



**AGENDA
FINANCE AND ADMINISTRATION
COMMITTEE MEETING
OF THE BOARD OF DIRECTORS
INLAND EMPIRE UTILITIES AGENCY***

**WEDNESDAY, MAY 10, 2023
11:00 A.M.**

**AGENCY HEADQUARTERS
BOARD ROOM
6075 KIMBALL AVENUE, BUILDING A
CHINO, CALIFORNIA 91708
VIEW THE MEETING LIVE ONLINE AT IEUA.ORG
TELEPHONE ACCESS: (415) 856-9169 / Conf Code: 486 562 45#**

The public may participate and provide public comment during the meeting by dialing the number provided above. Comments may also be submitted by email to the Board Secretary/Office Manager Denise Garzaro at dgarzaro@ieua.org prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Board of Directors.

CALL TO ORDER

PUBLIC COMMENT

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to email the Board Secretary/Office Manager prior to the public comment section or request to address the Board during the public comments section of the meeting. Comments will be limited to three minutes per speaker. Thank you.

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

*A Municipal Water District

1. CONSENT ITEMS

A. MINUTES

Approve Minutes of the April 12, 2023, Finance and Administration Committee meeting.

B. REPORT ON GENERAL DISBURSEMENTS

Staff recommends that the Committee/Board approve the total disbursements for the month of March 2023, in the amount of \$22,875,439.94.

C. RECHARGE BASIN CLEANUP OF ILLEGAL DUMPING PROJECT FISCAL YEAR 2022/23 AND TOTAL PROJECT BUDGET AUGMENTATION

Staff recommends that the Committee/Board:

1. Approve a total project budget augmentation for Project No. EN21057 in the amount of \$172,470.15, from \$247,918.85 to \$420,398.00 (70% increase) in the Recharge Water (10300) Fund;
2. Approve a FY 2022/23 project budget augmentation for Project No. EN21057, in the amount of \$30,0000, from \$212,450.40 to \$242,450.40 (14% increase); and
3. Authorize the General Manager to approve the budget augmentation.

2. ACTION ITEMS

A. RP-1 DIGESTER 6 AND 7 REHABILITATION AND ROOF REPAIRS CONSTRUCTION CONTRACT AWARD

Staff recommends that the Committee/Board:

1. Award a construction contract for the RP-1 Digester 6 and 7 Roof Repairs and Rehabilitation, Project No. EN17042, to Innovative Construction Solutions, in the amount of \$4,930,500;
2. Approve a total project budget augmentation in the amount of \$3,417,318 to Project No. EN17042 increasing the budget from \$9,032,843 to \$12,450,161 in the Regional Operations and Maintenance (10800) Fund; and
3. Authorize the General Manager to execute the contract and budget augmentation, subject to non-substantive changes.

B. RP-1 SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) MIGRATION PROJECT CONSTRUCTION CONTRACT AWARD

Staff recommends that the Committee/Board:

1. Award a construction contract for the RP-1 SCADA Migration Project No. EN13016.05, to CDM Constructors Inc., in the amount of \$9,695,500;
2. Approve the contract amendment for engineering services during the construction of the RP-1 SCADA Migration, Project No. EN13016.05, to Eramosa International Inc., for a not-to-exceed amount of \$669,717, increasing the contract to \$4,581,105 (17% increase);
3. Approve a total project budget augmentation in the amount of \$6,882,945 to Project No. EN13016, increasing the budget from \$31,117,055 to \$38,000,000 in the Regional Operations (10800) Fund (22% increase); and
4. Authorize the General Manager to execute the contract, amendment, and budget augmentation, subject to non-substantive changes.

3. INFORMATION ITEMS

A. BIENNIAL BUDGET FOR FISCAL YEARS 2023/24 AND 2024/25 FOR ADMINISTRATIVE SERVICES, NON-RECLAIMABLE WASTEWATER, RECHARGE WATER, AND WATER RESOURCES FUNDS (WRITTEN/POWERPOINT)

RECEIVE AND FILE INFORMATION ITEMS

B. FISCAL YEAR 2023/24 ADOPTED BUDGET FOR THE INLAND EMPIRE REGIONAL COMPOSTING AUTHORITY (WRITTEN/POWERPOINT)

C. TREASURER'S REPORT OF FINANCIAL AFFAIRS (WRITTEN/POWERPOINT)

4. GENERAL MANAGER'S COMMENTS

5. COMMITTEE MEMBER COMMENTS

6. COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS

ADJOURN

DECLARATION OF POSTING

I, Denise Garzaro, CMC, Board Secretary/Office Manager of the Inland Empire Utilities Agency*, a Municipal Water District, hereby certify that, per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary at (909) 993-1736 or dgarzaro@ieua.org, 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

