

AGENDA
REGULAR BOARD MEETING OF THE
SAN ELIJO JOINT POWERS AUTHORITY
MAY 17, 2022 AT 8:30 A.M.
SAN ELIJO WATER CAMPUS – BOARD MEETING ROOM
2695 MANCHESTER AVENUE
CARDIFF BY THE SEA, CALIFORNIA

1. CALL TO ORDER
2. ROLL CALL
3. PLEDGE OF ALLEGIANCE
4. ORAL COMMUNICATIONS/PUBLIC COMMENT PERIOD (NON-ACTION ITEM)
5. AWARDS AND RECOGNITION
6. * **CONSENT CALENDAR**
7. * [APPROVAL OF MINUTES FOR APRIL 19, 2022 MEETING](#)
8. * [APPROVAL FOR PAYMENT OF WARRANTS AND MONTHLY INVESTMENT REPORTS](#)
9. * [WASTEWATER TREATMENT REPORT](#)
10. * [RECYCLED WATER REPORT](#)
11. * [REPORTABLE MEETINGS](#)
12. * [ALUMINUM SULFATE PURCHASE AMENDMENT](#)
13. * [AWARD OF CONTRACT FOR PROCUREMENT OF SODIUM HYPOCHLORITE](#)
14. * 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

15. [SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2022-23 RECOMMENDED BUDGET UPDATE](#)

1. Discuss and take action as appropriate.

Staff Reference: Director of Finance and Administration

16. GENERAL MANAGER'S REPORT

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

17. GENERAL COUNSEL'S REPORT

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

18. 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.

19. CLOSED SESSION

The Board will adjourn to Closed Session to discuss item(s) identified below. Closed Session is not open to the public; however, an opportunity will be provided at this time if members of the public would like to comment on any item listed below. (Three-minute limit.) 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".

None.

20. ADJOURNMENT

The next regularly scheduled San Elijo Joint Powers Authority Board Meeting will be Tuesday, June 21, 2022 at 8:30 a.m.

NOTICE:

The San Elijo Joint Powers Authority's open and public meetings comply with 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 third Tuesday of each month, with no scheduled meetings in 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 on the SEJPA website at www.sejpa.org, and in the following locations:

San Elijo Water Campus (formerly known as 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 12, 2022



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

SAN ELIJO JOINT POWERS AUTHORITY
MINUTES OF THE BOARD MEETING
HELD ON APRIL 19, 2022
AT THE SAN ELIJO WATER CAMPUS

Kellie Hinze, Chair

David Zito, Vice Chair

A meeting of the Board of Directors of San Elijo Joint Powers Authority (SEJPA) was held Tuesday, April 19, 2022, at 8:30 a.m., via a public web conference.

1. CALL TO ORDER

Chair Hinze called the meeting to order at 8:31 a.m.

2. ROLL CALL

Directors Present:

Kellie Hinze
Catherine Blakespear
Kristi Becker
David Zito

Directors Absent:

None

Others Present:

General Manager
Director of Operations
Director of Finance and Administration
Administrative Coordinator

Michael Thornton
Chris Trees
Amy Chang
Vanessa Hackney

SEJPA Counsel:

Procopio

Adriana Ochoa

City of Solana Beach:

City Manager
Director of Engineering/Public Works

Greg Wade
Mohammad "Mo" Sammak

3. PLEDGE OF ALLEGIANCE

General Manager Thornton led the Pledge of Allegiance.

4. ORAL COMMUNICATION/PUBLIC COMMENT PERIOD

None.

5. AWARDS AND RECOGNITION

None.

6. CONSENT CALENDAR

Moved by Board Member Becker and seconded by Vice Chair Zito to approve the Consent Calendar.

- Agenda Item No. 7 Approval of Minutes for the March 15, 2022 Meeting
- Agenda Item No. 8 Approval for Payment of Warrants and Monthly Investment Report
- Agenda Item No. 9 Wastewater Treatment Report
- Agenda Item No. 10 Recycled Water Report
- Agenda Item No. 11 Reportable Meetings
- Agenda Item No. 12 Agreement for AWP Structure Painting Services

Motion carried with the following vote of approval:

AYES: Hinze, Zito, Blakespear, Becker
 NOES None
 ABSENT: None
 ABSTAIN: None

14. CLEAN WATER SERVICE AGREEMENT FOR THE 22ND DISTRICT AGRICULTURAL ASSOCIATION

General Manager, Michael Thornton, stated that the 22nd District Agricultural Association (22ND DAA), in collaboration with the San Diego Regional Water Quality Control Board, recently completed a state-of-the-art, stormwater treatment system at the Del Mar Fairgrounds. The \$15 million system is designed to convey and treat stormwater discharged from barn and stable areas. It includes a network of pipelines, lift stations, a treatment plant, settling pond, and manmade wetlands on the infield of the horseracing track.

The proposed, clean water services agreement with the Del Mar Fairgrounds is anticipated to generate \$120,000 in annual revenues for SEJPA. Revenues would cover labor costs to run the wetlands treatment system and associated facilities. The proposed agreement is consistent with the mission to protect the water environment and would diversify revenue sources to the agency. As presented, the agreement term is for one year, with options to renew by mutual approval of both parties.

Moved by Board Member Blakespear and seconded by Vice Chair Zito to:

1. Authorize the General Manager to enter into an agreement with the 22nd District Agricultural Association for the provision of Clean Water Services.

Motion carried with the following vote of approval:

AYES: Hinze, Zito, Blakespear, Becker
 NOES None
 ABSENT: None
 ABSTAIN: None

15. PRESENTATION OF THE SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2022-23 RECOMMENDED BUDGET

Director of Finance and Administration, Amy Chang, presented the FY 2022-23 Recommended Budget, which consists of \$8,876,945 operating expense, \$3,180,000 capital appropriation, and \$1,565,216 debt service payments for a total budget of \$13,622,161. This amount includes the Recycled Water program, which has a total budget of \$3,024,966 including operations and maintenance, capital projects appropriation, and debt service payments. The total recommended budget also includes the proposed 22nd District Agricultural Association clean water services program with a budget at \$120,000.

SEJPA receives revenues from eight primary sources, with the three largest customers being the City of Encinitas, the City of Solana Beach, and the Recycled Water Utility, which are expected to provide \$4,837,444, \$3,145,811, and \$4,236,796, respectively.

The May 17, 2022 Board Agenda will include a budget discussion item for the Board to publicly discuss any changes or comments on the recommended budget. The final recommended budget will be brought to the June 21, 2022 meeting for Board approval.

No action required. This item was submitted for information only.

16. ADOPT RESOLUTION NO. 2022-03, RECOGNIZING SAN DIEGUITO WATER DISTRICT'S 100-YEAR ANNIVERSARY

Board Chair Hinze read into record Resolution No. 2022-03, Recognizing San Dieguito Water District's 100-Year Anniversary.

Moved by Chair Hinze and seconded by Board Member Becker to:

1. Adopt Resolution 2022-03, Recognizing the 100-Year Anniversary for San Dieguito Water District.

Motion carried with the following vote of approval:

AYES:	Hinze, Zito, Blakespear, Becker
NOES	None
ABSENT:	None
ABSTAIN:	None

17. GENERAL MANAGER'S REPORT

General Manager Thornton provided several updates to the Board:

- General Manager Thornton participated in Assembly Member Tasha Boerner Horvath's District Advisory Council on Environmental Water Quality and sustainability. This is helpful in keeping connected on environmental issues that are beyond SEJPA's main focus.
- General Manager Thornton attended the City of Oceanside's Pure Water Project Ribbon Cutting. This was a \$71 million project, and the first of its kind in San Diego County.

- Staff is investigating an opportunity with High Tech North County high school for an Internship Program.
- The regional bike path is set to open on June 4, 2022, connecting Solana Beach to Encinitas.
- San Elijo Joint Powers Authority and Encina Wastewater Authority staff have been collaborating on advancing pure water in North San Diego County. General Manager Thornton will be presenting on this topic at the San Dieguito Water District's April Board Meeting

18. GENERAL COUNSEL'S REPORT

None.

19. BOARD MEMBER COMMENTS

None.

20. CLOSED SESSION

A closed session was held for:

Conference with Labor Negotiator; Agency Negotiator: Michael T. Thornton, General Manager; Unrepresented Employees: All Non-Contract Employees pursuant to Gov. Code Section 54957.6.

