

AGENDA
SAN ELIJO JOINT POWERS AUTHORITY
MONDAY APRIL 11, 2011 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

None
6. * **CONSENT CALENDAR**
7. * APPROVAL OF MINUTES FOR THE MARCH 14, 2011 MEETING
8. * APPROVAL FOR PAYMENT OF WARRANTS AND MONTHLY INVESTMENT REPORTS
9. * SAN ELIJO WATER RECLAMATION FACILITY TREATED EFFLUENT FLOWS – MONTHLY REPORT
10. * SAN ELIJO JOINT POWERS AUTHORITY RECYCLED WATER PROGRAM – MONTHLY REPORT
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. SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2011-12 RECOMMENDED BUDGET

It is recommended that the Board of Directors:

1. Discuss and take action as appropriate.

Staff Reference: Director of Finance/Administration Gregory Lewis

13. GENERAL MANAGER'S REPORT

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

14. GENERAL COUNSEL'S REPORT

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

15. 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.

16. CLOSED SESSION

No Scheduled Closed Session

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".

20. ADJOURNMENT

The next regularly scheduled San Elijo Joint Powers Authority Board Meeting will be May 9, 2011 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: April 6, 2011



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

SAN ELIJO JOINT POWERS AUTHORITY
MINUTES OF THE BOARD MEETING
HELD ON MARCH 14, 2011
AT THE
SAN ELIJO WATER RECLAMATION FACILITY

Thomas M. Campbell, Chair

Teresa Barth, Vice Chair

A Meeting of the Board of Directors of the San Elijo Joint Powers Authority (SEJPA) was held Monday, March 14, 2011, 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

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

2. ROLL CALL

Directors Present:

Teresa Barth
Maggie Houlihan
Dave W. Roberts

Directors Absent:

Thomas M. Campbell

Others Present:

General Manager
Director of Operations
Administrative Assistant
Accounting Technician
Safety/HR Administrator
Wastewater Operator
Electrical Instrumentation Technician

Michael Thornton
Christopher Trees
Monica Blake
Carrie Cook
Marisa Buckles
Aaron Simonson
Casey Larsen

SEJPA Counsel:

Procopio, Cory, Hargreaves & Savitch

Greg Moser

City of Encinitas,
Director of Public Works

Larry Watt

City of Encinitas,
Public Works Management Analyst

Bill Wilson

City of Solana Beach,
City Manager

David Ott

City of Solana Beach,
Director of Engineering/Public Works

Mohammad "Mo" Sammak

Guests:

Olivenhain Municipal Water District
General Manager
Management Analyst

Kimberly Thorner
Joseph Randall

St. Francis Court HOA

Frank Warner & Al Evans

3. PLEDGE OF ALLEGIANCE

David Ott led the Pledge of Allegiance.

4. ORAL COMMUNICATIONS

None

5. PRESENTATION OF AWARDS

General Manager Michael Thornton presented Aaron Simonson, Operator II, and Carrie Cook, Accounting Technician, both with a certificate of recognition for 5 years of continuous service to the SEJPA.

The California Water Environment Association (CWEA), San Diego Section, awarded Casey Larsen, Electrical/Instrumentation Technician, with the 2010 Electrical/Instrumentation Person of the Year award. The General Manager stated that Casey Larsen is now being considered for the CWEA award at the state level.

6. CONSENT CALENDAR

Moved by Board Member Roberts and seconded by Board Member Houlihan to approve the Consent Calendar with the following vote of approval.

AYES: T. Barth, M. Houlihan, and D. Roberts
NOES: None
ABSENT: T. Campbell
ABSTAIN: None

Consent Calendar:

Agenda Item No. 7	Approval of Minutes for the February 14, 2011 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. NORTH SAN DIEGO COUNTY COOPERATIVE DEMINERALIZATION PROJECT

The General Manager Michael Thornton stated that in an effort to maximize the regional benefit of the SEJPA's planned recycled water demineralization project, the SEJPA has

partnered with the Olivenhain Municipal Water District (OMWD) and the San Elijo Lagoon Conservancy to create the North San Diego County Cooperative Demineralization Project (Project). The General Manager presented a PowerPoint presentation to highlight the project elements and community benefits. The Project includes a study of potential brackish groundwater demineralization by OMWD for increasing local potable water supplies, water quality and quantity monitoring in the San Elijo Lagoon by the Lagoon Conservancy, the construction of a recycled water demineralization facility by the SEJPA for improving water quality and increasing production capabilities, and the design and construction of urban runoff diversion structures by the City of Solana Beach and the SEJPA. The urban runoff diversions structures will redirect low flow storm water and urban runoff from the San Elijo Lagoon and local beaches and send the flow to the San Elijo Water Reclamation Facility for treatment and reuse and/or disposal. OMWD General Manager Kim Thorner gave a brief presentation on OMWD's component of this project, which is the feasibility evaluation of treating brackish ground water for potable water supply. One of the common elements between the projects is that the brine from the OMWD treatment facility could potentially be treated and disposed of through existing infrastructure owned by the SEJPA, providing operational cost advantages to both agencies. This project has been selected by the San Diego Integrated Regional Water Management (IRWM) group for \$1.05 million in grant funding. Final approval of the grant award is expected summer 2011.

This was an informational report not requiring Board action.

13. REC-1 OCEAN DISCHARGE COMPLIANCE UPDATE

General Manager Michael Thornton stated that the California Regional Water Quality Control Board (Regional Board) recently established new requirements for the SEJPA's discharge of treated municipal wastewater from the San Elijo Water Reclamation Facility to the San Elijo Ocean Outfall (SEOO). The Regional Board established a mandated compliance schedule for meeting these new receiving water standards. Task 1 of the compliance schedule was to prepare and submit a proposed work plan that outlines the approach, necessary infrastructure, and the construction schedule of new infrastructure needed for ensuring compliance with the new standards. The work plan was completed by the SEJPA in February 2011 and submitted to the Regional Board on March 2, 2011. A copy of the final work plan is on file at the SEJPA office.

