costs.
- Time was added to the construction schedule pushing the contract mid-point of construction further out in time increasing escalation estimates.
- The cabling between the VFDs and motors was changed to account for over-heating based on soil resistivity data obtained and heat load calculations performed during the final design. This will lead to an overall cost increase for cabling and wire terminations.
- As a higher level of design was achieved between the previous and current estimate. The more accurate estimate was higher in cost. The allowance for items not identified in the cost estimate has been reduced from 30% to 10% between the previous and current estimate.
- Some items were missed in the previous cost estimate leading to higher costs.

Sanitation District staff is requesting additional funds for internal resource hours and consultant support hours because of the increase in project work, complexity, multiple electrical outages, multiple commissioning milestones, and longer construction duration. Also, the allocation of Sanitation District overhead expenses to capital projects is higher than previously estimated. Extra design reviews by in-house staff were required to ensure the appropriate level of detail on the plans. Extra staff time was expended during design to make updates to the specifications based on revisions that are required, but not yet incorporated into the Master Specifications. Additional hours are proposed for operations support for isolation of electrical equipment, staff hours for commissioning activities, and staff hours for the facility records and database updates.

A budget increase of \$137,643 is requested for consultant services during construction. Staff is requesting that a new contingency be set at 5% (\$24,694) of the new contract value of \$493,883 for construction support services.

A budget increase of \$862,299 is requested for internal resource hours to insure sufficient funds for internal staff, including overhead allocated to the project.

This request for a budget increase complies with authority levels of the Sanitation District's Delegation of Authority. This item requires a budget increase. (Line item: Section 8, Page 49 and page A-8 of the Budget Update for FY 2007-2008).

The Board of Directors authorized staff to negotiate with Carollo for continuation of services for the construction phase per the Delegation of Authority Section 5.07.F. Staff is requesting the award of a Professional Design Services Agreement in the amount of \$493,883 for the construction phase services in accordance with the Delegation of Authority Section 5.07.G.

Proposed

Award Date: March 26, 2008

Contract Amount: \$493,883

Contingency: 5%

JH:WS:tlc:gc

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ADMINISTRATION COMMITTEE

AGENDA REPORT

Meeting Date 03/12/08	To Bd. of Dir. 03/26/08
Item Number ADM08-06	Item Number 10(b)

Orange County Sanitation District

FROM: Jim Ruth, General Manager
Originator: Lorenzo Tyner, Director of Finance & Administrative Services

SUBJECT: OWNER CONTROLLED INSURANCE PROGRAM

GENERAL MANAGER'S RECOMMENDATION

Approve a contract with Liberty Mutual as the insurance carrier to insure the Sanitation District's Owner Controlled Insurance Program, for a five-year program, at a cost not to exceed \$18,000,000, in a form approved by General Counsel.

SUMMARY

The Administration Committee and Board had previously authorized the use of a consultant to analyze the feasibility of implementing an Owner Controlled Insurance Program (OCIP), and the hiring of a broker/administrator to assist the Sanitation District in setting up and managing an OCIP. Due to the economies of scale, the consultant estimated that an OCIP could save the Sanitation District as much as \$12 million in workers' compensation and general liability insurance premiums, and in claims administration costs, as compared against having the construction contractors provide these insurance coverages on each individual capital project.

Currently, each contractor is required to provide the workers' compensation and general liability insurance, and include these costs within their bid proposal. As such, these construction insurance costs are already included within each individual construction project budget. **Since the OCIP is expected to be less costly than the traditional approach, the approval of an insurance carrier contract is not expected to have an additional budget impact.** The OCIP carriers are asking between \$4 and \$5 million as a minimum premium, along with additional charges for each claim to be administered. There is a maximum exposure to OCSD of \$16 to \$18 million, depending on how many claims come in, and which carrier is chosen.

Because the Capital Improvement Program is already in progress, every month of delay potentially reduces the savings generated by the OCIP as construction projects are initiated outside of the OCIP umbrella. In order to capture as many capital projects within the OCIP, staff has directed Aon, the OCIP broker/administrator, accelerate the marketing of this OCIP and to acquire quotes from all the carriers who insure OCIPs.