Conference with Real Property Negotiators (Gov. Code 54956.8)
 Property: 2695 Manchester Ave. Cardiff By The Sea, CA 92007
 Agency Negotiator: Michael Thornton, General Manager
 Negotiating Parties: The City of Encinitas
 Under Negotiation: Price and Terms of Payment

Conference with Real Property Negotiators (Gov. Code 54956.8)
 Property: Parcel Number 254-61-111
 Agency Negotiator: Michael Thornton, General Manager
 Negotiating Parties: San Dieguito Water District
 Under Negotiation: Price and Terms of Payment

No reportable actions were taken.

21. ADJOURNMENT

The meeting adjourned at 9:58 a.m. The next Board of Directors meeting is scheduled to be held on Tuesday, May 17, 2022 at 8:30 a.m.

Respectfully submitted,



Michael T. Thornton, P.E.
 General Manager

SAN ELIJO JOINT POWERS AUTHORITY
PAYMENT OF WARRANTS
22-04
For the Month of April 2022

Warrant #	Vendor Name	G/L Account	Warrant Description	Amount
41054	A-Check Global	Preemployment Screening	New employee	\$ 157.53
41055	Kaye Communications	Services - Professional	Communication support	2,100.00
41056	Allied Storage Containers	Equipment Rental/Lease	20' and 40' storage container - 04/01/22 - 04/30/22	359.89
41057	AT&T	Utilities - Telephone	Phone service - 02/13/22 - 03/12/22	577.25
41058	ATAC Inc	Service - IT Support	Security badging software maintenance renewal	462.00
41059	James Conor Dolan	Services - Maintenance	Bee removal/relocation	340.00
41060	Black & Veatch	Services - Engineering	Dewatering facilities upgrades through 03/04/22	32,126.25
41061	California State Lands Commiss	Fees - Permits	Recycled water easement renewal	79.29
41062	California Water Technologies	Supplies - Chem - Ferric Chlo	Ferric chloride	6,077.36
41063	CS-Amsco	Repair Parts Expense	Cast iron plug valve	3,783.77
41064	CWEA Membership	Dues & Memberships	Certificate renewal - M. Henke	96.00
41065	EDCO Waste & Recycling Service	Utilities - Trash	Mar	356.90
41066	Enthalpy Analytical, LLC	Services - Laboratory	Laboratory toxicity testing services for Feb 2022	1,050.00
41067	Eurofins Calscience, LLC	Services - Laboratory	Testing water samples	1,028.00
41068	Excel Landscape, Inc.	Services - Landscape	Grounds maintenance service - Mar	4,202.00
41069	Ferguson Enterprises LLC	Repair Parts Expense	Pipe couplings	890.91
41070	Grainger, Inc.	Repair Parts Expense	Exhaust fan	203.07
41071	Hardy Diagnostics	Supplies - Lab	Various supplies	1,539.85
41072	IWater, Inc.	Services - Maintenance	Valve turning services and maintenance	10,415.00
41073	Lawson Products Inc.	Supplies - Shop & Field	Dark grey maintenance paint	4.79
41074	Marine Taxonomic Services, LTD	Services - Contractors	Intensive WQ monitoring - Offshore sample collection - Mar 2022	2,390.00
41075	McMaster-Carr Supply Co.	Repair Parts & Supplies	Various supplies	1,794.17
41076	Midas Shop	Vehicle Maintenance	RW vehicle maintenance service	73.68
41077	Precision Balance Specialist	Services - Professional	Balance scale calibrations	360.00
41078	ProBuild Company, LLC	Supplies - Shop & Field	Tools	23.04
41079	Procopio Cory Hargreaves	Services - Legal	General, Labor and employment - Feb	15,367.95
41080	ReadyRefresh	Supplies - Office	Kitchen supplies	99.06
41081	Rockwell Solutions	Repair Parts Expense	Digester #2 recirculation pump parts	3,766.13
41082	RSF Security Systems	Services - Alarm	Alarm panel for MBPS	440.00
41083	Rusty Wallis, Inc.	Services - Maintenance	Water softener, tank service and salt delivery	288.78
41084	Santa Fe Irrigation District	Utilities - Water	Water & recycled water	1,556.44
41085	San Dieguito Water District	Utilities - Water	Water & recycled water	1,094.65
41086	San Dieguito Water District	Utilities - Water	Water & recycled water	1,693.79
41087	Thatcher Company of California	Supplies - Chemicals	Aluminum sulfate	6,001.50
41088	Trussell Technologies, Inc	Services - Engineering	Recycled water quality enhancement and storage evaluation	11,968.00
41089	U.S. CAD	Licenses	Bluebeam license renewal	3,816.00
41090	Unifirst Corporation	Services - Uniforms, Supplies - Shop & Field	Uniform service, nitrile gloves	1,415.67
41091	UPS	Postage/Shipping	Shipping	132.53
41092	Underground Service Alert/SC	Services - Alarm	Dig alert - Apr	148.60
41093	USA Bluebook	Supplies - Lab	Various supplies	2,847.01
41094	Vantagepoint Transfer Agents	EE Deduction Benefits	ICMA - 457	9,077.59
41095	Vantagepoint Transfer Agents	ICMA Retirement	ICMA - 401a	4,559.89
41096	Volt Management Corp	Services - Temp	Internship program period ending - 02/04/22 to 03/25/22	5,064.80
41097	VWR International, Inc.	Supplies - Lab	Glass filters	857.52
41098	WageWorks	Payroll Processing Fees	Admin fee - Mar	134.00
41099	Willdan Financial Services	Services - Accounting	Arbitrage services	2,000.00
41100	Affordable Drain Services	Services - Contractors	Grit chamber service	1,155.00
41101	AT&T	Utilities - Telephone	Alarm service - Apr	410.89
41102	Black & Veatch	Services - Engineering	Dewatering facilities design through 04/01/22	58,011.25
41103	CDM Smith	Services - Engineering	As-needed engineering support - 03/06/22 - 04/09/22	3,432.50
41104	Corodata	Rent	Record storage - Mar	150.37
41105	D&H Water Systems	Repair Parts Expense	Rotor body unit and motor	621.62
41106	City of Encinitas	Service - IT Support	IT Services - Mar	8,265.43
41107	Environmental Express, Inc.	Supplies - Lab	BOD bottles	856.41
41108	ERA	Supplies - Lab	Annual proficiency testing supplies	2,216.99
41109	Evoqua Water Technologies	Supplies - Chem - Odor	Bioxide	5,975.39
41110	GHE Repair Service, Inc.	Services - Maintenance	Annual autoclave servicing	1,336.99
41111	Grainger, Inc.	Repair Parts Expense	North exhaust fan	203.07
41112	Hardy Diagnostics	Supplies - Lab	Deionized water	610.22
41113	Horrocks Engineers	Services - Engineering	MBPS modifications design through 03/31/22	17,374.50
41114	Joncowest LTD	Supplies & Services - Janitorial	Janitorial services and supplies - Mar	2,582.69
41115	Liquid Environmental Solution	Services - Grit & Screenings, Grease & Scum	Roll off bin delivery, Pumping service	4,255.00
41116	McMaster-Carr Supply Co.	Repair Parts Expense	Various supplies	2,366.80
41117	Michael Baker International	Services - Engineering	Plume tracking study through 04/03/22	100,047.72
41118	Oasis Palm Nursery, Inc.	Services - Landscape	Spring service - tree maintenance	925.00
41119	Olivenhain Municipal Water Dis	Rent	Pipeline rental payment - Mar	7,470.00
41120	Pacific Pipeline Supply	Repair Parts Expense	Valve, gasket and bolt nut set	738.92
41121	Roesling Nakamura Terada Archi	Services - Professional	WCI project services - 02/01/22 - 02/28/22	872.00
41122	Santa Fe Irrigation District	SFID Distribution Pipeline	Pipeline purchase payment	1,693.18
41123	SCAP	Dues & Memberships	Annual membership dues FY 2022/2023	8,570.00
41124	Aaron Simonson	Supplies - Safety	Employee reimbursement - Lab TNI binders and safety glasses	402.38
41125	Terminix Processing Center	Services - Maintenance	Pest control service	441.00
41126	Michael Thornton	Accounts Receivable Control	Employee reimbursement - Health and wellness program	50.00
41127	Unifirst Corporation	Services - Uniforms	Uniform service	562.20
41128	Univar Solutions USA Inc.	Supplies - Chem - Odor	Caustic soda	1,966.04
41129	USA Bluebook	Supplies - Lab	Various supplies	766.65
41130	Vantagepoint Transfer Agents	EE Deduction Benefits	ICMA - 457	8,822.97
41131	Vantagepoint Transfer Agents	ICMA Retirement	ICMA - 401a	4,461.33
41132	Verizon Wireless	Utilities - Telephone	03/11/22 - 04/10/22	652.32
41133	Verizon Wireless	Utilities - Telephone	Phone service - 03/08/22 - 04/07/22	1,073.72
41134	VWR International, Inc.	Supplies - Lab	Various supplies	1,072.54
41135	WaterReuse	Dues & Memberships	Membership - SEJPA	1,128.75
41136	WorkPartners Occupational	Services - Medical	Covid-19 test	342.00
41137	County of San Diego	Fees - Permits	APCD Permit fee for new generator	5,235.00
On-line 643	Fuelman	Fuel	Mar	1,557.59
On-line 644	JCI Jones Chemicals, Inc	Supplies - Chem - Sodium Hypo	Sodium hypochlorite	4,002.35
On-line 645	P.E.R.S.	Medical Insurance - Pers	Health - Apr	24,662.45
On-line 646	Public Employees- Retirement	Retirement Plan - PERS	Retirement - 03/19/22 - 04/01/22	16,423.88
On-line 647	ReadyRefresh	Supplies - Lab	Kitchen and lab supplies	771.50
On-line 648	Aflac	EE Deduction Benefits	Aflac - Apr	339.60
On-line 649	BankCard Center	Vehicle Maintenance	Various supplies	4,507.30
On-line 650	Michelle Pizer	Training	Executive leadership training - (3 & 4 of 4 payments)	7,500.00
On-line 651	Public Employees- Retirement	Retirement Plan - PERS	Retirement - 04/02/22 - 04/15/22	16,208.21
On-line 652	San Diego Gas & Electric	Utilities - Gas & Electric	Gas and electric - 03/11/22 - 04/08/22	80,675.74
On-line 653	Sun Life Financial	Life Insurance/Disability	Life and disability insurance - May	1,876.29
On-line 654	Fuelman	Fuel	Apr	2,630.17
	San Elijo Payroll Account	Payroll	Payroll - 04/08/2022	88,429.38
	San Elijo Payroll Account	Payroll	Payroll - 04/22/2022	88,123.24
				<u>\$ 737,647.20</u>