The submitted work plan provided a detailed review and analysis of more than 4,600 water samples taken near the outfall over a six year period. The conclusion of the analysis is that the current treatment and ocean discharge systems provide compliance to the new water quality standards. Therefore, the SEJPA is recommending no new ocean treatment is required and has requested that Tasks 2-7 be eliminated from the NPDES permit. In addition, the SEJPA will continue its pursuits of recycling wastewater as a preferred alternative to ocean disposal.

This was an informational report not requiring Board action.

14. QUARTERLY UPDATE – RECYCLED WATER DISCUSSIONS BETWEEN THE SAN ELIJO JOINT POWERS AUTHORITY (SEJPA) AND THE SANTA FE IRRIGATION DISTRICT (SFID)

General Manager Michael Thornton gave the Board of Directors a quarterly update on the progress of negotiating new recycled water agreements with the SEJPA's existing the water purveyors; Santa Fe Irrigation District (SFID), San Dieguito Water District

(SDWD), and the City of Del mar.

The General Manager reported that the SFID and SEJPA staff met twice within the quarter. Discussions focused on whether to amend the existing agreement or replace the agreement with an entirely new agreement. Also, SFID has awarded a construction contract to expand the existing distribution system to serve the lower San Dieguito Park property and some high-use estate properties in the area. The new use is expected to begin in late 2011 and may ultimately serve an additional 50 to 80 acre-feet per year of recycled water.

The SDWD and SEJPA staff met twice during the quarter. Discussions focused on ways to reduce the cost of recycled water in the service area without reducing the current sales revenue that the SEJPA depends on to operate the system. The General Manager stated that use within the SDWD service area has decreased substantially in the past two years from conservation efforts.

The 22nd Agricultural District, City of Del Mar, met once during the quarter to discuss expanding recycled water use to serve additional irrigation demands at the Del Mar Fairgrounds. The SEJPA has provided technical assistance to the District for assessing the feasibility for using recycled water in cooling towers at the fairgrounds. The General Manager stated the next step in the process is obtaining County Department of Environmental Health approval for converting the cooling towers to recycled water and for the proposed expansion of the fairground's irrigation system.

This was an informational report not requiring Board action.

15. JOINT LOBBYING AND COST SHARING BETWEEN THE MEMBERS OF THE NORTH SAN DIEGO COUNTY REGIONAL RECYCLED WATER PROJECT

General Manager Michael Thornton stated that at the February 2011 meeting of the SEJPA Board of Directors, staff presented the concept of seeking federal funding for the North San Diego County Regional Recycled Water Project (Project). The Project seeks to expand recycled water use within north San Diego County to meet the region's future water needs, while minimizing the discharge of treated wastewater to the ocean. The Board of Directors directed the General Manager to work with Director Roberts and City Manager David Ott to better understand the strategy for pursuing federal grant funding, then return the item to the full Board of Directors for further discussion.

The General Manager reported that a conference call was conducted with the Hal Furman to discuss the current political climate in Washington D.C. and to review strategies for seeking grant funding for this project. Overall, Mr. Furman noted that regional infrastructure projects, be it freeways or water projects, will likely have the greatest probability for funding, if not in this fiscal year, then in future years.

From the information learned by Director Roberts, City Manager Ott, and General Manager Thornton, it was agreed that the SEJPA could benefit from the participation in this regional project and funding effort.

The General Manager stated that the annual total cost for the cost sharing agreement would be equally divided among the participating agencies. Staff estimates that the one-year cost of this agreement to the SEJPA is likely \$12,000 to \$14,000 and these funds are available in the Recycled Water Program Budget. This agreement would not obligate the SEJPA to participate for more than the current year, but multiple years of

lobbying will likely be required to obtain grant funding. The project has qualified for \$1.5 million in Proposition 84 grant funding to develop planning and engineering documents.

Moved by Board Member Houlihan and seconded by Board Member Roberts to:

1. Enter into a joint lobbying and cost sharing agreement with the other members of the North San Diego County Regional Recycled Water Project.

Motion carried with the following vote of approval:

AYES: T. Barth, M. Houlihan, and D. Roberts
NOES: None
ABSENT: T. Campbell
ABSTAIN: None

16. GENERAL MANAGER'S REPORT

General Manager Michael Thornton reported that the City of Escondido has not, as of this date, responded to the letter from the SEJPA's Board of Directors regarding excessive peak flows to the San Elijo Ocean Outfall that occurred in December 2010.

17. GENERAL COUNSEL'S REPORT

General Counsel Greg Moser stated that the 9th Circuit Court decided a case brought by the Natural Resources Defense Council against Los Angeles County and L.A. County Storm Water Management Agency and their flood control district, saying that channeled flood waters are a point source and must be treated before discharge to waters of the U.S.

18. BOARD MEMBER COMMENTS

None

19. CLOSED SESSION

None

20. ADJOURNMENT

The Board of Directors adjourned at 9:52 a.m. The next Board of Directors meeting will be held on April 11, 2011.

