AGENDA SAN ELIJO JOINT POWERS AUTHORITY MONDAY MAY 14, 2012 AT 9:00 AM SAN ELIJO WATER RECLAMATION FACILITY – CONFERENCE ROOM 2695 MANCHESTER AVENUE CARDIFF BY THE SEA, CALIFORNIA

- 1. CALL TO ORDER
- 2. ROLL CALL
- 3. PLEDGE OF ALLEGIANCE
- 4. ORAL COMMUNICATIONS (NON-ACTION ITEM)
- 5. PRESENTATION OF AWARDS

Ravy Chea - 20 Years of Service

CWEA State Award: 2011 Small Plant of the Year

- 6. * CONSENT CALENDAR
- 7. * APPROVAL OF MINUTES FOR THE APRIL 9, 2012 MEETING
- 8. * <u>APPROVAL FOR PAYMENT OF WARRANTS AND MONTHLY INVESTMENT REPORTS</u>
- 9. * <u>SAN ELIJO WATER RECLAMATION FACILITY TREATED EFFLUENT FLOWS MONTHLY REPORT</u>
- 10. * <u>SAN ELIJO JOINT POWERS AUTHORITY RECYCLED WATER PROGRAM MONTHLY REPORT</u>
- 11. * ITEMS REMOVED FROM CONSENT CALENDAR

Items on the Consent Calendar are routine matters and there will be no discussion unless an item is removed from the Consent Calendar. Items removed by a "Request to Speak" form from the public will be handled immediately following adoption of the Consent Calendar. Items removed by a Board Member will be handled as **directed** by the Board.

REGULAR AGENDA

12. <u>PRE-ENGAGEMENT MEETING WITH SAN ELIJO JOINT POWERS AUTHORITY AUDITORS</u>

It is recommended that the Board of Directors:

Discuss and take action as appropriate.

Staff Reference: Director of Finance/Administration

13. SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2012-13 RECOMMENDED BUDGET UPDATE

It is recommended that the Board of Directors:

1. Discuss and take action as appropriate.

Staff Reference: Director of Finance/Administration

14. STATUS REPORT: WASTEWATER INFRASTRUCTURE CAPITAL PROJECTS

No action required. This memorandum is submitted for information only.

Staff Reference: General Manager

GENERAL MANAGER'S REPORT

Informational report by the General Manager on items not requiring Board action.

GENERAL COUNSEL'S REPORT

Informational report by the General Counsel on items not requiring Board action.

BOARD MEMBER COMMENTS

This item is placed on the agenda to allow individual Board Members to briefly convey information to the Board or public, or to request staff to place a matter on a future agenda and/or report back on any matter. There is no discussion or action taken on comments by Board Members.

18. CLOSED SESSION

A closed session will be held per Government Code Section 54957.6: Labor Negotiations and per Government Code Section 54957: Employee Performance Evaluation. Title: General Manager

A closed session may be held at any time during this meeting of the San Elijo Joint Powers Authority for the purposes of discussing potential or pending litigation or other appropriate matters pursuant to the "Ralph M. Brown Act".

19. ADJOURNMENT

The next regularly scheduled San Elijo Joint Powers Authority Board Meeting will be June 11, 2012 at 9:00 a.m.

NOTICE:

The San Elijo Joint Powers Authority's open and public meetings meet the protections and prohibitions contained in Section 202 of the Americans With Disabilities Act of 1990 (42 U.S.C Section 12132), and the federal rules and regulations adopted in implementation thereof. Any person with a disability who requires a modification or accommodation, including auxiliary aids or services, in order to participate in a public meeting of the SEJPA Board of Directors may request such modification or accommodation from Michael T. Thornton, General Manager, (760) 753-6203 ext. 72.

The agenda package and materials related to an agenda item submitted after the packet's distribution to the Board is available for public review in the lobby of the SEJPA Administrative Office during normal business hours. Agendas and minutes are available at www.sejpa.org. The SEJPA Board meetings are held on the second Monday of the month, except August.

AFFIDAVIT OF POSTING

I, Michael T. Thornton, Secretary of the San Elijo Joint Powers Authority, hereby certify that I posted, or have caused to be posted, a copy of the foregoing agenda in the following locations:

San Elijo Water Reclamation Facility, 2695 Manchester Avenue, Cardiff, California City of Encinitas, 505 South Vulcan Avenue, Encinitas, California City of Solana Beach, 635 South Highway 101, Solana Beach, California

The notice was posted at least 72 hours prior to the meeting, in accordance with Government Code Section 54954.2(a).

Date: May 9, 2012

Michael T. Thornton, P.E. Secretary / General Manager

SAN ELIJO JOINT POWERS AUTHORITY MINUTES OF THE BOARD MEETING HELD ON APRIL 9, 2012 AT THE

SAN ELIJO WATER RECLAMATION FACILITY

Teresa Barth, Chair

David Roberts, Vice Chair

A Meeting of the Board of Directors of the San Elijo Joint Powers Authority (SEJPA) was held Monday, April 9, 2012, at 9:00 a.m., at the San Elijo Water Reclamation Facility at 2695 Manchester Avenue, Cardiff by the Sea, California.

1. CALL TO ORDER

Chair Barth called the meeting to order at 9:00 a.m.

2. ROLL CALL

Directors Present:

Teresa Barth

Thomas M. Campbell

Mark Muir

David W. Roberts

Others Present:

General Manager

Director of Finance/Administration

Director of Operations

Administrative Assistant

Accounting Technician

Safety/HR Administrator

Michael Thornton

Greg Lewis

Christopher Trees

Monica Blake

Carrie Cook

Marisa Buckles

SEJPA Counsel:

Procopio, Cory, Hargreaves & Savitch

Greg Moser

City of Encinitas,

City Manager

Public Works Management Analyst

City of Solana Beach,

City Manager

City of Solana Beach,

Director of Engineering/Public Works

Gus Vina Bill Wilson

David Ott

Mohammad "Mo" Sammak

3. PLEDGE OF ALLEGIANCE

Gus Vina led the Pledge of Allegiance.

4. ORAL COMMUNICATIONS

None

PRESENTATION OF AWARDS

None

CONSENT CALENDAR

Moved by Board Member Muir and seconded by Vice Chair Roberts to approve the Consent Calendar with unanimous vote of approval.

Consent Calendar:

Agenda Item No. 7 Approval of Minutes for the March 12, 2012 meeting

Agenda Item No. 8 Approval for Payment of Warrants and Monthly

Investment Report

Agenda Item No. 9 San Elijo Water Reclamation Facility Treated Effluent

Flows - Monthly Report

Agenda Item No. 10 San Elijo Joint Powers Authority Recycled Water Program

- Monthly Report

11. ITEMS REMOVED FROM CONSENT CALENDAR

None

12. PRESENTATION OF THE SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2012-13 RECOMMENDED BUDGET

The Director of Finance/Administration provided a PowerPoint presentation on the Fiscal Year (FY) 2012-13 Recommended Budget and answered questions from the Board of Directors. The total recommended FY 2012-13 budget for the Wastewater Treatment Fund, which includes operations and debt service, is \$5,374,877, a 4.7 percent decrease from the previous year. Revenues to support the Wastewater Treatment Fund come from the users of the provided services including the Member Agencies, Rancho Santa Fe Community Service Districts and Escondido. The total recommended FY 2012-13 operating budget for the Water Reclamation Fund, which includes operations and debt service, is \$1,957,028, a 7.2 percent increase from the previous year. The increase is attributable to new debt issued for the Advanced Water Treatment Project. Water Reclamation Fund revenues come from the sale of recycled water. The FY 2012-13 appropriation for the Capital Project fund is \$1,032,000, up from \$942,000 and is funded based on ownership or leased capacity of the facilities being improved or constructed.

It was reported that the total cost to the Member Agencies of the FY 2012-13 recommended budget for all programs funded including capital improvements and debt service will decrease from a year ago. The City of Encinitas will see a reduction of cost of 6.9 percent, while the City of Solana Beach will see a reduction of 3.4 percent.

The Director of Finance/Administration stated that on the basis of 15,992 connected equivalent dwelling units (EDU's) through December 2011, the services provided to the Member Agencies by the SEJPA for wastewater treatment and disposal will cost an average of \$153.14 per EDU. This represents a decrease of 4.7 percent from a year ago.

It was recommended that the Board of Directors take the Recommended Budget to their respective Councils for further discussion and support. The budget will then be discussed at the next scheduled Board meeting.

This was an informational report not requiring Board action.

13. FINAL ARBITRAGE REPORT ON THE REFUNDED 2003 REVENUE BONDS

The Director of Finance/Administration reported that the final step in refunding the 2003 Bonds is to complete the federal arbitrage report to ensure the tax exempt status of the bonds is not compromised by excess earnings on the reserve account during the life of the bonds. When the bonds were originally issued, the arbitrage yield was calculated to be 3.847 percent, and the reserves cannot earn more than that during the life of the bonds.