Aon solicited quotes from AIG, Liberty Mutual, Old Republic, Ace, and Zurich. Zurich no longer provides insurance to construction programs such as the Sanitation District's that utilizes more than one contractor. The terms included in Ace's proposal were less advantageous than the others. Old Republic's quote was very responsive for a \$900 million construction program. However, due to the construction start-up of two very large construction projects, the Sanitation District had to lower its assurance of a 5-year, \$900 million construction program to \$450 million. Two finalists, AIG and Liberty Mutual, both sizeable insurers, have proposed programs with many facets to them and have indicated a willingness to negotiate the details. Each proposal is for a "loss sensitive program" where OCSD would pay a minimum premium and additional money depending on the number of claims and other factors. The volatility of the insurance market is such that details for a large program such as this are best negotiated at the time when the OCIP is ready for implementation. Staff is working with Aon to finalize the terms of these two proposals and will be providing a recommendation on the selection of an insurance carrier at the Administration Committee meeting.

It is requested that the General Manager be authorized to negotiate with the finalists and to select a carrier based on the best combination of price, insurance policy features, company strength, company reputation, and other salient factors, and to report to the Administration Committee next month as to the rationale for his choice.

PRIOR COMMITTEE/BOARD ACTIONS

On June 13, 2007, the Administration Committee approved the release of a request for proposal for the administration of an Owner Controlled Insurance Program, CS-2007-346BD, covering the Sanitation District's \$2.5 billion capital improvement program.

On October 24, 2007, the Board Approved a Professional Services Agreement with Aon Risk Services Inc., for an Owner Controlled Insurance Program Broker/Administrator (OCIP), Specification No. CS-2007-347BD, in an amount not to exceed 0.3955% of total construction value (minimum of \$150,000/yr.), for a one-year period, with four additional one-year renewal options.

ATTACHMENTS

1. Administration Committee Agenda Report choosing Aon Risk Services, Inc., as OCIP Broker/Administrator.
2. OCIP Feasibility Study – Summary.

JDR:LT:MW:RK:lc

ADMINISTRATION COMMITTEE

AGENDA REPORT

Meeting Date 10/10/07	To Bd. of Dir. 10/24/07
Item Number ADM07-49	Item Number

Orange County Sanitation District

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

SUBJECT: SELECTION OF AN OWNER CONTROLLED INSURANCE PROGRAM
BROKER/ADMINISTRATOR

GENERAL MANAGER'S RECOMMENDATION

Approve a Professional Services Agreement with Aon Risk Services Inc., for an Owner Controlled Insurance Program Broker/Administrator (OCIP), Specification No. CS-2007-347BD, in an amount not to exceed 0.3955% of total construction value (minimum of \$150,000/yr.), for a one-year period, with four additional one-year renewal options.

SUMMARY

A consultant was previously hired to assess the feasibility of an owner controlled insurance program (OCIP). The consultant found that an OCIP would be feasible and likely save the District considerable money. The District Board of Directors then approved the release of an RFP to solicit proposals from qualified OCIP broker/administrators. The following four firms submitted a proposal in response to the District's RFP:

Proposer	Cost as a % of Total Estimated Construction Value (\$500 mil.)
• Alliant Insurance Services, Inc.	• 0.3700%
• Aon Risk Services, Inc.	• 0.3955%
• Arthur J. Gallahger & Co.	• 0.2700%
• Kaercher Campbell & Associates	• 0.3001%

After review of the competing proposals and interviews of these four experienced OCIP broker/administrators, a panel of seven evaluators (representing District departments such as Finance, Risk Management, Safety, Engineering, and Purchasing) chose Aon Risk Services, Inc. (Aon). Aon was able to demonstrate that they were the leader in the field of OCIP brokerage/administration with far more experience than any other proposer. Although Aon's proposal is slightly more costly than the other proposers, staff believes that the additional cost will be more than offset through savings in the actual insurance premiums resulting from Aon's superior brokerage services and through Aon's claims management and safety and loss control programs.

An owner controlled insurance program (OCIP) provides insurance coverage for job site construction projects. This would eliminate the burden of the construction contractor from having to provide workers' compensation and general liability insurance as part of their bid proposal. This also allows for possible centralized purchase of other types of insurance such as builder's risk and pollution liability, if appropriate. An OCIP centralizes and coordinates construction project insurance and coordinates loss control and loss prevention. An OCIP would virtually eliminate multiple insurers, cost duplication, stacked markups, potential cross litigation, gaps in coverage, inadequate limits, and uninsured contractors. An OCIP generally will produce noticeable savings compared to the overall project bids submitted by the individual contractors due to economies of scale. Also, the OCIP manages the overall capital improvement safety program to ensure that all contractor employees are properly trained in safety.