**CONSENT
ITEM
1A**



**MINUTES
FINANCE AND ADMINISTRATION
COMMITTEE MEETING
INLAND EMPIRE UTILITIES AGENCY*
AGENCY HEADQUARTERS, CHINO, CA**

**WEDNESDAY, APRIL 12, 2023
11:00 A.M.**

COMMITTEE MEMBERS PRESENT

Paul Hofer, Chair
Marco Tule, Director

STAFF PRESENT

Shivaji Deshmukh, P.E., General Manager
Christiana Daisy, P.E., Deputy General Manager
Kristine Day, Assistant General Manager
Adham Almasri, Principal Engineer
Jerry Burke, Director of Engineering
Javier Chagoyen-Lazaro, Director of Finance
Brandon Gonzalez Contreras, Technology Specialist I
Joel Ignacio, Senior Engineer
Michael Larios, Technology Specialist I
Randy Lee, Acting Director of Finance
Scott Lening, Manager of Operations
Alex Lopez, Budget Officer
Laura Mantilla, Executive Assistant
Jason Marseilles, Manager of Engineering
Travis Sprague, Principal Engineer
Teresa Velarde, Manager of Internal Audit
Ryan Ward, Associate Engineer
Jeff Ziegenbein, Acting Director of Operations & Maintenance

STAFF PRESENT via Video/Teleconference

Jerry Burke, Director of Engineering
Lisa Dye, Director of Human Resources
Carolyn Echavarria, Administrative Assistant II
Jennifer Hy-Luk, Executive Assistant
Michael Hurley, Director of Planning and Resources
Monica Nelson, Administrative Assistant II

OTHERS PRESENT via Video/Teleconference

Samantha Brandt, Public Financial Management (PFM)
Stephanie Gotfried, PFM
Toinette Miller, PFM

CALL TO ORDER

Committee Chair Paul Hofer called the meeting to order at 11:02 a.m. There were no public comments received or additions to the agenda.

1A – 1B. CONSENT ITEMS

The Committee:

- ◆ Approved Minutes of the March 8, 2023, Finance and Administration Committee meeting.

Recommended that the Board approve the total disbursements for the month of February 2023, in the amount of \$25,626,941.76; as a Consent Calendar item on the April 19, 2023 Board meeting agenda.

2A – 2E. ACTION ITEMS

The Committee:

- ◆ Recommended that the Board:

1. Adopt Resolution No. 2023-4-1, declaring its intent to adopt the Fiscal Years 2023/24 and 2024/25 budgets for the Agency's Regional Wastewater, Recycled Water, Non-Reclaimable Wastewater, and Water Resources Programs and fixing time and place of hearing thereon for Fiscal Year 2023/24; and
2. Set a hearing date, and direct staff to distribute the Resolution to the appropriate agencies in compliance with the Regional Sewage Service Ordinance No. 111;

as a Consent Calendar item on the April 19, 2023 Board meeting agenda.

- ◆ Recommended that the Board

1. Adopt Resolution Nos: 2023-4-3 Reimbursement Payment per EDU (Wastewater Connection Fee) for Fiscal Year 2023/24 and Fiscal Year 2024/25; 2023-4-4 Extra-Territorial Sewer Service Charges for Fiscal Year 2023/24; 2023-4-5 Establishing Service Rates for Improvement District C (Monthly Sewer Rate) for Fiscal Year 2023/24 and Fiscal Year 2024/25.

as an Action item on the April 19, 2023 Board meeting agenda.

- ◆ Recommended that the Board

1. Adopt Resolution No. 2023-4-6, approving the update of the Agency's Investment Policy for Fiscal Year 2023/24.

as a Consent Calendar item on the April 19, 2023 Board meeting agenda;

- ◆ Recommended that the Board

1. Approve a Fiscal Year 2022/23 project budget augmentation for the Regional System Asset Management Project, No. EN19024, in the amount of \$282,283 from \$414,297 to \$696,580 (68% increase) on the Regional Operations and Maintenance (10800) Fund; and

2. Authorize the General Manager to approve the budget augmentation;
as a Consent Calendar item on the April 19, 2023 Board meeting agenda.

◆ Recommended that the Board

1. Award banking services contract to J.P. Morgan Chase Bank for a five-year contract with an option to extend for two additional years; and
 2. Authorize the General Manager to execute the contract;
- as an Action item on the April 19, 2023 Board meeting agenda.

3A – 3B. INFORMATION ITEMS

The following information items were received and filed by the Committee:

- ◆ Review of Proposed Biennial Budget for Fiscal Years 2023/24 and 2024/25 for Regional Wastewater and Recycled Water Funds
- ◆ Treasurer's Report of Financial Affairs

4. GENERAL MANAGER'S COMMENTS

General Manager Shivaji Deshmukh stated that IERCF recently hosted tours for approximately 50 environmental science students from Mt. San Jacinto College.

General Manager Deshmukh reported that on April 11, the US Bureau of Reclamation released the draft Supplemental Environmental Impact Statement (SEIS) that evaluates two options for responding to ongoing shortage conditions (in addition to a no project option). One option would reduce deliveries to all states according to a long-established water rights system based on seniority. Among the lower basin States, California has seniority over Arizona and Nevada, which is because California put in early claims for the water over a century ago. The other option would reduce deliveries evenly among all basin states – each state would instead reduce deliveries by the same percentage. He added that if enacted this option would greatly reduce California's allocation of Colorado River water supplies. While the draft analysis does not favor either of the two options, a decision could be made as soon as this summer. Metropolitan Water District responded to the draft SEIS in a press release, calling for continued collaboration to find a third option – stating that neither option is ideal. Staff is tracking this item and will keep the Board updated.

5. COMMITTEE MEMBER COMMENTS

There were no Committee member comments.

6. COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS

Director Tule requested that more presentations on administrative matters be provided at this Committee.

ADJOURNMENT

With no further business, Committee Chair Hofer adjourned the meeting at 12:13 p.m.

