

Orange County Sanitation District  
Regular Meeting of the  
**Board of Directors**



Wednesday, April 25, 2012  
**6:30 P.M.**  
Board Room  
10844 Ellis Avenue  
Fountain Valley, CA 92708  
(714) 593-7130

## **AGENDA**

**INVOCATION AND PLEDGE OF ALLEGIANCE:** (Michael Levitt, City of Seal Beach)

**DECLARATION OF QUORUM:**

**ROLL CALL:**

**PUBLIC COMMENTS:** *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. Speakers are requested to limit comments to three minutes.*

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

**CLAIMS:**

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

<u>Claims Paid for the Period Ending:</u>	<u>03/15/12</u>	<u>03/31/12</u>
Totals	\$8,627,698.09	\$7,158,199.55

***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:** *Consent Calendar Items are considered to be routine and will be enacted, by the Board of Directors, after one motion, without discussion. Any items withdrawn from the Consent Calendar for separate discussion will be considered in the regular order of business.*

2. Approve minutes for the Special Board Meeting held on March 21, 2012.
3. Approve minutes for the Regular Board Meeting held on March 28, 2012.
4.
  - A. Approve Plans and Specifications for Interplant Gas Line Rehabilitation, Project No. J-106, on file at the office of the Clerk of the Board;
  - B. Approve Addendum No. 1 to the plans and specifications;
  - C. Receive and file bid tabulation and recommendation;
  - D. Award a construction contract to J. Fletcher Creamer & Son, Inc. for Interplant Gas Line Rehabilitation, Project No. J-106, for a total amount not to exceed \$2,048,060; and,
  - E. Approve a contingency of \$143,364 (7.0%).

**STEERING COMMITTEE:**

5. Approve minutes of the March 21, 2012, Special Steering Committee Meeting.
6. Approve minutes of the March 28, 2012, Steering Committee Meeting.

**OPERATIONS COMMITTEE:**

7. Approve minutes of the April 4, 2012, Operations Committee Meeting.
8.
  - A. Authorize the General Manager to negotiate and subsequently approve Amendment No. 6 to extend the agreement with Air Products and Chemicals, Inc., for Private Operation and Maintenance of Oxygen Generation System at Plant No. 2, Purchase Order #43063-OB for an additional three (3) month period beginning May 1, 2012, through July 31, 2012, at the current monthly rate of \$27,411.76; and
  - B. Amend the December 21, 2011 Board action (Item No. 13) and authorize the General Manager to competitively bid and subsequently award a contract for liquid oxygen, Specification C-2011-506BD, to the lowest responsible and responsive bidder, for a one-year period, from the date of the Notice to Proceed (thereby rescinding original contract term dates), for a total annual amount not to exceed \$750,000.
9. Approve Amendment No. 4 to the Professional Design Services Agreement with HDR Engineering, Inc. for additional design engineering services for Sludge Dewatering and Odor Control at Plant No. 1, Project No. P1-101, for an additional amount of \$221,000, increasing the total amount not to exceed \$14,466,856.

10.
  - A. Approve a Professional Consultant Services Agreement with HDR Engineering, Inc. to provide bid and construction support services for Sludge Dewatering and Odor Control at Plant No. 1, Project No. P1-101, for an amount not to exceed \$7,140,000; and,
  - B. Approve a contingency of \$571,200 (8%).
  
11.
  - A. Approve a Professional Consultant Services Agreement with AECOM to provide construction support services for Digester Ferric Chloride System Rehabilitation at Plant No. 2, Project No. P2-105, for an amount not to exceed \$244,400; and,
  - B. Approve a contingency of \$24,440 (10%).
  
12.
  - A. Approve Plans and Specifications for Solids Thickening and Processing Upgrades, Project No. P2-89, on file at the office of the Clerk of the Board;
  - B. Approve Addendum Nos. 1 through 5 to the plans and specifications;
  - C. Receive and file bid tabulation and recommendation;
  - D. Award a construction contract to W. M. Lyles Company for Solids Thickening and Processing Upgrades, Project No. P2-89, for a total amount not to exceed \$26,383,400; and,
  - E. Approve a contingency of \$2,107,472 (8%).
  
13.
  - A. Approve a Professional Consultant Services Agreement with MWH Americas, Inc. to provide construction support services for Solids Thickening and Process Upgrades, Project No. P2-89, for an amount not to exceed \$2,199,798; and,
  - B. Approve a contingency of \$110,550 (5%).
  
14.
  - A. Approve our continued participation in the agency known as Southern California Coastal Waters Research Partnership (SCCWRP) Authority for the term July 1, 2013 through June 30, 2017.
  - B. Approve annual funding in the amount of \$400,000 per year for SCCWRP during the term of this agreement.
  - C. Approve Resolution No. OCSD 12-05, Eighth Amended Joint Powers Agreement Confirming the Creation of an Agency Known as Southern California Coastal Waters Research Partnership Authority.

15. A. Approve a budget increase of \$981,961 for Replacement of the Rocky Point Pump Station, Contract No. 5-50, for a total budget amount of \$21,928,961; and
- B. Approve a contingency increase of \$502,980 (6%) to the construction contract with Kiewit/Mass, a Joint Venture, for Replacement of the Rocky Point Pump Station, Contract No. 5-50, for a total contingency of \$1,676,600 (20%).

**ADMINISTRATION COMMITTEE:**

16. Approve minutes of the April 11, 2012, Administration Committee Meeting.
17. A. Approve purchase contracts with AMX International, Denovo Ventures, LLC, Xyon Business Solutions, Inc. for JDEdwards Enterprise One Upgrade Support, Specification No. CS-2011-516BD, for an aggregate amount not to exceed \$200,000; and
- B. Approve a contingency in the amount of \$20,000 (10%).

**CLOSED SESSION:**

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

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

Convene in closed session.

(1) CONFERENCE WITH LEGAL COUNSEL RE. ANTICIPATED LITIGATION  
(Government Code Section 54956.9(b))

Significant Exposure to Litigation

Number of Potential Cases: 1

(a) Vallejo Gallery Claim for Damages

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

Case: *Santa Ana Watershed Project Authority v. Orange County Water District*  
Contractual Arbitration before Judicial Arbitration and Mediation Services

Reconvene in regular session.

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

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

**ADJOURNMENT:**

Adjourn the Board meeting until the next regular Meeting on May 23, 2012, at 6:30 p.m.

Accommodations for the Disabled: Meeting Rooms are 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.

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

NOTICE TO DIRECTORS: To place items on the agenda for the Committee Meeting, items must be submitted to the Clerk of the Board 14 days before the meeting.

Maria E. Ayala  
Clerk of the Board  
(714) 593-7130  
[mayala@ocsd.com](mailto:mayala@ocsd.com)

For any questions on the agenda, Committee members may contact staff at:

General Manager	Jim Ruth	(714) 593-7110	<a href="mailto:jruth@ocsd.com">jruth@ocsd.com</a>
Assistant General Manager	Bob Ghirelli	(714) 593-7400	<a href="mailto:rghirelli@ocsd.com">rghirelli@ocsd.com</a>
Assistant General Manager	Jim Herberg	(714) 593-7300	<a href="mailto:jherberg@ocsd.com">jherberg@ocsd.com</a>
Director of Facility Support Services	Nick Arhontes	(714) 593-7210	<a href="mailto:narhontes@ocsd.com">narhontes@ocsd.com</a>
Director of Finance and Administrative Services	Lorenzo Tyner	(714) 593-7550	<a href="mailto:ltynes@ocsd.com">ltynes@ocsd.com</a>
Director of Human Resources	Jeff Reed	(714) 593-7144	<a href="mailto:jreed@ocsd.com">jreed@ocsd.com</a>
Director of Operations & Maintenance	Ed Torres	(714) 593-7080	<a href="mailto:etorres@ocsd.com">etorres@ocsd.com</a>

# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 04/25/12
Item Number	Item Number 1

Orange County Sanitation District

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

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

### GENERAL MANAGER'S RECOMMENDATION

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

### CONFLICT OF INTEREST NOTIFICATION

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

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

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

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

### PRIOR COMMITTEE/BOARD ACTIONS

N/A

### ADDITIONAL INFORMATION

See attached listing.

### ATTACHMENTS

1. Copies of Claims Paid reports from 3/01/12 – 3/15/12 and 3/16/12 – 3/31/12

**Claims Paid From 3/1/12 to 3/15/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
<b><u>Accounts Payable Warrants</u></b>			
A W Chesterton	46600	\$ 1,588.28	Repair & Maintenance Services and/or Supplies
Accent Flag & Sign	46773	385.00	Flag Pole, Parts, Repairs & Installation
Accuvant, Inc.	46581	37,667.97	Computer Applications & Services
A-Check America, Inc.	46772	772.25	Human Resources Services
Advanced Cooling Technologies	46774	5,567.44	Repair & Maintenance Services and/or Supplies
AECOM Technical Services, Inc.	46775	17,753.34	Professional Services/Engineering Design Services
AECOM USA, Inc.	46582	33,744.41	Professional Services/Engineering Design Services
Aero Compressor, Inc.	46776	773.09	Mechanical Parts & Supplies
Aerotek	46777	2,940.90	Professional Services/Temporary Services
Agilent Technologies, Inc.	46778	580.15	Laboratory Services & Supplies
Ago IndustriesDBA So-Cal Sweeping	46880	980.00	Street Sweeping Services
Air Liquide America Corp.	46779	1,072.56	Laboratory Services & Supplies
Air Liquide America Specialty Gases LLC	46780	151.30	Laboratory Services & Supplies
Air Products & Chemicals, Inc.	46583	27,411.76	Chemicals, Water/Wastewater Treatment
Airgas Safety, Inc.	46601	5,207.30	Safety, Security, Health Equipment, Supplies, and Services
Airgas Safety, Inc.	46781	7,860.86	Safety, Security, Health Equipment, Supplies, and Services
Airgas West	46602	2,038.08	Repair & Maintenance Services and/or Supplies
Airgas West	46782	2,869.04	Repair & Maintenance Services and/or Supplies
Airgas West	46782	420.03	Repair & Maintenance Services and/or Supplies
ALFA-LAVAL INC.	46603	10,973.06	Repair & Maintenance Services and/or Supplies
Alhambra Foundry Co., Ltd.	46604	18,619.20	Repair & Maintenance Services and/or Supplies
Alhambra Foundry Co., Ltd.	46783	12,464.52	Repair & Maintenance Services and/or Supplies
Alta Dena Certified Dairy, LLC	46605	1,200.00	Electrical Utility Services for Odor Treatment pumping station
American Chemical Society	46784	795.00	Professional Organizations Meeting/Training/Membership
American Express	46757	31,896.19	Purchasing Card Program for Miscellaneous Parts and Supplies
American Express TVL Related Svcs Co., Inc.	46785	1,726.86	Purchasing Card Program for Miscellaneous Travel Expenses
American Society of Civil Engineers	46606	255.00	Professional Organizations Meeting/Training/Membership
American Solutions for Business	46607	1,793.73	Office Supplies
Amtech Elevator Services	46786	2,330.00	Miscellaneous Services
APOLLO INFORMATION SYSTEMS	46787	6,253.22	Computers, Software/Hardware & Managed Services
AppleOne Employment Service	46788	5,842.50	Professional Services/Temporary Services
Applied Industrial Technology	46608	309.32	Repair & Maintenance Services and/or Supplies
Applied Industrial Technology	46789	72.01	Repair & Maintenance Services and/or Supplies
Archie Ivy, Inc.	46791	2,636.00	Repair & Maintenance Services and/or Supplies
AT & T	46599	226.49	Telecommunications
AT & T Long Distance.	46610	34.78	Telecommunications
AT & T Mobility II, L.L.C.	46611	499.90	Telecommunications
AT & T Mobility II, L.L.C.	46612	8,018.82	Telecommunications
AT & T Universal Biller	46609	3,921.83	Telecommunications
AT & T Universal Biller	46792	131.86	Telecommunications
ATM AA, Inc.	46793	1,400.00	Lab Services
Austin Building and Design dba The Austin Company	46584	131,998.99	Professional Services/Engineering Design Services
Awards & Trophies Company	46794	1,222.34	Awards and Framing Services
AWSI	46795	968.15	Professional Services - DOT Program Administration
Battery Specialties	46613	74.35	Batteries, Various
Beach Wire and Cable	46614	436.31	Telecommunications
Bently Nevada Inc.	46615	2,347.65	Repair & Maintenance Services and/or Supplies
Black & Veatch Corporation	46585	31,424.19	Professional Services/Engineering Design Services