The Director of Finance/Administration stated that during the refunding process, the SEJPA negotiated a settlement with the reserve account investor, Wells Fargo Bank, to end the forward purchase agreement that the bond reserves were invested in. Since the yield on the investment instrument was above current market rates, Wells Fargo was willing to pay a premium to terminate the contract. This premium is considered interest earnings for the purpose of arbitrage and is added to the earnings of the reserve over its life. This caused the reserve to earn in excess of the arbitrage yield for the period 2003 through 2011. The final arbitrage report requires earnings in excess of the arbitrage yield be relinquished to the Internal Revenue Service to maintain the tax exempt status of the bonds. The final arbitrage report was completed by Willdan Financial Service in March 2012 and the report concluded that the SEJPA reserve fund earnings exceeded the arbitrage yield calculation by \$158,838.86.

The Director of Finance/Administration stated that the amount due the Internal Revenue Service has no impact on the SEJPA or Member Agencies' budgets since the rebate is taken from the proceeds paid by Wells Fargo Bank during the refunding process.

Moved by Board Member Muir and seconded by Board Member Campbell to:

1. Authorize the General Manager to submit form 8038-T to the Internal Revenue Service along with the \$158,838.86 payment due.

Motion carried with unanimous vote of approval.

14. PARTNERSHIP WITH OLIVENHAIN MUNICIPAL WATER DISTRICT (OMWD) REGARDING LOCAL WATER SUPPLY DEVELOPMENT

The General Manager stated that as part of the North San Diego County Cooperative Demineralization Project, OMWD is studying the feasibility of a brackish water purification project known as the San Elijo Valley Groundwater Project (SEVGP). To determine the water quality and quantity in a deep aquifer beneath the San Elijo Lagoon, a test well needs to be constructed and a three-day pump test performed. OMWD contacted the SEJPA to inquire if treatment and disposal of the water extracted from the three-day test could be provided. SEJPA staff has evaluated this request and is in favor of approving it. The General Manager reported that OMWD will provide full cost recovery to the SEJPA for the treatment and disposal of the test water. Therefore, this is a cost neutral project to the SEJPA.

Moved by Board Member Muir and seconded by Chair Barth to:

 Authorize the General Manager to enter into Agreement with the Olivenhain Municipal Water District for the conveyance, treatment, and recycling or disposal of test water associated with the proposed San Elijo Valley Groundwater Project.

Motion carried with unanimous vote of approval.

15. GENERAL MANAGER'S REPORT

The General Manager reported that on March 15th he made a presentation to the San Diego Regional Chapter of WateReuse on the San Elijo Advanced Water Treatment Project. The presentation focused on the proactive approach of the SEJPA to address water quality concerns, being innovative in the capture and treatment of urban runoff, and the SEJPA's success in securing grant funding and low-interest financing. The General Manager stated that the City of San Diego presented on their first single-family residence use of recycled water for landscaping, which will likely pave the way for more recycled water use in this application.

The General Manager stated that he spoke at the 6th Annual World Water Day Festival at the Agua Hedionda Lagoon Discovery Center. His presentation focused on what recycled water is and how it benefits our community, which provided an opportunity to highlight the SEJPA's recycled water program.

GENERAL COUNSEL'S REPORT

General Counsel Greg Moser stated that Cal-LAFCO's interest in the regulation of joint powers authorities did not make their list of legislative priorities. Also, the California Fair Political Practices Commission (FPPC) adopted changes to its regulations so that boards voting on committee appointments do not create conflicts of interest.

17. BOARD MEMBER COMMENTS

None

18. <u>CLOSED SESSION</u>

The Board of Directors adjourned to closed session at 10:07 a.m., with Labor Negotiators Michael Thornton and Greg Lewis, per Government Code Section 54957.6: Labor Negotiations.

19. ADJOURNMENT

The Board of Directors came out of closed session at 10:22 a.m. with no reportable action and adjourned at 10:23 a.m. The next Board of Directors meeting will be held on May 14, 2012.

Respectfully submitted,

Michael T. Thornton, P.E.

General Manager

PAYMENT OF WARRANTS 12-05 3-May-12

VENDOR	DESCRIPTION OF EXPENSE	AMOUNT
12-05 Warrants		
AG Tech, LLC	Piccolide houling March	# 0.050.00
AT&T	Biosolids hauling - March Alarm service	\$9,953.08
AT&T	Phone service - 02/13/12 - 03/13/12	\$380.14
AT&T - Eden Garden	DSL - 02/20/12 - 03/19/12	\$380.27
AT&T - Olivenhain	DSL - 03/10/12 - 04/09/12	\$73.23 \$73.76
Abcana Industries	Hydrochloric acid - plant	\$72.76
Affordable Pipeline Services	Line cleaning - Olivenhain P. S.	\$439.39
American Backflow Prevention	Membership - M. Piper	\$1,020.00 \$75.00
Applied Industrial Technologies	Repair parts - boiler pump - plant	\$75.00 \$56.01
Aquatic Bioassay	Lab testing - lab	
Arrowhead	Kitchen and lab supplies	\$960.00
Atlas Pumping Service	Grease and scum pumping - April	\$240.59 \$554.88
Atlas Pumping Service	Grease and scum pumping - March	\$554.88
Atlas Pumping Service	Grit and screening	\$742.35
BankCard Center	Meeting, licenses, repair parts, and seminar	\$2,238.61
Barracuda Networks, Inc.	Network - back-up servers - April	\$50.00
Bavco	Valve test kit - water reclamation	\$1,034.40
Bee Friendly	Bee removal - water reclamation	\$640.00
Blake, Monica	Expense report - mileage	\$29.37
Buckles, Marisa	Expense report - employee meeting	\$54.51
CWEA	Membership - K. Regnier	\$132.00
Cal State Compliance	Consulting services - water reclamation	\$2,500.00
Calscience Environmental Lab	Lab testing - lab and water reclamation	\$380.00
Coast Waste Management, Inc.	Roll-off rental	\$40.00
Complete Office	Office supplies - April	\$152.02
Corodata	Record storage - March	\$81.88
Custom Awning & Canvas	Restore two awnings - plant	\$665.00
Del Mar Blue Print	Printing maps for Fletcher Cove P. S.	\$26.94
EDCO Waste & Recycling	Trash service - March	\$187.77
Eaton Corporation		
Gate Masters Inc.	Soft start controlling pump - water reclamation	\$8,870.00
Golden State Overnight	Front gate repair - plant	\$110.00
Grainger, Inc.	Mailing monthly and quarterly regulatory reports	\$38.00
Guardian	Liquid flow meter - plant and all pump stations	\$198.26
Hardy Diagnostics	Dental - April	\$1,348.06
Health and Human Resource	Lab supplies - outfall and water reclamation EAP - April	\$409.74
Home Depot Credit Services		\$351.12
Hydroscape Products, Inc.	Gnatcatcher noise protection project - plant	\$786.10
IRS	Landscape plumbing parts - plant	\$65.33
Jani-King	2003 refunding revenue bonds - Arbitrage Rebate	\$158,838.86
	Janitorial service - April	\$882.64
Kennedy / Jenks Consultants Konica	Recycled water demineralization project	\$40,300.73
Larsen, Casey	Monthly copier maintenance	\$115.53
	Expense report - communications devices - water rec.	\$210.45
Lewis, Greg	Expense report - transponder alarm system - water rec.	\$80.91
Lewis, Greg	Expense report - portable generator, office supplies - plant	\$1,339.78