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager

PAYMENT OF WARRANTS

11-04

1-Apr-11

VENDOR	DESCRIPTION OF EXPENSE	AMOUNT
11-04 Warrants		
AG Tech, LLC	Biosolids hauling - February	\$6,697.15
Airgas West	Atmosphere meter sensor - plant and all pump stations	\$561.42
Applied Industrial Tech	Belts for grit pump - plant	\$130.51
Arrowhead	Kitchen and lab supplies	\$255.25
Ashbrook Simon - Hartley	Parts for belt press drives - plant	\$412.71
AT&T	Phone service - 02/13/2011 - 03/12/2011	\$360.44
AT&T	Alarm service - March	\$380.18
AT&T	Phone service - 01/20/11-02/19/11-Eden Garden P.S.	\$73.06
Atlas Pumping Service	Grease and scum pumping - February	\$277.44
Atlas Pumping Service	Grease and scum pumping - March	\$1,028.84
Atlas Pumping Service	Grease and scum transportation to Arizona	\$2,636.74
Atlas Pumping Service	Grit and screening - March	\$742.35
Automation Direct	Transmitter, cable, fitting - parts for digester - plant	\$654.00
Blake, Monica	Expense report - mileage	\$25.14
Blue Skies Landscape	Landscape service - February	\$1,200.00
Boot World, Inc.	Safety boots - A. Hoch	\$150.00
Brenntag Pacific, Inc.	Sodium hydroxide - odor control - plant	\$1,593.14
California Water Technologies	Ferric chloride - plant	\$5,435.13
Coast Waste Management	Grit and screening- storm water	\$1,025.84
Complete Office	Office supplies - February	\$214.11
Corodata	Record storage - February	\$66.73
County-Air PCD	Permit - Olivenhain P. S.	\$319.00
Creative Printing	Business cards - A. Hoch and M. Piper	\$171.87
CWEA Membership	Membership - E. Hurtado	\$132.00
Del Mar Blue Print	Reprographics for coastal development permit-wtr. rec.	\$13.05
Del Mar Blue Print	Employee's wellness program	\$57.09
Department of Public Health	Recycled water fees FY 2009-10	\$3,025.60
DMV	Safety records 02.01.11 - 02.28.11	\$1.00
EDCO	Trash service - February	\$184.01
Environmental Water Solution	Electrical controller for waste gas burner - plant	\$4,551.53
Ferguson Waterworks	Gasket, bolt set, and flange - water reclamation	\$645.75
Ferrellgas	Propane - plant	\$90.82
Fleet Services	Fuel - February	\$920.95
Fluid Component International	Flow meter - plant	\$2,901.00
GoBioSupplies	Forks, knives, spoons, and plates	\$282.89
Golden State Overnight - GSO	Mailing compliance reports	\$34.59
Grainger, Inc.	Battery - lab	\$17.49
Grainger, Inc.	Pipe and roof tape for digester heat exchange - plant	\$145.62
Grainger, Inc.	Joint sealant tape, shaft coupler - plant and all P.S.	\$318.04
Green Valley Landscape	Tree trimming - plant	\$900.00
Hach Company	Controller - plant and water reclamation	\$1,779.50
Hach Company	Process system analyzer - plant and water reclamation	\$1,968.38
Hach Company	Phosphate and stabcal turbidity - lab	\$256.12
Hach Company	Circuit board assembly - aeration basins - plant	\$233.45
Harbor Freight Tools	Heat shrink, screw driver, and paint spray gun - plant	\$254.36
Hardy Diagnostics	Brilliant green bile, ec med., broth, spore indicator-lab	\$371.20
Home Depot Credit Service	Utility tubs - Moonlight and Eden Garden P. S.	\$169.65
Horizon Health EAP	EAP - March	\$351.12
Hydraulic Controls, Inc.	New pump and motor - Coast Blvd. P. S.	\$4,231.66
Jani-King	Janitorial service - March	\$882.64
Jani-King	Janitorial supplies	\$280.45
Konica	Monthly copier maintenance	\$104.34