**Claims Paid From 3/1/12 to 3/15/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Black & Veatch Corporation	46585	9,480.80	Professional Services/Engineering Design Services
BLX Group	46796	1,000.00	Professional Financial Services
BNI Building News	46616	250.83	Books & Publications
Bon Air, Inc.	46598	49,860.00	Construction
Brithinee Electric	46797	14,476.64	Electrical/Electronic Equipment, Parts & Repairs
Brown & Caldwell	46617	7,734.37	Professional Services/Engineering Design Services
Brown & Caldwell	46758	317,983.21	Professional Services/Engineering Design Services
Bug Central	46618	4,700.00	Pest Control Services
Bureau Veritas North America, Inc.	46619	3,521.00	Industrial Hygiene Services
Bush & Associates, Inc.	46798	4,992.00	Professional Services/Surveying Services
California Dept. of Child Support	46620	2,044.58	Judgments Payable
California Relocation Services, Inc.	46621	90.00	Miscellaneous Services - Moving/Relocation
California Relocation Services, Inc.	46799	382.50	Miscellaneous Services - Moving/Relocation
CALPELRA	46622	145.00	Professional Organizations, and Meeting/Training Registration
Caltrol, Inc.	46800	10,701.45	Electrical/Electronic Equipment, Parts & Repairs
Camali Corp.	46623	2,473.84	Repair & Maintenance Services and/or Supplies
CAPPO, Inc.	46624	229.00	Professional Organizations Meeting/Training/Membership
CAPPO, Inc.	46801	780.00	Professional Organizations Meeting/Training/Membership
Carollo Engineers	46759	60,205.46	Professional Services/Engineering Design Services
CCG Systems, Inc.	46647	3,000.00	Computer Applications & Services
CG Systems, Inc. dba CA Gate & Entry Sys.	46802	1,740.50	Facilities, Maintenance, Services & Supplies
Chet Frohlich Photography	46803	4,162.99	Professional Photography Services
Christine W. Yates	46756	200.00	Meeting/Training Expense Reimbursement
Circle, Inc.	46804	365.58	Copier Toner/Ink Supplies
City National Bank Escrow Acct 2078	46753	5,540.00	Construction
City of Fullerton	46625	10,080.00	Water Use
City of Huntington Beach	46669	110.42	Water Use
City of Huntington Beach	46842	4,244.28	Water Use
City of Irvine	46920	850.00	Water Use
Cla-Val Co	46626	3,903.45	Valve Repair
Clean Harbors Environmental Services	46586	41,628.23	Grit & Screenings; Hazard Waste Disposal
Compressor Components of California	46627	5,430.60	Repair & Maintenance Services and/or Supplies
Consumers Pipe & Supply Co.	46805	45.32	Repair & Maintenance Services and/or Supplies
Controlled Motion Solutions	46628	214.00	Repair & Maintenance Services and/or Supplies
Cooperative Personnel Services	46808	1,561.70	Human Resources Services
Cornerstone Ondemand, Inc.	46630	2,285.00	Professional Services/I.T.
Cornerstone Ondemand, Inc.	46806	2,500.00	Professional Services/I.T.
Cortech Engineering	46631	6,883.34	Repair & Maintenance Services and/or Supplies
Counterpart Enterprises, Inc.	46807	224.07	Repair & Maintenance Services and/or Supplies
County of Orange Auditor Controller	46632	132.00	Governmental Agency Fees & Charges
Court Order	46677	2,179.38	Judgments Payable
Court Order	46680	150.00	Judgments Payable
Court Order	46708	108.00	Judgments Payable
Court Order	46752	912.50	Judgments Payable
CR&R, Inc.	46633	648.90	Waste Disposal
CR&R, Inc.	46809	2,271.15	Waste Disposal
Crane Control Systems, L.L.C.	46810	555.28	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
CS-AMSCO	46634	6,297.67	Repair & Maintenance Services and/or Supplies
CS-AMSCO	46811	9,283.99	Repair & Maintenance Services and/or Supplies

Claims Paid From 3/1/12 to 3/15/12

Vendor	Warrant No.	Amount	Description
CWEA Annual Conference	46635	1,010.00	Professional Organizations Meeting/Training/Membership
CWEA-TCP	46812	495.00	Professional Organizations Meeting/Training/Membership
Delta Packaging Products, Inc.	46636	185.76	Laboratory Services & Supplies
Desert Pumps & Parts, Inc.	46637	434.52	Repair & Maintenance Services and/or Supplies
Dudek & Associates, Inc.	46813	1,639.86	Professional Services/Engineering Design Services
DWG Associates	46638	3,952.00	Professional Services
E. Sam Jones Distributors, Inc.	46639	48.49	Electrical/Electronic Equipment, Parts & Repairs
Edison ESI	46814	622.63	Repair & Maintenance Services and/or Supplies
EMEDCO dba TRICOR	46815	1,382.14	Repair & Maintenance Services and/or Supplies
Emerson Process Management, L.L.P.	46587	27,199.63	Repair & Maintenance Services and/or Supplies
Emerson Process Management, L.L.P.	46921	1,600.00	Repair & Maintenance Services and/or Supplies
Emerson Process Management, L.L.P.	46922	2,200.00	Repair & Maintenance Services and/or Supplies
Employee Benefits Specialists, Inc.	46588	819,582.83	Reimbursed Prepaid Employee Medical & Dependent Care
Employer Resource Institute	46816	241.92	Professional Organizations Meeting/Training/Membership
Employment Development Dept.	46817	99.99	Unemployment Insurance
Enchanter, Inc.	46640	1,900.00	Vessel Services - Monitoring Vessel Nerissa
Enchanter, Inc.	46818	2,280.00	Vessel Services - Monitoring Vessel Nerissa
Enecon USA, Inc.	46641	595.69	Repair & Maintenance Services and/or Supplies
Enertech Environmental	46760	469,149.03	Biosolids Management
Environmental Engineering & Contracting	46642	10,000.00	Professional Services/Specialty Course Audits
Environmental Engineering & Contracting	46819	1,800.00	Professional Services/Specialty Course Audits
Environmental Express, Inc.	46820	2,528.48	Laboratory Services & Supplies
Environmental Resource Associates	46821	1,053.07	Laboratory Services & Supplies
Environmental Sampling Supply	46643	1,364.25	Laboratory Services & Supplies
ESRI, Inc.	46761	26,065.00	Computer Applications & Services
Ewing Irrigation	46644	412.36	Irrigation Repair & Maintenance Services and/or Supplies
Ewing Irrigation	46822	131.07	Irrigation Repair & Maintenance Services and/or Supplies
Express Lens Lab	46645	3,399.91	Safety, Security, Health Equipment, Supplies, and Services
Fedex Corporation	46648	377.71	Freight Services
Fedex Corporation	46823	55.09	Freight Services
First American Corelogic	46629	6,182.67	Software Maintenance Agreement
Fisher Scientific	46649	4,615.88	Laboratory Services & Supplies
Fisher Scientific	46824	2,711.02	Laboratory Services & Supplies
Fishing Boats Unlimited	46650	315.38	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Fishing Boats Unlimited	46825	1,497.73	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Fleming Environmental, Inc.	46826	3,405.00	Repair & Maintenance Services and/or Supplies
FLW, Inc.	46827	2,460.20	Electrical/Electronic Equipment, Parts & Repairs
Fountain Valley AAA Auto Spa	46651	659.49	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Fountain Valley Paints, Inc.	46652	268.75	Facilities, Maintenance, Services & Supplies
Fox Scientific Inc	46828	111.36	Laboratory Services & Supplies
Franchise Tax Board	46653	972.75	Judgments Payable
Frank I. Benest	46829	12,552.67	Professional Organizations Meeting/Training/Membership
Frys Electronics	46830	53.86	Computers, Software/Hardware
Garratt Callahan Company	46654	6,871.40	Chemicals, Water/Wastewater Treatment
GEXPRO	46655	47.31	Repair & Maintenance Services and/or Supplies
GHD, L.L.C.	46762	28,700.00	Professional Services/Engineering Design Services
Gierlich-Mitchell, Inc.	46656	2,935.79	Repair & Maintenance Services and/or Supplies
GMR International Equipment Corp.	46657	763.07	Safety, Security, Health Equipment, Supplies, and Services
Golden State Overnight Delivery Service	46831	25.28	Courier Services

Claims Paid From 3/1/12 to 3/15/12

Vendor	Warrant No.	Amount	Description
Golden State Water Company	46658	90.59	Water Use
Golden West Machine, Inc.	46832	8,400.00	Repair & Maintenance Services and/or Supplies
Golden West Window Service	46659	3,097.00	Facilities, Maintenance, Services & Supplies
Goodwill Industries of Orange County	46833	5.20	FOG Outreach Distribution Services
Grainger, Inc.	46660	8,582.26	Repair & Maintenance Services and/or Supplies
Grainger, Inc.	46834	2,943.30	Repair & Maintenance Services and/or Supplies
Graybar Electric Company	46661	6,054.45	Electrical/Electronic Equipment, Parts & Repairs
Graybar Electric Company	46835	679.65	Electrical/Electronic Equipment, Parts & Repairs
Great Western Sanitary Supplies	46662	73.83	Janitor & Household Service & Supplies
Haaker Equipment Company	46836	894.56	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Hach Company	46663	1,605.18	Laboratory Services & Supplies
Hach Company	46837	2,909.94	Laboratory Services & Supplies
Hai-Thao T. Huynh	46918	644.04	Meeting/Training Expense Reimbursement
Harrington Industrial Plastics, Inc.	46664	1,110.18	Repair & Maintenance Services and/or Supplies
HDR Engineering, Inc.	46665	10,759.11	Professional Services/Engineering Design Services
Hemal Dhodia	46910	125.00	Professional Organizations Meeting/Training/Membership
Hershey Technologies	46838	3,080.00	Professional Services/Information Technology
Hill Brothers	582	74,083.84	Chemicals, Water/Wastewater Treatment
Hill Brothers	586	21,599.58	Chemicals, Water/Wastewater Treatment
Hilti, Inc.	46666	302.23	Repair & Maintenance Services and/or Supplies
Home Depot	46667	679.48	Miscellaneous Parts and Supplies
Home Depot	46839	2,934.90	Miscellaneous Parts and Supplies
Hub Auto Supply	46668	414.12	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Hub Auto Supply	46840	612.42	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Humantech, Inc.	46841	845.00	Professional Organizations Meeting/Training/Membership
IECOC	46843	50.00	Professional Organizations Meeting/Training/Membership
Indiana Child Support Bureau	46670	290.00	Judgments Payable
Industrial Distribution Group	46671	155.61	Repair & Maintenance Services and/or Supplies
Industrial Threaded Products, Inc.	46672	584.16	Repair & Maintenance Services and/or Supplies
Industrial Threaded Products, Inc.	46844	1,604.25	Repair & Maintenance Services and/or Supplies
Intercare Holdings Insurance Svcs., Inc.	46845	5,316.67	Workers' Compensation Service
Intl. Union of Oper. Eng. AFL CIO Local 501	46673	4,956.86	Dues Deductions
IPMC c/o Parsons	46589	612,255.00	Professional Services/Temporary Services
IPMC c/o Parsons	46763	439,421.00	Professional Services/Temporary Services
J F Shea Construction, Inc.	46590	195,017.50	Construction
James E. Colston	46909	110.00	Meeting/Training Expense Reimbursement
Jamison Engineering Contractors, Inc.	46674	10,031.58	Professional Services/Construction Support Services
Jamison Engineering Contractors, Inc.	46847	1,664.16	Professional Services/Construction Support Services
Jays Catering	46675	707.11	Catering Services
JCI Jones Chemicals, Inc.	583	49,143.34	Chemicals, Water/Wastewater Treatment
Jennifer M. Cabral	46908	119.10	Meeting/Training Expense Reimbursement
JG Tucker And Son, Inc.	46846	870.08	Safety, Security, Health Equipment, Supplies, and Services
John B. Falkenstein	46646	125.00	Meeting/Training Expense Reimbursement
John W. Swindler	46754	163.91	Meeting/Training Expense Reimbursement
John W. Swindler	46917	123.00	Meeting/Training Expense Reimbursement
Johnson Matthey Inc	46848	539.55	Repair & Maintenance Services and/or Supplies
Johnstone Supply	46676	2,124.15	Repair & Maintenance Services and/or Supplies
Johnstone Supply	46849	2,917.46	Repair & Maintenance Services and/or Supplies
Kasai Consulting	46850	555.00	Professional Organizations Meeting/Training/Membership

Claims Paid From 3/1/12 to 3/15/12

Vendor	Warrant No.	Amount	Description
Kemira Water Solutions	584	361,941.31	Chemicals, Water/Wastewater Treatment
Kenneth L. Hernandez	46912	935.71	Meeting/Training Expense Reimbursement
Kiewit/Mass, A Joint Venture	46769	226,147.50	Construction
Kiewit/Mass, A Joint Venture	46919	19,587.50	Construction
Koff & Associates, Inc.	46851	1,075.00	Professional Services/Comp & Class Study
LaMotte Company	46852	648.51	Laboratory Services & Supplies
Laura A. Terriquez	46755	371.38	Meeting/Training Expense Reimbursement
Laurie J. Klinger	46913	150.00	Meeting/Training Expense Reimbursement
Lee & Ro, Inc.	46678	1,327.96	Professional Services/Engineering Design Services
Liberty Mutual Claims	46853	5,860.85	Insurance
Lionakis	46679	5,653.99	Professional Services/Architectural and Landscaping Consulting Services
Lubrication Engineers, Inc.	46681	1,210.60	Repair & Maintenance Services and/or Supplies
Luna Pacific Construction	46591	25,853.00	Repair & Maintenance Services and/or Supplies
Lustre-Cal	46682	1,049.62	Office Supplies
Malcolm Pirnie, Inc.	46683	17,255.36	Professional Services/Engineering Design Services
Malcolm Pirnie, Inc.	46764	55,993.42	Professional Services/Engineering Design Services
Marinus Scientific	46855	99.13	Laboratory Services & Supplies
Metalogix International	46684	1,078.20	Software Maintenance Agreement
Mettler-Toledo	46685	148.00	Computer Applications & Services
Michael D. Larkin	46915	125.00	Meeting/Training Expense Reimbursement
Morrow Meadows Corp.	46770	269,118.00	Construction
MTM Recognition Corporation	46856	530.22	Service Awards
National Water Research Institute	46687	10,000.00	Professional Organizations Meeting/Training/Membership
NPELRA Annual Training Conference	46857	199.00	Professional Organizations Meeting/Training/Membership
NRG Engine Services, L.L.C.	46688	177.76	Repair & Maintenance Services and/or Supplies
OCB Reprographics	46790	18,510.44	Printing/Reprographics Services
OCEA	46689	702.00	Dues Deductible
Ocv Valve	46858	57.66	Valve Supplies
Office Depot	46690	787.91	Office Supplies
Office Depot	46859	2,672.51	Office Supplies
Olin Corporation	46691	3,973.85	Chemicals, Water/Wastewater Treatment
Olin Corporation	46860	7,824.42	Chemicals, Water/Wastewater Treatment
OneSource Distributors, Inc.	46692	3,769.11	Electrical/Electronic Equipment, Parts & Repairs
OneSource Distributors, Inc.	46861	4,367.11	Electrical/Electronic Equipment, Parts & Repairs
Orange Coast Auto Body, Inc.	46693	668.83	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Orange County Auto Parts	46694	525.80	Truck Supplies
Orange County United Way	46695	40.00	Employee Contributions
Orange County Vector Control District	46863	219.93	Pest Control
Ovivo USA, LLC	46592	54,318.59	Repair & Maintenance Services and/or Supplies
Oxygen Service Company	46696	1,757.17	Laboratory Services & Supplies
Oxygen Service Company	46864	1,674.41	Laboratory Services & Supplies
Pace, Inc.	46697	1,062.00	Professional Services
Pacific Mechanical Supply	46865	555.78	Repair & Maintenance Services and/or Supplies
Pacific Parts and Controls, Inc.	46698	2,407.85	Repair & Maintenance Services and/or Supplies
Pamela A. Koester	46914	119.00	Meeting/Training Expense Reimbursement
Parkson Corporation	46699	2,926.79	Mechanical Parts & Supplies
Peace Officers Council of CA	46700	2,242.50	Dues Deductions, Supervisors & Professionals
PEI Genesis	46866	1,937.61	Repair & Maintenance Services and/or Supplies
Performance Pipeline Technologies	46701	4,950.00	Professional Services/CCTV Inspection/Sewerline Cleaning