PAYMENT OF WARRANTS 12-05 3-May-12

Expense report - safety switch - plant	VENDOR	DESCRIPTION OF EXPENSE	AMOUNT
Marine Taxonomic Services Offshore monitoring - outfall - April \$74.0 0.0 McMaster-Carr Supply Co. Plumbing parts - plant \$87.52 McMaster-Carr Supply Co. Plumbing parts - plant \$198.82 Medlin & Associates, Inc. Gnatcatcher - noise mitigation monitoring - plant \$8,493.00 Medlin & Associates, Inc. Gnatcatcher - noise mitigation monitoring - plant \$1,239.00 MegaPath Inc. T-1 service - April \$278.13 OMWD Manchester - 02/08/12 - 03/07/12 \$45.48 PERS - Retirement Retirement premium - 04/20/12 \$15,267.48 Persor, Service Papeline Supply Shop and field supply - water reclamation \$349.11 Pacific Pipeline Supply Shop and field supply - Water reclamation \$349.11 Pacific Pipeline Supply Reparl part, shop and field supply - Plant \$40.09 Pacific Safety Council First aid, AED, and CPR training \$750.00 <td< td=""><td>Lewis, Greg</td><td>Expense report - safety switch - plant</td><td>\$632.66</td></td<>	Lewis, Greg	Expense report - safety switch - plant	\$632.66
McMaster-Carr Supply Co. Plumbing parts - plant \$87.52 McMaster-Carr Supply Co. Plumbing parts - plant \$198.82 McMaster-Carr Supply Co. Plumbing parts - Cardiff P. S. \$172.55 Medlin & Associates, Inc. Gnateatcher - noise mitigation monitoring - plant \$8,493.00 MegaPath Inc. T-1 service - April \$278.13 OMWD Manchester - 02/08/12 - 03/07/12 \$45.48 PERS - Retirement Retirement premium - 04/06/12 \$15,257.48 PERS - Retirement Retirement premium - 04/20/12 \$15,394.55 Pacific Pipeline Supply Shop and field supply - water reclamation \$349.11 Pacific Pipeline Supply Shop and field supply - Olivenhain P. S. \$121.76 Pacific Pipeline Supply Repair part, shop and field supply - plant \$408.92 Pacific Pipeline Supply Repair part, shop and field supply - plant \$408.92 Pacific Pipeline Supply Repair part - plant \$625.00 Pelty Cash Replenish petty cash \$180.00 Piper, Michael Experies report - cell phone repair \$35.00 Polydyne Inc. Clarifice @ WE-007 - plant <td>Lowell Corporation</td> <td>Plumbing parts - digester - plant</td> <td>\$554.82</td>	Lowell Corporation	Plumbing parts - digester - plant	\$554.82
McMaster-Carr Supply Co. Plumbing parts - plant \$198.82 McMaster-Carr Supply Co. Plumbing parts - Cardiff P. S. \$172.55 Medlin & Associates, Inc. Gnateatcher - noise mitigation monitoring - plant \$8,493.00 MegaPath Inc. T-1 service - April \$278.13 OMWD Manchester - 02/08/12 - 03/07/12 \$45.48 PERS - Retirement Retirement premium - 04/06/12 \$15,257.48 PERS - Retirement Retirement premium - 04/06/12 \$15,394.55 Pacific Pipeline Supply Shop and field supply - water reclamation \$349.11 Pacific Pipeline Supply Ropa part, shop and field supply - plant \$408.92 Pacific Pipeline Supply Repair part, shop and field supply - plant \$408.92 Pacific Safety Council First aid, AED, and CPR training \$750.00 Palomar Backflow Inc. Repair parts - plant \$625.00 Petty Cash Replenish petty cash \$168.09 Piper, Michael Expense report - cell phone repair \$35.00 Polydyne Inc. Clarifice @ WE-007 - plant \$2,602.16 Proferred Benefits Insurance April \$315.16<	Marine Taxonomic Services	Offshore monitoring - outfall - April	\$740.00
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OMWD Manchester - 02/08/12 - 03/07/12 \$45.48 PERS - Retirement Retirement premium - 04/06/12 \$15,257.48 PERS - Retirement Retirement premium - 04/06/12 \$15,394.55 Pacific Pipeline Supply Shop and field supply - water reclamation \$349.11 Pacific Pipeline Supply Shop and field supply - Olivenhain P. S. \$121.75 Pacific Pipeline Supply Repair part, shop and field supply - plant \$408.92 Pacific Safety Council First aid, AED, and CPR training \$750.00 Palomar Backflow Inc. Repair part, shop and field supply - plant \$625.00 Petty Cash Replenish petty cash \$168.09 Piper, Michael Expense report - cell phone repair \$35.00 Polydyne Inc. Clarifloc ® WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc ® WE-007 - plant \$315.16 Preferred Benefits Insurance Vision insurance - April \$315.16 Probuild Repair, shop and field supplies - March \$105.02 Rospin, Cory, Hargreaves General legal services - March \$3,263.25 RSIS, Inc. Calibrate equipment for permit compliance	Medlin & Associates, Inc.	Gnatcatcher - noise mitigation monitoring - plant	\$1,239.00
PERS - Retirement Retirement premium - 04/06/12 \$15,257.48 PERS - Retirement Retirement premium - 04/20/12 \$15,394.55 PERS - Retirement premium - 04/20/12 \$15,394.55 Pacific Pipeline Supply Shop and field supply - Valuet reclamation \$349.11 Pacific Pipeline Supply Repair part, shop and field supply - Divenhain P. S. \$121.76 Pacific Pipeline Supply Repair part, shop and field supply - plant \$408.92 Pacific Safety Council First aid, AED, and CPR training \$750.00 Palomar Backflow Inc. Replenish petty cash Replenish petty cash Piper, Michael Expense report - cell phone repair \$35.00 Polydyne Inc. Clarifloc @ WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc @ WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc @ WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc @ WE-007 - plant \$315.16 Propopio, Cory, Hargreaves General legal services - March \$30.25 Procopio, Cory, Hargreaves General legal services - March \$32.20 Procopio, Cory, Hargreaves General legal services - March \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$1,892.00 Procopio, Cory, Hargreaves General legal services - March \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$3.263.25 PRSI	MegaPath Inc.	T-1 service - April	\$278.13
PERS - Retirement Retirement premium - 04/20/12 \$15,394.55 Pacific Pipeline Supply Shop and field supply - water reclamation \$349.11 Pacific Pipeline Supply Repair part, shop and field supply - plant \$408.92 Pacific Safety Council First aid, AED, and CPR training \$750.00 Palomar Backflow Inc. Repair part, shop and field supply - plant \$408.92 Pacific Safety Council First aid, AED, and CPR training \$750.00 Petty Cash Replenish petty cash \$168.09 Piper, Michael Expense report - cell phone repair \$35.00 Polydyne Inc. Clarifloc ® WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc ® WE-007 - plant \$7,806.49 Preferred Benefits Insurance Vision insurance - April \$315.16 Procopio, Cory, Hargreaves Repair, shop and field supplies - March \$3,263.25 RSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$1,892.00 RT. Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Gent, Inc. Rain For Gent, Inc. Rain For Gent	OMWD	Manchester - 02/08/12 - 03/07/12	\$45.48
Pacific Pipeline Supply Pacific Pipeline Supply Pacific Pipeline Supply Shop and field supply - Oliverhain P. S. \$121.76 Pacific Pipeline Supply Pacific Pipeline Supply Pacific Safety Council Pirst aid, AED, and CPR training Pacific Safety Council Pirst aid, AED, and CPR training Pacific Safety Council Palomar Backflow Inc. Petty Cash Replani parts - plant Piper, Michael Piper, Michael Expense report - cell phone repair Polydyne Inc. Clarifloc ® WE-007 - plant Polydyne Inc. Clarifloc ® WE-007 - plant Preferred Benefits Insurance Preferred Benefits Insurance Probuild Probuild Repair, shop and field supplies - March Probuild Repair part - villes Probuild Repair part	PERS - Retirement	Retirement premium - 04/06/12	\$15,257.48
Pacific Pipeline Supply Pacific Pipeline Supply Pacific Pipeline Supply Pacific Pipeline Supply Pacific Safety Council Pacific Safety Council Palomar Backflow Inc. Petty Cash Petty Cash Piper, Michael Polydyne Inc. Polydyne Inc. Clarifloc ® WE-007 - plant Preferred Benefits Insurance Probuild Repair, shop and field supply - plant \$35.00 Polydyne Inc. Clarifloc ® WE-007 - plant Preferred Benefits Insurance Probuild Repair, shop and field supplies - March Preferred Benefits Insurance Probuild Repair, shop and field supplies - March Procopio, Corry, Hargreaves RSIS, Inc. Calibrate equipment for permit compliance − all P. S. \$1,892.00 RT Corporation Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$42,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$4,797.22 Rising Tide Partners Consulting services Rockwell Engineering Vaughan horizontal chopper pump - plant San Diego Gas and Electric San Diego Gas and Electric San Diego Gas and Electric San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San	PERS - Retirement	Retirement premium - 04/20/12	\$15,394.55
Pacific Pipeline Supply Pacific Safety Council Prist aid, AED, and CPR training S750.00 Palomar Backflow Inc. Petty Cash Piper, Michael Polydyne Inc. Polydyne Inc. Clarifloc ® WE-007 - plant Preferred Benefits Insurance Probuild Procopio, Cory, Hargreaves Replains and Field supplies - March Replains equipment for permit compliance - all P. S. Rain For Rent, Inc. R	Pacific Pipeline Supply	Shop and field supply - water reclamation	\$349.11
Pacific Safety Council Palomar Backflow Inc. Petty Cash Petty Cash Piper, Michael Polydyne Inc. Polydyne Inc. Clarifloc ® WE-007 - plant Polydyne Inc. Clarifloc ® WE-007 - plant Polydyne Inc. Polydyne Inc. Clarifloc ® WE-007 - plant Preferred Benefits Insurance Probuild Procopio, Cory, Hargreaves Repair, shop and field supplies - March Procopio, Cory, Hargreaves RSIS, Inc. Calibrate equipment for permit compliance - all P. S. RSIS, Inc. Calibrate equipment for permit compliance - all P. S. RSIS, Inc. Calibrate equipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. Calibrate acquipment for permit compliance - all P. S. RSIS, Inc. RT Corporation Lab supplies - lab, water reclamation, and outfall San For Rent, Inc. Equipment rental - Olivenhain P. S. Salada Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Salada P. S. Salada Rain For Rent, Inc. Casa and Electric Gas and electric - 02/06/12 - 03/07/12 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester Pol/23/12 - 03/26/12 San Dieguito Water District Manchester Pol/23/12 - 03/2	Pacific Pipeline Supply	Shop and field supply - Olivenhain P. S.	\$121.76
Pacific Safety Council Palomar Backflow Inc. Repair parts - plant Se25.00 Petty Cash Replenish petty cash Se25.00 Piper, Michael Expense report - cell phone repair Se35.00 Polydyne Inc. Clarifloc ® WE-007 - plant Polydyne Inc. Clarifloc ® WE-007 - plant Se35.00 Polydyne Inc. Clarifloc ® WE-007 - plant Se35.00 Polydyne Inc. Clarifloc ® WE-007 - plant Se36.49 Preferred Benefits Insurance Probuild Repair, shop and field supplies - March Probuild Repair, shop and field supplies - March Se36.49 Procopio, Cory, Hargreaves Reperal legal services - March Repair, shop and field supplies - all P. S. RSIS, Inc. Calibrate equipment for permit compliance - all P. S. Se36.25 RSIS, Inc. Calibrate equipment for permit compliance - all P. S. Se36.26 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Se36.80 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Se36.80 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Se36.80 Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. Se36.80 Rockwell Engineering Vaughan horizontal chopper pump - Polant Sean Diego Gas and Electric Gas and electric - 03/06/12 - 03/07/12 Sean Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff Sean Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley Sean Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 Sean Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 S	Pacific Pipeline Supply	Repair part, shop and field supply - plant	\$408.92
Petty Cash Piper, Michael Piper, Michael Piper, Michael Polydyne Inc. Clarifloc ® WE-007 - plant Polydyne Inc. Clarifloc ® WE-007 - plant Procupio, Cory, Hargreaves Pereired Benefits Insurance Probuild Procopio, Cory, Hargreaves Pasi, shop and field supplies - March Pasi, Inc. Pasi, Inc. Calibrate equipment for permit compliance - all P. S. S18, Inc. Calibrate equipment for permit compliance - all P. S. S18, S18, Inc. Procopio, Cory, Hargreaves Pasi, Inc. Procopio, Cory, Hargreaves Pasi, Inc. Calibrate equipment for permit compliance - all P. S. S18, S19, Inc. Procopio, Cory, Hargreaves Pasi, Inc. Calibrate equipment for permit compliance - all P. S. S1, S92, 200 RT Corporation Pasi, Inc. Pasing For Rent, Inc. Paupment rental - Olivenhain P. S. Pasing Fide Partners Pasi, Pasi		First aid, AED, and CPR training	\$750.00
Piper, Michael Expense report - cell phone repair \$35.00 Polydyne Inc. Clarifloc ® WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc ® WE-007 - plant \$7,806.49 Preferred Benefits Insurance Vision insurance - April \$315.16 Probuild Repair, shop and field supplies - March \$105.02 Procopio,Cory,Hargreaves General legal services - March \$3,263.25 RSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$1,892.00 RT Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$4,797.22 Rising Tide Partners Consulting services Rockwell Engineering Vaughan horizontal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley \$1,726.39 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$377.12 San Dieguito	Palomar Backflow Inc.	Repair parts - plant	\$625.00
Polydyne Inc. Clarifloc ® WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc ® WE-007 - plant \$7,806.49 Preferred Benefits Insurance Vision insurance - April \$315.16 Probuild Repair, shop and field supplies - March \$105.02 Procopio, Cory, Hargreaves General legal services - March \$3,263.25 RSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$1,892.00 RT Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Vallley \$1,726.39 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$172.10 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$2,985.90 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Scast Highway 101 - 01/23/12 - 03/26/12 \$2,985.90 San Dieguito Water District Fee for meter installation - water reclamation \$330.00 Safety vest for emergency re	Petty Cash	Replenish petty cash	\$168.09
Polydyne Inc. Clarifloc ® WE-007 - plant \$2,602.16 Polydyne Inc. Clarifloc ® WE-007 - plant \$7,806.49 Preferred Benefits Insurance Vision insurance - April \$315.16 Probuild Repair, shop and field supplies - March \$105.02 Procopio,Cory,Hargreaves General legal services - March \$3,263.25 RSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$1,892.00 RT Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Vallley \$1,726.39 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$172.10 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/26/12 \$387.36 San Dieguito Water District Scast Highway 101 - 01/23/12 - 03/26/12 \$2,985.90 San Dieguito Water District Fee for meter installation - water reclamation \$330.00 San Elijo Payroll Accou	Piper, Michael	Expense report - cell phone repair	\$35.00
Polydyne Inc. Preferred Benefits Insurance Preferred Benefits Insurance Probuild Procopio, Cory, Hargreaves Repair, shop and field supplies - March Procopio, Cory, Hargreaves RSIS, Inc. Calibrate equipment for permit compliance - all P. S. RSIS, Inc. Calibrate equipment for permit compliance - all P. S. RSIS, Inc. RT Corporation Lab supplies - lab, water reclamation, and outfall Requipment rental - Olivenhain P. S. Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Rsising Tide Partners Consulting services Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. Rockwell Engineering Vaughan horizontal chopper pump - plant San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff San Diegoito Water District San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Dieguito Water District San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Diegu		Clarifloc ® WE-007 - plant	\$2,602.16
Probuild Repair, shop and field supplies - March \$105.02 Procopio, Cory, Hargreaves General legal services - March \$3,263.25 RSIS, Inc. Calibrate equipment for permit compliance - all P. S. \$1,892.00 RT Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$4,797.22 Rising Tide Partners Consulting services Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley \$1,726.39 San Dieguito Water District Gas and electric - 03/08/12 - 03/27/12 \$198.65 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 \$142.57 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District S. Coast Highway 101 - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District S. Coast Highway 101 - 01/23/12 - 03/26/12 \$41.89 San Dieguito Water District S. Coast Highway 101 - 01/23/12 - 03/26/12 \$75,426.61 San Elijo Payroll Account Payroll - 04/20/12 \$75,426.61 San Elijo Payroll Account Payroll - 04/20/12 \$75,426.61	Polydyne Inc.	Clarifloc ® WE-007 - plant	\$7,806.49
Procopio, Cory, Hargreaves RSIS, Inc. Calibrate equipment for permit compliance – all P. S. \$1,892.00 RT Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$4,797.22 Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Dieguito Wa	Preferred Benefits Insurance	Vision insurance - April	\$315.16
RSIS, Inc. Calibrate equipment for permit compliance – all P. S. RT Corporation Lab supplies - lab, water reclamation, and outfall \$863.60 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$4,797.22 Rising Tide Partners Consulting services Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley San Dieguito Water District San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Dieguito Water Dis	Probuild	Repair, shop and field supplies - March	\$105.02
RT Corporation Rain For Rent, Inc. Equipment rental - Olivenhain P. S. S2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. S2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. S4,797.22 Rising Tide Partners Consulting services Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. S12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley S1,726.39 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Dieguito Water	Procopio, Cory, Hargreaves	General legal services - March	\$3,263.25
RT Corporation Rain For Rent, Inc. Equipment rental - Olivenhain P. S. S2,840.83 Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Rain For Rent, Inc. Equipment rental - Olivenhain P. S. Rising Tide Partners Consulting services Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. Rockwell Engineering Vaughan horizontal chopper pump - plant San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff S1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley San Dieguito Water District San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District	RSIS, Inc.	Calibrate equipment for permit compliance - all P. S.	\$1,892.00
Rain For Rent, Inc. Equipment rental - Olivenhain P. S. \$4,797.22 Rising Tide Partners Consulting services \$282.00 Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley \$1,726.39 San Dieguito Water District 2710 Manchester - 01/23/12 - 03/26/12 \$198.65 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 \$142.57 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District S. Coast Highway 101 - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District Fee for meter installation - water reclamation \$330.00 San Elijo Payroll Account Payroll - 04/06/12 \$75,426.61 San Elijo Payroll Account Payroll - 04/20/12 \$76,641.71 Safetyline, Inc. Safety vest for emergency response team	RT Corporation	Lab supplies - lab, water reclamation, and outfall	\$863.60
Rising Tide Partners Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley \$1,726.39 San Dieguito Water District San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$387.36 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$3172.10 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$3172.10 San Dieguito Water District San Dieguito Water D	Rain For Rent, Inc.	Equipment rental - Olivenhain P. S.	\$2,840.83
Rockwell Engineering Vaughan pedestal chopper pump - Solana Beach P. S. \$12,127.51 Rockwell Engineering Vaughan horizontal chopper pump - plant \$9,849.13 San Diego Gas and Electric Gas and electric - 02/06/12 - 03/07/12 \$32,417.01 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Cardiff \$1,262.48 San Diego Gas and Electric Gas and electric - 03/08/12 - 04/06/12 - Valley \$1,726.39 San Dieguito Water District 2710 Manchester - 01/23/12 - 03/26/12 \$198.65 San Dieguito Water District Manchester RWM 1 - 02/29/12 - 03/27/12 \$104.91 San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 \$142.57 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 \$387.36 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$2,985.90 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 \$208.13 San Dieguito Water District S. Coast Highway 101 - 01/23/12 - 03/26/12 \$41.89 San Dieguito Water District Fee for meter installation - water reclamation \$330.00 San Elijo Payroll Account Payroll - 04/06/12 \$75,426.61 San Elijo Payroll Account Payroll - 04/20/12 \$76,641.71 Safetyline, Inc.	Rain For Rent, Inc.	Equipment rental - Olivenhain P. S.	\$4,797.22
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San Dieguito Water District San Dieguito Water District Manchester RWM 4 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 5 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester RWM 6 - 02/29/12 - 03/27/12 San Dieguito Water District Manchester - 01/23/12 - 03/26/12 San Dieguito Water District San Elijo Payroll Account San Elijo Payroll Account Payroll - 04/06/12 Safetyline, Inc. Safety vest for emergency response team \$142.57 \$387.36 \$387.36 \$2,985.90 \$172.10 \$2,985.90 \$172.10 \$2,985.90 \$172.10 \$2,985.90 \$172.10 \$2,985.90 \$208.13 \$208.13 \$30.00 \$300.00 \$30	San Dieguito Water District	2710 Manchester - 01/23/12 - 03/26/12	\$198.65
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PAYMENT OF WARRANTS 12-05 3-May-12