PAYMENT OF WARRANTS

11-04

1-Apr-11

VENDOR	DESCRIPTION OF EXPENSE	AMOUNT
Larsen, Casey	Expense report - electronic silicone grease - plant	\$13.01
Larsen, Casey	Wireless equipment for SCADA communications	\$676.35
Lewis, Greg	Expense report - operations cell phone	\$89.99
Lewis, Greg	Expense report - budget covers, rechargeable batteries	\$281.95
Lewis, Greg	Expense report - budget tabs	\$119.98
MegaPath Inc.	T-1 service - February	\$278.13
MegaPath Inc.	T-1 service - March	\$278.13
Met Life SBC	Dental insurance - April	\$1,679.97
Michael R. Welch, Ph.D., P.E.	San Elijo Ocean Outfall NPDES Permit	\$2,295.00
NAPA Auto Part	Hose for belt press - plant	\$20.77
North County Personnel Assoc.	Membership - M. Buckles	\$75.00
North County Times	Subscription	\$192.00
North County Times	Advertising for the electrical upgrade project	\$337.64
OMWD	Manchester - 01/11/11 - 02/08/11	\$35.83
Olin Corp - Chlor Alkali	Sodium hypochlorite and bleach - water reclamation	\$3,478.12
One Source Distributors	Fans - plant and water reclamation	\$289.71
PERS - Health	Health - April	\$17,033.51
PERS - Retirement	Retirement premium - 03/11/11	\$13,974.63
PERS - Retirement	Retirement premium - 03/25/11	\$13,979.77
Pacific Pipeline Supply	Valve box and lids - cast iron - water reclamation	\$487.20
Polydyne Inc.	Clarifloc C-378 - water reclamation	\$1,210.61
Preferred Benefit Insurance	Vision insurance - March	\$274.54
Probuild	Repairs, shop and field supplies - March	\$90.21
Procopio, Cory, Hargreaves	Legal service - general - February	\$4,508.00
Procopio, Cory, Hargreaves	Labor and employment - February	\$171.00
Rohan & Sons, Inc.	Service air conditioning unit - office building	\$452.83
San Diego Gas and Electric	Gas and electric - 02/08 - 03/10 - Cardiff P. S.	\$1,276.74
San Diego SHRM	Seminar - M. Buckles	\$45.00
San Dieguito Water District	Manchester - 01/29/11 - 02/28/11	\$562.00
San Dieguito Water District	Manchester - 01/29/11 - 02/28/11	\$129.26
San Dieguito Water District	Manchester - 01/29/11 - 02/28/11	\$247.28
San Dieguito Water District	Manchester - 01/29/11 - 02/28/11	\$4,428.56
San Elijo Payroll Account	Payroll - 03/11/11	\$73,506.51
San Elijo Payroll Account	Payroll - 03/25/11	\$93,414.22
Santa Fe Irrigation District	Highland Dr. - 12/16/10 - 02/16/11	\$208.90
Santa Fe Irrigation District	Valley - 01/31/11 - 02/28/11	\$68.63
Santa Fe Irrigation District	Seabright In - 01/05/11 - 03/02/11	\$60.47
Sloan Electric Company	Shipping soft start - plant	\$176.69
Sprint	Cellular phone service	\$665.90
Sunbelt Rentals	Installation of pump - Olivenhain P. S.	\$1,177.11
Terra Renewal/Fleet	Biosolids hauling - February	\$3,042.81
Thatcher Company of Cal	Aluminum sulfate - water reclamation	\$2,889.36
Underground Service Alert	Dig alert - February	\$78.00
Unifirst Corporation	Uniform service - March	\$214.22
USA Bluebook	Submersible pump - water reclamation	\$179.68
VWR International, Inc.	PH/Temp pen style instrument - lab	\$101.81
VWR International, Inc.	Thermometers - lab	\$770.80
VWR International, Inc.	Filter glass and tubes - lab	\$759.50
Wonderware West	Standard support	\$4,384.50
WateReuse Association	2011 WateRuse Conference - M. Houlihan	\$250.00

Total 11-04 Warrants

\$300,477.18

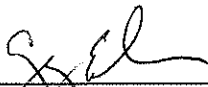
SAN ELIJO JOINT POWERS AUTHORITY

PAYMENT OF WARRANTS SUMMARY

1-Apr-11

PAYMENT OF WARRANTS		\$300,477.18
Reference Number	11-04	

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
Treasurer

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

1-Apr-11

<u>FUNDS ON DEPOSIT WITH</u>	<u>AMOUNT</u>
LOCAL AGENCY INVESTMENT FUND <i>(DECEMBER 2010 YIELD 0.47%)</i>	
SELF INSURANCE RESERVE	\$ 300,000.00
RESTRICTED SRF RESERVE	\$ 630,000.00
UNRESTRICTED DEPOSITS	\$ 5,815,174.15
 CALIFORNIA BANK AND TRUST <i>(MARCH 2011 YIELD 0.01%)</i>	
REGULAR CHECKING	\$ 128,350.71
PAYROLL CHECKING	\$ 5,000.00
 TOTAL RESOURCES	 \$ 6,878,524.86

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SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

April 11, 2011

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 February 2011. 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 93.9 percent and 91.5 percent, respectively, for February (as shown in Figure 1 and Figure 2).