**Claims Paid From 3/1/12 to 3/15/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
PFM Asset Management LLC	46867	2,000.00	Human Resources Services
Postmaster	46868	1,060.00	Postage
Praxair Distribution, Inc.	46702	98.13	Laboratory Services & Supplies
Primary Source Office Furnishings, Inc.	46703	4,999.60	Minor Equipment/Furniture & Fixtures
Primary Source Office Furnishings, Inc.	46869	1,841.99	Minor Equipment/Furniture & Fixtures
Primrose Ice Co., Inc.	46704	105.00	Water & Ice Services
Project Management Institute	46705	119.00	Professional Organizations Meeting/Training/Membership
Projectline Technical Services, Inc.	46870	2,353.50	Professional Services/Engineering Design Services
Projects Partners	46706	20,928.39	Professional Services/Temporary Employment Services
Prudential Insurance Company of America	46593	42,992.63	Benefits
PSOMAS	46707	11,000.00	Computer Applications & Services
R. Y. Engineering Works, Inc.	46906	2,563.20	Repair & Maintenance Services and/or Supplies
Rackmount Solutions Inc.	46709	3,423.45	Repair & Maintenance Services and/or Supplies
Red Wing Shoes	46871	338.09	Safety, Security, Health Equipment, Supplies, and Services
Regents of University of California	46872	500.00	Registration
Rockwell Engineering & Equipment Co.	46873	1,083.21	Repair & Maintenance Services and/or Supplies
Rutan & Tucker, L.L.P.	46710	150.00	Legal Services
Rutan & Tucker, L.L.P.	46874	180.00	Legal Services
San Diego/Orange Fluid System Technologies, Inc.	46711	1,776.52	Repair & Maintenance Services and/or Supplies
Sancon Engineering, Inc.	46594	73,440.00	Repair & Maintenance Services and/or Supplies
Schwing Bioset	585	79.43	Repair & Maintenance Services and/or Supplies
Schwing Bioset	587	15,074.17	Repair & Maintenance Services and/or Supplies
Scientific Refrigeration	46712	538.75	Repair & Maintenance Services and/or Supplies
Scientific Services Plus, LLC	46713	602.90	Laboratory Services & Supplies
Scientific Services Plus, LLC	46875	2,495.00	Laboratory Services & Supplies
SCPLRC (Southern California Public Rels. Council)	46714	15.00	Professional Organizations Meeting/Training/Membership
Securitas Security Services USA, Inc.	46765	126,592.43	Safety, Security, Health Equipment, Supplies, and Services
Shamrock Supply Co., Inc.	46715	3,577.78	Repair & Maintenance Services and/or Supplies
Shamrock Supply Co., Inc.	46876	2,120.23	Repair & Maintenance Services and/or Supplies
Shureluck Sales & Engineering	46716	2,763.11	Repair & Maintenance Services and/or Supplies
Shureluck Sales & Engineering	46877	229.51	Repair & Maintenance Services and/or Supplies
Siemens c/o Jensen Instrument Co.	46718	2,877.47	Electrical/Electronic Equipment, Parts & Repairs
Siemens Energy, Inc.	46717	4,994.21	Repair & Maintenance Services and/or Supplies
Siemens Water Technologies Corp.	46719	229.59	Repair & Maintenance Services and/or Supplies
Siemens Water Technologies Corp.	46878	1,431.74	Repair & Maintenance Services and/or Supplies
Smardan Supply Company	46720	4,553.80	Repair & Maintenance Services and/or Supplies
Smith Paint and Supply	46721	113.64	Painting Services and Supplies
Smith Pipe & Supply, Inc.	46722	116.37	Facilities, Maintenance, Services & Supplies
So. Cal Gas Company	46879	21,579.89	Utilities
South Coast Air Quality Management Dist.	46881	416.41	Governmental Agency Fees & Charges
Southern California Edison	46595	64,197.35	Utilities
Southern California Edison	46882	2,577.85	Utilities
Southern California Edison	46883	1,439.52	Utilities
Southern Counties Lubricants	46884	5,950.86	Fuel and Lubricants
Southern Counties Oil Co.	46723	4,693.54	UST Diesel Fuel Transfer at Plt. 1
Southwest Valve & Equipment	46724	2,014.60	Repair & Maintenance Services and/or Supplies
SPEX Certiprep, Inc.	46725	840.78	Laboratory Services & Supplies
St. Croix Sensory, Inc.	46726	2,635.00	Olfactometry Testing Services
Staples	46727	3,569.32	Office Supplies

Claims Paid From 3/1/12 to 3/15/12

Vendor	Warrant No.	Amount	Description
Staples	46885	609.38	Office Supplies
Stratus Environmental, Inc.	46886	3,375.00	Professional Services/Groundwater Removal
Stryper Technologies	46728	3,721.39	Computer Hardware & Software
Summit Steel	46729	140.08	Repair & Maintenance Services and/or Supplies
Sunset Industrial Parts	46887	1,668.29	Repair & Maintenance Services and/or Supplies
Synagro West, Inc.	46888	3,080.73	Biosolids Management
TestAmerica Ontario	46889	882.00	Laboratory Services & Supplies
The Creative Group	46730	1,008.00	Professional Services/Temporary Services
The Creative Group	46890	3,633.00	Professional Services/Temporary Services
The Orange County Register	46862	6,718.00	Notices & Ads
The Schooler Company	46731	3,900.00	Professional Services/Appraisal Summary Utility Easement
The Trane Company	46896	416.83	Repair & Maintenance Services and/or Supplies
Thermo Electron North America, L.L.C.	46732	4,130.25	Laboratory Services & Supplies
Thermo Electron North America, L.L.C.	46891	1,206.75	Laboratory Services & Supplies
Thompson Industrial Supply, Inc.	46733	6,547.54	Repair & Maintenance Services and/or Supplies
Thompson Industrial Supply, Inc.	46892	5,680.87	Repair & Maintenance Services and/or Supplies
Tiano Construction	46734	3,990.00	Facilities, Maintenance, Services & Supplies
Times Community News	46854	390.00	Books and Publications
T-Mobile	46893	110.71	Telecommunications
Tony S. Lee	46916	102.50	Meeting/Training Expense Reimbursement
Tortuga Pool Service	46735	930.00	Repair & Maintenance Services and/or Supplies
Toshiba Business Solutions USA Inc.	46894	361.59	Computers, Software/Hardware & Managed Services
Total-Western, Inc.	46736	9,975.00	Repair & Maintenance Services and/or Supplies
Townsend Public Affairs	46895	7,500.00	Professional Services - State Legislative Advocacy
Tremco Incorporated	46766	26,770.00	Repair & Maintenance Services and/or Supplies
Tropical Plaza Nursery, Inc.	46737	12,497.50	Landscape Maintenance Services
Tule Ranch/Magan Farms	46767	235,689.94	Biosolids Management
TW Telecom Holdings, Inc.	46738	4,024.89	Telecommunications
UC Regents	46897	750.00	Professional Organizations Meeting/Training/Membership
Ultra Scientific	46739	610.70	Laboratory Services & Supplies
United Parcel Service	46740	53.63	Freight Services
United Parcel Service	46898	373.58	Freight Services
Universal Flooring Systems, Inc.	46741	932.00	Facilities, Maintenance, Services & Supplies
US Peroxide, L.L.C.	46596	69,765.79	Chemicals, Water/Wastewater Treatment
Valley Splicing Co.	46899	2,415.50	Repair & Maintenance Services and/or Supplies
Verizon Wireless	46742	1,026.27	Telecommunications
Verne's Plumbing	46743	5,941.13	Plumbing Services & Supplies
Verne's Plumbing	46907	13,725.93	Plumbing Services & Supplies
Victoria L. Francis	46911	1,087.28	Meeting/Training Expense Reimbursement
Vortex Corp.	46744	3,289.22	Repair & Maintenance Services and/or Supplies
Voyager Fleet Systems, Inc.	46597	31,902.95	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
VWR Scientific Products	46745	1,511.42	Laboratory Services & Supplies
Water Environment Federation	46746	179.00	Professional Organizations Meeting/Training/Membership
Water Environment Federation	46900	358.00	Professional Organizations Meeting/Training/Membership
Waxie Sanitary Supply	46747	567.48	Janitor & Household Service & Supplies
Wells Fargo Bank Escrow 23518600	46771	25,127.50	Construction, Retention
West Lite Supply Company, Inc.	46748	283.40	Electrical/Electronic Equipment, Parts & Repairs
Western Society of Malacologists	46901	20.00	Professional Organizations Meeting/Training/Membership
Western Utilities Transformer Service	46902	12,116.80	Repair & Maintenance Services and/or Supplies

**Claims Paid From 3/1/12 to 3/15/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Woodruff Spradlin & Smart	46768	82,670.12	Professional Services - Legal
WPL Publishing	46903	246.00	Books & Publications
Xerox Corporation	46904	106.98	Computers, Software/Hardware & Managed Services
Xpedx, An International Paper Company	46749	1,578.36	Miscellaneous Supplies
Yale/Chase Materials Handling, Inc.	46750	2,691.47	Electrical/Electronic Equipment, & Electric Cart Parts & Repairs
Yale/Chase Materials Handling, Inc.	46905	141.91	Electrical/Electronic Equipment, & Electric Cart Parts & Repairs
Yardley-Zaretsky, Inc.	46751	835.00	Professional Services P1-110
<b>Total Accounts Payable - Warrants</b>		<u><u>\$ 6,159,790.36</u></u>	
<b><u>Payroll Disbursements</u></b>			
Employee Paychecks	48818 - 48842	\$ 4,205.92	Interim Payroll - ARBA (3/01/12)
Employee Paychecks	48843 - 48895	91,654.60	Biweekly Payroll - (3/07/12)
Employee Paychecks	48896 - 48897	323.71	Interim Payroll - 1 Board member pay and 1 retro (3/06/12)
Employee Paychecks	48898 - 48901	8,565.77	Interim Payroll - Retirements (3/08/12)
Employee Paychecks	48902 - 48905	58,301.66	Interim Payroll - Retirement Payouts (3/08/12)
Employee Paychecks	48906	512.70	Interim Payroll - Hours underpaid (3/08/12)
Employee Paychecks	48907 - 48910	1,264.74	Interim Payroll - Reissue corrected BOD checks (3/13/12)
Direct Deposit Statements	217165 - 217307	24,648.06	Interim Payroll - ARBA (3/01/12)*
Direct Deposit Statements	317308 - 317886	1,425,537.42	Biweekly Payroll (3/07/12)
<b>Total Payroll Disbursements</b>		<u><u>\$ 1,615,014.58</u></u>	*Jump in numbers due to mid-entry. Future advice #'s will not include 217308-317307
<b><u>Wire Transfer Payments</u></b>			
OCSD Payroll Taxes & Contributions		\$ 812,480.42	Biweekly Payroll (3/07/12)
Intercare Insurance Services		40,412.73	Workers' Compensation Services (3/07/12)
<b>Total Wire Transfer Payments</b>		<u><u>\$ 852,893.15</u></u>	
<b>Total Claims Paid 3/01/12 - 3/15/12</b>		<u><u>\$ 8,627,698.09</u></u>	