DESCRIPTION OF EXPENSE	AMOUNT
Valley - 02/29/12 - 03/28/12	\$72.55
Office supplies	\$25.90
Electrical Upgrades Capital Project - March	\$253,155.15
Cellular phone service - February and March	\$579.44
Plumbing parts - plant	\$462.06
Pest control - March	\$81.00
Expense report - WateReuse Conference	\$672.16
Consulting svcs. for treatment improvement	\$6,864.00
Safety supplies and repair parts - plant	\$447.97
Dig alert - March	\$48.00
Uniform service - March	\$87.09
Uniform service - April	\$398.12
Lab supplies - lab, plant, and outfall	\$1,114.24
Sludge tractor repair	\$150.00
Plumbing supplies - water reclamation	\$2,380.89
Fuel - March	\$1,168.00
Total 12-05 Warrants	\$790,691.44
	Valley - 02/29/12 - 03/28/12 Office supplies Electrical Upgrades Capital Project - March Cellular phone service - February and March Plumbing parts - plant Pest control - March Expense report - WateReuse Conference Consulting svcs. for treatment improvement Safety supplies and repair parts - plant Dig alert - March Uniform service - March Uniform service - April Lab supplies - lab, plant, and outfall Sludge tractor repair Plumbing supplies - water reclamation Fuel - March