SAN ELIJO JOINT POWERS AUTHORITY
PAYMENT OF WARRANTS SUMMARY

**For the Month of April 2022
As of April 30, 2022**

PAYMENT OF WARRANTS \$ 737,647.20
Reference Number 22-04

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.



Amy Chang
Director of Finance & Administration

STATEMENT OF FUNDS AVAILABLE FOR PAYMENT OF WARRANTS
AND INVESTMENT INFORMATION
As of April 30, 2022

FUNDS ON DEPOSIT WITH	AMOUNT
LOCAL AGENCY INVESTMENT FUND <i>(MARCH 2022 YIELD 0.365%)</i>	
UNRESTRICTED DEPOSITS	16,897,364.04
CALIFORNIA BANK AND TRUST <i>(2022 APRIL YIELD 0.01%)</i>	
REGULAR CHECKING	135,356.69
PAYROLL CHECKING	5,000.00
PARS - TRUSTEE (POST-EMPLOYMENT BENEFITS TRUST) <i>(MARCH 2022 YIELD -0.22%)</i>	437,697.92
TOTAL RESOURCES	\$ 17,475,418.65

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

May 17, 2022

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: General Manager

SUBJECT: WASTEWATER TREATMENT 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 National Pollutant Discharge Elimination System (NPDES) ocean effluent limitation requirements for the month of March 2022. 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 **98.3** and **98.8** percent removal, respectively, during the month of March.

Exceptional Water Treatment

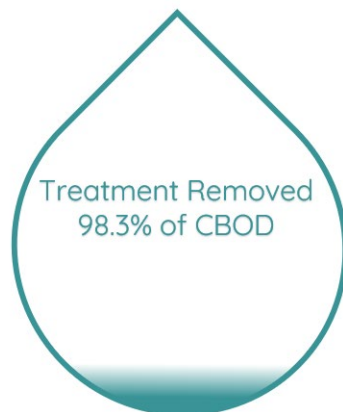
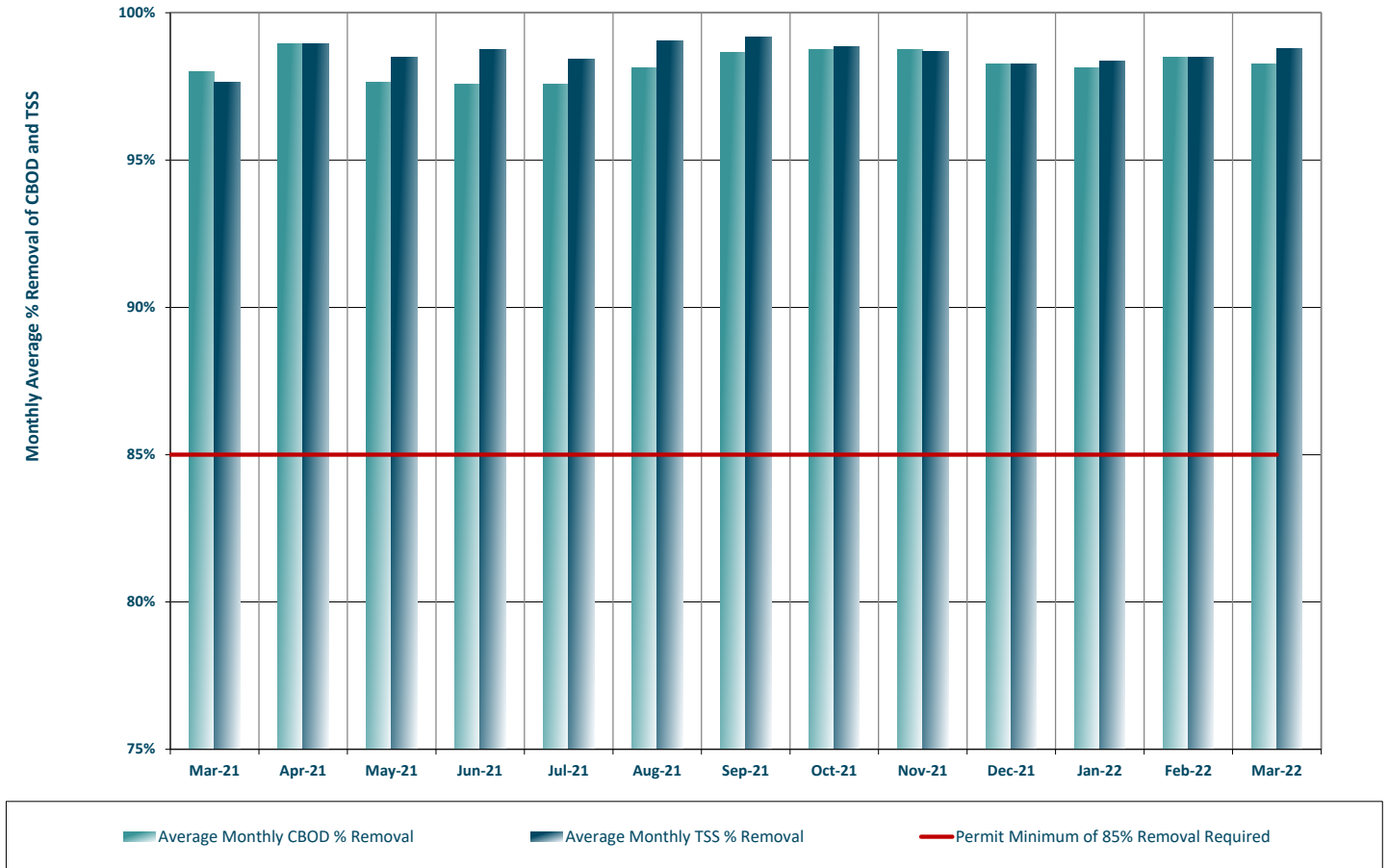


Figure 1 (below) shows historic treatment performance trends for the removal of CBOD and TSS over the last 13 months compared to the permit minimum removal requirement of 85%.

Figure 1: Wastewater Treatment Performance of the SEJPA % Removal of Carbonaceous Biochemical Oxygen Demand (CBOD) and Total Suspended Solids (TSS)



Figures 2 and 3 (below) show historic influent vs effluent CBOD and TSS concentration fluctuations in the strength of the wastewater being received and discharged by the SEJPA.