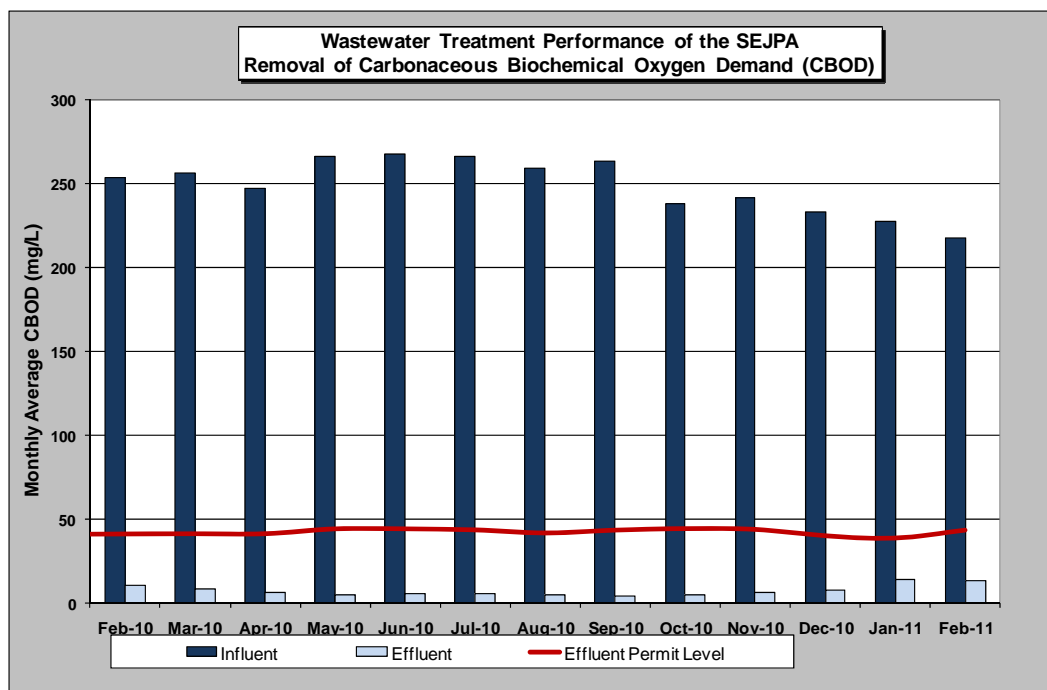


FIGURE 1

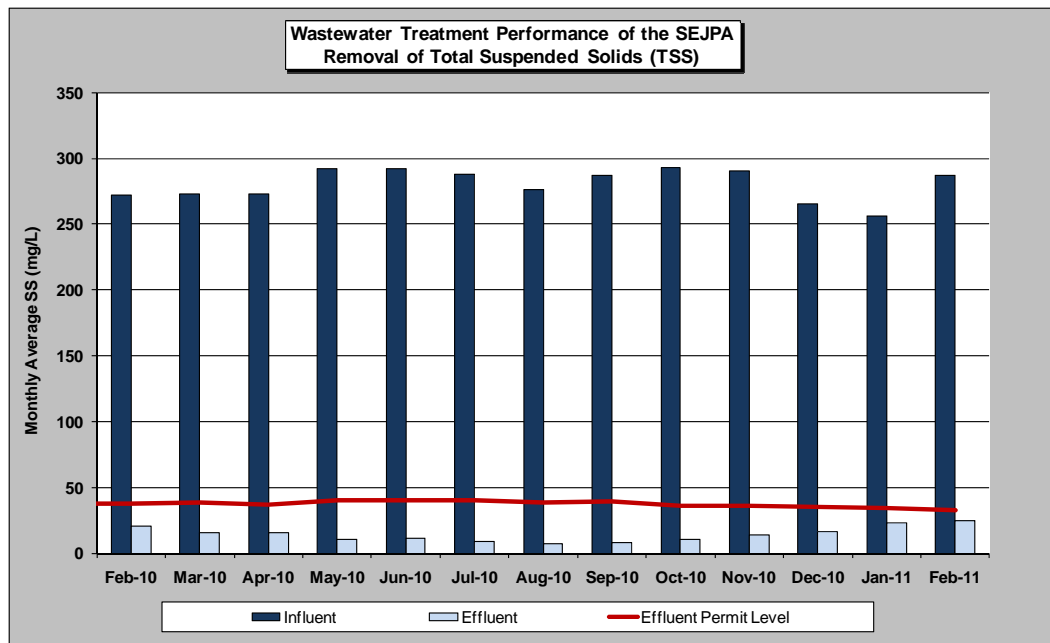


FIGURE 2

Member Agency Flows

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

	February	
	<u>Influent (mgd)</u>	<u>Effluent (mgd)*</u>
Cardiff Sanitary Division	1.413	1.176
City of Solana Beach	1.339	1.114
Rancho Santa Fe SID	0.156	0.130
Total San Elijo WRF Flow	2.908	2.420

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

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

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

Figure 3 (attached) 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.

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 February.

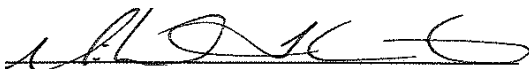
	February (mgd)
Escondido (Average flow rate)	12.5
Escondido (Peak flow rate)	19.0

Connected Equivalent Dwelling Units

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

	February (EDU)
Cardiff Sanitary Division	8,228
Rancho Santa Fe SID	480
City of Solana Beach	7,428
San Diego (to Solana Beach)	300
Total EDUs to System	16,436

Respectfully submitted,


Michael T. Thornton, P.E.
General Manager

Attachments: Table 1: SEWRF Monthly Report – Flows and EDUs
 Figure 3: Average Daily Flow