SAN ELIJO JOINT POWERS AUTHORITY

PAYMENT OF WARRANTS SUMMARY

3-May-12

PAYMENT OF WARRANTS Reference Number

12-05

\$790,691.44

I hereby certify that the demands listed and covered by warrants are correct and just to the best of my knowledge, and that the money is available in the proper funds to pay these demands. The cash flows of the SEJPA, including the Member Agency commitment in their operating budgets to support the operations of the SEJPA, are expected to be adequate to meet the SEJPA's obligations over the next six months. I also certify that the SEJPA's investment portfolio complies with the SEJPA's investment policy.

Gregory Lewis

Director of Finance/Administration

Trèasurer

STATEMENT OF FUNDS AVAILABLE FOR PAYMENT OF WARRANTS AND INVESTMENT INFORMATION AS OF

3-May-12

FUNDS ON DEPOSIT WITH	AMOUNT	
LOCAL AGENCY INVESTMENT FUND (MARCH 2012 YIELD 0.383%)		
SELF INSURANCE RESERVE RESTRICTED SRF RESERVE UNRESTRICTED DEPOSITS ADVANCED WATER TREATMENT LOAN PROCEEDS	\$ 300,000.0 \$ 630,000.0 \$ 6,323,832.7 \$ 2,000,000.0	0
CALIFORNIA BANK AND TRUST (MARCH 2012 YIELD 0.05%)		
REGULAR CHECKING PAYROLL CHECKING	\$ 54,729.24 \$ 5,000.00	
TOTAL RESOURCES	\$ 9,313,561.9	5

May 14, 2012

TO:

Board of Directors

San Elijo Joint Powers Authority

FROM:

General Manager

SUBJECT:

SAN ELIJO WATER RECLAMATION FACILITY TREATED EFFLUENT FLOWS -

MONTHLY REPORT

RECOMMENDATION

No action required. This memorandum is submitted for information only.

DISCUSSION

Monthly Treatment Plant Performance and Evaluation

Wastewater treatment for the San Elijo Joint Powers Authority (SEJPA) met all NPDES ocean effluent limitation requirements for the month of March 2012. The primary indicators of treatment performance include the removal of Carbonaceous Biochemical Oxygen Demand (CBOD) and Total Suspended Solids (TSS). The SEJPA is required to remove a minimum of 85 percent of the CBOD and TSS from the wastewater. Treatment levels for CBOD and TSS were 97.9 percent and 96.1 percent, respectively, for March (as shown in Figure 1 and Figure 2).

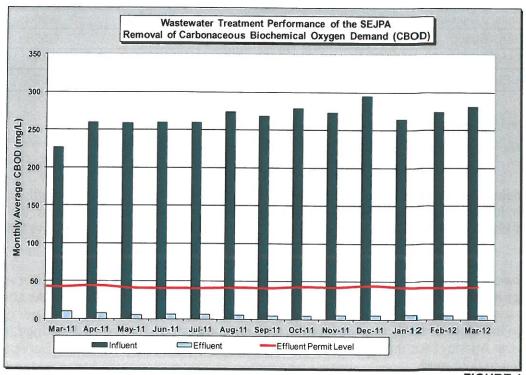


FIGURE 1

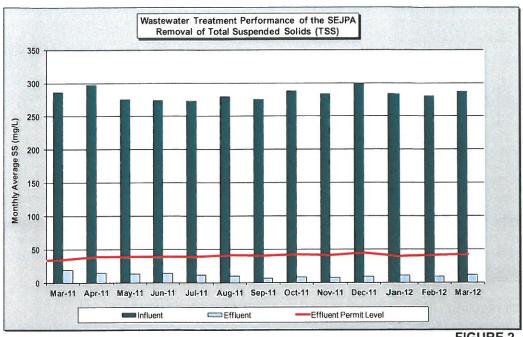


FIGURE 2

Member Agency Flows

Presented below are the influent and effluent flows for the month of March. Average daily influent flows were recorded for each Member Agency. Total effluent flow was recorded for the San Elijo Water Reclamation Facility.

Advantation in this leaves of the country of the	Mar	ch de la companya de
	Influent (mgd)	Effluent (mgd)*
Cardiff Sanitary Division	1.313	0.968
City of Solana Beach	1.255	0.925
Rancho Santa Fe SID	0.153	0.113
Total San Elijo WRF Flow	2.721	2.006

Notes: As of July 1995, Rancho Santa Fe Community Services District (CSD) combined SID #2 and SID #3 into one Sewer Improvement District (SID).

Table 1 (below) presents the historical average, maximum, and unit influent and effluent flow rates per month for each of the Member Agencies since July 2008. It also presents the number of connected Equivalent Dwelling Units (EDUs) for each of the Member Agencies during this same time period.

Figure 3 (below) presents the historical average daily flows per month for each Member Agency. This is to provide a historical overview of the average treated flow by each agency. As shown in the figure, the average treated flow typically ranges between 2.9 and 3.1 million gallons per day (mgd). Also shown in Figure 3 is the total wastewater treatment capacity of the plant, 5.25 mgd, of which each Member Agency has the right to 2.5 mgd, and Rancho Santa Fe Community Service District has the right to 0.25 mgd.

^{*} Effluent is calculated by subtracting the recycled water production from the influent wastewater.