**Claims Paid From 3/16/12 to 3/31/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
<b><u>Accounts Payable Warrants</u></b>			
A&A Social Supplies	46932	\$ 2,666.81	Safety, Security, Health Equipment, Supplies, and Services
Abel Scale, Inc.	47105	870.00	Repair & Maintenance Services and/or Supplies
Absolute Standards, Inc.	47106	1,870.00	Laboratory Services & Supplies
ACCU Sludge	47107	1,607.36	Laboratory Services & Supplies
ACR Systems, Inc.	46933	2,053.26	Instrument Parts & Supplies
AECOM Technical Services, Inc.	46923	26,677.90	Professional Services/Engineering Design Services
Agilent Technologies, Inc.	47108	1,424.85	Laboratory Services & Supplies
Airgas Safety, Inc.	46934	2,499.55	Safety, Security, Health Equipment, Supplies, and Services
Airgas West	46935	3,204.90	Repair & Maintenance Services and/or Supplies
Airgas West	47109	543.74	Repair & Maintenance Services and/or Supplies
Alan's Lawn & Garden Center, Inc.	46936	287.55	Repair & Maintenance Services and/or Supplies
ALFA-LAVAL INC.	47110	893.25	Repair & Maintenance Services and/or Supplies
Alhambra Foundry Co., Ltd.	46937	5,993.06	Repair & Maintenance Services and/or Supplies
American Concrete Institute	46938	222.00	Books and Publications
American Payroll Association	46939	219.00	Professional Organizations Meeting/Training/Membership
Ametek Drexelbrook	46940	494.26	Electrical/Electronic Equipment, Parts & Repairs
Analysts, Inc.	46941	20.26	Repair & Maintenance Services and/or Supplies
AON Risk Insurance Services West	47111	9,568.66	Insurance (Owner Controlled Insurance Program)
AppleOne Employment Service	47112	5,914.50	Professional Services/Temporary Services
Applied Industrial Technology	47113	114.74	Repair & Maintenance Services and/or Supplies
APT US&C	47114	23.75	Professional Organizations Meeting/Training/Membership
Arizona Instruments, L.L.C.	46942	1,453.05	Electrical/Electronic Equipment, Parts & Repairs
ARS Enterprises, Inc.	46943	372.50	Laboratory Services & Supplies
AT & T	47104	223.89	Telecommunications
AT & T Long Distance.	46944	38.38	Telecommunications
AT & T Mobility II, L.L.C.	46945	199.99	Telecommunications
AT & T Mobility II, L.L.C.	47115	349.98	Telecommunications
ATCC: Amer. Type Culture Collect	46946	249.00	Laboratory Services & Supplies
AWWA	46947	834.60	Professional Organizations Meeting/Training/Membership
Battery Specialties	47117	602.54	Batteries, Various
Battery Systems, Inc.	47118	1,232.95	Repair & Maintenance Services and/or Supplies
BC Wire Rope & Rigging	47119	1,200.00	Tools & Supplies
Beach Wire and Cable	47120	1,057.84	Telecommunications
BenchPro, Inc.	47121	1,128.06	Furniture/Fixtures
Berendsen Fluid Power	47122	322.79	Electrical/Electronic Equipment, Parts & Repairs
Brea Imperial, Inc.	46948	2,500.00	Miscellaneous Services
Brookfield Engineering Laboratories, Inc.	47123	3,067.52	Laboratory Services & Supplies
Brown & Caldwell	46924	152,345.15	Professional Services/Engineering Design Services
Bruce, Stevenson	47124	2,967.94	Septic Tank Refund
Bureau Veritas North America, Inc.	46949	2,142.92	Industrial Hygiene Services
Bureau Veritas North America, Inc.	47125	7,645.00	Industrial Hygiene Services
California Barricade Rentals	47126	770.00	Miscellaneous Services
California Dept. of Child Support	46950	2,021.51	Judgments Payable
California Recreation Company	46951	3,221.12	Boat Slip Rental - Nerissa Ocean Monitoring Vessel
California Recreation Company	47127	3,282.41	Boat Slip Rental - Nerissa Ocean Monitoring Vessel
California Relocation Services, Inc.	47128	90.00	Miscellaneous Services - Moving/Relocation
CEPA Operations, Inc.	46952	245.00	Repair & Maintenance Services and/or Supplies
Chem Search	47129	1,637.88	Repair & Maintenance Services and/or Supplies



**Claims Paid From 3/16/12 to 3/31/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
City of Fountain Valley	46925	43,800.88	Water Use
City of Fullerton	46984	7.00	Water Use
City of Fullerton	47156	45.64	Water Use
City of Newport Beach	46953	842.00	Water Use
City of Newport Beach	47130	1,089.00	Water Use
City of Santa Ana	47088	402.54	Cooperative Projects Program
City of Seal Beach	47231	111.80	Water Use
Clean Harbors Environmental Services	46954	2,693.25	Grit & Screenings; Hazard Waste Disposal
Clean Harbors Environmental Services	47131	398.43	Grit & Screenings; Hazard Waste Disposal
Colligo Networks, Inc.	47132	9,000.00	Computer Applications & Services
Concordia University	46955	2,430.00	Professional Organizations Meeting/Training/Membership
Constellation Newenergy Gas Division LLC	47133	10,364.08	Natural Gas
Converse Consultants	46956	2,288.50	Professional Services/Professional Services/Materials & Geotechnical Testing
Corporate Image Maintenance, Inc.	47089	36,005.00	Janitor & Household Service & Supplies
CORRPRO Companies, Inc.	47090	56,259.50	Professional Services/Temporary Services
Counterpart Enterprises, Inc.	46958	702.17	Repair & Maintenance Services and/or Supplies
County of Orange - Health Care Agency	47136	11,793.50	Governmental Agency Fees & Charges
County of Orange Auditor Controller	46959	810.00	Governmental Agency Fees & Charges
County of Orange Auditor Controller	46960	135.00	Governmental Agency Fees & Charges
County of Orange Auditor Controller	47134	660.00	Governmental Agency Fees & Charges
County of Orange Auditor Controller	47135	585.00	Governmental Agency Fees & Charges
County Wholesale Electric Co.	46961	193.18	Electrical/Electronic Equipment, Parts & Repairs
Court Order	47010	2,179.38	Judgments Payable
Court Order	47013	150.00	Judgments Payable
Court Order	47037	108.00	Judgments Payable
Court Order	47078	912.50	Judgments Payable
Crane Veyor Corp.	46962	4,528.00	Repair & Maintenance Services and/or Supplies
CSI Services, Inc.	47137	20,181.50	Professional Services
CSUF	46963	900.00	Professional Organizations Meeting/Training/Membership
Custom Tech Design, Inc.	46964	1,058.00	Safety, Security, Health Equipment, Supplies, and Services
CWEA Annual Conference	46965	1,065.00	Professional Organizations Meeting/Training/Membership
CWEA Annual Conference	47138	490.00	Professional Organizations Meeting/Training/Membership
CWEA Membership	46966	528.00	Professional Organizations Meeting/Training/Membership
Desert Pumps & Parts, Inc.	47139	79.00	Repair & Maintenance Services and/or Supplies
DLT&V Systems Engineering, Inc.	46967	106.00	Computer Applications & Services
Don F. Stokes	47271	132.00	Meeting/Training Expense Reimbursement
Dudek & Associates, Inc.	46968	3,141.00	Professional Services/Engineering Design Services
Duke's Root Control, Inc.	47140	20,041.74	Sewer Root Control Service
Dunn-Edwards Corporation	47141	315.39	Facilities, Maintenance, Services & Supplies
Empire Safety & Supply	46969	8,445.24	Safety, Security, Health Equipment, Supplies, and Services
Employee Benefits Specialists, Inc.	46970	13,594.10	Reimbursed Prepaid Employee Medical & Dependent Care
Employee Benefits Specialists, Inc.	47142	1,073.55	Reimbursed Prepaid Employee Medical & Dependent Care
Employment Development Dept.	46971	99.99	Unemployment Insurance
Enchanter, Inc.	47143	1,520.00	Vessel Services - Monitoring Vessel Nerissa
Enecon USA, Inc.	47144	595.69	Repair & Maintenance Services and/or Supplies
ENS Resources, Inc.	46972	7,500.00	Professional Services - Federal Advocacy
Environmental & Occupational Risk Mgmt.	46973	540.00	Safety, Security, Health Equipment, Supplies, and Services
Environmental Resource Associates	47145	160.69	Laboratory Services & Supplies
Environmental Resource Center	47146	361.92	Safety, Security, Health Equipment, Supplies, and Services

**Claims Paid From 3/16/12 to 3/31/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Environmental Sampling Supply	46974	259.46	Laboratory Services & Supplies
EnviroSupply & Services, Inc.	47147	337.41	Laboratory Services & Supplies
Ewing Irrigation	46975	201.50	Irrigation Repair & Maintenance Services and/or Supplies
Fedex Corporation	46976	59.21	Freight Services
Fedex Corporation	47148	30.13	Freight Services
First American Corelogic	46957	65.40	Software Maintenance Agreement
First Class Pizza	47149	84.01	Food and Beverage
Fisher Scientific	46978	2,644.55	Laboratory Services & Supplies
Fisher Scientific	47150	1,459.77	Laboratory Services & Supplies
Fleetmatics USA, LLC	46979	150.00	Professional Services - Legal/Employee Relations
Fleming Environmental, Inc.	46980	704.04	Repair & Maintenance Services and/or Supplies
Fleming Environmental, Inc.	47151	3,380.00	Repair & Maintenance Services and/or Supplies
Flo Systems, Inc.	47152	290.93	Repair & Maintenance Services and/or Supplies
Fluid Dynamics	47153	11,115.00	Minor Equipment/dynaBLEND polymer feed system
Fountain Valley Paints, Inc.	47154	170.35	Facilities, Maintenance, Services & Supplies
Franchise Tax Board	46981	972.75	Judgments Payable
Franklin Covey	46982	31.85	Office Supplies
Franklin Covey	47155	31.85	Office Supplies
Ganahl Lumber Company	47157	101.34	Facilities, Maintenance, Services & Supplies
Garland Manufacturing Co.	46986	2,329.10	Repair & Maintenance Services and/or Supplies
General Petroleum	47158	3,700.09	Fuel and Lubricants
George, Jason	46985	1,781.46	Septic Tank Refund
Gerard Daniel Worldwide	46987	107.75	Repair & Maintenance Services and/or Supplies
Gina A. Tetsch	47086	140.00	Meeting/Training Expense Reimbursement
Global Presenter, Inc.	47159	644.84	Tools & Supplies
GMF Sound, Inc.	47160	220.00	Professional Services
Golden State Overnight Delivery Service	47161	329.49	Courier Services
Golden West Window Service	46988	2,330.00	Facilities, Maintenance, Services & Supplies
Golden West Window Service	47162	1,310.00	Facilities, Maintenance, Services & Supplies
Government Finance Officers Association	47163	500.00	Professional Organizations Meeting/Training/Membership
Grainger, Inc.	46989	2,334.29	Repair & Maintenance Services and/or Supplies
Grainger, Inc.	47164	2,946.49	Repair & Maintenance Services and/or Supplies
Graybar Electric Company	46990	3,034.93	Electrical/Electronic Equipment, Parts & Repairs
Great Pacific Equipment Co.	47165	7,131.06	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Guarantee Records Management	46991	588.04	Professional Services - Document Storage & Shredding
Gyrus Systems	46992	3,074.50	Computer Applications & Services
H.H. Fremer Architects, Inc.	46926	27,149.16	Construction
Haaker Equipment Company	46993	733.17	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Hach Company	46994	1,380.87	Laboratory Services & Supplies
Hach Company	47166	5,167.55	Laboratory Services & Supplies
Hardat S. Khublall	47083	154.00	Meeting/Training Expense Reimbursement
Hasler, Inc.	47167	64.65	Postage Meter Rental
Hershey Technologies	47168	70.00	Professional Services/Information Technology
Hewlett Packard Company	46995	11,755.45	Computers, Software/Hardware
Hill Brothers	588	35,328.42	Chemicals, Water/Wastewater Treatment
Hilti, Inc.	46996	3,693.09	Repair & Maintenance Services and/or Supplies
Home Depot	46997	638.69	Miscellaneous Parts and Supplies
Home Depot	47169	488.25	Miscellaneous Parts and Supplies
Indiana Child Support Bureau	46998	290.00	Judgments Payable

**Claims Paid From 3/16/12 to 3/31/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Industrial Electric Machinery LLC	46999	1,794.17	Repair & Maintenance Services and/or Supplies
Industrial Electric Machinery LLC	47170	908.21	Repair & Maintenance Services and/or Supplies
Inorganic Ventures, Inc.	47000	348.24	Laboratory Services & Supplies
Integrated Process Technologies, Inc.	47001	3,577.30	Repair & Maintenance Services and/or Supplies
International Concrete Repair Institute	47002	184.00	Books & Publications
Intl. Union of Oper. Eng. AFL CIO Local 501	47003	4,884.11	Dues Deductions
Invensys Systems, Inc.	47004	2,753.34	Electrical/Electronic Equipment, Parts & Repairs
Irvine Pipe & Supply	47172	309.36	Repair & Maintenance Services and/or Supplies
Irvine Ranch Water District	47005	9.97	Water Use
Irvine Ranch Water District	47173	57.61	Water Use
J F Shea Construction, Inc.	47099	177,660.45	Construction
J F Shea Construction, Inc.	47103	67,656.15	Construction
J I Solutions, Inc.	47174	474.83	Laboratory Services & Supplies
J R Filanc Construction	46930	200,537.91	Construction
J. F. Shea Construction, Inc.	47102	110,327.30	Construction
James L. Burror	47082	405.00	Meeting/Training Expense Reimbursement
Jamison Engineering Contractors, Inc.	47006	4,685.00	Professional Services/Construction Support Services
Jamison Engineering Contractors, Inc.	47175	20,404.00	Professional Services/Construction Support Services
Jays Catering	47007	658.62	Catering Services
Jays Catering	47176	626.30	Catering Services
JCI Jones Chemicals, Inc.	589	38,430.10	Chemicals, Water/Wastewater Treatment
JCI Jones Chemicals, Inc.	595	23,691.52	Chemicals, Water/Wastewater Treatment
Jensen Instrument Co.	47008	3,248.90	Electrical/Electronic Equipment, Parts & Repairs
Johnstone Supply	47009	349.97	Repair & Maintenance Services and/or Supplies
Johnstone Supply	47177	100.95	Repair & Maintenance Services and/or Supplies
Jon O. Bradley, Jr.	47080	190.00	Meeting/Training Expense Reimbursement
Kars Advance Materials, Inc.	47178	3,500.00	Repair & Maintenance Services and/or Supplies
Kemira Water Solutions	590	64,238.13	Chemicals, Water/Wastewater Treatment
Kemira Water Solutions	594	47,029.67	Chemicals, Water/Wastewater Treatment
Kenny/Jenks Consultants, Inc.	47179	6,962.30	Professional Services 7-49
Kiewit Infrastructure West Co.	47273	7,125.00	Construction
Kiewit/Mass, A Joint Venture	47100	505,031.40	Construction
Lab Safety Supply, Inc.	47180	761.43	Laboratory Services & Supplies
Labware, Inc.	47181	8,431.44	Repair & Maintenance Services and/or Supplies
Larry R. Crandall	47269	1,544.58	Meeting/Training Expense Reimbursement
LECO Corporation	47011	3,862.28	Laboratory Services & Supplies
Lee & Ro, Inc.	47182	9,061.54	Professional Services/Engineering Design Services
Liebert Cassidy	47183	80.81	Professional Services/Employee Relations
Liquid Breaker, LLC	47012	1,290.07	Janitor & Household Service & Supplies
Lisa A. Rothbart	47085	704.67	Meeting/Training Expense Reimbursement
Lynda.Com, Inc.	47184	4,875.00	Professional Organizations Meeting/Training/Membership
M. J. Schiff and Associates, Inc.	47014	9,675.09	Professional Services
Machado Environmental Corp. DBA Air Duct Cleaning	47185	1,613.00	Repair & Maintenance Services and/or Supplies
Mail Dispatch, LLC	47016	300.00	Mail Delivery Service
Mandic Motors	47186	425.00	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Maria E. Ayala	47079	296.00	Meeting/Training Expense Reimbursement
McMaster-Carr Supply Co.	47187	1,229.27	Repair & Maintenance Services and/or Supplies
Mesa Consolidated Water District	47017	66.45	Water Use
Mettler-Toledo	47018	3,657.88	Computer Applications & Services