Advantages of an OCIP include:

- Better control over claims, litigation and settlement negotiations
- Competitive advantage for minority, small and specialty contractors
- Volume purchase equates to lower insurance rates
- Elimination of hidden subcontractor mark-ups
- Cash flow earnings on deferred premium and loss payment
- Dividends or returned premiums based on favorable claims reporting

Aon, as the broker/administrator, will assist OCSD in procuring appropriate insurance policies from one or more major insurance carriers who insure OCIP's, such as:

- ACE
- AIG
- Arch Insurance
- Liberty Mutual
- Lloyds of London and London Companies
- St. Paul
- Zurich Insurance

The cost described above for Aon's services involves features which may not become relevant, and therefore the cost may be less. It includes extra cost for another ½ FTE safety person as well as the maximum possible incentive award to Aon if losses are extremely low. It also includes the purchase of certain insurance policies that OCSD may decide against, depending on the premium and terms that insurers may offer. If any of these items do not become relevant, the actual cost would decrease. In addition, the minimum of \$150,000/yr. only becomes relevant if construction drops to an unexpectedly low level. Aon has indicated a willingness to instead reduce the availability of personnel dedicated to the OCIP, which would reduce that minimum.

PRIOR COMMITTEE/BOARD ACTIONS

On June 13, 2007, the Administration Committee approved the release of a request for proposal for the administration of an Owner Controlled Insurance Program, CS-2007-346BD, covering the Sanitation District's \$2.5 billion capital improvement program.

ADDITIONAL INFORMATION

This complies with authority levels of the Sanitation District's Delegation of Authority. Insurance is budgeted as part of each project's overall cost and this program is intended to reduce that cost.

Summary

Background

Orange County Sanitation District (OCSD) directed this study to determine if an Owner Controlled Insurance Program (OCIP) would provide sufficient benefits to justify the use of this technique for financing certain risks arising out of its capital improvement program (CIP). In addition to the analysis of potential OCIP benefits, this study analyzes certain other insurance needs associated with the construction program.

The Capital Improvement Program

The Orange County Sanitation District's Capital Improvement Program involves the expenditure of \$1.87 billion over a fifteen-year period to upgrade and maintain its wastewater treatment infrastructure. A large number of projects are scheduled. Some involve heavy civil construction; others are primarily upgrades and renovation of facilities. The largest of the projects are budgeted at over a quarter billion dollars. The smallest we noted on the schedule is \$100,000. A list of projects is provided in Exhibit 2 - OCSD CIP Projects Scheduled on page 7.

Work on the various projects frequently will spread over several years. Projects will start and stop during the fifteen-year period. According to information obtained in our interviews, it is possible that additional projects will be added over the intervening years. As a part of the public infrastructure, OCSD requires continuous ongoing maintenance some of which can be characterized as construction work. The amount of this work might be sufficient to qualify for an ongoing OCIP even without a specific capital improvement program.

What is OCIP?

OCIP is a technique for consolidating the workers' compensation insurance and general liability insurance coverages for most participants in a construction program. From an underwriting standpoint, it is a way to underwrite the project itself, rather than underwriting each of the individual companies participating.

Consolidation increases the volume of insurance premium for a single insurer or insurance group and should generate discounts on that basis alone. There is one insurer, instead of possibly dozens, and one insurance broker instead of possibly hundreds. If losses are kept low, additional savings can accrue to the OCIP sponsor (the project owner). A variant of this concept is called a "contractor controlled insurance program" in which a contractor or construction manager acts as sponsor.

The alternative to consolidation is the so-called "conventional" approach where each party purchases its own workers' compensation and general liability coverages. Depending on its relationship to others in the overall program, the participant agrees to indemnify, defend, and add other parties to its liability

policies as additional insureds. In a conventional situation, the owner of the project acquires some protection through this process of indemnification and additional insured status.

Findings and Conclusions

Qualifying for OCIP

The OCSD CIP qualifies for a type of OCIP called a "rolling OCIP." The nature of the work is mostly civil construction and lends itself to "project underwriting." The size of the construction budget easily meets the critical mass required to make a consolidated construction insurance program feasible. There are no legal or regulatory impediments to an OCIP for this program.

Cost

We conclude that OCSD could save money through an OCIP. The extent of savings is conditioned on a number of variables, the most significant of which is keeping claim costs low. Savings based purely on volume (economies of scale) are probable for the primary lines of coverage but at high loss levels would be offset by administration and "excess" liability insurance costs so that savings could be minimal or non-existent in a worst-case scenario.