SAN ELIJO WATER RECLAMATION FACILITY MONTHLY REPORT - FLOWS AND EDUS

Code	(2011)		TICH CHIC		AVERAGE	AVERAGE UNIT INFLUENT FLOW RATE	EN FLO	1
PLANI CSD RSFCSD SB PLANI CDD 4 3.168 0.722 0.055 0.558 1.335 8.165 3 3.170 0.6608 0.048 0.577 1.233 8.165 9 2.908 0.671 0.059 0.724 1.601 8.167 9 2.908 0.671 0.059 0.724 1.233 8.165 9 2.908 0.671 0.059 0.590 1.214 8.147 2 3.048 0.671 0.057 2.489 8.177 2 3.074 1.256 0.116 1.717 2.489 8.177 4 3.074 1.608 0.084 0.950 2.017 8.189 8.177 4 3.074 1.608 0.128 1.717 2.489 8.148 5 2.841 1.030 0.085 0.892 2.077 8.186 6 2.841 1.030 0.044 0.950			1			(GAL/EDU/DAY)	DAY)	
4 3168 0.722 0.055 0.558 1335 3 3.470 0.608 0.048 0.577 1233 9 2.908 0.671 0.054 0.599 1.321 2 2.908 0.671 0.054 0.599 1.321 2 2.908 1.080 0.084 0.599 1.321 3 2.908 1.080 0.084 0.599 1.321 3 3.074 1.408 0.143 1.246 2.835 4 3.077 1.256 0.116 1.117 2.489 5 2.941 0.731 0.085 0.892 2.007 7 2.941 0.731 0.056 0.603 1.419 7 2.841 0.771 0.056 0.639 1.449 8 2.942 0.744 0.058 0.603 1.449 9 2.943 0.603 0.041 1.084 2.337 2 2.850	RSF CSD SB	EDUS EDUS	SB SB FDUS	FDLIS	CSD	BOE	a	TOTAL
3.170 0.608 0.048 0.577 1.233 8.3046 0.813 0.064 0.724 1.601 2.908 1.080 0.084 0.596 2.314 2.908 1.080 0.084 0.596 2.144 3.074 1.266 0.116 1.171 2.489 4 3.017 1.266 0.116 1.171 2.489 5 2.941 1.030 0.085 0.690 2.007 7 2.841 0.731 0.058 0.635 1.403 7 2.842 0.712 0.057 0.606 1.375 8 2.943 0.712 0.056 0.635 1.403 9 2.913 0.712 0.056 0.637 1.403 9 2.913 0.712 0.056 0.635 1.404 1 0.712 0.056 0.045 0.660 1.274 1.419 2 2.829 0.772 0.056 0.045	0.055 0.558		9	16,347	210	288	171	194
9 3.046 0.813 0.064 0.724 1.601 9 2.908 1.0871 0.051 0.599 1.321 2 3.098 1.060 0.084 0.950 2.114 2 3.098 1.466 0.116 1.117 2.489 3 3.074 1.030 0.085 0.892 2.007 2 2.841 0.731 0.058 0.630 1.419 2 2.841 0.731 0.058 0.630 1.419 2 2.842 0.712 0.058 0.637 1.419 3 2.943 0.712 0.058 0.637 1.409 4 2.952 0.742 0.058 0.637 1.419 5 2.943 0.744 0.058 0.657 1.448 6 2.953 0.047 0.598 1.248 6 2.963 0.603 0.044 0.694 1.749 2 2.860 0.860	0.048 0.577			16,350	191	274	192	194
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4 3.017 1.256 0.116 1.117 2.489 0 3.074 1.408 0.128 1.171 2.707 2 2.841 0.731 0.058 0.630 1.419 2 2.841 0.712 0.058 0.639 1.403 2 2.829 0.712 0.056 0.635 1.403 2 2.922 0.599 0.045 0.573 1.217 2 2.923 0.603 0.045 0.573 1.217 2 2.923 0.690 0.056 0.637 1.403 2 2.826 0.690 0.056 0.651 1.404 2 2.858 0.690 0.058 0.721 1.523 2 2.800 1.149 0.104 1.084 2.337 2 2.800 1.044 0.058 0.721 1.253 2 2.800 1.149 0.104 1.084 2.337 2 2.800	0.143 1.246	a a		16,367	185	226	172	181
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7 2.941 1,030 0.085 0.892 2.007 2 2.841 0.731 0.058 0.630 1,419 3 2.829 0.712 0.056 0.635 1,419 4 2.913 0.712 0.056 0.635 1,419 5 2.923 0.742 0.056 0.637 1,217 6 2.963 0.603 0.045 0.573 1,217 2 2.815 0.744 0.058 0.721 1,248 2 2.850 0.744 0.058 0.721 1,278 2 2.850 1.749 0.704 1,084 2,337 2 2.800 0.843 0.069 0.816 1,728 2 2.800 1.174 0.128 1,274 1,274 2 2.800 1.058 0.104 1,084 2,337 2 2.800 1.058 0.104 1,014 2,172 2 2.800	0.128 1.171			16,369	196	314	172	2 8
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7 2.829 0.712 0.057 0.666 1.375 9 2.913 0.712 0.056 0.635 1.403 6 2.922 0.599 0.045 0.598 1.248 9 2.863 0.603 0.047 0.598 1.248 2 2.865 0.690 0.053 0.661 1.404 2 2.860 0.843 0.069 0.816 1.728 2 2.860 1.149 0.104 1.084 2.337 2 2.890 1.149 0.104 1.084 2.337 2 2.890 1.108 0.110 1.064 2.282 2 2.998 1.170 0.104 1.074 2.172 2 2.892 0.657 0.065 0.657 1.496 2 2.996 0.658 0.100 1.014 2.172 2 2.802 0.657 0.065 0.657 1.496 2 2.802	0.058 0.630			16.374	179	251	163	174
9 2.913 0.712 0.056 0.635 1.403 6 2.922 0.589 0.045 0.573 1.217 9 2.963 0.045 0.673 1.217 6 2.856 0.690 0.053 0.661 1.404 2 2.850 0.744 0.058 0.721 1.523 2 2.800 0.843 0.069 0.816 1.728 2 2.850 1.149 0.069 0.816 1.238 2 2.850 1.149 0.104 1.084 2.337 2 2.890 1.108 0.100 1.014 2.172 3 3.012 0.650 0.065 0.657 1.366 4 2.892 0.106 0.004 1.044 2.172 5 2.892 0.657 0.063 0.657 1.366 6 2.960 0.694 0.061 0.740 1.495 6 2.802 0.658	0.057 0.606	8,185 464		16.377	179	252	161	173
6 2,922 0,599 0,045 0,573 1,217 9 2,963 0,603 0,047 0,598 1,248 6 2,868 0,603 0,047 0,598 1,248 2 2,816 0,744 0,058 0,721 1,523 2 2,800 0,843 0,069 0,816 1,728 2 2,800 0,144 0,069 0,816 1,728 2 2,800 0,109 0,104 1,344 2,337 2 2,800 1,178 0,104 1,064 2,337 3 3,072 0,650 0,005 0,675 1,441 2,172 4 2,998 1,108 0,100 1,014 2,142 2,781 5 2,996 1,058 0,067 0,657 0,657 0,657 0,657 0,657 0,657 0,621 1,269 6 2,960 0,684 0,061 0,740 1,495 2,83	0.056 0.635			16.378	181	248	171	178
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2 2.815 0.744 0.069 0.721 1.523 3 2.800 0.843 0.069 0.816 1.728 2 2.850 1.149 0.104 1.084 2.337 2 3.059 1.271 0.128 1.137 2.837 1 2.996 1.108 0.110 1.064 2.822 1 2.979 1.058 0.100 1.014 2.172 2 2.996 1.108 0.110 1.064 2.882 2 2.997 1.058 0.100 1.014 2.172 3 3.012 0.650 0.065 0.667 1.410 4 2.996 0.1084 0.061 0.740 1.485 5 2.802 0.657 0.063 0.627 1.362 6 2.942 0.656 0.063 0.626 1.306 7 2.813 1.090 0.091 1.114 2.420 8 2.948	0.053 0.661			16,383	171	231	174	174
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2 2.850 1.149 0.104 1.084 2.337 2 3.059 1.271 0.128 1.138 2.537 2 3.047 1.371 0.136 1.274 2.781 2 3.047 1.058 0.100 1.014 2.172 2 2.998 1.108 0.100 1.014 2.172 2 2.992 0.652 0.065 0.657 1.496 2 2.960 0.694 0.061 0.740 1.496 2 2.960 0.659 0.657 1.362 2 2.802 0.653 0.657 1.362 2 2.802 0.654 0.063 0.657 1.366 2 2.802 0.657 0.053 0.626 1.366 3 2.903 1.177 0.102 2.371 4 2.813 1.090 0.091 1.114 2.420 5 2.894 1.272 0.139 1.172	0.069 0.816	8,189 469		16,386	167	237	171	171
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8 2.998 1.108 0.110 1.064 2.282 1 2.979 1.058 0.100 1.014 2.172 2 2.992 0.650 0.065 0.657 1.362 3 2.962 0.685 0.065 0.657 1.362 2 2.962 0.684 0.061 0.740 1.495 2 2.962 0.627 0.053 0.621 1.256 2 2.802 0.627 0.053 0.626 1.306 1 2.847 1.177 0.102 1.092 2.371 2 2.813 1.090 0.091 1.011 2.192 3 2.948 1.177 0.139 1.174 2.420 4 2.948 1.147 0.139 1.144 2.420 5 2.948 1.186 0.178 1.144 2.420 3 2.834 0.867 0.148 0.869 1.854 0 2.809	0.136 1.274	8,197 474		16,399	181	313	179	184
1 2.979 1.058 0.100 1.014 2.172 5 2.892 0.672 0.063 0.675 1.410 6 2.960 0.0594 0.061 0.740 1.495 6 2.962 0.687 0.063 0.627 1.362 7 2.802 0.687 0.063 0.621 1.259 8 2.802 0.687 0.063 0.626 1.306 9 2.847 1.177 0.102 1.092 2.371 8 2.948 1.272 0.139 1.214 2.420 8 2.948 1.176 0.139 1.142 2.420 9 2.908 1.176 0.139 1.144 2.420 9 2.908 1.176 0.139 1.144 2.420 1 0.149 0.069 0.564 1.172 2.83 2 2.809 0.564 0.069 0.564 1.172 0 2.847	0.110 1.064	8,198 474		16,400	177	306	181	183
5 2.882 0.672 0.063 0.675 1.410 3 3.012 0.650 0.055 0.657 1.410 6 2.960 0.684 0.061 0.740 1.495 1 2.942 0.685 0.053 0.627 1.259 2 2.802 0.687 0.053 0.626 1.306 1 2.847 1.177 0.102 1.092 2.31 2 2.813 1.090 0.091 1.011 2.192 8 2.948 1.272 0.139 1.172 2.820 8 2.948 1.176 0.130 1.114 2.420 9 2.908 1.176 0.139 1.114 2.420 3 2.824 0.867 0.148 0.869 1.854 0 2.899 0.564 0.069 0.561 1.194 0 2.899 0.545 0.066 0.596 1.226 2 2.847	0.100 1.014	8,198 474		16,400	177	289	180	182
3 3.012 0.650 0.055 0.657 1.362 6 2.960 0.684 0.061 0.740 1.495 1 2.942 0.685 0.063 0.621 1.259 2 2.802 0.627 0.053 0.626 1.306 1 2.847 1.177 0.102 1.092 2.371 2 2.848 1.272 0.139 1.174 2.822 8 2.948 1.176 0.139 1.114 2.420 9 2.908 1.176 0.139 1.114 2.420 1 2.803 0.564 0.069 0.561 1.194 2 2.809 0.564 0.069 0.561 1.194 0 2.817 0.425 0.050 0.470 0.945 1 2.741 0.564 0.066 0.561 1.056 2 2.741 0.564 0.066 0.561 1.056 3 2.741 0.564 0.066 0.561 1.056 3 2.775 1.039 0.137 1.074 2.310 4 2.736 1.039 0.137 1.042 2.140 5 2.736	0.063 0.675	8,201 474		16,403	168	270	179	176
6 2.960 0.694 0.061 0.740 1.495 1 2.942 0.585 0.053 0.627 1.259 2 2.802 0.627 0.053 0.626 1.306 2 2.802 1.177 0.102 1.092 2.371 2 2.813 1.090 0.091 1.011 2.192 3 2.948 1.272 0.139 1.172 2.583 9 2.908 1.176 0.139 1.114 2.420 3 2.804 1.186 0.178 1.144 2.420 3 2.804 1.186 0.178 1.144 2.420 3 2.824 0.867 0.118 0.869 1.854 4 0.867 0.118 0.869 1.854 5 2.809 0.564 0.069 0.564 1.172 6 2.847 0.479 0.056 0.526 1.226 3 2.741 0.564	0.055 0.657	8,202 474		16,404	175	258	188	184
1 2.942 0.585 0.063 0.621 1.259 2 2.802 0.627 0.053 0.626 1.306 1 2.847 1.177 0.102 1.092 2.371 2 2.848 1.272 0.139 1.712 2.192 2 2.948 1.272 0.139 1.172 2.583 9 2.938 1.186 0.178 1.114 2.420 3 2.824 0.867 0.118 0.869 1.854 0 2.809 0.564 0.069 0.561 1.194 0 2.809 0.545 0.069 0.561 1.194 0 2.809 0.545 0.069 0.561 1.194 0 2.817 0.470 0.945 1.056 0 2.847 0.475 0.066 0.521 1.056 2.847 0.479 0.082 0.755 1.567 2.741 0.564 0.066 0.526 </td <td>0.061 0.740</td> <td>8,204 475</td> <td></td> <td>16,407</td> <td>168</td> <td>251</td> <td>190</td> <td>180</td>	0.061 0.740	8,204 475		16,407	168	251	190	180
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3 2.741 0.564 0.066 0.596 1.226 3 2.705 0.730 0.082 0.755 1.567 7 2.812 1.109 0.137 1.074 2.310 5 2.739 1.032 0.119 1.042 2.190 3 2.679 1.006 0.109 1.025 2.140 5 2.721 0.968 0.113 0.925 2.006	0.056 0.521			16,465	157	310	182	173
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CSD: Cardiff Sanitary Division	0.113 0.925	8,269 488	8 7,728	16,485	159	314	162	165
BAR CAP. Banch Santa Es Community Sources District								TABLE 1
		ASSUMPTION	ASSUMPTIONS: SBaverage flow includes San Bijo Hills flow of 0.131 mgd	includes San	Bijo Hills flow of 0	.131 mgd		
Table Commence of the Commence			SB Connected E	DUs includes 3	SB Connected EDUs includes 300 EDUs for the City of San Diego	ty of San Diego		