Respectfully submitted,

Laura Mantilla
Recording Secretary

**A Municipal Water District*

APPROVED: May 10, 2023

**CONSENT
ITEM
1B**

Date: May 17, 2023

SD

To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager

Committee: Finance & Administration

05/10/23

Staff Contact: Kristine Day, Assistant General Manager

Subject: Report on General Disbursements

Executive Summary:

Total disbursements for the month of March 2023 were \$22,875,439.94. Disbursement activity included check payments of \$755,810.51 to vendors and \$41,425.45 for worker's compensation related costs. Electronic payments included the Automated Clearing House (ACH) of \$18,184,804.57 and wire transfers (excluding payroll) of \$2,009,668.65. The total payroll was \$1,876,453.00 for employees and \$7,277.76 for the Board of Directors.

Staff's Recommendation:

Approve the total disbursements for the month of March 2023 in the amount of \$22,875,439.94.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

On April 19, 2023 the Board of Directors approved the February 2023 Report on General Disbursements totaling \$25,626,941.76.

Environmental Determination:

Not Applicable

Business Goal:

The report on general disbursements is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for general disbursements associated with operating requirements.

Attachments:

Attachment 1 - Background

Attachment 2 - Details of General Disbursements

Attachment 3 - PowerPoint

Background

Subject: Report on General Disbursements

Table 1 summarizes the disbursements detailed in each of the six attachments affixed to this letter. Table 2 lists the disbursements in excess of an aggregated \$500,000 per vendor and is presented in largest to smallest dollar value.

Table 1: Disbursement Details

Attachment	Payment Type	Amount
2A	Vendor Checks	\$ 755,810.51
2B	Workers' Comp Checks	\$ 41,425.45
2C	Vendor ACHs	\$ 18,184,804.57
2D	Vendor Wires (excludes Payroll)	\$ 2,009,668.65
2E	Payroll-Net Pay-Directors	\$ 7,277.76
2F	Payroll-Net Pay-Employees	\$ 1,876,453.00
Total Disbursements		\$22,875,439.94

Table 2: Disbursements in Excess of \$500,000 per Vendor

Vendor	Amount	Description
WM LYLES COMPANY	\$ 5,916,686.38	Professional Svc's for EN19001- RP-5 Expansion to 30 mgd
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY	\$ 1,542,431.24	3rd Qtr 22/23 Wastewater Treatment Surcharge; 21/22 Wastewater Treatment Surcharge
CAROLLO ENGINEERS	\$ 1,045,380.34	Professional Svc's for EN11039- RP-1 Disinfection Pump Improvements; EN17043- Primary Clarifier Rehabilitation; EN22044- RP1 Thickening Building and Acid Phase DI
PERS	\$ 1,008,794.39	03/23 Health Ins; P/R 04, 05, 06.
SO CAL EDISON	\$ 901,807.38	01/27/22 – 03/19/22 Electricity; Meter and 300 HP Pump Installation
INTERNAL REVENUE SERVICE	\$ 811,704.71	P/R 05, 06; Dir 03 Taxes
MNR CONSTRUCTION INC	\$ 697,430.01	Professional Svc's for RW15003.06- Wineville/Jurupa/Force Main Improvements
SWRCB ACCOUNTING OFFICE	\$ 545,414.72	SRF Loan Pymt #14 C064900-110 SRF Loan Pymt #14 C064900-120 SRF Loan Pymt #14 C064900-130
CDM SMITH INC	\$ 534,409.63	Professional Svc's for EN19024- Regional System Asset Management Assessment

Attachment 2A

Vendor Checks

Inland Empire Util.Agency
Chino, CA
Company code 1000

Check Register
CBB Disbursement Account -March '23

04/21/2023 / 10:51:40
User: CCAMPBEL
Page: 1

Bank	CBB	CITIZENS BUSINESS BANK	ONTARIO CA	917610000
Bank Key	122234149			
Acct number	CHECK	231167641		

Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
236060	2200128244	03/02/2023			voided by MMAHDIAN - Lost Check	04/13/2023
236061	2200128238	03/02/2023	USD	4,144.00	BRAX COMPANY INC VALLEY CENTER CA	03/13/2023
236062	2200128230	03/02/2023	USD	18,535.00	BURKE WILLIAMS & SORESENSEN LLP LOS ANGELES CA	
236063	2200128231	03/02/2023	USD	500.00	CALIF MUNICIPAL STATISTICS INCOAKLAND CA	04/04/2023
236064	2200128236	03/02/2023	USD	5,025.00	CINTAS CORPORATION- LOC#150 PHOENIX AZ	03/16/2023
236065	2200128234	03/02/2023	USD	633.25	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	03/17/2023
236066	2200128245	03/02/2023	USD	954.22	CITY OF CHINO CHINO CA	03/14/2023
236067	2200128247	03/02/2023	USD	330.43	CUCAMONGA VALLEY WATER DISTRICTLOS ANGELES CA	03/15/2023
236068	2200128248	03/02/2023	USD	478.60	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/21/2023
236069	2200128240	03/02/2023	USD	832.04	FULL SOURCE, LLC JACKSONVILLE FL	03/17/2023
236070	2200128243	03/02/2023			voided by MMAHDIAN - Lost Check	03/28/2023
236071	2200128246	03/02/2023	USD	6,800.01	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	03/10/2023
236072	2200128249	03/02/2023	USD	34.38	PIERONI, CATHLEEN CHINO HILLS CA	04/03/2023
236073	2200128237	03/02/2023	USD	171.56	POWERFLO PRODUCTS INC CYPRESS CA	03/14/2023
236074	2200128233	03/02/2023	USD	30,190.00	PROJECT PARTNERS INC LAGUNA HILLS CA	
236075	2200128242	03/02/2023	USD	1,400.44	RINCON CONSULTANTS INC VENTURA CA	03/13/2023
236076	2200128232	03/02/2023	USD	2,500.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	03/16/2023
236077	2200128239	03/02/2023			voided by PRIVERA - Wrong Payee	03/14/2023
236078	2200128241	03/02/2023			voided by PMUN - Lost Check	04/04/2023
236079	2200128235	03/02/2023	USD	345.99	WORLDWIDE EXPRESS PASADENA CA	03/10/2023
236080	2200128367	03/07/2023	USD	376.04	AMERICAN HERITAGE LIFE INSURANDALLAS TX	03/16/2023
236081	2200128356	03/07/2023	USD	922.73	BOQT BARN INC IRVINE CA	03/14/2023
236082	2200128365	03/07/2023	USD	1,916.30	BURRTEC WASTE INDUSTRIES INC FONTANA CA	03/14/2023
236083	2200128357	03/07/2023	USD	601.57	CHINO HILLS FORD CHINO CA	03/14/2023
236084	2200128359	03/07/2023	USD	86.44	CINTAS CORPORATION- LOC#150 PHOENIX AZ	03/16/2023
236085	2200128355	03/07/2023	USD	1,366.00	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	03/21/2023
236086	2200128348	03/07/2023	USD	25,168.03	CITY OF ONTARIO ONTARIO CA	
236087	2200128349	03/07/2023			voided by PRIVERA - Reversed check payment	03/08/2023
236088	2200128347	03/07/2023	USD	3,281.02	DEPARTMENT OF TOXIC SUBSTANCESACRAMENTO CA	03/20/2023
236089	2200128368	03/07/2023	USD	9,268.00	EMPLOYMENT DEVELOPMENT DEPARTMSACRAMENTO CA	03/15/2023
236090	2200128372	03/07/2023	USD	5,096.52	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	03/17/2023
236091	2200128371	03/07/2023	USD	314.00	FRANCHISE TAX BOARD SACRAMENTO CA	04/10/2023
236092	2200128366	03/07/2023	USD	767.94	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/20/2023
236093	2200128350	03/07/2023	USD	652.67	GENERAL BOTTLE INC LOS ANGELES CA	03/13/2023
236094	2200128361	03/07/2023	USD	150.00	HARKEY COMPLIANCE SAN BERNARDINO CA	03/15/2023
236095	2200128358	03/07/2023	USD	25,168.03	MONTI VISTA WATER DISTRICT MONTCLAIR CA	03/22/2023
236096	2200128364	03/07/2023	USD	17,749.90	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	03/10/2023
236097	2200128369	03/07/2023	USD	1,447.39	PERS LONG TERM CARE PROGRAM PASADENA CA	03/13/2023
236098	2200128354	03/07/2023	USD	33,855.00	PROJECT PARTNERS INC LAGUNA HILLS CA	03/13/2023
236099	2200128374	03/07/2023	USD	2,030.19	RUFF, CHRISTOPHER CHINO HILLS CA	03/15/2023
236100	2200128353	03/07/2023	USD	20.00	SAN BERNARDINO COUNTY RECORDERSAN BERNARDINO CA	03/17/2023
236101	2200128363	03/07/2023	USD	1,175.00	SPEED DOOR SOLUTIONS INC ORANGE CA	03/13/2023
236102	2200128362	03/07/2023			voided by DMACIAS - Check not needed	03/30/2023
236103	2200128360	03/07/2023	USD	23,674.59	UTILIQUEST LLC ALPHARETTA GA	03/28/2023

Inland Empire Util.Agency
Chino, CA
Company code 1000

Check Register
CBB Disbursement Account -March '23

04/21/2023 / 10:51:40
User: CCAMPBBL
Page: 2

Bank	CBB	CITIZENS BUSINESS BANK	ONTARIO CA	917610000
Bank Key	122234149			
Acct number	CHECK	231167641		