FIGURE 2: TREATED EFFLUENT FLOWS REMOVAL OF CBOD

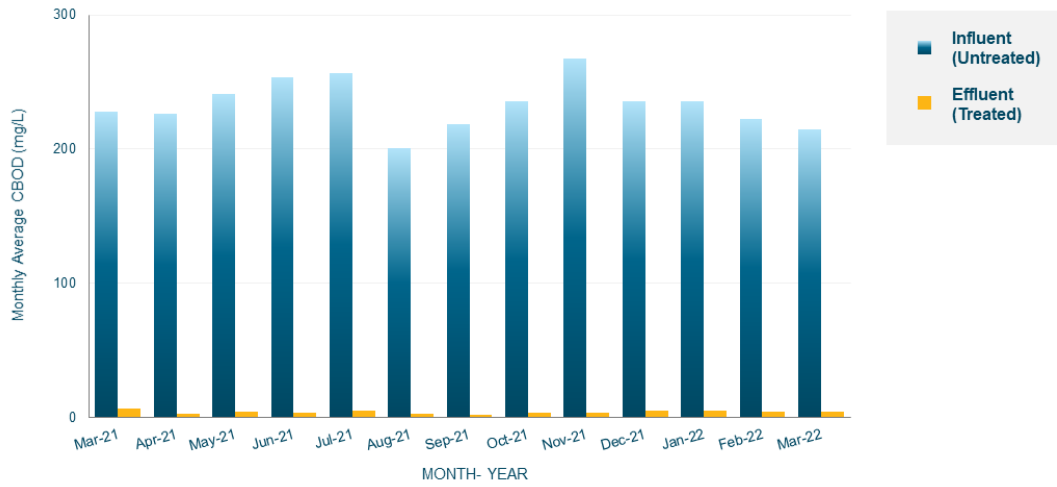
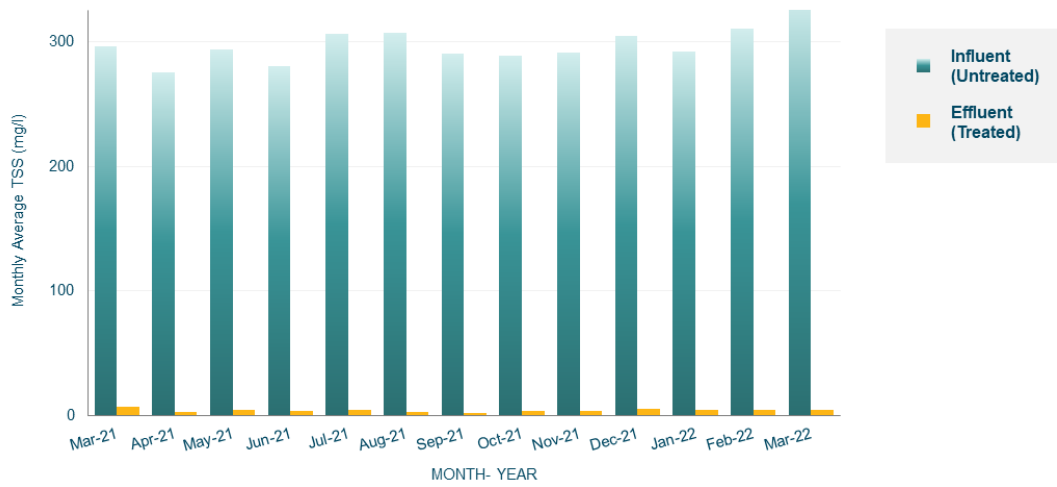


FIGURE 3: TREATED EFFLUENT FLOWS REMOVAL OF TSS



Member Agency Flows

Table 1 (below) presents the influent and effluent flows for the month of March. Average daily influent flows were recorded for each Member Agency. Total effluent flow was calculated for the San Elijo Water Campus. Approximately 51% of the influent flow was recycled for irrigation use.

TABLE 1 - INFLUENT AND EFFLUENT FLOWS IN MARCH

MARCH			
	Influent (mgd)	Recycled Water (mgd)	Effluent (mgd)*
Cardiff Sanitary Division	1.176	0.596	0.580
City of Solana Beach	0.946	0.480	0.466
Rancho Santa Fe SID	0.142	0.072	0.070
City of Del Mar	0.307	0.156	0.151
Total San Elijo Water Campus Flow	2.571	1.304	1.267

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

Table 2 (below) presents the historical average and unit influent rates per month for each of the Member Agencies during the past 3 years. It also presents the number of connected Equivalent Dwelling Units (EDUs) for each of the Member Agencies during this same time period.

TABLE 2 - SAN ELIJO WATER CAMPUS MONTHLY REPORT - FLOWS AND EDUS

MONTH	AVERAGE DAILY INFLUENT FLOW RATE (MGD)					CONNECTED EDUs					AVERAGE UNIT INFLUENT FLOW RATE (GAL/EDU/DAY)					
	CSD	RSF	CSD	SB	DM	TOTAL PLANT	CSD	RSF	CSD	SB	DM	TOTAL EDUS	CSD	RSF	SB	DM
Jan-19	1.269	0.153	0.975	0.384	2.781	8,491	566	8,083	2,611	19,751	149	271	121	147	141	
Feb-19	1.400	0.173	0.935	0.309	2.817	8,492	566	8,083	2,611	19,752	165	306	116	137	145	
Mar-19	1.200	0.149	0.908	0.340	2.597	8,493	568	8,083	2,611	19,755	141	263	112	132	132	
Apr-19	1.119	0.138	0.887	0.334	2.478	8,494	568	8,083	2,611	19,756	132	243	110	128	125	
May-19	1.125	0.133	0.880	0.361	2.499	8,494	568	8,083	2,611	19,756	132	234	109	138	126	
Jun-19	1.162	0.126	0.903	0.507	2.698	8,504	568	8,083	2,611	19,766	137	222	112	194	136	
Jul-19	1.127	0.128	0.924	0.546	2.725	8,504	568	8,083	2,611	19,766	133	226	114	209	138	
Aug-19	1.148	0.126	0.938	0.567	2.779	8,505	570	8,105	2,612	19,792	135	221	116	217	140	
Sep-19	1.131	0.132	0.918	0.393	2.574	8,507	570	8,105	2,612	19,794	133	232	113	150	130	
Oct-19	1.120	0.124	0.914	0.378	2.536	8,507	571	8,105	2,612	19,795	132	217	113	145	128	
Nov-19	1.230	0.137	0.927	0.437	2.731	8,510	571	8,105	2,612	19,798	145	240	114	172	138	
Dec-19	1.347	0.173	0.946	0.483	2.949	8,516	571	8,105	2,612	19,804	158	303	117	185	149	
Jan-20	1.194	0.163	0.917	0.410	2.684	8,517	571	8,105	2,612	19,805	140	286	113	157	136	
Feb-20	1.176	0.146	0.919	0.352	2.593	8,517	571	8,105	2,612	19,805	138	256	113	135	131	
Mar-20	1.432	0.185	0.907	0.389	2.913	8,519	572	8,105	2,612	19,808	168	324	112	149	147	
Apr-20	1.720	0.231	0.912	0.377	3.240	8,522	572	8,105	2,612	19,811	202	404	113	153	164	
May-20	1.293	0.158	0.853	0.304	2.608	8,523	573	8,105	2,612	19,813	152	276	105	133	132	
Jun-20	1.251	0.164	0.897	0.434	2.746	8,534	576	8,105	2,612	19,826	147	285	111	179	139	
Jul-20	1.231	0.157	0.937	0.548	2.873	8,535	576	8,110	2,616	19,837	144	273	116	222	145	
Aug-20	1.226	0.156	0.950	0.478	2.810	8,540	577	8,110	2,616	19,843	144	271	117	194	142	
Sep-20	1.225	0.151	0.956	0.362	2.694	8,540	578	8,110	2,616	19,844	143	261	118	146	136	
Oct-20	1.197	0.142	0.940	0.316	2.595	8,543	579	8,110	2,616	19,848	140	245	116	128	131	
Nov-20	1.200	0.142	0.927	0.341	2.610	8,543	579	8,110	2,616	19,848	140	245	114	138	131	
Dec-20	1.217	0.141	0.893	0.304	2.555	8,543	579	8,110	2,616	19,848	142	244	110	123	129	
Jan-21	1.238	0.150	0.909	0.323	2.620	8,543	579	8,110	2,616	19,848	145	259	112	129	132	
Feb-21	1.224	0.151	0.926	0.306	2.607	8,548	579	8,110	2,616	19,853	143	261	114	121	131	
Mar-21	1.291	0.160	0.968	0.332	2.751	8,548	579	8,110	2,616	19,853	151	277	119	131	139	
Apr-21	1.232	0.160	0.925	0.320	2.637	8,552	579	8,110	2,616	19,857	144	277	114	129	133	
May-21	1.189	0.157	0.932	0.323	2.601	8,552	579	8,110	2,616	19,857	139	271	115	130	131	
Jun-21	1.218	0.148	0.938	0.358	2.662	8,554	579	8,110	2,616	19,859	142	256	116	145	134	
Jul-21	1.183	0.144	0.972	0.435	2.734	8,554	579	8,124	2,616	19,873	138	249	120	178	138	
Aug-21	1.178	0.150	0.966	0.480	2.774	8,556	579	8,124	2,616	19,875	138	259	119	196	140	
Sep-21	1.153	0.129	0.948	0.353	2.583	8,557	579	8,124	2,616	19,876	135	223	117	144	130	
Oct-21	1.225	0.126	0.885	0.329	2.565	8,557	579	8,124	2,616	19,876	143	218	109	139	129	
Nov-21	1.156	0.131	0.911	0.329	2.527	8,557	581	8,124	2,616	19,878	135	226	112	135	127	
Dec-21	1.264	0.145	0.913	0.310	2.632	8,557	581	8,124	2,616	19,878	148	250	112	127	132	
Jan-22	1.174	0.140	0.906	0.357	2.577	8,557	581	8,124	2,616	19,878	137	241	112	145	130	
Feb-22	1.113	0.158	0.929	0.300	2.500	8,557	581	8,124	2,616	19,878	130	272	114	120	126	
Mar-22	1.176	0.142	0.946	0.307	2.571	8,557	581	8,124	2,616	19,878	137	245	116	123	129	