City of Escondido Flows

The average and peak flow rate from the City of Escondido's Hale Avenue Resource Recovery Facility, which discharges through the San Elijo Ocean Outfall, is reported below. The following average flow rate and peak flow rate is reported by the City of Escondido for the month of March.

	March (mgd)
Escondido (Average flow rate)	11.9
Escondido (Peak flow rate)	18.2

Connected Equivalent Dwelling Units

The number of EDUs connected for each of the Member Agencies for the month of March is as follows:

的一种,这种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种	March (EDU)
Cardiff Sanitary Division	8,269
Rancho Santa Fe SID	488
City of Solana Beach	7,428
San Diego (to Solana Beach)	300
Total EDUs to System	16,485

Respectfully submitted,

Michael T. Thornton, P.E.

General Manager

May 14, 2012

TO:

Board of Directors

San Elijo Joint Powers Authority

FROM:

General Manager

SUBJECT:

SAN ELIJO WATER RECLAMATION PROGRAM - MONTHLY REPORT

RECOMMENDATION

No action required. This memorandum is submitted for information only.

DISCUSSION

Recycled Water Production

For the month of March 2012, recycled water demand was 62.92 acre-feet (AF), which was met using 62.92 AF of recycled water and 0.00 AF of supplementation with potable water. This equates to a blend mix for March of 100.0 percent recycled water and 0.0 percent potable water supplementation.

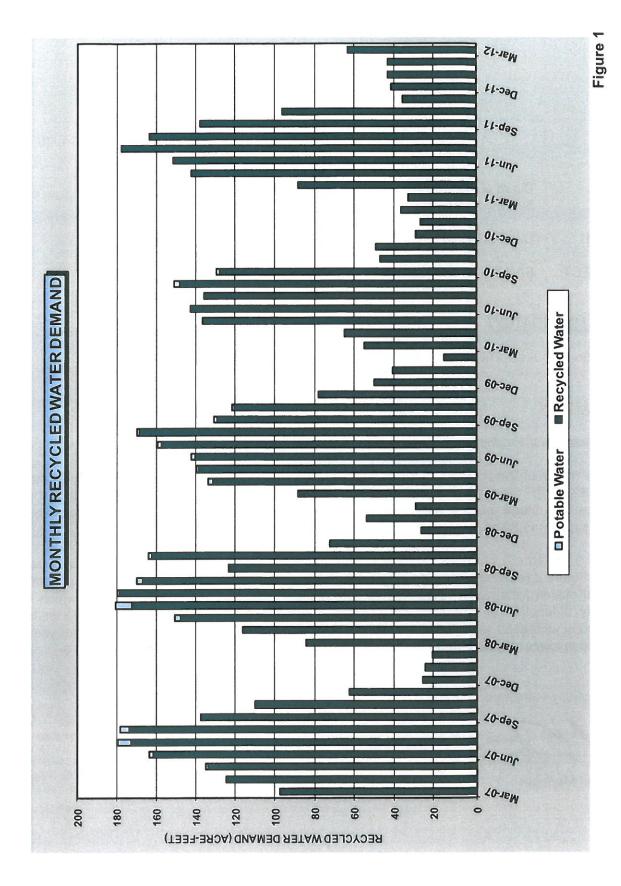
Figure 1 (attached) provides monthly supply demands for recycled water over the last five years. Figure 2 (attached) provides a graphical view of annual recycled water demand spanning the last eleven fiscal years. Recycled water demand can fluctuate from year to year, which is typically a function of weather. For example, Fiscal Year 2003-04, an unusually dry year, resulted in increased recycled water demand; and Fiscal Year 2004-05, an unusually wet year, resulted in lower recycled water demand.

Respectfully submitted,

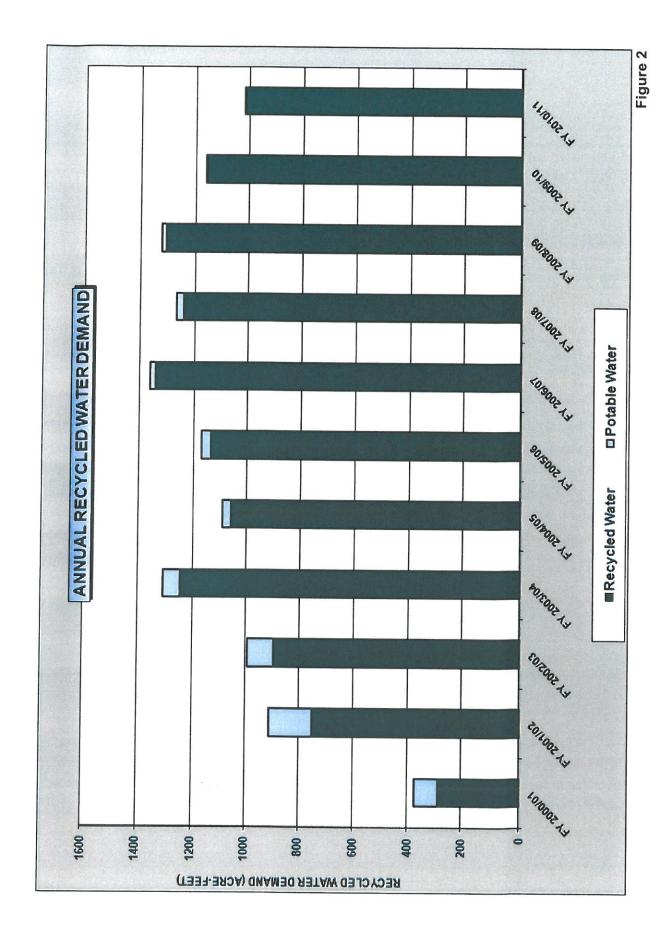
Michael T. Thornton, P.E.