Check						
Check number from to	Payment	Pmnt date	Ccy	Amount paid (FC)	Recipient/void reason code	Enca./void
236104	2200128352	03/07/2023	USD	16,552.97	VERIZON WIRELESS DALLAS TX	03/14/2023
236105	2200128370	03/07/2023	USD	50.00	WIEGO LIFE INSURANCE COMPANY CHARLOTTE NC	03/31/2023
236106	2200128351	03/07/2023	USD	4,760.15	WM CORPORATE SERVICES INC LOS ANGELES CA	03/17/2023
236107	2200128373	03/07/2023	USD	84.90	XANEZ, PABLO A OLIVERA CHINO HILLS CA	03/23/2023
236108	2200128453	03/09/2023	USD	5,250.69	CINTAS CORPORATION- LOC#150 PHOENIX AZ	03/17/2023
236109	2200128451	03/09/2023	USD	649.04	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	03/20/2023
236110	2200128459	03/09/2023	USD	273.83	CITY OF CHINO CHINO CA	03/15/2023
236111	2200128454	03/09/2023	USD	2,556.00	CONCENTRA MEDICAL CENTERS RANCHO CUCAMONGA CA	03/15/2023
236112	2200128456	03/09/2023	USD	25,000.00	DUPERON CORPORATION SAGINAW MI	03/14/2023
236113	2200128455	03/09/2023	USD	161.63	DXP ENTERPRISES INC DALLAS TX	03/16/2023
236114	2200128462	03/09/2023	USD	357.00	FRANCHISE TAX BOARD SACRAMENTO CA	04/10/2023
236115	2200128460	03/09/2023	USD	1,571.59	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236116	2200128464	03/09/2023	USD	9.59	GONZALEZ, MIGUEL CHINO HILLS CA	04/03/2023
236117	2200128457	03/09/2023	USD	150.00	HARKEY COMPLIANCE SAN BERNARDINO CA	03/15/2023
236118	2200128463	03/09/2023	USD	29.66	HURST, ELIZABETH CHINO HILLS CA	04/04/2023
236119	2200128450	03/09/2023	USD	22,043.75	PROJECT PARTNERS INC LAGUNA HILLS CA	03/14/2023
236120	2200128461	03/09/2023	USD	342.04	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	03/23/2023
236121	2200128458	03/09/2023	USD	750.00	San Marino Psychiatric AssociaSan Marino CA	03/14/2023
236122	2200128452	03/09/2023	USD	75.92	WORLDWIDE EXPRESS PASADENA CA	03/15/2023
236125	2200128538	03/14/2023	USD	5,817.00	ANESTHESIS SERVICES ONTARIO CA	04/19/2023
236126	2200128543	03/14/2023	USD	6,762.81	BURRTEC WASTE INDUSTRIES INC FONTANA CA	03/21/2023
236127	2200128536	03/14/2023	USD	46.17	BUSINESS CARD WILMINGTON DE	03/20/2023
236128	2200128541	03/14/2023	USD	217.16	CUCAMONGA VALLEY WATER DISTRICTLOS ANGELES CA	03/21/2023
236129	2200128535	03/14/2023	USD	600.00	DEBBY DUNN CARLSBAD CA	03/22/2023
236130	2200128532	03/14/2023	USD	2,458.10	DEPARTMENT OF TOXIC SUBSTANCES SACRAMENTO CA	03/27/2023
236131	2200128539	03/14/2023	USD	393.73	HD SUPPLY INC GURNEE IL	03/29/2023
236132	2200128537	03/14/2023	USD	2,711.60	ON CALL MECHANICAL SERVICES INFALLBROOK CA	03/22/2023
236133	2200128540	03/14/2023	USD	8,080.58	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	03/17/2023
236134	2200128533	03/14/2023	USD	8,527.80	PROJECT PARTNERS INC LAGUNA HILLS CA	03/20/2023
236135	2200128534	03/14/2023	USD	3,025.00	U S BANK NA MINNEAPOLIS MN	03/21/2023
236136	2200128542	03/14/2023	USD	1,982.31	VERIZON BUSINESS ALBANY NY	03/21/2023
236145	2200128602	03/16/2023	USD	24.24	GALLAGHER, MICHAEL CHINO HILLS CA	04/07/2023
236146	2200128614	03/16/2023	USD	5,960.00	AM-PM DOOR INC PACOIMA CA	03/23/2023
236147	2200128603	03/16/2023	USD	108.00	ASBCSD RANCHO CUCAMONGA CA	03/22/2023
236148	2200128608	03/16/2023	USD	2,390.68	CINTAS CORPORATION- LOC#150 PHOENIX AZ	03/24/2023
236149	2200128606	03/16/2023	USD	378.70	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	03/27/2023
236150	2200128617	03/16/2023	USD	2,075.67	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/27/2023
236151	2200128610	03/16/2023	USD	928.88	FULL SOURCE, LLC JACKSONVILLE FL	03/23/2023
236152	2200128612	03/16/2023	USD	8,106.24	MDJ MANAGEMENT EL SEGUNDO CA	03/21/2023
236153	2200128611	03/16/2023	USD	512.44	PROFORMA PRINTING SYSTEMS LOS ANGELES CA	03/22/2023
236154	2200128604	03/16/2023	USD	10,440.00	PROJECT PARTNERS INC LAGUNA HILLS CA	03/21/2023
236155	2200128616	03/16/2023	USD	64,598.44	SOUTHERN CALIFORNIA EDISON ROSEMEAD CA	03/22/2023
236156	2200128613	03/16/2023	USD	350.00	STUMP FENCE CO GLENDORA CA	03/21/2023
236157	2200128605	03/16/2023	USD	47,876.00	USACE FINANCE CENTER MILLINGTON TN	03/29/2023