CSD: Cardiff Sanitary Division

RSF CSD: Ranch Santa Fe Community Service District

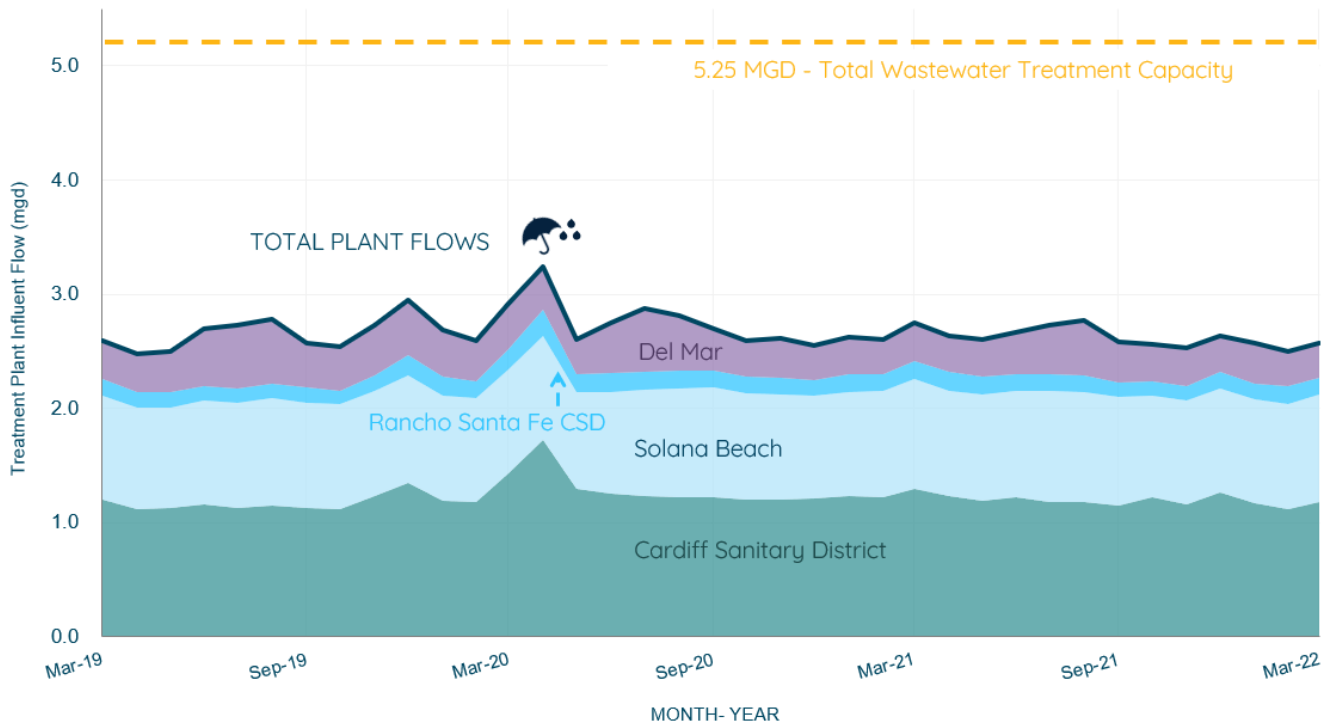
SB: Solana Beach

DM: City of Del Mar

EDU: Equivalent Dwelling Unit

Figure 4 (below) presents the 3-year historical average daily flows per month for each Member Agency. This is to provide a historical overview of the average flow treated for each agency. Also shown in Figure 4 is the total wastewater treatment capacity of the water campus, 5.25 mgd, of which each Member Agency has the right to 2.2 mgd, Rancho Santa Fe Community Service District leases 0.25 mgd, and the City of Del Mar leases 0.60 mgd.

FIGURE 4: SEJPA AVERAGE DAILY FLOWS OVER THE PAST 3 YEARS



City of Escondido Flows

The average and peak flow rate for the month of March 2022 from the City of Escondido's Hale Avenue Resource Recovery Facility, which discharges through the San Elijo Ocean Outfall, is reported below in Table 3.

TABLE 3 - CITY OF ESCONDIDO FLOWS

	Flow (mgd)
Escondido (Average flow rate)	9.26
Escondido (Peak flow rate)	18.5

Connected Equivalent Dwelling Units

The City of Solana Beach and the City of Del Mar updated the number of connected EDUs that is reported to the SEJPA in July 2021. The City of Encinitas and Rancho Santa Fe CSD update their connected EDUs report every month. The number of EDUs connected for each of the Member Agencies and lease agencies is reported in Table 4 below.

TABLE 4 - CONNECTED EDUs BY AGENCY

	Connected (EDU)
Cardiff Sanitary Division	8,557
Rancho Santa Fe SID	581
City of Solana Beach	7,787
San Diego (to Solana Beach)	337
City of Del Mar	2,616
Total EDUs to System	19,878

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

May 17, 2022

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: General Manager

SUBJECT: RECYCLED WATER REPORT

RECOMMENDATION

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

DISCUSSION

Recycled Water Production

For the month of March 2022, recycled water demand was 111.2 acre-feet (AF), which was met using 110.9 AF of recycled water and 0.3 AF supplementation with potable water.

March demand was 83.2% above budget expectations of 61 AF due to dry winter weather in the area coupled with Caltrans reconnecting irrigation to recycled water as part of the I-5 Freeway construction improvements. The total water production for the first nine months of FY 2021-22 was slightly above budget by 3.3%.

Figure 1 (attached) provides a graphical view of annual recycled water demand spanning the last 10 fiscal years, with the overlay of annual rainfall. Since the recycled water program primarily serves outdoor irrigation, annual demand is reduced during wet periods and increases during times of drought. Figure 2 (attached) shows the monthly recycled water demand for each March for the last ten years to provide a year-over-year comparison. Figure 3 (attached) compares budget versus actual recycled water sales for FY 2021-22.