SEJPA AVERAGE DAILY INFLUENT FLOW

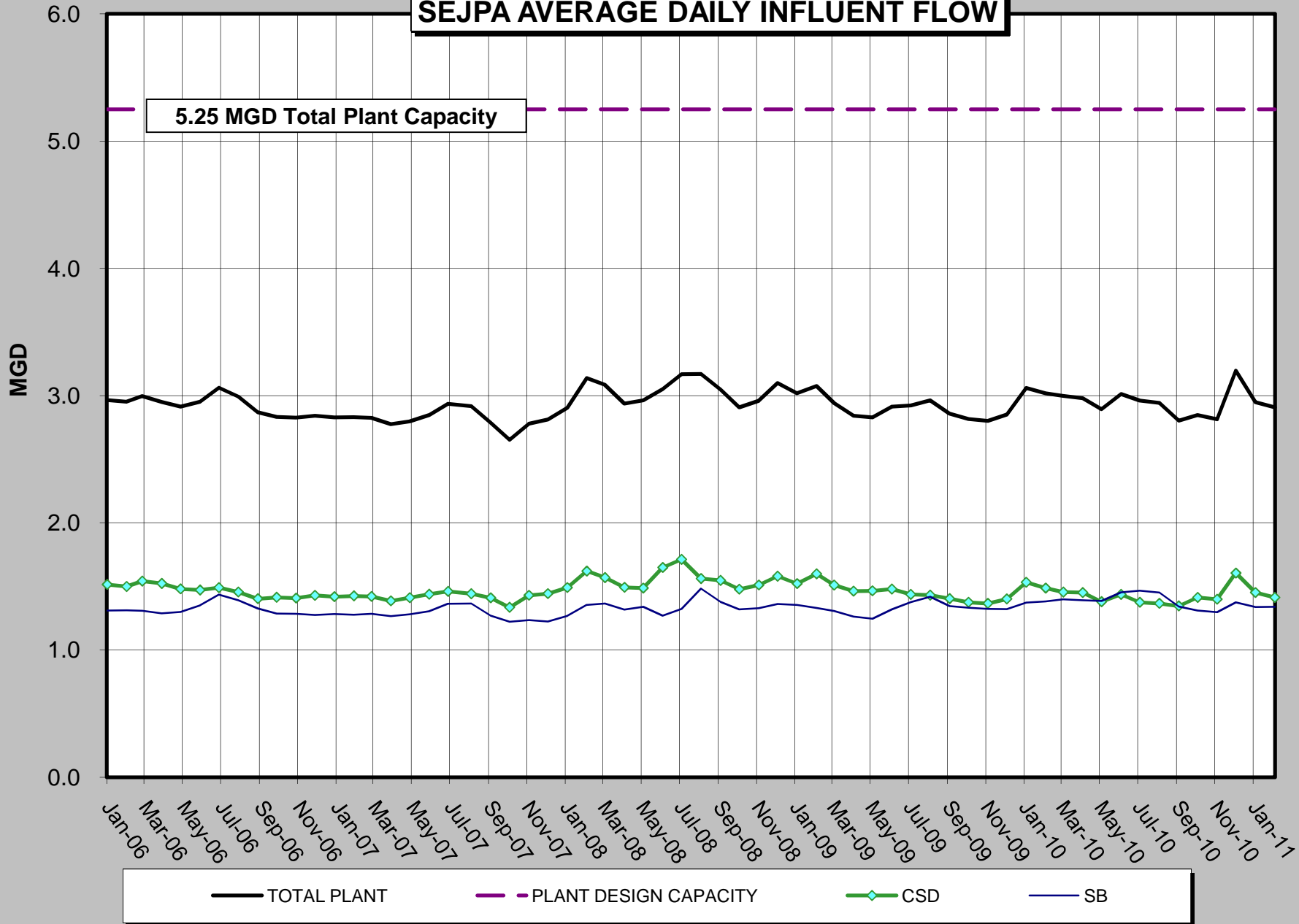


FIGURE 3

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AGENDA ITEM NO. 10

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

April 11, 2011

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: General Manager

SUBJECT: SAN ELIJO WATER RECLAMATION PROGRAM – MONTHLY REPORT

RECOMMENDATION

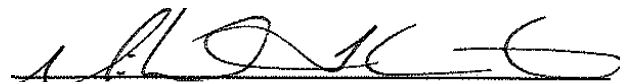
No action required. This memorandum is submitted for information only.

DISCUSSION

Recycled Water Production

For the month of February 2011, recycled water demand was 36.34 acre-feet (AF), which was met using 36.34 AF of recycled water and 0.00 AF of supplementation with potable water. This equates to a blend mix for February 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 ten 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