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Check						
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236158	2200128609	03/16/2023	USD	11,815.80	UTILIQUEST LLC ALPHARETTA GA	03/27/2023
236159	2200128607	03/16/2023	USD	370.76	WORLDWIDE EXPRESS PASADENA CA	03/21/2023
236160	2200128615	03/16/2023	USD	1,500.00	WYLAND FOUNDATION RANCHO SANTA MARGARITA CA	03/21/2023
236161	2200128681	03/21/2023	USD	630.19	CINTAS CORPORATION- LOC#150 PHOENIX AZ	03/23/2023
236162	2200128688	03/21/2023	USD	1,880.08	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/31/2023
236163	2200128682	03/21/2023	USD	588.83	G3 ENGINEERING INC GRANITE BAY CA	04/04/2023
236164	2200128679	03/21/2023	USD	1,630.22	GENERAL BOTTLE INC LOS ANGELES CA	03/29/2023
236165	2200128683	03/21/2023	USD	491.00	LITTLE SISTER'S TRUCK WASH, INFONTANA CA	04/04/2023
236166	2200128687	03/21/2023	USD	2,381.75	ONTARIO MUNICIPAL UTILITIES COONTARIO CA	03/24/2023
236167	2200128684	03/21/2023	USD	2,872.04	PROFORMA PRINTING SYSTEMS LOS ANGELES CA	03/27/2023
236168	2200128680	03/21/2023	USD	9,000.00	PROJECT PARTNERS INC LAGUNA HILLS CA	03/27/2023
236169	2200128678	03/21/2023	USD	2,308.73	REM LOCK & KEY ONTARIO CA	03/28/2023
236170	2200128685	03/21/2023	USD	11,562.50	SDI PRESENCE LLC CHICAGO IL	04/05/2023
236171	2200128686	03/21/2023	USD	54,500.00	SOTTILE BALTAHE AGOURA HILLS CA	03/28/2023
236172	2200128758	03/23/2023	USD	384.73	APPLIED INDUSTRIAL TECHNOLOGIEPASADENA CA	03/29/2023
236173	2200128761	03/23/2023	USD	2,328.62	CINTAS CORPORATION- LOC#150 PHOENIX AZ	03/30/2023
236174	2200128762	03/23/2023	USD	2,051.55	ENVIRONMENTAL EXPRESS INC VERNON HILLS IL	03/29/2023
236175	2200128764	03/23/2023	USD	357.00	FRANCHISE TAX BOARD SACRAMENTO CA	
236176	2200128759	03/23/2023	USD	11,025.00	PROJECT PARTNERS INC LAGUNA HILLS CA	03/28/2023
236177	2200128763	03/23/2023	USD	342.04	SHERIFF'S COURT SERVICES SAN BERNARDINO CA	03/30/2023
236178	2200128760	03/23/2023			voided by RCHEM - Wrong Payee	04/11/2023
236179	2200128974	03/28/2023	USD	188.02	AMERICAN HERITAGE LIFE INSURANDALLAS TX	04/06/2023
236180	2200128962	03/28/2023	USD	326.00	ASBCSD RANCHO CUCAMONGA CA	04/03/2023
236181	2200128966	03/28/2023	USD	978.73	CINTAS CORPORATION- LOC#150 PHOENIX AZ	04/04/2023
236182	2200128964	03/28/2023	USD	358.78	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	04/06/2023
236183	2200128967	03/28/2023	USD	4,448.50	CONCENTRA MEDICAL CENTERS RANCHO CUCAMONGA CA	04/03/2023
236184	2200128976	03/28/2023	USD	2,787.61	FIDELITY SECURITY LIFE INSURANCINCINNATI OH	04/06/2023
236185	2200128972	03/28/2023	USD	520.30	FONTANA WATER COMPANY FONTANA CA	04/04/2023
236186	2200128973	03/28/2023	USD	877.94	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	04/06/2023
236187	2200128969	03/28/2023	USD	21,062.51	G/M BUSINESS INTERIORS SAN DIEGO CA	04/07/2023
236188	2200128971	03/28/2023	USD	27,206.90	MAINTENANCE STRATEGIES INC NORRISTOWN PA	04/07/2023
236189	2200128970	03/28/2023	USD	2,237.14	ON CALL MECHANICAL SERVICES INFALBROOK CA	04/04/2023
236190	2200128975	03/28/2023	USD	206.77	PERS LONG TERM CARE PROGRAM PASADENA CA	04/03/2023
236191	2200128965	03/28/2023	USD	455.00	SAN BERNARDINO COUNTY SAN BERNARDINO CA	04/05/2023
236192	2200128968	03/28/2023	USD	70.00	THE SHREDDERS COMMERCE CA	
236193	2200128963	03/28/2023	USD	291.44	VERIZON WIRELESS DALLAS TX	04/06/2023
236194	2200129005	03/30/2023	USD	34.91	CINTAS FIRST AID & SAFETY LOCCINCINNATI OH	04/07/2023
236195	2200129012	03/30/2023	USD	961.85	CITY OF CHINO CHINO CA	04/05/2023
236196	2200129009	03/30/2023	USD	847.49	CUMMINS SALES AND SERIVCE COLUMBUS IN	04/13/2023
236197	2200129013	03/30/2023	USD	478.60	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	04/07/2023
236198	2200129010	03/30/2023	USD	50.00	GAO, SHAO WU STEVE ANAHEIM CA	
236199	2200129007	03/30/2023	USD	21,750.70	GEARY PACIFIC SUPPLY ANAHEIM CA	04/12/2023
236200	2200129001	03/30/2023	USD	1,032.47	P L HAWN COMPANY INC HUNTINGTON BEACH CA	04/06/2023
236201	2200129008	03/30/2023	USD	959.92	PROFORMA PRINTING SYSTEMS LOS ANGELES CA	04/04/2023