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager

FIGURE 1: RECYCLED WATER DEMAND AND RAINFALL COMPARISON

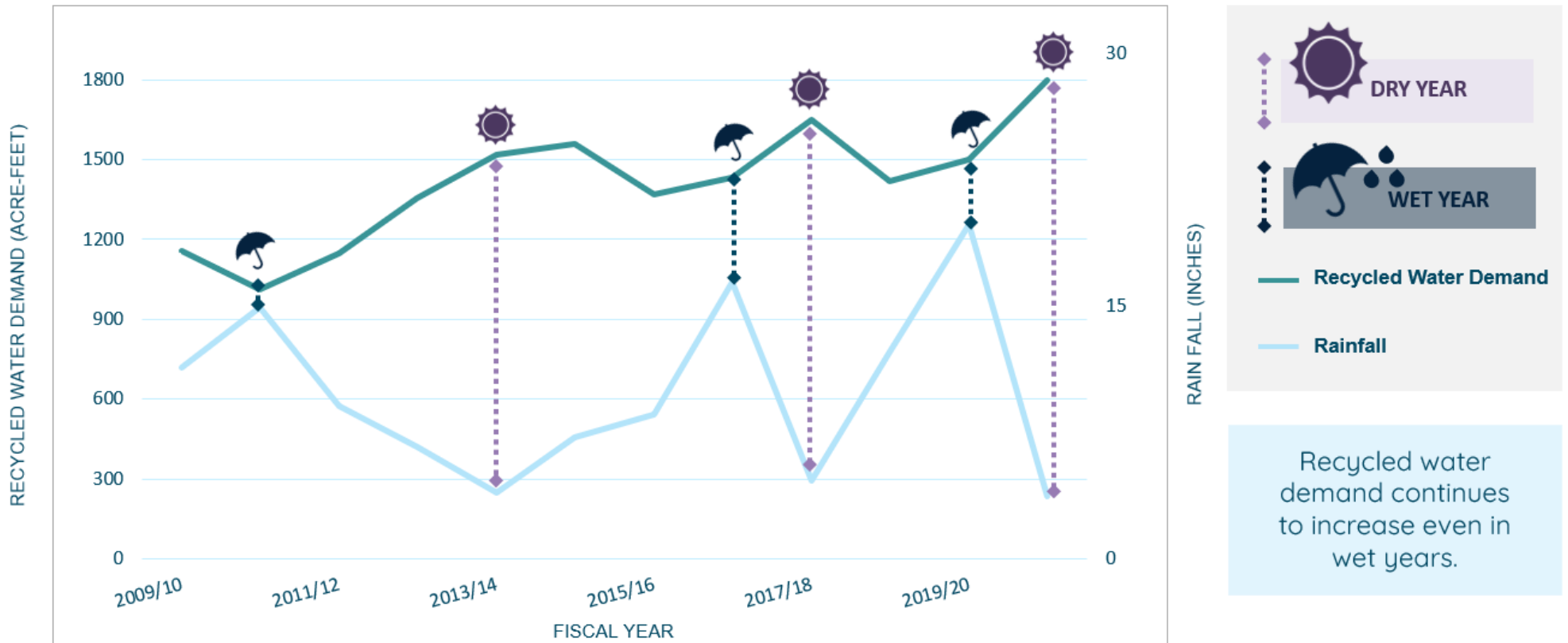


FIGURE 2: MARCH RECYCLED WATER DEMAND

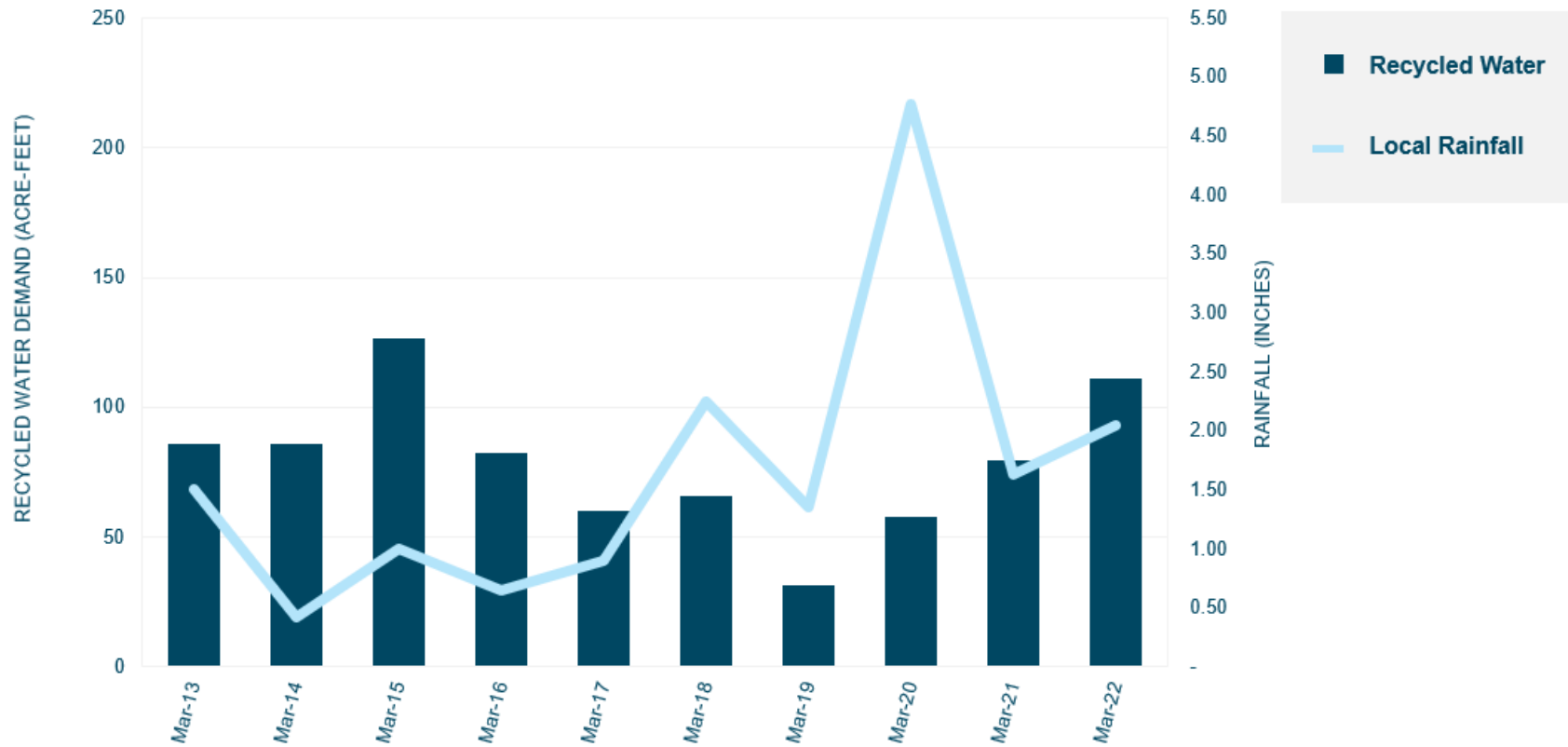
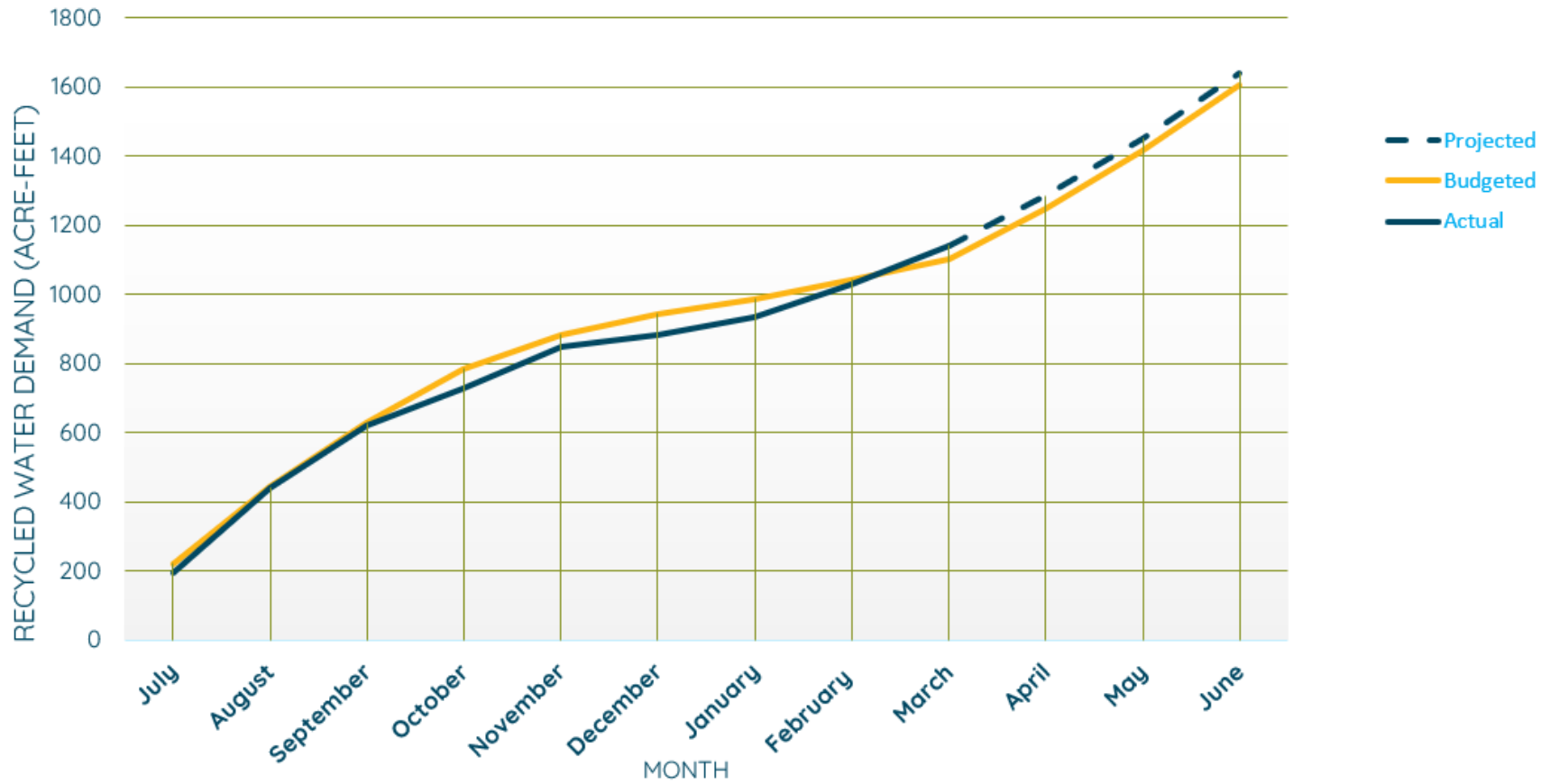


FIGURE 3: FY2021/22 CUMULATIVE DEMAND VS BUDGET



*

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

May 17, 2022

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: General Manager

SUBJECT: REPORTABLE MEETINGS

RECOMMENDATION

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

BACKGROUND

The General Manager or his designee may meet monthly with one or more Board Members in preparation for the Board Meeting.