However, even at the highest loss levels, the program could be arranged so that OCSD essentially would be no worse off financially for having chosen an OCIP. This technique is called "stop-loss" insurance. It is a standard feature of contemporary OCIPs. The cost of this feature is included in our financial forecasts in this report.

The market for construction services is a factor in considering OCIP. In California construction is steady but appears to be tapering off in the commercial sector and declining significantly in the residential sector. This trend bodes well for OCIP sponsors. It increases competition among contractors.

High demand for construction services enables contractors to be choosier in selecting projects to bid. It also means contractors are less inclined to be as competitive in their pricing. Theoretically, these conditions make it less likely that contractors will aggressively remove from their bids the cost of insurance provided by the owner under an OCIP. Competition in construction services markets means owners enjoy more competitive pricing. Offering to replace the contractor's insurance program provides an opportunity for the contractor to make their bid even more competitive as insurance costs are a significant price component for construction services.

While there are a number of variables to consider as outlined in the chapter "Cost/Benefit Analysis of Alternatives beginning on page 23, our estimates show probable savings in the range of \$8 to \$12 million over the next five years. This conservative estimate is based on an expected loss ratio (losses to maximum premium) of 50% or less. Lower losses produce more saving, higher losses yield less saving. We have tried to use conservative assumptions regarding contractor deductions, contractor probable premium rates, OCIP maximum rates and cost of administration and excess insurance.

Coverage

At least as important as the potential for cost savings is the benefit of a reliable source of protection from losses arising out of the project. Construction is an industry characterized by significant hazards and resultant high level of losses. A project owner is introduced into this environment by virtue of the construction contract. The owner becomes a target for the many employee injury suits and cross actions inherent in this industry. This is especially true when the owner is a highly visible community institution viewed as having "deep pockets."

In a conventional insurance situation (i.e., without an OCIP), the owner must rely on the contractor's insurance and indemnification agreement. The contractor agrees to indemnify the owner and add the owner to its insurance policy. Our experience as consultants and expert witnesses is that this indemnification process is prone to failure and fraught with hidden complications, frustration and cost, especially in a large loss situation.

Insurers are highly averse to providing broad coverage to additional insureds, i.e., those parties added to a policy as a result of a contractual requirement. Over the past decade or more, there has been a major effort on the part of the industry to reduce its exposure in this arena. Standard liability policy forms, additional insured endorsements and statutes have undergone significant revisions – all intended to reduce the scope of coverage to additional insureds.

We encourage an excess liability insurance program that would provide no less than a \$100 million per occurrence and aggregate (annual policy total) limit. Preferably, OCSD should obtain \$200 million or more in total limits.

Recommendations

We recommend the use of an OCIP for the OCSD Capital Improvement Program. The OCIP should include

- Workers' compensation for all construction contractors,
- General liability for contractors, construction managers and the owner, and
- Excess liability insurance with a limit of \$100 million or more.

In addition to the OCIP, OCSD should consider arranging builder's risk insurance, possibly through its current all-risk property insurer. Even if the all-risk insurer is willing to write the coverages, OCSD should still make competitive comparisons with other insurers for a master builder's risk program. Other coverages are discussed in this report including professional liability and pollution liability insurance. These should be considered individually. In the report we discuss the decision criteria for these coverages.

To market the OCIP, OCSD would need to select an OCIP insurance broker. This is a highly specialized sector of the insurance brokerage services market and only a few insurers have adequate resources, experience and ability to provide the required service need to effectively assemble and manage an OCIP. We recommend competitive selection of a single broker.

As an option, OCSD should consider separating OCIP marketing from administration. This would involve two procurements – one for brokerage services and one for OCIP administration. This alternative could also be presented as an option in a single bid package thereby allowing proposers to bid on administration, brokerage or both.

BOARD OF DIRECTORS

AGENDA REPORT

Meeting Date	To Bd. of Dir. 03/26/08
Item Number	Item Number 12

Orange County Sanitation District

FROM: Jim Ruth, General Manager
Originator: Lorenzo Tyner, Director of Finance & Administrative Services

SUBJECT: OWNER CONTROLLED INSURANCE PROGRAM INSURANCE COVERAGES FOR EXCESS LIABILITY, POLLUTION, AND BUILDER'S RISK

GENERAL MANAGER'S RECOMMENDATION

Authorize the General Manager to purchase insurance policies to insure the Sanitation District's Owner Controlled Insurance Program, for a five-year program, in a form approved by General Counsel, at a cost as follows:

- a. Excess liability insurance, for a cost not to exceed \$1.5 million;
- b. Builder's Risk insurance, for a cost not to exceed \$2.0 million;
- c. Pollution Liability insurance, for a cost not to exceed \$300,000.