Claims Paid From 3/16/12 to 3/31/12

Vendor	Warrant No.	Amount	Description
Midway Mfg. & Machining Co.	47019	1,594.70	Repair & Maintenance Services and/or Supplies
Mine Safety Appliance	47188	6,630.40	Electrical/Electronic Equipment, Parts & Repairs
MJL Consulting	46927	50,586.50	Professional Services/Annual Contract Painting
Moller, Jorgen	47015	2,869.17	Sewer User Refund
Moore Medical Inc.	47189	408.32	Medical Supplies
Morgan Company (WRM, Inc)	47190	3,013.58	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
MWH Soft, Inc.	47171	7,643.00	Professional Organizations Meeting/Training/Membership
Myers & Sons Hi-Way Safety, Inc.	47191	129.08	Repair & Maintenance Services and/or Supplies
NEAC Compressor Services USA Inc.	47192	18.62	Repair & Maintenance Services and/or Supplies
Neal Supply Co.	47193	1,744.18	Repair & Maintenance Services and/or Supplies
NetworkFleet, Inc.	47020	2,108.85	Software Maintenance Agreement
Newark Electronics	47194	31.99	Electrical/Electronic Equipment, Parts & Repairs
Nickell Metal Spray	47021	975.00	Repair & Maintenance Services and/or Supplies
NRG Engine Services, L.L.C.	47195	15,996.87	Repair & Maintenance Services and/or Supplies
OCEA	47022	692.25	Dues Deductible
Office Depot	47023	3,611.40	Office Supplies
Office Depot	47197	821.51	Office Supplies
O'Neill Development Co., Inc.	47196	667.00	CFCC Refund
OneSource Distributors, Inc.	47024	2,695.48	Electrical/Electronic Equipment, Parts & Repairs
OneSource Distributors, Inc.	47198	456.28	Electrical/Electronic Equipment, Parts & Repairs
Oracle America Inc.	47025	2,076.73	Software Maintenance Agreement
Oracle Corporation	47199	3,374.52	Computer Applications & Services
Orange County Auto Parts	47200	29.31	Truck Supplies
Orange County Sanitation District	47030	1,674.06	Petty Cash Expense
Orange County Sanitation District	47276	1,442.15	Petty Cash Expense
Orange County United Way	47026	40.00	Employee Contributions
Oxygen Service Company	47027	130.05	Laboratory Services & Supplies
Oxygen Service Company	47202	366.33	Laboratory Services & Supplies
Pacific Mechanical Supply	47203	1,085.68	Repair & Maintenance Services and/or Supplies
Pacific Parts and Controls, Inc.	47204	1,230.51	Repair & Maintenance Services and/or Supplies
Pacific Services, Inc.	47028	578.03	Computers, Software/Hardware
Parker Supply Company	47205	7,569.50	Miscellaneous Parts and Supplies
Parkhouse Tire, Inc.	47206	226.98	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Parkhouse Tire, Inc.	47206	2,942.57	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
Parkson Corporation	47207	322.56	Mechanical Parts & Supplies
PC Mall Gov	47208	1,373.64	Software Maintenance Agreement
Peace Officers Council of CA	47029	2,242.50	Dues Deductions, Supervisors & Professionals
Performance Pipeline Technologies	47091	25,570.00	Professional Services/CCTV Inspection/Sewerline Cleaning
Pivot Interiors Inc.	47031	709.90	Office Supplies/Furniture
PL Hawn Company, Inc.	47209	2,455.39	Repair & Maintenance Services and/or Supplies
Plumbers Depot, Inc.	47210	3,939.34	Repair & Maintenance Services and/or Supplies
Polydyne, Inc.	591	62,025.75	Chemicals, Water/Wastewater Treatment
Ponton Industries, Inc.	47211	11,118.35	Laboratory Services & Supplies
Port Supply	47212	10.72	Autos, Trucks & Marine Equipment, Parts, Accessories & Services
PR Electronics, Inc.	47213	831.56	Electrical/Electronic Equipment, Parts & Repairs
Precon Products	47032	1,400.75	Repair & Maintenance Services and/or Supplies
Pres-Tech	47214	3,000.84	Mechanical Parts & Supplies
Primary Source Office Furnishings, Inc.	47215	1,193.87	Minor Equipment/Furniture & Fixtures
Primrose Ice Co., Inc.	47033	105.00	Water & Ice Services

**Claims Paid From 3/16/12 to 3/31/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Procure Work Injury Center	47034	414.68	Medical Services
Procure Work Injury Center	47216	880.00	Medical Services
Projects Partners	47217	23,329.00	Professional Services/Temporary Employment Services
Propipe Professional Pipe Services	596	2,051.67	Professional Services/CCTV Sewerline Inspections
Prudential Overall Supply	47035	1,429.66	Uniforms
Prudential Overall Supply	47218	47.98	Uniforms
Pryor Seminars/Career Track	46983	99.00	Professional Organizations Meeting/Training/Membership
Pump Action	47219	3,648.76	Oil Filters
Pumping Solutions, Inc.	47220	12,684.25	Repair & Maintenance Services and/or Supplies
Rachel J. Van Exel	47272	204.16	Meeting/Training Expense Reimbursement
Radwell International Inc.	47221	796.50	Repair & Maintenance Services and/or Supplies
Rainbow Disposal Co.	47038	3,493.81	Waste Disposal
Rainin Instrument, L.L.C.	47222	1,919.03	Laboratory Services & Supplies
Ransom Jr., Richard	47036	2,967.94	Septic Tank Refund
Rebecca A. Brooks	47081	170.00	Meeting/Training Expense Reimbursement
Restek Corp.	47223	169.91	Laboratory Services & Supplies
Retrofit Parts & Components, Inc.	47224	2,096.64	Repair & Maintenance Services and/or Supplies
Richard A. Castillon	47268	911.33	Meeting/Training Expense Reimbursement
Rite In The Rain	47225	160.25	Laboratory Services & Supplies
RJN Group, Inc.	47226	2,475.00	CMMS Consulting Services
Rockwell Engineering & Equipment Co.	47227	2,922.18	Repair & Maintenance Services and/or Supplies
Royale Cleaners	47039	185.10	Miscellaneous Services
Royale Cleaners	47228	150.30	Miscellaneous Services
S and S Supplies and Solutions	47040	2,769.90	Repair & Maintenance Services and/or Supplies
Safety Max	47041	94.44	Safety, Security, Health Equipment, Supplies, and Services
Safety-Kleen	47229	334.45	Repair & Maintenance Services and/or Supplies
Safway Services,L.P.	47042	4,577.39	Repair & Maintenance Services and/or Supplies
San Diego/Orange Fluid System Technologies, Inc.	47230	312.09	Repair & Maintenance Services and/or Supplies
Sancon Engineering, Inc.	47092	77,037.00	Repair & Maintenance Services and/or Supplies
Santiago A. Escobar	47270	1,287.08	Meeting/Training Expense Reimbursement
SCAP	47093	50,000.00	Professional Organizations Meeting/Training/Membership Dues
Schwing Bioset	592	1,168.94	Repair & Maintenance Services and/or Supplies
Securitas Security Services USA, Inc.	47043	1,883.85	Safety, Security, Health Equipment, Supplies, and Services
Sewer Equipment Company of America	47044	118.29	Repair & Maintenance Services and/or Supplies
SGS Testcom, Inc.	47045	100.00	Computer Hardware and Services
Shabbir S. Basrai	47116	267.62	Meeting/Training Expense Reimbursement
Shamrock Supply Co., Inc.	47046	2,161.05	Repair & Maintenance Services and/or Supplies
Shamrock Supply Co., Inc.	47232	665.49	Repair & Maintenance Services and/or Supplies
Shepard Brothers, Inc.	47047	5,035.31	Chemicals, Water/Wastewater Treatment
Shuang Yin	47087	330.00	Meeting/Training Expense Reimbursement
Shureluck Sales & Engineering	47048	872.78	Repair & Maintenance Services and/or Supplies
Shureluck Sales & Engineering	47233	554.91	Repair & Maintenance Services and/or Supplies
Siemens Energy, Inc.	47049	20,147.11	Repair & Maintenance Services and/or Supplies
Sigma-Aldrich, Inc.	47234	364.07	Laboratory Services & Supplies
Sign A Rama	47050	112.50	Miscellaneous Parts and Supplies
SKC West, Inc.	47051	339.41	Laboratory Services & Supplies
SKC West, Inc.	47235	2,183.28	Laboratory Services & Supplies
Snap On Industrial	47236	138.43	Tools
Sonja Wassgren Morgan	47084	244.80	Meeting/Training Expense Reimbursement

Claims Paid From 3/16/12 to 3/31/12

Vendor	Warrant No.	Amount	Description
Southern California Edison	46928	331,992.06	Utilities
St. Croix Sensory, Inc.	47052	289.00	Olfactometry Testing Services
Staples	47053	2,121.88	Office Supplies
Staples	47237	128.18	Office Supplies
Summit Steel	47054	695.64	Repair & Maintenance Services and/or Supplies
Summit Steel	47238	4,093.13	Repair & Maintenance Services and/or Supplies
Sunset Industrial Parts	47055	396.52	Repair & Maintenance Services and/or Supplies
Superior Electric Motor Service	46929	43,091.27	Electrical/Electronic Equipment, Parts & Repairs
Synagro West, Inc.	47094	661,156.10	Biosolids Management
Systema Scientific, L.L.C.	47056	1,878.41	Laboratory Services & Supplies
Tektronix Inc	47239	127.42	Instrument Repairs & Calibration Services
Terra Renewal, L.L.C.	47095	58,735.03	Grit & Screenings Disposal
TestAmerica Ontario	47057	5,362.00	Laboratory Services & Supplies
Tetra Tech, Inc.	47058	24,128.58	Professional Services/Engineering Design ServicesS
Tetra Tech, Inc.	47240	1,647.06	Professional Services/Engineering Design ServicesS
The Creative Group	47241	2,688.00	Professional Services/Temporary Services
The Fire X-Tinguisher Service Co.	46977	2,676.85	Safety, Security, Health Equipment, Supplies, and Services
The Orange County Register	47201	892.00	Notices & Ads
The Unisource Corporation	47249	872.78	Paper & Office Supplies
Thermo Electron North America, L.L.C.	47059	143.96	Laboratory Services & Supplies
Thermo Electron North America, L.L.C.	47242	2,310.42	Laboratory Services & Supplies
Thompson Industrial Supply, Inc.	47060	6,816.22	Repair & Maintenance Services and/or Supplies
Thompson Industrial Supply, Inc.	47096	41,368.49	Repair & Maintenance Services and/or Supplies
Tiano Construction	47061	13,390.00	Facilities, Maintenance, Services & Supplies
Time Warner Communications	47243	59.17	Telecommunications
Tony's Lock & Safe Service & Sales	47062	327.66	Repair & Maintenance Services and/or Supplies
Total Resource Management, Inc.	47244	15,360.00	Professional Services/Implementation of IBM Maxim - Phase I
Tran Consulting Engineers	47063	1,177.66	Professional Services/Engineering Design Services
Transcat	47245	199.70	Repair & Maintenance Services and/or Supplies
Tremco Incorporated	47064	3,880.00	Repair & Maintenance Services and/or Supplies
Tremco Incorporated	47246	2,274.71	Repair & Maintenance Services and/or Supplies
Tropical Plaza Nursery, Inc.	47065	2,100.00	Landscape Maintenance Services
Tule Ranch/Magan Farms	47097	169,326.61	Biosolids Management
Ultra Scientific	47247	114.40	Laboratory Services & Supplies
Underground Service Alert of So. Calif	47248	1,306.50	Professional Services - Dig Alert Notification Service
Union Bank of California	47067	788.75	Banking Services
Union Bank of California	47274	5,806.70	Construction, Retention
Union Bank of California Escrow	47267	9,350.55	Construction, Retention
United Parcel Service	47068	1,054.64	Freight Services
United Parcel Service	47250	423.32	Freight Services
United Power Service, Inc.	47251	106.00	Electrical/Electronic Equipment, Parts & Repairs
United States Postal Service	47066	5,000.00	Postage
United States Treasury - IRS	46931	338,512.99	Governmental Agency Fees & Charges and Taxes
Univar USA Inc	593	6,460.05	Chemicals, Water/Wastewater Treatment
US Equipment Co., Inc.	47252	1,084.30	Repair & Maintenance Services and/or Supplies
USA Bluebook	47253	2,898.19	Laboratory Services & Supplies
USA Mobility Wireless, Inc.	47254	313.78	Telecommunications
USC	47069	1,674.95	Professional Services/Studies
V & A Consulting Engineers	47255	1,604.72	Professional Services