DISCUSSION

The following meetings have taken place since the previous Board Meeting:

1. Meeting to review Board Meeting Agenda with Board Chair Hinze on April 15, 2022.

FINANCIAL IMPACT

Per the SEJPA Restatement Agreement, SEJPA pays the Board Member \$160 for each reportable meeting. These meetings are accounted for in our annual budget.

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

May 17, 2022

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: General Manager

SUBJECT: ALUMINUM SULFATE PURCHASE AMENDMENT

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the General Manager to amend the chemical purchase agreement with Thatcher Company of California for provision of Aluminum Sulfate for the second-year amount of \$86,400; and
2. Discuss and take action as appropriate.

BACKGROUND

The San Elijo Joint Powers Authority (SEJPA) uses aluminum sulfate in the production of recycled water. Aluminum sulfate serves as a coagulant to draw disperse particles together forming larger particles or “floc” that is more easily filtered out of the water. Water with less particles and better clarity is generally easier to disinfect, which is key to meeting water quality standards. The recycled water permit requires daily collection of samples to analyze for clarity (also known as turbidity) and presence of coliform bacteria.

SEJPA publicly advertised a contract to provide aluminum sulfate in March 2021 and bids were opened on April 29, 2021. The contract was for one fiscal year with two additional one-year optional years ending June 30, 2024.

DISCUSSION

In February 2022 Thatcher notified SEJPA that due to raw material cost increases they needed to increase the price by approximately 15% to continue supplying chemical for the first optional year. Subsequently, SEJPA advertised a bid to provide aluminum sulfate for FY 2022-23 to assess the current market rate. Bids were opened on March 15, 2022, and only one bid was received. However, the bidder withdrew their bid when the bidder realized that they made a mistake in their bid amount. Staff then made another attempt to negotiate pricing with Thatcher

for the first optional year of their existing contract resulting in a price increase of 8% instead of the original 15% requested.

FINANCIAL IMPACT

Staff recommends exercising the first optional year of the contract with an 8% increase to \$582.50 per ton for FY 2022-23. This results in increasing the contract value by \$86,400 for a not-to-exceed value of \$166,400. The additional \$86,400 is within the proposed FY 2022-23 Supplies and Services budget allowance for the Recycled Water Program.

It is therefore recommended that the Board of Directors:

1. Authorize the General Manager to amend the chemical purchase agreement with Thatcher Company of California for provision of aluminum sulfate for the second-year amount of \$86,400; and
2. Discuss and take action as appropriate.

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager

Attachment 1: Thatcher Contract Extension Offer Letter

THATCHER COMPANY OF Nevada, INC.



Dear Mr. Chris Trees,

Thatcher Company of California, Inc. is pleased to offer an extension of the previous contract with updated pricing below and the same terms for another year valid on shipments from 7/1/2022 to 6/30/2023.

- Aluminum Sulfate-Liquid, 8.3%AL203: \$582.5 per liquid ton

*

AGENDA ITEM NO. 13

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

May 17, 2022

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: General Manager

SUBJECT: AWARD OF CONTRACT FOR PROCUREMENT OF SODIUM HYPOCHLORITE

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the General Manager to enter into an agreement with Olin Corporation for the procurement of Sodium Hypochlorite for an amount not to exceed \$130,000; and
2. Discuss and take action as appropriate.

BACKGROUND

San Elijo Joint Powers Authority (SEJPA) and Encina Wastewater Authority (EWA) operate water pollution control facilities and water reclamation facilities in north coastal San Diego County. Over the last several years, the agencies have partnered to identify opportunities to share resources, collaborate on mutual aid, and create efficiencies to reduce costs and improve service.

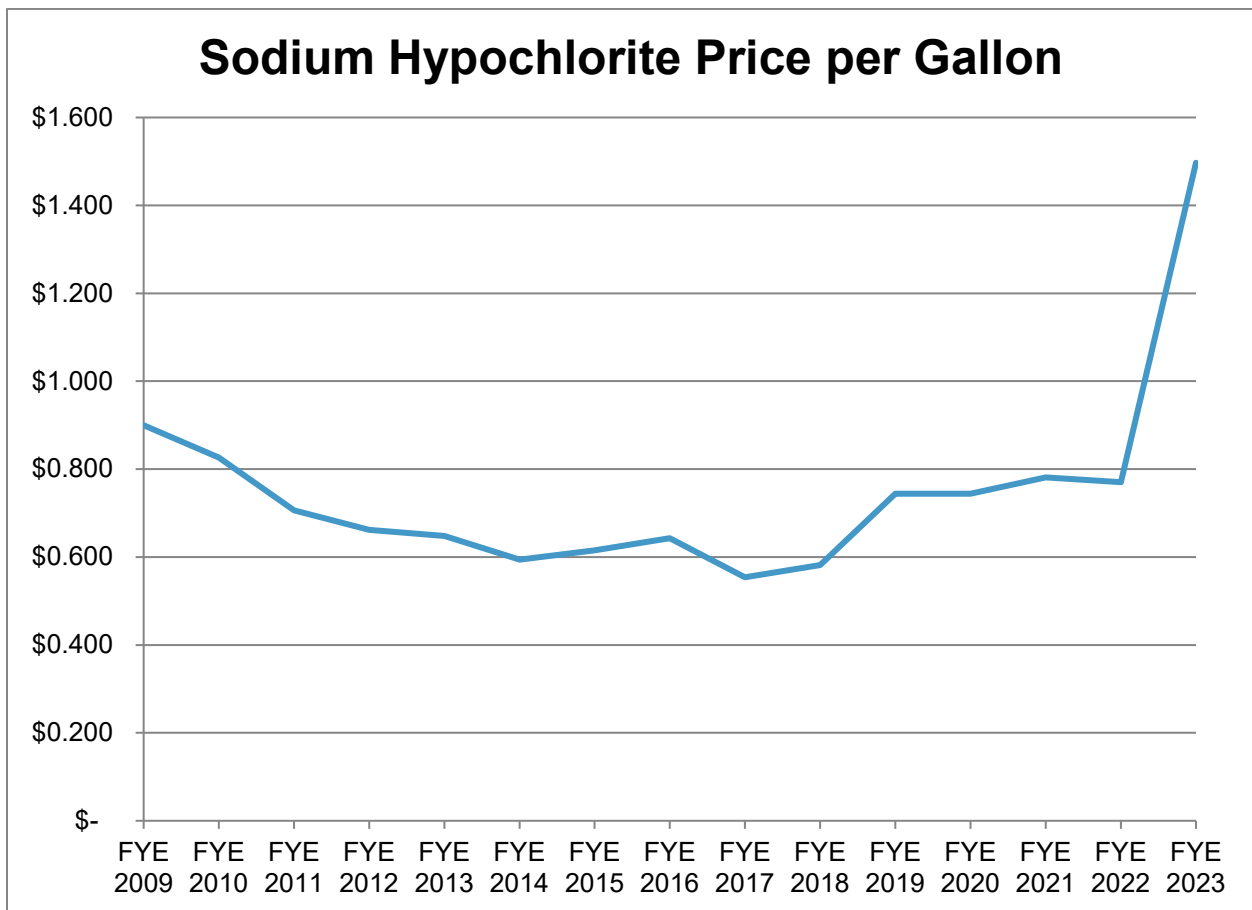
In 2016, EWA and SEJPA examined opportunities to reduce cost through bulk purchasing of supplies and services. Staff identified two chemicals (Sodium Hypochlorite and Ferric Chloride) that are common to the operation of both agencies and that are purchased in large quantities, usually through multi-year contracts.