SUMMARY

In June 2005, an independent consultant completed a feasibility study on the implementation of an Owner Controlled Insurance Program (OCIP). Due to the economies of scale, the consultant estimated that an OCIP could save the Sanitation District as much as \$12 million in workers' compensation and general liability insurance premiums and in claims administration costs, as compared against having the construction contractors provide these insurance coverages separately on each individual capital project. After the completion of a formal bid process, Aon Risk Services, Inc. was selected as the broker/administrator over the OCIP.

At the March 12, 2008, Administration Committee Meeting, the Committee voted to recommend to the Board of Directors the selection of Liberty Mutual as the OCIP insurance carrier for the main insurance coverages (workers compensation and general liability), and is a separate agenda item being brought before the Board for consideration today. The insurance coverages proposed by Liberty Mutual on all capital projects included in the OCIP will save the District money compared to the traditional approach of having each contractor and subcontractor purchase insurance separately.

To complete the OCIP program, several other coverages are necessary. Excess liability brings the liability limits up to \$100 million. Pollution liability is mostly excluded in general liability and excess liability policies, so it is needed also. Builder's risk insurance covers the risk of losses while projects are under construction; something that

the other types of insurance don't cover for large projects. The total cost of the Liberty Mutual insurance premiums for workers' compensation and general liability; the estimated cost of the excess liability, pollution liability, and builder's risk; and, the administration/brokerage services of Aon Risk Services will be significantly less expensive than having each contractor and subcontractor provide specific coverage for their piece of the CIP program.

Because the Capital Improvement Program is already in progress, every month of delay potentially reduces the savings generated by the OCIP as construction projects are initiated outside of the OCIP umbrella. In order to capture as many capital projects within the OCIP, staff has directed Aon Risk Services to accelerate the marketing of this OCIP, and to acquire proposals from the carriers who insure OCIPs for these three additional insurance coverages.

The volatility of the insurance market is such that details for a large program such as this are best negotiated at the time when the OCIP is ready for implementation. Staff is working with Aon Risk Services to finalize the terms of these proposals and will be providing a recommendation on the selection of insurance carriers at the Board of Directors meeting.

PRIOR COMMITTEE/BOARD ACTIONS

On March 12, 2008, the Administration Committee voted to recommend to the Board of Directors the selection of Liberty Mutual as the carrier for the District's Owner Controlled Insurance Program (workers compensation/general liability portion), for a five-year contract, subject to approval of the agreement by General Counsel.

On October 24, 2007, the Board approved a Professional Services Agreement with Aon Risk Services, Inc., for an Owner Controlled Insurance Program Broker/Administrator (OCIP), Specification No. CS-2007-347BD, in an amount not to exceed 0.3955% of total construction value (minimum of \$150,000/yr.), for a one-year period, with four additional one-year renewal options.

On June 13, 2007, the Administration Committee approved the release of a request for proposal for the administration of an Owner Controlled Insurance Program, CS-2007-346BD, covering the Sanitation District's \$2.5 billion capital improvement program.

ATTACHMENTS

None.

JDR:LT:MW:RK:lc

BOARD OF DIRECTORS

AGENDA REPORT

Meeting Date	To Bd. of Dir. 03/26/08
Item Number	Item Number 13

Orange County Sanitation District



FROM: James D. Ruth, General Manager
Originator: Jim Herberg, Director of Engineering
Project Manager: Chris Cervellone, Engineering Supervisor

SUBJECT: RATIFICATION OF 120-INCH OCEAN OUTFALL PIPELINE
EMERGENCY GROUTING REPAIR

GENERAL MANAGER'S RECOMMENDATION

Ratify use of General Manager's emergency purchasing authority, Resolution No. OCSD 07-04, authorizing the General Manager to issue Purchase Order No. 64912-OS to Moore & Taber Geotechnical Constructors for emergency soil grouting repairs to the 120-inch Ocean Outfall, for a total amount not to exceed \$200,000.

SUMMARY

- On January 18, 2008, a leak was discovered on the 120-inch Ocean Outfall Pipeline, 45 feet north of Surge Tower 2, located at Plant No. 2.
- Under a separate emergency purchase order, a Contractor (Jamison Engineering) investigated the location of the leak(s), and conducted the repair(s) to the pipeline necessary to stop the leak(s).
- The 120-inch Ocean Outfall Pipeline bedding material was compromised as a result of the leakage. Immediate emergency grouting repair was necessary to re-establish support beneath the pipeline.
- Following normal, non-emergency procurement procedures would have resulted in an October or November completion. Since the Orange County Sanitation District (Sanitation District) relies solely on the 120-inch Ocean Outfall for ocean discharge, the repairs were done under the Sanitation District's emergency purchasing authority to prevent further, possibly catastrophic, damage to the pipeline.