**Claims Paid From 3/16/12 to 3/31/12**

<b>Vendor</b>	<b>Warrant No.</b>	<b>Amount</b>	<b>Description</b>
Vapex Products, Inc.	47256	6,443.52	Electrical/Electronic Equipment, Parts & Repairs
Verne's Plumbing	47070	2,995.00	Plumbing Services & Supplies
Verne's Plumbing	47257	11,408.57	Plumbing Services & Supplies
Village Nurseries	47071	35.86	Repair & Maintenance Services and/or Supplies
Vision Financial Corporation	47072	1,198.76	Employee Voluntary Benefits
Vortex Corp.	47258	866.86	Repair & Maintenance Services and/or Supplies
Vossler & Company	47259	827.21	Repair & Maintenance Services and/or Supplies
VPPPA	47260	585.00	Professional Organizations Meeting/Training/Membership
VWR Scientific Products	47261	1,141.39	Laboratory Services & Supplies
Water Environment Federation	47073	179.00	Professional Organizations Meeting/Training/Membership
Water Environment Federation	47262	537.00	Professional Organizations Meeting/Training/Membership
Wateruse Foundation	47098	25,000.00	Professional Organization
Wells Fargo Bank	47275	375.00	Construction, Retention
Wells Fargo Bank Escrow 23861100 Kiewit	47101	56,114.60	Construction, Retention
West Coast Arborists, Inc.	47074	2,019.00	Landscape Maintenance Services
West Coast Switchgear, Inc.	47263	808.13	Electrical/Electronic Equipment, Parts & Repairs
West Lite Supply Company, Inc.	47075	8,235.22	Electrical/Electronic Equipment, Parts & Repairs
West Lite Supply Company, Inc.	47264	5,239.23	Electrical/Electronic Equipment, Parts & Repairs
Weston Solutions, Inc.	47265	23,965.00	Laboratory Services & Supplies
WPL Publishing	47266	246.00	Books & Publications
Xerox Corporation	47076	20,201.89	Computers, Software/Hardware & Managed Services
Yale/Chase Materials Handling, Inc.	47077	16.87	Electrical/Electronic Equipment, & Electric Cart Parts & Repairs
<b>Total Accounts Payable - Warrants</b>		<b><u>\$ 4,441,047.36</u></b>	
<b><u>Payroll Disbursements</u></b>			
Employee Paychecks	48911 - 48950	\$ 90,691.74	Biweekly Payroll (3/21/12)
Employee Paychecks	48951 - 48959	25,880.60	Interim Payroll - Retirements (3/22/12)
Employee Paychecks	48960 - 48967	98,611.96	Interim Payroll - Retirement Payouts (3/22/12)
Employee Paychecks	48968 - 48993	4,455.92	Interim Payroll - ARBA (3/30/12)*
Employee Paychecks	49033 - 49037	18,137.65	Interim Payroll - Retirements (3/29/12)
Employee Paychecks	49038 - 49040	44,504.80	Interim Payroll - Retirement Payouts (3/29/12)
Direct Deposit Statements	317887 - 318454	1,416,038.23	Biweekly Payroll (3/21/12)
Direct Deposit Statements	318455 - 318603	25,535.98	Interim Payroll - ARBA (3/30/12)
<b>Total Payroll Disbursements</b>		<b><u>\$ 1,723,856.88</u></b>	
*Check numbers 48994 - 49032 printed out of order for a later pay date (4/04/12).			
<b><u>Wire Transfer Payments</u></b>			
OCSD Payroll Taxes & Contributions		\$ 993,295.31	Biweekly Payroll (3/21/12)
<b>Total Wire Transfer Payments</b>		<b><u>\$ 993,295.31</u></b>	
<b>Total Claims Paid 3/16/12 - 3/31/12</b>		<b><u>\$ 7,158,199.55</u></b>	

# BOARD OF DIRECTORS

## AGENDA REPORT

Meeting Date	To Bd. of Dir. 04/25/12
Item Number	Item Number 4

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Assistant General Manager  
CIP Project Manager: Martin Dix

**SUBJECT:** INTERPLANT GAS LINE REHABILITATION, PROJECT NO. J-106

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve Plans and Specifications for Interplant Gas Line Rehabilitation, Project No. J-106, on file at the office of the Clerk of the Board;
- B. Approve Addendum No. 1 to the plans and specifications;
- C. Receive and file bid tabulation and recommendation;
- D. Award a construction contract to J. Fletcher Creamer & Son, Inc. for Interplant Gas Line Rehabilitation, Project No. J-106, for a total amount not to exceed \$2,048,060; and,
- E. Approve a contingency of \$143,364 (7.0%).

### SUMMARY

This project rehabilitates a pipeline used to transfer digester gas for power generation between the two plants to bring it in compliance with guidelines under the jurisdiction of the US Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) regulations. The line was taken out of service in 2006 due to noncompliance with PHMSA regulations. This project provides a cost savings by maximizing the use of available digester gas for energy production, and reduces air quality emissions by limiting the flaring of excess digester gas.

The Orange County Sanitation District (Sanitation District) advertised for bids on January 23 and January 30, 2012. Six sealed bids were received on March 6, 2012. The bids were evaluated in accordance with the Sanitation District policies and procedures. J. Fletcher Creamer & Son, Inc., was deemed the lowest responsive, responsible bidder. Staff recommends awarding a construction contract to J. Fletcher Creamer & Son, Inc., for Interplant Gas Line Rehabilitation, Project No. J-106, for a total amount not to exceed \$2,048,060.



Summary information on the bid opening for Interplant Gas Line Rehabilitation, Project No. J-106 is as follows:

Project Budget	\$5,271,000
Construction Contract Budget	\$3,040,000
Engineer's Estimate	\$2,782,406
Lowest Responsive, Responsible Bid	\$2,048,060
High Bid	\$3,179,191

<u>Bidders</u>	<u>Amount of Bid</u>
J. Fletcher Creamer & Son, Inc.	\$2,048,060
Colich & Sons, LP	\$2,375,030
MMC, Inc.	\$2,491,525
ARB, Inc.	\$2,613,040
Steve Bubalo Construction Company	\$2,716,140
Mladen Buntich Construction Company, Inc.	\$3,179,191

#### **ADDITIONAL INFORMATION**

N/A

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

N/A

#### **CEQA**

Notice of Exemption was filed on January 19, 2006.

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

This recommendation complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted and the budget is sufficient for the recommended action (FY2011-12 Update, Page A-10, Item 63).

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<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$2,048,060	\$143,364 (7.0%)

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JH:DF:MD:dm:gc

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 2	Item Number 8

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Ed Torres, Director of Operations and Maintenance

**SUBJECT:** PLANT NO. 2 OXYGEN SUPPLY SYSTEMS

### GENERAL MANAGER'S RECOMMENDATION

- A. Authorize the General Manager to negotiate and subsequently approve Amendment No. 6 to extend the agreement with Air Products and Chemicals, Inc., for Private Operation and Maintenance of Oxygen Generation System at Plant No. 2, Purchase Order #43063-OB for an additional three (3) month period beginning May 1, 2012, through July 31, 2012, at the current monthly rate of \$27,411.76; and
- B. Amend the December 21, 2011 Board action (Item No. 13) and authorize the General Manager to competitively bid and subsequently award a contract for liquid oxygen, Specification C-2011-506BD, to the lowest responsible and responsive bidder, for a one-year period, from the date of the Notice to Proceed (thereby rescinding original contract term dates), for a total annual amount not to exceed \$750,000.

### SUMMARY

Air Products and Chemicals, Inc. (APCI) is currently upgrading OCSD's liquid oxygen storage and delivery systems. Upon completion of these upgrades, the cryogenic oxygen generation plant will be shut down and liquid oxygen will be delivered for use in Plant No. 2's secondary treatment process.

The completion of the upgraded liquid oxygen system has been delayed due to procurement issues related to a special valve used in this system. The term of the agreement with APCI for the Operation and Maintenance of the Cryogenic Oxygen Plant needs to be extended for an additional three month period, until the upgraded liquid oxygen system is operational.

The effective date of the start of the one-year liquid oxygen supply contract is also required to be moved from March 1, 2012 to the date of the issuance of Notice to Proceed in order to align the start of this contract to the startup of the upgraded liquid oxygen system.

## **PRIOR COMMITTEE/BOARD ACTIONS**

December 2011 – Authorize the General Manager to competitively bid and subsequently award a contract for liquid oxygen, Specification C-2011-506BD, to the lowest responsible and responsive bidder, for a one-year period, March 1, 2012 through February 28, 2013, for a total annual amount not to exceed \$750,000.

July 2011 – Authorize the General Manager to negotiate and subsequently approve Amendment No. 5 to the Agreement with Air Products and Chemicals, Inc., for Private Operation and Maintenance of Oxygen Generation System at Plant No. 2, Purchase Order No. 43063-OB to include the following:

- A. Extend the agreement with Air Products and Chemicals, Inc. for an additional three (3) month period beginning February 2, 2012, through April 30, 2012, at the current monthly rate of \$27,411.76, and,
- B. Authorization for Air Products to refurbish the liquid oxygen storage and delivery system, for a total amount not to exceed \$1,300,000; and,
- C. Approve a contingency of \$260,000 (20%) for the liquid oxygen refurbishment.

January 2010 – Amend the May 20, 2009 Board Minutes, Item No. 10, approving Amendment No. 4 to the Agreement for Private Operation and Maintenance of Oxygen Generation System at Plant No. 2 with Air Products and Chemicals, Inc., (P.O. 43063-OB), extending the contract for a two-year period beginning February 2, 2010 to February 1, 2012, for an annual amount not to exceed \$328,941.12.

May 2009 – Approve Amendment No. 4 to extend the contract with Air Products for a two-year period beginning February 2, 2010.

June 2004 – Approve Amendment No. 3 to extend the contract with Air Products for a five-year period beginning February 2, 2005 and authorize a sole source rehabilitation of the spare oxygen generation unit by Air Products for an amount not to exceed \$401,000.

June 1997 – Approve Amendment No. 2 to the Agreement for Private Operation and Maintenance of Oxygen Generation System at Plant No. 2. This amendment reduced the operating expenses by \$215,000 annually.

August 1989 – Board Resolution No. 89-108. This Board action approved the original contract.

**ADDITIONAL INFORMATION**

N/A

**CEQA**

N/A

**BUDGET/DELEGATION OF AUTHORITY COMPLIANCE**

This request complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted in O&M Department's Division 840 Operating Budget Line Item 53070 and CIP #SP-34.

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<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$ 82,235.28	N/A
04/25/12	\$750,000.00	N/A

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DH:SSB:ysh

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 3	Item Number 9

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Assistant General Manager  
CIP Project Manager: Umesh Murthy

**SUBJECT:** SLUDGE DEWATERING AND ODOR CONTROL AT PLANT NO. 1,  
PROJECT NO. P1-101

### GENERAL MANAGER'S RECOMMENDATION

Approve Amendment No. 4 to the Professional Design Services Agreement with HDR Engineering, Inc. for additional design engineering services for Sludge Dewatering and Odor Control at Plant No. 1, Project No. P1-101, for an additional amount of \$221,000, increasing the total amount not to exceed \$14,466,856.

### SUMMARY

This project replaces existing sludge dewatering and solids area odor control systems and installs primary sludge and waste activated sludge (WAS) thickening systems at the Orange County Sanitation District's (Sanitation District) Plant No. 1. The construction cost is estimated at \$102.2 million.

As the plans and specifications were completed, design changes required additional efforts by the consultant to secure permits including coordination with the County of Orange; the City of Fountain Valley Building, Planning, and Fire Departments; South Coast Air Quality Management District; and the Orange County Healthcare Agency.

There were also design changes caused by other Sanitation District projects that resulted in increased efforts including coordination with other projects including J-109, J-33-3, J-106, P1-100, and the new Fuel Cell Facility. While every effort was made to anticipate this work, some of this coordination was not foreseeable and late design changes in those projects resulted in some minor design rework. The additional detailed design effort in proposed Amendment No. 4 will reduce potential for change orders in construction.

### PRIOR COMMITTEE/BOARD ACTIONS

November 2011 – Authorized staff to enter into negotiations with HDR for construction support services for the Sludge Dewatering and Odor Control at Plant No. 1, Project No. P1-101.

May 2008 – Approved a contingency increase of \$2,003,323 (18%) to the Professional Design Services Agreement with HDR.

April 2007 -- Approved a contingency of \$1,112,958 (10%) to the Professional Design Services Agreement with HDR.

May 2005 – Approved a Professional Design Services Agreement with HDR for an amount not to exceed \$11,129,575.

### **ADDITIONAL INFORMATION**

The additional tasks included in Amendment 4 and the associated fee are summarized below.

Many of the additional permitting tasks were a result of value engineering changes that reduced the overall construction cost, but resulted in addition design and permitting efforts. In other cases the permitting design effort exceeded estimated amounts.

Grading and Rip Rap Requested by County	\$11,700
City of Fountain Valley permitting	\$41,900
Orange County Flood Control District	\$21,800
Fire Protection Permitting	\$49,200
Fuel Tank Permitting (Existing Facility)	\$5,000
Additional AQMD Permitting	\$38,100

Additional design changes resulted in coordination of other projects or coordination with the Plant facility that was not previously known. Many of these evolved as the design was finalized and were incorporated to reduce potential change orders.