MONTHLY RECYCLED WATER DEMAND

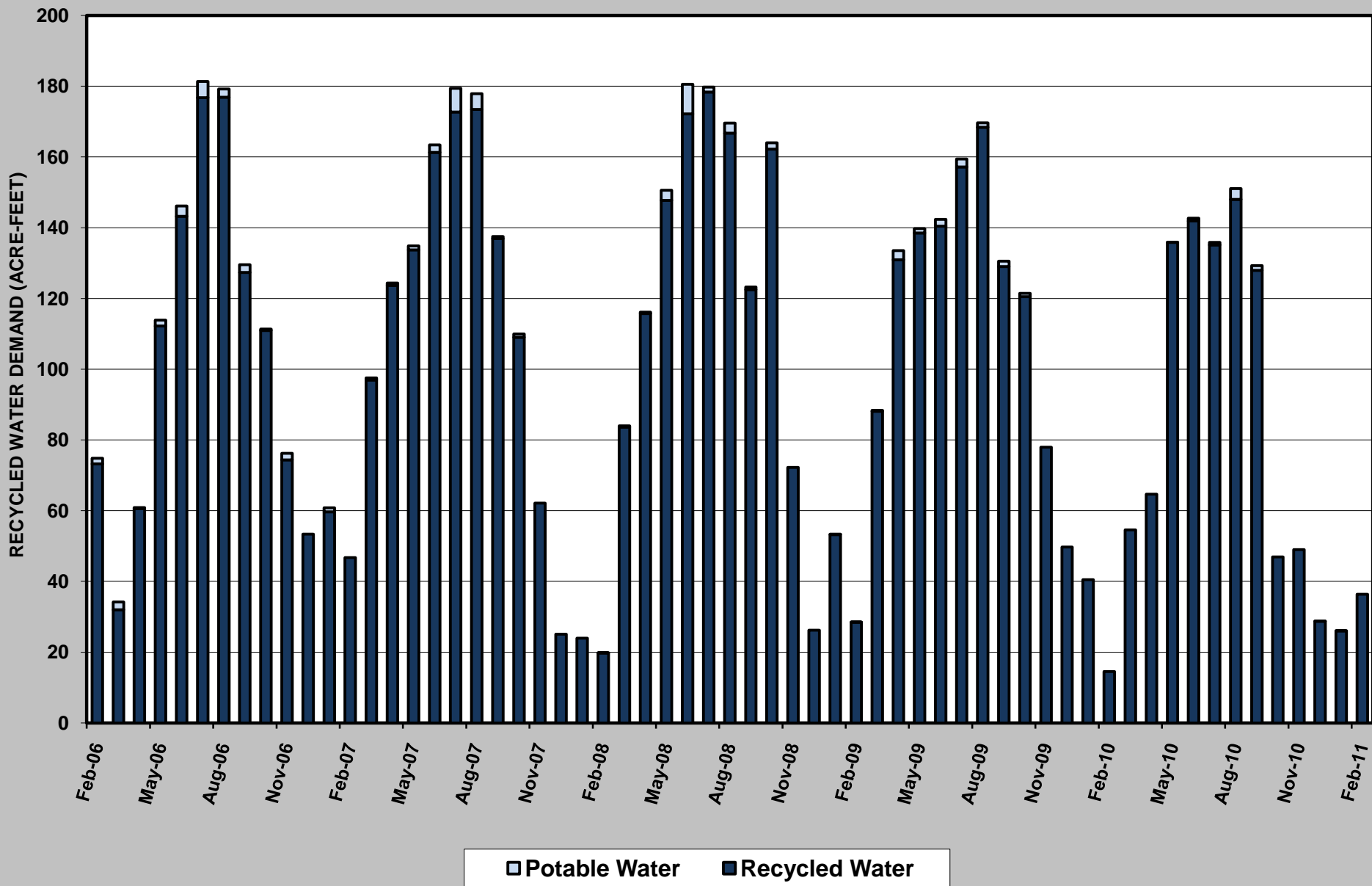


Figure 1

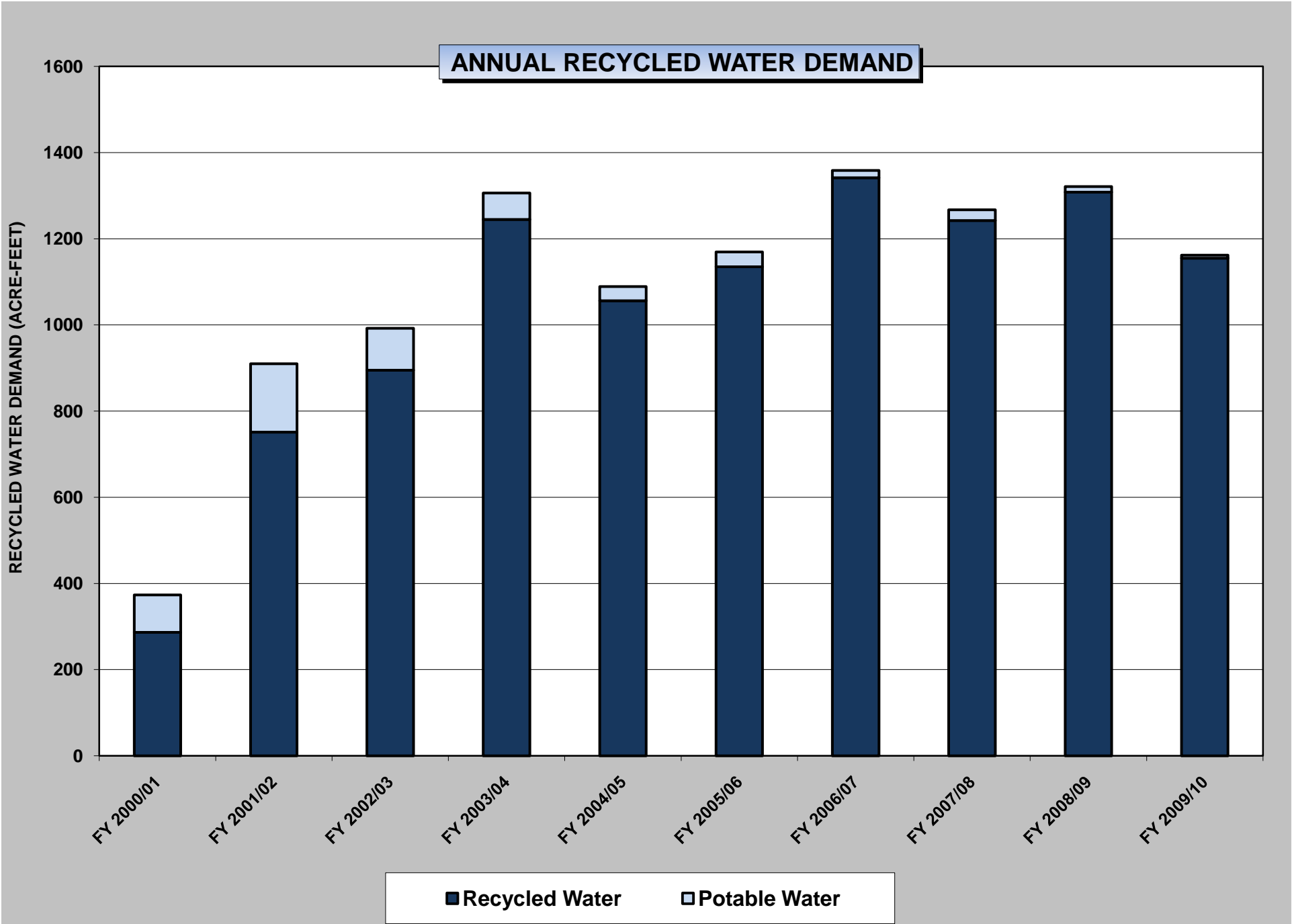


Figure 2

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

April 11, 2011

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: Director of Finance/Administration

SUBJECT: PRESENTATION OF THE SAN ELIJO JOINT POWERS AUTHORITY
FISCAL YEAR 2011-12 RECOMMENDED BUDGET

RECOMMENDATION

It is recommended that the Board of Directors:

1. Review the Fiscal Year 2011-12 Recommended Budget and direct Member Agency Managers to take the recommended budget to their respective Councils for further discussion and support; and
2. Discuss and take action as appropriate.

DISCUSSION

The Fiscal Year (FY) 2011-12 San Elijo Joint Powers Authority (SEJPA) Recommended Budget has been prepared in accordance with the SEJPA formation agreement and the SEJPA's existing service agreements with other government entities. The budget estimates all expenditures necessary to provide wastewater treatment, waste disposal, water reclamation, laboratory, ocean outfall, and pump station services.