- Moore & Taber Geotechnical Constructors was selected to perform the remedial work. Moore & Taber has performed similar work for the Sanitation District in the past and the Sanitation District was satisfied with their work. They were selected due to their qualification, availability, and unit costs.
- The Board Chair was notified of the emergency soil grouting repairs on February 8, 2008 in accordance with the requirements of Resolution No. OCSD 07-04. Moore and Taber commenced with the emergency repairs on February 11, 2008.

PRIOR COMMITTEE/BOARD ACTIONS

None

ADDITIONAL INFORMATION

None

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BOARD OF DIRECTORS

AGENDA REPORT

Meeting Date	To Bd. of Dir. 03/26/08
Item Number	Item Number 14

Orange County Sanitation District



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

SUBJECT: PACIFIC COAST HIGHWAY FORCE MAIN VALVE REPLACEMENTS,
SPECIFICATION NO. FR-2008-366

GENERAL MANAGER'S RECOMMENDATION

1. Ratify the use of General Manager's Purchasing Authority, Resolution No. OCSD 07-04, Section 4.08, authorizing the General Manager to award a Service Agreement, Specification No. FR-2008-366, to Mladen Buntich Construction Company, Inc., for Pacific Coast Highway Force Main Valve Replacements, Project No. FE07-06, for an amount not to exceed \$281,340;
2. Ratify Amendment No. 1 for removing sewage from District pipelines to Pacific Coast Highway Force Main Valve Replacement, Specification No. FR-2008-366, with Mladen Buntich Construction Company, Inc., not to exceed an additional \$120,000, increasing the total contract to \$401,340; and,
3. Approve a contingency of 20% (\$80,268).

SUMMARY

- Three forcemain valves (one 12-inch and two 36-inch) in Pacific Coast Highway (PCH) have broken and must be replaced in order to maintain a reliable system.
- The project work consists of excavating at two locations in PCH; exposing the District's pipelines and replacing three valves. The work also includes night-time operations, traffic control/barricades, as well as the removal and pumping of sewage from the District system.
- The District was planning to drain sewage from the system prior to the contractor replacing the valves. Due to the limited time to complete the valve installation, it is not feasible for District staff to perform this sewage removal activity. Therefore, this work needs to be added to the project as Change Order No. 1.
- Caltrans is paving the section of PCH from the "Arches Bridge" (Newport Boulevard) south to the Bay Bridge. Our broken valves are in this section of PCH.

- The City of Newport Beach contacted the District and advised that the valve replacement work must take place prior to the Caltrans paving work. The Caltrans work starts around April 1, 2008.
- In order to meet the accelerated schedule, the District had to accelerate the purchasing process. Per Section 4.08, of the District's Delegation of Authority (DOA), Resolution No. OCSD 07-04, the Assistant General Manager contacted the Board Chair to obtain concurrence prior to proceeding and subsequent award of a contract. Purchase Order No. 103046-OB was issued to commence the work. The DOA requires ratification by the Board.
- Staff obtained bids from four contractors (listed below):
 1. Mladen Buntich Construction Company, Inc. \$281,340
 2. Mike Prlich and Sons, Inc. \$358,612
 3. Mike Bubalo Construction Company, Inc. \$382,400
 4. Ken Thompson, Inc. \$748,000
- A 20% contingency is being requested due to the presence of existing storm drain, water line, electrical utility, and telecommunication interferences at both excavation sites. Caltrans' schedule restrictions did not allow time for field verification of the exact location of these utilities.

PRIOR COMMITTEE/BOARD ACTIONS

None

ADDITIONAL INFORMATION

In order to reduce contractor lead-time, the District pre-purchased valves and long-lead time equipment. These materials and parts will be turned over to the Contractor for installation. The cost of these pre-purchases is less than \$110,000.

The District budgeted \$535,855 and \$550,055 for replacement of the 12-inch and two 36-inch valves, respectively. This item has been budgeted, (Line item: Section 8, Pages 98).

Award Date: 3/26/08	Contract Amount: \$281,340	Contingency: 20%
3/26/08	Change Order No. 1: \$120,000	

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