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Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
236202	2200129014	03/30/2023	USD	103.49	ROBERTS, STEPHANIE CHINO HILLS CA	
236203	2200129004	03/30/2023	USD	20.00	SAN BERNARDINO COUNTY RECORDERSAN BERNARDINO CA	04/10/2023
236204	2200129003	03/30/2023	USD	3,344.25	SAN BERNARDINO COUNTY SAN BERNARDINO CA	04/06/2023
236205	2200129011	03/30/2023	USD	399.67	VITAL RECORDS HOLDINGS LLC CITY OF INDUSTRY CA	04/04/2023
236206	2200129002	03/30/2023	USD	1,608.12	WM CORPORATE SERVICES INC LOS ANGELES CA	04/10/2023
236207	2200129006	03/30/2023	USD	1,231.56	YRC INC PASADENA CA	04/03/2023
* Payment method Check			USD	705,902.10		

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Bank	CBB	CITIZENS BUSINESS BANK				ONTARIO CA 917610000
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Acct number	CHECK	231167641				
Separate Check						
Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
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236124	2200128449	03/09/2023	USD	25,168.03	CUCAMONGA VALLEY WATER DISTRICTCRANCHO CUCAMONGA CA	03/21/2023
236137	2200128544	03/14/2023	USD	64.30	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236138	2200128545	03/14/2023	USD	191.35	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236139	2200128546	03/14/2023	USD	43.34	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236140	2200128547	03/14/2023	USD	100.69	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236141	2200128548	03/14/2023	USD	102.98	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236142	2200128549	03/14/2023	USD	192.05	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236143	2200128550	03/14/2023	USD	152.49	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
236144	2200128551	03/14/2023	USD	330.98	FRONTIER COMMUNICATIONS CORP CINCINNATI OH	03/23/2023
* Payment method Separate Check			USD	49,908.41		

Check number from to	Payment	Pmnt date	Crcy	Amount paid (FC)	Recipient/void reason code	Enca./void
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Attachment 2B

Workers' Comp Checks

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Acct number WCOM2 231159290

ONTARIO CA 917610000

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100321	2200129176	03/09/2023	USD	665.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100322	2200129178	03/09/2023	USD	265.80	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100323	2200129180	03/09/2023	USD	533.40	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100324	2200129181	03/09/2023	USD	249.30	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100325	2200129184	03/09/2023	USD	292.50	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100326	2200129186	03/09/2023	USD	702.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100327	2200129187	03/09/2023	USD	1,358.60	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
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100329	2200129192	03/09/2023	USD	240.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/15/2023
100330	2200129194	03/09/2023	USD	180.98	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/20/2023
100331	2200129196	03/09/2023	USD	177.35	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/14/2023
100332	2200129198	03/09/2023	USD	636.66	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/27/2023
100333	2200129200	03/09/2023	USD	1,479.29	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/17/2023
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100335	2200129204	03/09/2023	USD	1,782.03	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/17/2023
100336	2200129206	03/09/2023	USD	1,782.03	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/17/2023
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100348	2200129234	03/09/2023	USD	96.18	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/20/2023
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100358	2200129183	03/15/2023	USD	367.64	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/15/2023
100359	2200129185	03/15/2023	USD	107.27	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/15/2023
100360	2200129188	03/15/2023	USD	191.59	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/15/2023

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100367	2200129201	03/15/2023	USD	125.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/15/2023
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100377	2200129220	03/15/2023	USD	92.50	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/15/2023
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100404	2200129094	03/23/2023	USD	98.54	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	

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100407	2200129097	03/23/2023	USD	275.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/28/2023
100408	2200129098	03/23/2023	USD	160.11	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/29/2023
100409	2200129099	03/23/2023	USD	191.96	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	03/29/2023
100410	2200129101	03/30/2023	USD	135.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
100411	2200129103	03/30/2023	USD	283.24	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
100412	2200129104	03/30/2023	USD	125.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
100413	2200129105	03/30/2023	USD	125.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
100414	2200129106	03/30/2023	USD	18.50	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
100415	2200129108	03/20/2023	USD	55.50	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
100416	2200129109	03/30/2023	USD	275.00	SEDGWICK CLAIMS MANAGEMENT SVCMEMPHIS TN	
* Payment method Checks created manually			USD	41,425.45		

Check number from to	Payment	Print date	Crrcy	Amount paid (FC)	Recipient/void reason code	Enca./void
**			USD	41,425.45		

Attachment 2C

Vendor ACHs

Check	Payee / Description	Amount
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ACH	FISHER SCIENTIFIC		
	NITRITE STD,	0363484	90.85
	DS Therm and septa	0363485	2,786.09
		0403047	2,849.36
	Thrntr Durac Autoclave, Chlorite, Perchlor	0238165	394.05
			- - - - -
	FISHER SCIENTIFIC	\$	6,120.35

ACH	ROYAL INDUSTRIAL SOLUTIONS		
	IBE DASHBOARD Q#206957	6441-1082243	1,650.00
			- - - - -
	ROYAL INDUSTRIAL SOLUTIONS	\$	1,650.00

ACH	AIRGAS USA LLC		
	RP4-2/16 4 CL Forklift Propane	9135134951	181.28
			- - - - -
	AIRGAS USA LLC	\$	181.28

ACH	PETE'S ROAD SERVICE		
	Parts	23-0647724-00	2,407.75
	Parts	23-0646455-00	1,715.11
			- - - - -
	PETE'S ROAD SERVICE	\$	4,122.86