J-109 Plant Water Pipe	\$5,300
High Pressure Gas Line Relocation (Fuel Cell)	\$9,100
Potable Water Booster Station	\$21,300
Storm Drain System Changes	\$8,100
Resurface Plant Roads	\$9,500

### **CEQA**

The recommended action is within the scope of the Subsequent Environmental Impact Report for the Secondary Treatment and Plan Improvement Project, dated March 2005. The Subsequent Environmental Impact Report for the Secondary Treatment and Plan Improvement Project supplements the Sanitation District's Strategic Plan Program Environmental Impact Report (PEIR) was certified in October 1999. Pursuant to CEQA Guidelines section 15168(c) (4), the Sanitation District has used a written checklist to document its evaluation of the recommended action, and has determined that the recommended action is still within the scope of program EIR.

In addition, the project was determined to be eligible for a categorical exclusion under the National Environmental Pollution Act (NEPA) in June 2006.

## BUDGET/DELEGATION OF AUTHORITY COMPLIANCE

This recommendation complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted (FY2011-12 Update, Page A-9), and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
05/25/2005 (Orig. PDSA)	\$11,129,575	
04/25/2007		\$1,112,958 (10%)
11/18/2008 (Amend. No. 1)	\$ 562,917	
05/28/2008		\$2,003,323 (18%)
05/18/2010 (Amend. No. 2)	\$ 2,394,000	
04/19/2011 (Amend. No. 3)	\$ 159,364	
	<b>SUBTOTAL</b>	
	<b>\$14,245,856</b>	
04/25/2012 (proposed Amend. No. 4)	\$ 221,000	
	<b>TOTAL</b>	
	<b>\$14,466,856</b>	<b>\$3,116,281 (28%)</b>

JH:DF:UM:dm:gc

# OPERATIONS COMMITTEE

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 4	Item Number 10

## AGENDA REPORT

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Assistant General Manager  
CIP Project Manager: Umesh Murthy

**SUBJECT:** SLUDGE DEWATERING AND ODOR CONTROL AT PLANT NO. 1,  
PROJECT NO. P1-101

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve a Professional Consultant Services Agreement with HDR Engineering, Inc. to provide bid and construction support services for Sludge Dewatering and Odor Control at Plant No. 1, Project No. P1-101, for an amount not to exceed \$7,140,000; and,
- B. Approve a contingency of \$571,200 (8%).

### SUMMARY

This project replaces existing sludge dewatering and solids area odor control systems and installs primary sludge and waste activated sludge (WAS) thickening systems at the Orange County Sanitation District's (Sanitation District) Plant No. 1. The construction cost is estimated at \$102.2 million.

The design was completed in January 2012 and the project is scheduled to be awarded for construction in May 2012. Construction support services are needed as it moves into the construction phase. The scope of services during construction includes the preparation of conformed drawings and bid review, review of submittals and requests for information, preparation of requests for proposals and change orders, and assistance with the startup and commissioning of the new equipment.

HDR Engineering, Inc. (HDR) has satisfactorily furnished engineering services for the design and is in the best position to provide engineering support services during construction, commissioning, and closeout phases of this project.

Staff negotiated with HDR for these support services in accordance with the Sanitation District's adopted policies and procedures. A review of the proposed price was conducted using estimated quantities of documents, meetings, change order review and design revisions, as well as the level of effort for commissioning and record drawings. Based on this review and considering the complexity of construction, staff determined the negotiated fee to be fair and reasonable for these services. Staff recommends awarding a Professional Consultant Services Agreement to HDR for an amount not to exceed \$7,140,000 and approving a contingency of \$571,200 (8%).



## **PRIOR COMMITTEE/BOARD ACTIONS**

November 2011 – Authorized staff to enter into negotiations with HDR for construction support services for the Sludge Dewatering and Odor Control at Plant No. 1, Project No. P1-101.

## **ADDITIONAL INFORMATION**

N/A

## **CEQA**

The recommended action is within the scope of the Subsequent Environmental Impact Report for the Secondary Treatment and Plan Improvement Project, dated March 2005. The Subsequent Environmental Impact Report for the Secondary Treatment and Plan Improvement Project supplements the Sanitation District's Strategic Plan Program Environmental Impact Report (PEIR) was certified in October 1999. Pursuant to CEQA Guidelines section 15168(c) (4), the Sanitation District has used a written checklist to document its evaluation of the recommended action, and has determined that the recommended action is still within the scope of program EIR.

In addition, the project was determined to be eligible for a categorical exclusion under the National Environmental Pollution Act (NEPA) in June 2006.

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

This recommendation complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted (FY2011-12 Update, Page A-9), and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$7,140,000	\$571,200 (8%)

JH:DF:UM:dm:gc

# OPERATIONS COMMITTEE

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 5	Item Number 11

## AGENDA REPORT

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Assistant General Manager  
CIP Project Manager: Umesh Murthy

**SUBJECT:** DIGESTER FERRIC CHLORIDE SYSTEM REHABILITATION,  
PROJECT NO. P2-105

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve a Professional Consultant Services Agreement with AECOM to provide construction support services for Digester Ferric Chloride System Rehabilitation at Plant No. 2, Project No. P2-105, for an amount not to exceed \$244,400; and,
- B. Approve a contingency of \$24,440 (10%).

### SUMMARY

Digester Ferric Chloride System Rehabilitation project will replace the existing ferric chloride station and associated pipelines at Plant No. 2. The project also includes upgrades to the instrumentation and control systems that are currently operated manually. AECOM is providing engineering design services for this project.

The design was completed in January 2012 and the construction contract is scheduled to be awarded for construction in June 2012. Construction support services are needed as the project moves into the construction phase. The scope of services includes the review of submittals, requests for information, preparation of requests for proposals, change orders, and assistance with the startup and commissioning of the new equipment.

AECOM has satisfactorily furnished engineering services for the design and is in a good position to provide engineering support services during construction, commissioning, and closeout phases of this project.

Staff negotiated with AECOM for these support services in accordance with the Orange County Sanitation District's (Sanitation District) adopted policies and procedures. A review of the proposed price was conducted using estimated quantities of documents, meetings, change order review, and design revisions, as well as the level of effort for commissioning and record drawings. Based on this review and considering the complexity of construction, staff determined the negotiated fee to be fair and reasonable for these services. Staff recommends awarding a Professional Consultant Services Agreement to AECOM for an amount not to exceed \$244,400, and approving a contingency of \$24,440 (10%).

## **PRIOR COMMITTEE/BOARD ACTIONS**

December 2011 – Authorized the General Manager to negotiate a Professional Construction Services Agreement with AECOM for engineering support services during construction of Digester Ferric Chloride System Rehabilitation, Project No. P2-105.

December 2011 – Approved a budget increase of \$784,500 for Digester Ferric Chloride System Rehabilitation, Project No. P2-105, for a total budget amount of \$3,689,500.

February 2011 – Approved a Professional Design Services Agreement with AECOM for Digester Ferric Chloride System Rehabilitation, Project No. P2-105, providing for engineering design services for an amount not to exceed \$478,548, and approve a contingency of \$47,855 (10%).

## **ADDITIONAL INFORMATION**

N/A

## **CEQA**

The recommended action is categorically exempt pursuant to CEQA Guidelines, Sections 15301, because it consists of the operation, repair, maintenance, permitting and/or minor alteration of existing public structures, facilities, and/or mechanical equipment, involving no expansion of use beyond that currently existing. A Notice of Exemption has been filed with the County of Orange on August 3, 2010.

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

This request complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted (FY 2011-12 Update, page A-9) and amended by the Board of Directors on December 21, 2011.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$244,400	\$24,440 (10%)

JH:DF:UM:dm:gc

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 6	Item Number 12

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Assistant General Manager  
CIP Project Manager: Dean Fisher

**SUBJECT:** SOLIDS THICKENING AND PROCESSING UPGRADES,  
PROJECT NO. P2-89

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve Plans and Specifications for Solids Thickening and Processing Upgrades, Project No. P2-89, on file at the office of the Clerk of the Board;
- B. Approve Addendum Nos. 1 through 5 to the plans and specifications;
- C. Receive and file bid tabulation and recommendation;
- D. Award a construction contract to W. M. Lyles Company for Solids Thickening and Processing Upgrades, Project No. P2-89, for a total amount not to exceed \$26,383,400; and,
- E. Approve a contingency of \$2,107,472 (8%).

### SUMMARY

This project will provide sludge thickening treatment for secondary treatment solids, including the additional solids generated from the new Trickling Filter/Solids Contract (TF/SC) process at Plant No. 2. Work includes upgrades to the existing Dissolved Air Floatation Thickeners (DAFTs), conversion of the "holding" digesters into "working" digesters, addition of a new electrical building, and replacement of the existing DAFT odor control system.

The Orange County Sanitation District (Sanitation District) advertised for bids on December 5, 2011. Nine sealed bids were received on February 23, 2012. The bids were evaluated in accordance with the Sanitation District policies and procedures. W. M. Lyles Company was deemed the lowest responsive, responsible bidder. Staff recommends awarding a construction contract to W. M. Lyles Company for Solids Thickening and Processing Upgrades, Project No. P2-89, for a total amount not to exceed \$26,383,400.

Summary information on the bid opening for Solids Thickening and Processing Upgrades, Project No. P2-89, is as follows:

Project Budget	\$57,796,000
Construction Contract Budget	\$35,953,036
Engineer's Estimate	\$35,153,333
Lowest Responsive, Responsible Bid	\$26,383,400
High Bid	\$35,932,488

<u>Bidder</u>	<u>Amount of Bid</u>
W. M. Lyles Company	\$26,383,400
USS Cal Builders	\$26,726,870
Stanek Constructors, Inc.	\$27,310,500
Monterey Mechanical Corporation	\$29,068,000
Shimmick Construction	\$30,258,500
J. R. Filanc	\$31,177,000
Archer Western Contractors	\$32,786,500
S. J. Amoroso Construction	\$32,977,000
J. F. Shea Construction, Inc.	\$35,932,488

**PRIOR COMMITTEE/BOARD ACTIONS**

None.

**ADDITIONAL INFORMATION**

None.

**CEQA**

The project was determined to be exempt in accordance with Section 15301 (b). A Notice of Exemption filed on July 27, 2010.

**BUDGET/DELEGATION OF AUTHORITY COMPLIANCE**

This recommendation complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted (FY2011-12 Update, Page A-9), and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$26,383,400	\$2,107,482 (8.0%)

JH:DF:SS:dm:gc

# OPERATIONS COMMITTEE

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 7	Item Number 13

## AGENDA REPORT

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Jim Herberg, Assistant General Manager  
CIP Project Manager: Dean Fisher

**SUBJECT:** SOLIDS THICKENING AND PROCESSING UPGRADES,  
PROJECT NO. P2-89

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve a Professional Consultant Services Agreement with MWH Americas, Inc. to provide construction support services for Solids Thickening and Process Upgrades, Project No. P2-89, for an amount not to exceed \$2,199,798; and,
- B. Approve a contingency of \$110,550 (5%).

### SUMMARY

This project will provide sludge thickening treatment for existing solids, as well as the additional solids that will be generated from the new secondary treatment processes at Treatment Plant No. 2. Work includes upgrades to the existing Dissolved Air Flotation Thickeners (DAFTs), conversion of the "holding" digesters into "working" digesters, an addition of a new electrical building, and replacement of the existing DAFT odor control system. Construction is expected to start in the summer of 2012.

MWH Americas, Inc. was the design Consultant and completed the design in October 2011. Construction support services are needed as the project moves into the construction phase. The scope of services during construction includes the review of submittals, Requests for Information, preparation of Requests for Proposals, Change Orders, and assistance with the startup and commissioning of the new equipment.

MWH Americas, Inc. (MWH) has satisfactorily furnished engineering services for the design and is in the best position to provide engineering support services during construction, commissioning, and closeout phases of this project.

Staff negotiated with MWH for these support services in accordance with the Orange County Sanitation District's (Sanitation District) adopted policies and procedures. A review of the proposed price was conducted using estimated quantities of documents, meetings, change order review, and design revisions, as well as the level of effort for commissioning and record drawings. Based on this review and considering the complexity of construction, staff determined the negotiated fee to be fair and reasonable for these services. Staff recommends awarding a Professional Consultant Services Agreement to MWH, for an amount not to exceed \$2,199,798, and approving a contingency of \$110,550 (5%).

**PRIOR COMMITTEE/BOARD ACTIONS**

November 2011 – Authorized staff to negotiate the Professional Design Services Agreement with MWH Americas, Inc., for services during construction for Phases 4, 5, and 6, Job No. P2-89.

October 2008 – Approved a Professional Design Services Agreement with MWH Americas, Inc. to provide professional design services for the Solids Thickening and Processing Upgrades, Job No. P2-89.

**ADDITIONAL INFORMATION**

N/A

**CEQA**

The project was determined to be exempt in accordance with Section 15301 (b). A Notice of Exemption filed on July 27, 2010.

**BUDGET/DELEGATION OF AUTHORITY COMPLIANCE**

This recommendation complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted (FY2011-12 Update, Page A-9), and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$2,199,798	\$110,550 (5.0%)

JH:DF:SS:dm:gc

# OPERATIONS COMMITTEE

## AGENDA REPORT

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 8	Item Number 14

Orange County Sanitation District

**FROM:** James D. Ruth, General Manager  
Originator: Ed Torres, Director of Operations and Maintenance

**SUBJECT:** Joint Powers Agreement, Southern California Coastal Waters Research Partnership Authority (SCCWRP)

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve our continued participation in the agency known as Southern California Coastal Waters Research Partnership (SCCWRP) Authority for the term July 1, 2013 through June 30, 2017.
- B. Approve annual funding in the amount of \$400,000 per year for SCCWRP during the term of this agreement.
- C. Approve Resolution No. OCSD 12-05, Eighth Amended Joint Powers Agreement Confirming the Creation of an Agency Known as Southern California Coastal Waters Research Partnership Authority.