General Manager





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May 14, 2012

TO:

Board of Directors

San Elijo Joint Powers Authority

FROM:

Director of Finance/Administration

SUBJECT:

PRE-ENGAGEMENT MEETING WITH SAN ELIJO JOINT POWERS

AUTHORITY AUDITORS

RECOMMENDATION

It is recommended that the Board of Directors:

1. Discuss and take action, as appropriate.

DISCUSSION

During the presentation of the Fiscal Year 2011-12 financial audit, the SEJPA Board suggested that the audit process be adjusted to include verbal discussions between the Board of Directors and the auditors. Currently, the existing process begins with receipt of an engagement letter from the audit firm explaining the audit process and fee schedule. The auditors then perform field work to test the accuracy and completeness of the financial statements and financial health of the SEJPA for the fiscal year being reviewed. The auditors also conduct field interviews with SEJPA management to identify practices and possible weaknesses or areas of improvement.

Moving forward, the SEJPA auditor will hold a pre-engagement audit meeting with the Board of Directors and will review the audit process field questions, ideas and/or concerns of the Board to be addressed during the Fiscal Year audit.

The purpose of the pre-engagement meeting is to communicate with those charged with governance of the SEJPA, the responsibilities of the auditor and management under Generally Accepted Auditing Standards and to provide an overview of the planned scope and timing of the audit. In addition, the auditors and the Board will develop a two-way dialogue which could provide valuable information for the audit process.

This Board agenda item provides Michael Zizzi, from the audit firm of Leaf & Cole, LLP, the opportunity to conduct a pre-engagement audit meeting with staff and the Board of Directors of the SEJPA.

It is, therefore, recommended that the Board of Directors:

1. Discuss and take action, as appropriate.

Respectfully submitted,

Gregary Lewis
Director of Finance/Administration

May 14, 2012

TO:

Board of Directors

San Elijo Joint Powers Authority

FROM:

Director of Finance/Administration

SUBJECT:

SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2012-13

RECOMMENDED BUDGET UPDATE

RECOMMENDATION

It is recommended that the Board of Directors:

1. Discuss and take action, as appropriate.

DISCUSSION

In April 2012, SEJPA staff presented the FY 2012-13 Recommended Budget to the Board of Directors for their review and comment. Additionally, during the past month, SEJPA staff has had discussions with staff members from both Member Agencies. There are no recommended changes to the SEJPA Fiscal Year 2012-13 budget being proposed by either Member Agency.

The budget will be presented to the Board of Directors for adoption at the June meeting along with the investment policy and appointment of SEJPA Treasurer. Any action from this meeting will be incorporated into the budget before the June meeting.

It is, therefore, recommended that the Board of Directors:

1. Discuss and take action, as appropriate.

Respectfully submitted,

Gregiary Lewis

Director of Finance/Administration

May 14, 2012

TO:

Board of Directors

San Elijo Joint Powers Authority

FROM:

General Manager

SUBJECT:

STATUS REPORT - WASTEWATER INFRASTRUCTURE CAPITAL PROJECTS

RECOMMENDATION

No action required. This memorandum is submitted for information only.

DISCUSSION

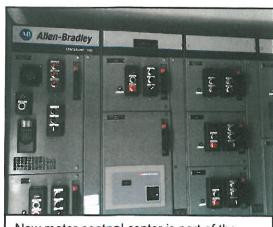
The San Elijo Joint Powers Authority (SEJPA) is a wastewater agency with the mission of protecting the environment and public health through the safe and reliable treatment of municipal wastewater. The SEJPA owns and operates wastewater and recycled water infrastructure to accomplish this mission. In addition, the SEJPA's member agencies (the cities of Encinitas and Solana Beach) own the wastewater conveyance infrastructure. Together, this infrastructure provides the means for collecting and conveying wastewater from businesses and residences of Encinitas, Solana Beach, and Rancho Santa Fe for treatment and recycling or disposal by the SEJPA.

Currently, there are four major construction projects in progress; the SEJPA Electrical Upgrades Project, Olivenhain Pump Station Replacement Project, Olivenhain Force Main Replacement Project, and SEJPA Advanced Water Treatment Project. Two of these projects are being lead by the SEJPA and two are being lead by the City of Encinitas. This staff report provides a brief update on each project.

Electrical Upgrades Project

Many of the existing electrical systems at the San Elijo Water Reclamation Facility (SEWRF) have more than 30 years of service and are nearing the end of their expected life cycle. For some of the equipment, the original manufacturer no longer provides support or produces spare parts for the equipment. As a result, the 2007 Facility Master Plan identified the upgrade and replacement of aging electrical systems at the SEWRF as a priority project.

The SEJPA awarded the Design contract for the Electrical Upgrades Project to the engineering firm CDM in March 2010 for a value of \$210,000. The



New motor control center is part of the Electrical Upgrades Project.

construction contract was awarded to Southern Contracting Company in May 2011. The construction contract value for this project is \$1.06 million. The SEJPA is performing the majority of the construction management services with its own staff resulting in an estimated savings of \$45,000. Outsourced construction inspection services are expected to cost \$30,000. Construction is currently in progress and is anticipated to be completed by July 2012.

Olivenhain Pump Station Replacement Project

Built in 1971, the Olivenhain Sewer Pump Station is more than 40 years old and was identified for replacement due to aged equipment and a lack of safety redundancies to prevent sewage spills. The station is located at the intersection of Manchester Avenue and the northbound off ramp from Interstate 5, adjacent to San Elijo Lagoon. The station collects raw wastewater from the Olivenhain Trunk Sewer that runs along Manchester Avenue east of Interstate 5 and the Solana Beach Siphon Sewer which crosses the San Elijo Lagoon just east of Interstate 5. The Olivenhain Pump Station then conveys raw wastewater through a pipeline (force main) along Manchester Avenue to the San Elijo Water Reclamation Facility.

The new pump station design incorporates Leadership in Energy and Environmental Design (LEED) Green Design Standards including the use of recycled construction materials, solar panels, recycled water for landscape irrigation and toilet flushing, and energy-efficient equipment. The City of Encinitas adopted a Mitigated Negative Declaration for the project on February 3, 2010. A Coastal Development Permit was approved on March 1, 2010 for the project. The construction contract was awarded to the construction firm W.M. Lyles in February 2011, and the project is scheduled for completion by the end of 2012. The total project value is \$6.7 million, which includes design, permitting, construction, and project contingency funding.

City of Encinitas is the owner of this pump station and is the managing agency for this project. The SEJPA provided technical assistance during the design phase, and is providing the operation support and start-up assistance during construction.

Olivenhain Force Main Replacement Project

In 2011, the City of Encinitas determined that the Olivenhain sewer force main, and a portion of the Coast Highway 101 sewer force main, required emergency replacement due to accelerated corrosion of the pipelines. The Olivenhain Sewer Force Main is located along Manchester Avenue between the San Elijo Water Reclamation Facility and the Olivenhain Sewer Pump Station. The portion of the Coast Highway 101 Sewer Force Main that needs to be replaced is located under the Highway 101 Bridge at the mouth of the San Elijo Lagoon. Both sewer force mains are within the vicinity of sensitive wetlands and coastline including the San Elijo Lagoon and Cardiff State Beach. The need for emergency replacement of these two force mains is based on the estimated remaining service life that was determined by non-



Force main installation at the San Elijo Water Reclamation Facility.

destructive testing. As a consequence of the short remaining service life of these pipelines, staff developed an expedited replacement timeline. Despite this expedited process, the Olivenhain line failed on December 28, 2011, which makes expeditious repairs of these lines even more critical.

In October 2011, the City awarded the design contract to Atkins North America, Inc. to prepare plans, specifications, and cost estimates for the Olivenhain Sewer Force Main and Coast Highway 101 Sewer Force Main Replacement Project. The construction contract was awarded in January 2012 to the construction firm ARB, Inc. The project is scheduled for completion by December 2012. The total project value for the sewer pipeline project is \$4.3 million, which includes design, permitting, construction, and project contingency funding.

Advanced Water Treatment Project

In recent years, the SEJPA Water Reclamation Program has experienced difficulties in achieving permit compliance for total dissolved solids (TDS) in the recycled water. The source of the TDS, also referenced as salinity, is from the local water supply, TDS infiltration into the sanitary collection systems, and the use of salt-based water softeners by homes and businesses. In response to the permit compliance issues, the SEJPA has spent the last three years planning, designing, and permitting an advanced water treatment system at the San Elijo Water Reclamation Facility. As part of these efforts, the SEJPA successfully obtained approximately \$700,000 through a competitive grant process administered through Proposition 84 - Integrated Regional Water Management Program.

In November 2011, the SEJPA finalized negations with W.M. Lyles Construction Company to construct the Advanced Water Treatment Project under a lease-purchase agreement. The construction services agreement tied to the lease-purchase agreement was signed in November 2011 for a guaranteed maximum price (GMP) contract value of \$4.2 million. Construction of the Advanced Water Treatment Project is currently in progress and is anticipated to be completed by February 2013.

Respectfully submitted,

Michael T. Thornton, P.E.

General Manager