The total recommended Fiscal Year (FY) 2011-12 operating budget for the Wastewater Treatment Fund (which includes operations and maintenance for wastewater, laboratory, outfall, and pump stations, as well as bond debt for the 2003 Revenue bonds and the CEC loan) for the SEJPA is \$5,641,616, a 0.7 percent increase from a year ago. Revenues to support the Wastewater Treatment Fund come from the users of the provided services. The total recommended FY 2011-12 operating budget for the Water Reclamation Fund (which includes operations and maintenance, as well as debt service expenses) is \$1,826,025, a 0.9 percent increase from a year ago. Water Reclamation Fund revenues come from the sale of recycled water. The FY 2011-12 appropriation for the Capital Project Fund is \$942,000, up from \$670,000 and is funded based on ownership or leased capacity of the facilities being improved or constructed.

The proposed operations budget, which includes services for the Member Agencies, the cities of Del Mar and Escondido, the San Dieguito Water District and Santa Fe Irrigation

District, and the Rancho Santa Fe Community Service Districts, will increase by approximately \$53,400, or 1.1 percent. These are the day to day costs of operating and maintaining the facilities managed by the SEJPA and exclude debt service and capital projects.

SEJPA management has reviewed in detail all aspects of operations to trim costs without impacting the agency's ability to perform the vital functions it is tasked to do. The two largest programs, Wastewater Treatment, and Recycled Water, increased 1.4 percent and 1.7 percent respectively. The Laboratory Program, Outfall Program and the Cardiff Pump stations had decreases in their operating budget, while the other programs had increases in their budgets. When capital project funding and debt service are added to this, the services provided to the Cities of Encinitas and Solana Beach are proposed to increase 3.7 percent and 4.9 percent, respectively. The increase is due primarily to increased funding for the Capital Improvement Program (CIP).

The cost for wastewater treatment and disposal services borne by the ratepayers of the Member Agencies are allocated based on use, indicated by measured flows or level of effort, as appropriate. Flows are averaged over a 12 month period and vary from year to year, impacting the level of participation for each agency. On the basis of 15,940 connected equivalent dwelling units (EDU's) through December 2010, the services provided to the Member Agencies by the SEJPA for wastewater treatment and disposal will cost an average of \$160.67 per EDU. This represents an increase of 0.7 percent from a year ago. In historic terms, the proposed EDU rate reflects an annualized increase of *less than 1.5 percent* since the facility was upgraded to secondary treatment nineteen years ago (average EDU rate was \$127 in Fiscal Year 1993-94).

Contingency funding for each program area has been reviewed and budgeted on the basis of potential for unforeseen events within each program area. For all programs, the amount of contingency funding is \$160,590, a \$22,820 decrease from a year ago. This is a predetermined percentage of each program's supplies and services budget.

The Water Reclamation Program has completed its tenth full year of recycled water sales. Water sales revenues are expected to decrease approximately 9.7 percent from the current fiscal year. It is anticipated that sales volume will be about 1,000 acre-feet (AF) in the upcoming fiscal year. The program is projected to generate \$1.97 million in recycled water revenues for FY 2011-12. Expenses are projected to be \$1.83 million, which includes the \$834,675 loan payment to the State Revolving Fund.

The SEJPA Capital Improvement Program includes both new and ongoing projects for improvements to the wastewater treatment, ocean outfall, pumping stations, and the water reclamation programs. For the wastewater treatment program, capital projects include (1) the construction of electrical system upgrades, which include replacing outdated electrical equipment and emergency power systems; (2) Headworks and Grit Chamber Rehabilitation Project, (3) Biosolids Upgrade Reserve, and (4) the replacement of an existing 125 hp aeration blower. For the Moonlight Beach Pump Station, funding is being requested from the Encinitas Sanitary Division to repair and epoxy coat the walls and stairs in the pump station. Funding is being requested for the Ocean Outfall Program to develop and implement peak flow management solutions. Lastly, funding is being requested to complete the Sediment Drying Pad Project at the north end of the SEJPA property.

For FY 2011-12, bond debt service on the 2003 Revenue Bonds is \$1,571,700 with an interest rate of 4.6 percent. The annual State Revolving Fund (SRF) loan payment is \$834,675, with an interest rate of 2.5 percent. The loan with the State of California Energy Resources Conservation and Development Commission (CEC) is \$128,476, with an interest rate of 3.95%. As a result of minor increases to the bond rate, the overall change in debt service is an increase of 0.2 percent.

All issues related to the FY 2011-12 recommended budget are discussed in detail in the budget document, along with information regarding the contribution requirements of the various agencies served by the SEJPA.

SUMMARY


The total recommended FY 2011-12 operating budget for the Wastewater Treatment Fund for the SEJPA is \$5,641,616, which is a 0.7 percent increase from a year ago. Revenues to support the Wastewater Treatment Fund come from the users of the provided services. The total recommended FY 2011-12 operating budget for the Water Reclamation Fund is \$1,826,025, which is a 0.9 percent increase from a year ago. Water Reclamation Fund revenues come from recycled water sales. The FY 2011-12 appropriation for the Capital Project Fund is \$942,000, which will fund construction activities associated with upgrading the San Elijo Water Reclamation Facility electrical system, Headworks and Grit Chamber Rehabilitation project, a blower replacement project, additional funding to the Ocean Outfall Peak Management Project, completion of the Sediment Drying Pad project, and continued funding for the biosolids facility upgrade reserve.

The budget document has been prepared to provide detailed information regarding each program and the cost of services to the Member Agencies and other contracted service recipients.

It is therefore recommended that the Board of Directors:

1. Review the Fiscal Year 2011-12 Recommended Budget and direct Member Agency Managers to take the recommended budget to their respective Councils for further discussion and support; and
2. Discuss and take action as appropriate.

Respectfully submitted,



Gregory Lewis
Director of Finance/Administration