### SUMMARY

- This Agreement provides for the continuation of the Southern California Coastal Waters Research Partnership (SCCWRP) a public entity separate and apart from the Signatories.
- Significant changes to previous SCCWRP JPA:
  - Ø Changed the name of the Southern California Coastal Water Research Project to the Southern California Coastal Waters Research Partnership. This change is intended to more clearly reflect the on-going nature of SCCWRP.
  - Ø Establishes a requirement of two-thirds (2/3) of SCCWRP Commission representatives to vote to adopt changes to permanent representatives of the SCCWRP Commission, the hiring of an Executive Director and approval of salaries and benefits for SCCWRP staff.
  - Ø Associate Commission Members would change from non-voting status to having a one-quarter (1/4) vote. The Ventura County Watershed Protection District, the Los Angeles County Flood Control District, the County of Orange and the County of San Diego are Associate members; each Associate member provides \$100,000 in funding to SCCWRP each year.



## PRIOR COMMITTEE/BOARD ACTIONS

September 2008 – OCSD Board of Directors adopted Resolution No. OCSD 08-16. Approving Seventh Amended Joint Powers Agreement Reconfirming the Creation of an Agency Known as the Southern California Coastal Water Research Project Authority (SCCWRP)

## ADDITIONAL INFORMATION

- The Southern California Coastal Water Research Project (SCCWRP) is a research institute formed in 1969 as a Joint Powers Agency (JPA). The JPA agreement results from the signatory agencies, the Orange County Sanitation District (OCSD), the City of Los Angeles, the City of San Diego and the County Sanitation Districts of Los Angeles County, pooling resources to address the scientific understanding of linkages among human activities, natural events, and the health of the Southern California coastal environment.
- SCCWRP is governed by a fourteen (14) member Commission composed of representatives from the three (3) Regional Water Quality Control Boards (Santa Ana, Los Angeles & San Diego), the California Ocean Protection Council, USEPA, CA State Water Resources Control Board and a representative from each of the four (4) signatory agencies as full voting members and representatives from the Associate members as one-quarter (1/4) voting members. Assistant General Manager, Robert Ghirelli, represents OCSD on the SCCWRP Commission.
- There are many benefits of OCSD's participation in SCCWRP's JPA including:
  - Ø SCCWRP provides opportunities for efficiency of scale and independent research on regional issues of concern to member agencies, such as development and testing of rapid microbial measurement techniques (qPCR).
  - Ø SCCWRP affords venues for staff from member agencies, representatives from regulatory agencies and environmental advocacy groups to participate in open discussions and vetting of concerns to reach areas of agreement and prioritization of research efforts outside of formal channels of communication.
  - Ø SCCWRP also delivers objective review and comment on member agency proposals, scientific support to assess environmental monitoring and regulatory policy and an important outlet for information dissemination and exchanges with environmental or policy advocacy groups and the public.

## CEQA

N/A

## BUDGET / DELEGATION OF AUTHORITY COMPLIANCE

This request complies with authority levels of the Sanitation District's Delegation of Authority. This item has been budgeted.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/2012	\$1,600,000.00	N/A

RESOLUTION NO. OCSD 12-05

APPROVING EIGHTH AMENDED JOINT POWERS AGREEMENT  
RECONFIRMING THE CREATION OF AN AGENCY KNOWN AS  
SOUTHERN CALIFORNIA COASTAL WATER RESEARCH  
PARTNERSHIP AUTHORITY (SCCWRP)

A RESOLUTION OF THE BOARD OF DIRECTORS OF ORANGE COUNTY SANITATION DISTRICT, APPROVING THE EIGHTH AMENDED JOINT POWERS AGREEMENT CONFIRMING THE CREATION OF AN AGENCY KNOWN AS SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PARTNERSHIP AUTHORITY (SCCWRP), PROVIDING FOR CONTINUATION OF SCCWRP FOR FOUR YEARS FROM JULY 1, 2013 THROUGH JUNE 30, 2017

\*\*\*\*\*

The Board of Directors of Orange County Sanitation District,  
DOES HEREBY RESOLVE, DETERMINE AND ORDER:

Section 1: That certain Eighth Amended Joint Powers Agreement Confirming the Creation of an Agency Known as Southern California Coastal Water Research Partnership Authority (SCCWRP), dated July 1, 2012, by and between Orange County Sanitation District and the City of Los Angeles, County Sanitation District No. 2 of Los Angeles County, and the City of San Diego, providing for continuation of SCCWRP for a four-year period from July 1, 2013 through June 30, 2017, is hereby approved and accepted.

Section 2: That payment of the District's proportional share of the contribution by the signatory agencies, in a total amount not to exceed \$1,600,000.00, to be shared on the basis of annual flow is hereby approved, as follows:

FY2013-2014	\$ 400,000
FY2014-2015	\$ 400,000
FY2015-2016	\$ 400,000
FY2016-2017	\$ 400,000

Section 3: That the Chair and Clerk of the Board of Orange County Sanitation District, are hereby authorized and directed to execute said Agreement in a form approved by the General Counsel.

PASSED AND ADOPTED at a regular meeting held April 25, 2012.

\_\_\_\_\_  
Chair

ATTEST:

\_\_\_\_\_  
Clerk of the Board

# OPERATIONS COMMITTEE

Meeting Date 04/04/12	To Bd. of Dir. 04/25/12
Item Number 9	Item Number 15

## AGENDA REPORT

Orange County Sanitation District

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

**SUBJECT:** REPLACEMENT OF THE ROCKY POINT PUMP STATION,  
CONTRACT NO. 5-50

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve a budget increase of \$981,961 for Replacement of the Rocky Point Pump Station, Contract No. 5-50, for a total budget amount of \$21,928,961; and
- B. Approve a contingency increase of \$502,980 (6%) to the construction contract with Kiewit/Mass, a Joint Venture, for Replacement of the Rocky Point Pump Station, Contract No. 5-50, for a total contingency of \$1,676,600 (20%).

### SUMMARY

This project replaces the existing 70-year old Rocky Point Pump Station with a new pump station on West Coast Highway in Newport Beach. The new pump station is operational. Final contract work items and closeout of all pending items must be complete prior to final completion and closeout

In July 2011, the Board of Directors authorized a 4% contingency increase bringing the total construction contingency to 14%. At that time, much of the risky West Coast Highway work, a roadway heavily congested with traffic and underground utilities, was just beginning. As construction on West Coast Highway progressed, it became apparent that the change order work to install the gravity and force main pipelines in the highway was higher than anticipated back in July 2011.

Prior to receiving construction bids in 2009, the total project budget was \$30,951,579. The budget was reduced by \$10 million after receiving favorable bids. With the proposed budget increase, the revised total project budget will be \$21,928,961 which is still \$9,022,618 less than the 2009 budget.

To cover any further unexpected field conditions or interferences, staff is requesting an additional contingency of \$502,980 (6%), for a total project contingency of \$1,676,600 (20%), and \$478,981 budget increase to cover engineering, inspection and project management costs.

## **PRIOR COMMITTEE/BOARD ACTIONS**

July 2011 – Approved a budget increase of \$196,000 for Replacement of the Rocky Point Pump Station, Contract No. 5-50, for a total budget amount of \$20,947,000; and approved a contingency increase of \$335,320 (4%) for a total contingency of \$1,173,620 (14%).

February 2011 – Approved a contingency increase of \$335,320 (4%) for a total contingency of \$838,300 (10%).

August 2009 – Awarded a construction contract to Kiewit/Mass, a Joint Venture for Replacement of the Rocky Point Pump Station, Contract No. 5-50, for a total amount not to exceed \$8,383,000; and, approve a contingency of \$502,980 (6%).

## **ADDITIONAL INFORMATION**

The highest cost portion of the change order work occurred while constructing the new 12-inch gravity sewer across West Coast Highway. This sewer is needed to route local sewage flows from the old pump station to the new one across the highway. Both the jacking and receiving pits (needed to tunnel the sewer under the highway) had to be relocated due to unknown conditions. The relocation triggered other significant construction issues including traffic control changes, casing revisions, jack and bore foreign material removal, wet weather protection and cleanup, utility relocations, exploratory excavation, potholing, and bypass pumping. In all, the change orders incurred to install the 12-inch gravity sewer may be as much as \$551,000, but not all of the costs have been submitted or negotiated at this time. Furthermore, the cost to install the gravity sewer may increase when Contractor time-related impacts are submitted and reviewed for merit in April 2012.

After the 12-inch sewer was built, two new force main tie-ins were constructed to send flow to the force main that terminates at Plant No. 2. Leaking Sanitation District valves made the installation of the force main tie-ins more expensive than originally anticipated. It took the Contractor three attempts to successfully make the south force main connection, and as a result, the total change order costs incurred to install the force main tie-ins could potentially be as high as \$190,000.

The last of the highway work concluded with pipeline abandonment and paving. The Caltrans paving requirements were not shown correctly on the plans, resulting in \$115,074 in additional costs. During the course of construction, the Sanitation District obtained approval from Caltrans to reduce the paving section from 18 inches to 12 inches resulting in a \$50,000 reduction in additional costs.

The aforementioned costs did not include Sanitation District labor costs needed to mitigate construction issues, close valves, cleanup sewage, and provide 24/7 inspection. Sanitation District staff, aided by the Consultant, spent a considerable amount of time working through the construction issues to prevent further delay. As a

result of the issues described above, the ensuing delay, and the construction issues, Consultant and Sanitation District staff charges exceeded the budget by \$87,343 and \$640,000, respectively, during the construction phase.

**CEQA**

The Final Environmental Impact Report (EIR) for the Replacement of Rocky Point Pump Station, Contract No. 5-50, was certified by the Sanitation District’s Board of Directors on August 25, 2004. The Notice of Determination was filed with the State Clearinghouse on August 27, 2004.

**BUDGET/DELEGATION OF AUTHORITY COMPLIANCE**

This request for increase in the project contingency complies with authority levels of the Sanitation District’s Delegation of Authority. This item has been budgeted (FY2011-12 Update, Page A-7, Item 20), but the budget is insufficient for the recommended action. These funds will be offset by reductions within the CIP Budget.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
08/26/09	\$8,383,000	\$502,980 (6%)
02/23/11		\$335,320 (4%)
07/27/11		\$335,320 (4%)
04/25/12		\$502,980 (6%)
	Total Contingency	\$1,676,600 (20%)

JH:MD:dm:gc

# ADMINISTRATION COMMITTEE

## AGENDA REPORT

Meeting Date 04/11/12	To Bd. of Dir. 04/25/12
Item Number 2	Item Number 17

Orange County Sanitation District

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

**SUBJECT:** JDEDWARDS ENTERPRISE ONE UPGRADE SUPPORT

### GENERAL MANAGER'S RECOMMENDATION

- A. Approve purchase contracts with AMX International, Denovo Ventures, LLC, Xyon Business Solutions, Inc. for JDEdwards Enterprise One Upgrade Support, Specification No. CS-2011-516BD, for an aggregate amount not to exceed of \$200,000;
- B. Approve a contingency in the amount of \$20,000 (10%).

### SUMMARY

Orange County Sanitation District (OCSD) is presently upgrading its ERP system from JD Edwards (JDE) EnterpriseOne version Xe (on an AS400) to the latest 9.1 version (on Windows/SQL Server).

The project approach we have chosen is to augment internal resources with temporary JD Edwards EnterpriseOne expert resources on an as needed basis.

Based on the overall qualifications and expertise, staff recommends awarding a purchase contract to AMX International, Denovo Ventures, LLC, Xyon Business Solutions, Inc. for an aggregate amount not to exceed \$200,000 with a contingency amount of \$20,000. These top scoring firms identified during the RFP process will be qualified to provide services until the upgrade and post go-live support is complete.

### PRIOR COMMITTEE/BOARD ACTIONS

None.

### ADDITIONAL INFORMATION

On January 23, 2012, OCSD issued a Request for Proposal (RFP) and on February 22, 2012, 4 proposals were received from the following vendors:

- AMX International
- Denovo Ventures LLC
- Global Systems Integration, Inc.
- Xyon Business Solutions, Inc.

A panel consisting of 5 OCSD staff reviewed and ranked each of the proposals in accordance with Resolution No. OCSD 07-04, Section 5.07.

After preliminary assessment and following the technical proposal evaluations, the selection was narrowed down to 3 vendors. The proposal review panel ranked AMX International, Denovo Ventures, LLC, Xyon Business Solutions, Inc. as the most qualified firms.

Consultants with specializations in Human Capital Management and/or Procurement were not provided in the Global Systems Integration, Inc. (GSI) proposal as was done by the other proposers. GSI was not selected.

Staff recommends awarding the professional agreements to AMX International, Denovo Ventures, LLC, Xyon Business Solutions, Inc. in a not-to-exceed an aggregate amount of \$200,000.

**PROPOSAL EVALUATION TABLE**

EVALUATORS	PROPOSERS & SCORE			
	Xyon	AMX	Denovo	GSI
Reviewer A	775	776	773	573
Reviewer B	515	521	513	493
Reviewer C	900	891	828	583
Reviewer D	855	806	773	818
Reviewer E	700	696	688	658
<b>Overall Score</b>	<b>749</b>	<b>738</b>	<b>715</b>	<b>625</b>
<b>Ranking</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Hourly Fees*</b>	<b>\$125-160</b>	<b>\$130-160</b>	<b>\$150-\$160</b>	<b>\$140-175</b>

\* Hourly fees are exclusive of travel. Some proposer consultants are local and will not incur travel expenses. Internet conferencing will be used to avoid most travel expenses.

**CEQA**

N/A

**BUDGET / DELEGATION OF AUTHORITY COMPLIANCE**

This request complies with authority levels of the Orange County Sanitation District's Delegation of Authority. This item has been budgeted under 250.53252.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
04/25/12	\$200,000	\$20,000 (10%)