DISCUSSION

SEJPA and EWA staff prepared a bid solicitation for Sodium Hypochlorite, which was advertised electronically on Planet Bids and bids were received on April 14, 2022. The bids received were as follows:

Company	Bid Results
Olin Corporation	\$1.497 per gallon
Jones Chemical Incorporated	\$1.590 per gallon
UNIVAR	No Bid

Olin Corporation submitted the low bid, which is slightly less than double the current contract price that is set to expire June 30, 2022. Based on SEJPA review of the bids and discussions with industry representatives, it appears that there are several factors that have influenced the price increase including raw materials and manufacturing costs coupled with higher transportation and fuel costs. Historically, the unit price of \$1.497 is the highest price that the SEJPA has received over the last 15 years.



FISCAL IMPACT

The FY 2022-23 Recommended Budget will be adjusted to include \$130,000 for Sodium Hypochlorite. The largest use of Sodium Hypochlorite in the treatment process is for disinfection of recycled water. The annual use of Sodium Hypochlorite can vary based on the volume of recycled water sold. Based on typical usage over the past 5-years, estimated actual cost for FY 2022-23 is forecast between \$110,000 and \$130,000.

It is therefore recommended that the Board of Directors:

1. Authorize the General Manager to enter into an agreement with Olin Corporation for the procurement of Sodium Hypochlorite for an amount not to exceed \$130,000; and
2. Discuss and take action as appropriate.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "M. Thornton", written over a horizontal line.

Michael T. Thornton, P.E.
General Manager

Attachment 1: Olin Corporation Bid Form

Attachment 1

This form is required.
Failure to submit a bid upon this form shall constitute grounds for rejection of the bid.

~~~ BEGIN COST BID FORM ~~~

**BID FORM**

TO: SAN ELIJO JOINT POWERS AUTHORITY  
2695 MANCHESTER AVE.  
CARDIFF BY THE SEA, CA 92007

FOR: FURNISH AND DELIVER SODIUM HYPOCHLORITE FOR THE ENCINA WATER  
POLLUTION CONTROL FACILITY, THE CARLSBAD WATER RECLAMATION  
FACILITY AND THE SAN ELIJO WATER RECLAMATION FACILITY

UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

**A. BID IRREVOCABLE FOR SIXTY DAYS**

This bid, as presented herein, is irrevocable, and may not be withdrawn for a period of sixty days after the date set for the opening of bids.

**B. SCHEDULE OF PRICES**

All prices quoted are F.O.B. JOB SITE furnished and delivered with all applicable taxes, excluding applicable sales taxes, and with all applicable patent rights or royalties. FREIGHT AND FULL INSURANCE SHALL BE PAID BY THE BIDDER to the job site. The Contractor may add an additional amount for applicable sales taxes on its invoices to the Owner.

**C. PRICE OF THIS BID**

\$ 1.497\* Price per gallon of Sodium Hypochlorite (12.5% solution)  
(Written in Figures)

\$ One dollar, Forty-nine and 7/10 cents  
(Written in Words)

\* cost basis is min. 4,000 gals. per delivery.

**D. COSTS INCLUDED IN PRECEDING BID**

The undersigned declares that the cost for all labor, materials, equipment, and incidentals, excluding applicable sales tax, necessary for the following is included in the Lump Sum Price of this Bid Proposal: FURNISHING AND DELIVERY OF SODIUM HYPOCHLORITE IN CONFORMANCE WITH APPLICABLE SAFETY ORDERS.

<Continued on Next Page>

**E. COMPANY DATA**

Legal name of bidder: [Olin Corporation, dba Olin Chlor Alkali Products and Vinyls](#)

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The full names and residences of all persons and parties interested in the foregoing Bid Proposal as principals are as follows:

(NOTICE: Give first and last names in full; in case of corporation, give names of President, Secretary, Treasurer, and Manager, and in case of partnerships and joint ventures, give names and Post Office addresses of all the individual members.)

[Scott M. Sutton, Chairman, President and CEO, 190 Carondelet Plaza, Suite 1530, Clayton, MO 63105](#)

[Patrick M. Schumacher, VP and President Chlor Alkali Products, 190 Carondelet Plaza, Suite 1530, Clayton, MO 63105](#)

[Rene Whigham, VP Global Chlor Alkali, 490 Stuart Road, NE, Cleveland, TN 37312](#)

[Todd A. Slater, VP and CFO, 190 Carondelet Plaza, Suite 1530, Clayton, MO 63105](#)

Business address: [26700 South Banta Road](#)

[Tracy, CA 95304](#)

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Telephone [209-835-7204](#)

Facsimile [209-835-9760](#)

Contact [John M. Schabacker, Business Director](#)

Email [JMSchabacker@olin.com](#)

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F. CLOSING STATEMENT

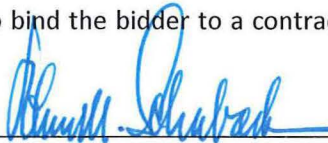
In signing below, bidder certifies that its total bid amount requests sufficient funds to allow Contractor to comply with all applicable laws or regulations governing the goods and services to be provided under the contract. Furthermore, Contractor hereby indemnifies Owner for liabilities and penalties for violations of Labor Code Section 2810.

In conformance with current requirements of Section 1861 of the Labor Code of the State of California, the undersigned confirms the following as his certification:

I am aware of the provisions of Section 3700 of the Labor Code, which requires every employer to be insured against liability for workers' compensation or undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

The undersigned has the legal authority to bind the bidder to a contract for the execution of the work object of this Bid.

Respectfully submitted by:  
(Signature)



I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this statement was executed on

April 13, 20 22

at Tracy, California.

Clearly printed name:

John M. Schabacker

Position:

Business Director

Seal:

Co-signed or attested:  
(Signature)



I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this statement was executed on

4-13, 20 22

at Tracy, California.

Clearly printed name

Kathleen E. Eells, Marketing Analyst

~~~END COST BID FORM~~~

SAN ELIJO JOINT POWERS AUTHORITY
MEMORANDUM

May 17, 2022

TO: Board of Directors
San Elijo Joint Powers Authority

FROM: Director of Finance and Administration

SUBJECT: SAN ELIJO JOINT POWERS AUTHORITY FISCAL YEAR 2022-23
RECOMMENDED BUDGET UPDATE

RECOMMENDATION

It is recommended that the Board of Directors:

1. Discuss and take action as appropriate.

BACKGROUND

Each year, the San Elijo Joint Powers Authority (SEJPA) prepares a recommended budget for the upcoming fiscal year. This budget was presented to the Board in April, and became a public document for comments and suggested changes by the Board, Member Agencies, the public, and other government agencies that receive services from the SEJPA. The recommended budget has been reviewed with staff from both Member Agencies and with other government agencies that utilize SEJPA services.

DISCUSSION

To date, SEJPA has not received any proposed changes from the Member Agencies or other participating government agencies, as well as no public comments. However, there are four reportable changes resulting in the following modifications to the recommended budget:

- Add \$37,000 to the Cardiff Pump Station Program to reflect the transfer of electric utility payment for the Olivenhain Pump Station (OPS) from the City of Encinitas to SEJPA. Previously, electric bills were sent to the City of Encinitas for payment. In September 2021, the City requested that SEJPA administer the electrical account in order to manage the electrical use more efficiently and to receive planned shutdown notifications from SDG&E timely. Although this change will increase SEJPA’s budget, it will have a similar cost reduction for the City’s sanitation division responsible for this pump station.
- Move \$22,500 from Recycled Water expense budget (pipeline rent) to debt service for Santa Fe Irrigation District (SFID) Pipeline Loan payment. This will account for new recycled water usage on a pipeline built by SFID and purchased by SEJPA in accordance with terms of the loan agreement.
- Add \$20,000 to the Recycled Water chemical expense budget to reflect the award of contract for procurement of Sodium Hypochlorite from Agenda Item No. 13, pending Board approval. The cost of Sodium Hypochlorite was estimated in the recommended budget and the actual bid price was higher than anticipated.

- Add a Recycled Water Supervisor position to the Classification and Salary Schedule to create a position series allowing for upward mobility and succession planning. This change does not affect the recommended budget.

These changes result in a 0.9% increase to the recommended revenue budgeted for the City of Encinitas and an increase in the recycled water expense of 0.2% from the recommended operating budget presented to the Board of Directors in April.

Actions taken from the current meeting will be incorporated into the FY 2022-23 budget, and be presented to the Board of Directors for adoption at the June meeting along with the investment policy and appointment of SEJPA Treasurer for FY 2022-23.

It is therefore recommended that the Board of Directors:

1. Discuss and take action as appropriate.

Respectfully submitted,



Amy Chang
Director of Finance and Administration