ACH	GRAINGER INC		
	BULK RACK	9589109322	4,411.40
	Parts	9594343999	780.62
			- - - - -
	GRAINGER INC	\$	5,192.02

ACH	MARCAB COMPANY INC		
	Iron Sponge CF	9202	29,163.48
			- - - - -
	MARCAB COMPANY INC	\$	29,163.48

ACH	DELL MARKETING L P		
	500T Customer Rack, 192GB Appliance DIMM	10652006106	112,284.41
			- - - - -
	DELL MARKETING L P	\$	112,284.41

ACH	AMETEK BROOKFIELD		
	RP1-Calibration Senor & Svcs	819731	1,835.31
			- - - - -
	AMETEK BROOKFIELD	\$	1,835.31

ACH	O RINGS & THINGS		
	Parts	131549	17.78
			- - - - -
	O RINGS & THINGS	\$	17.78

ACH	THATCHER COMPANY OF CALIFORNIA		
	RP-1 45820 Aluminum Sulfate Liquid	2023400110503	13,860.55
			- - - - -
	THATCHER COMPANY OF CALIFORNIA		13,860.55

ACH	CAROLLO ENGINEERS		
	EN22044-1/23 Prof Svcs	FB33268	250,060.61
	EN22044-11/22 Prof Svcs	FB31058	448,771.37

Check	Payee / Description	Amount
	CAROLLO ENGINEERS	\$ 698,831.98
ACH	PALM AUTO DETAIL INC	
	2/23 Carwash Svcs f/Agency Fleet Vehicle 23299	2,686.90
	PALM AUTO DETAIL INC	\$ 2,686.90
ACH	BABCOCK LABORATORIES, INC	
	Total Solids, PFAS by LCMSMS CB31475-2045	271.00
	BABCOCK LABORATORIES, INC	\$ 271.00
ACH	SCHNEIDER ELECTRIC SYSTEMS USA	
	Parts 94738644	22,833.26
	SCHNEIDER ELECTRIC SYSTEMS USA\$	22,833.26
ACH	INLAND EMPIRE REGIONAL	
	RP1-11/22 Biosolids Transport TO IERCA 90033033	188,145.69
	RP2-11/22 Biosolids Transport TO IERCA 90033034	158,481.08
	INLAND EMPIRE REGIONAL	\$ 346,626.77
ACH	PARSONS WATER & INFRASTRUCTURE	
	RP-5 Expansion/Upgrades ESDC - Activitie 2301B878	254,397.57
	PARSONS WATER & INFRASTRUCTURE\$	254,397.57
ACH	HACH COMPANY	
	Digital PH Sensors,Buffer 13358770	2,959.60
	HACH COMPANY	\$ 2,959.60
ACH	O S T S INC	
	59130	525.00
	O S T S INC	\$ 525.00
ACH	PLUMBERS DEPOT INC	
	RP1 PD-53080	359.71
	RP1 PD-53081	2,797.12
	RP1 PD-53072	740.31
	PLUMBERS DEPOT INC	\$ 3,897.14
ACH	ROBERT HALF MANAGEMENT RESOURC	
	Samore, J-WE 2/24/23 61624786	3,915.00
	Olivares, J-WE 2/17/23 61592905	3,080.00
	Reyes, G-WE 2/17/23 61602108	3,654.00
	Steele, S-WE 2/17/23 61592917	3,572.80
	Olivares, J-WE 1/6, 1/13, 2/3 61498471	2,618.00
	ROBERT HALF MANAGEMENT RESOURCES	16,839.80
ACH	INSIDE PLANTS INC	
	Inside Plants Feb 23 93101	706.50
	INSIDE PLANTS INC	\$ 706.50

Check Payee / Description	Amount
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ACH	NATIONAL CONSTRUCTION RENTALS		
	1st Weekly Service on Towable Unit	6836436	210.78
	Holding Tank Rental 2/1-2/28	6875173	10.39
			-
	NATIONAL CONSTRUCTION RENTALS \$		221.17

ACH	RSD		
	FLOAT SWITCH	55383182-01	31.91
			-
	RSD \$		31.91

ACH	PEST OPTIONS INC		
	Feb 2023 Agency Wide Weed Control	418308	4,302.93
			-
	PEST OPTIONS INC \$		4,302.93

ACH	ENDRESS & HAUSER INC		
	Turbimax CUS71D	6002415403	8,971.78
			-
	ENDRESS & HAUSER INC \$		8,971.78

ACH	VAUGHAN'S INDUSTRIAL REPAIR CO		
	Seal Repair Floway 5- stage	029268	27,869.06
			-
	VAUGHAN'S INDUSTRIAL REPAIR CO \$		27,869.06

ACH	GK & ASSOCIATES		
	4600002849-1/23 Prof Svcs	23-001	30,648.00
			-
	GK & ASSOCIATES \$		30,648.00

ACH	CRB SECURITY SOLUTIONS		
	Camera Repair Svcs	19486	779.67
			-
	CRB SECURITY SOLUTIONS \$		779.67

ACH	US BANK VOYAGER FLEET SYSTEMS		
	1/23 Gasoline f/Agency Vehicles	8693150932304	8,192.71
	2/23 Gasoline f/Agency Vehicles	8693150932308	9,382.64
			-
	US BANK VOYAGER FLEET SYSTEMS \$		17,575.35

ACH	ALTA FOODCRAFT		
	Paper Cups	12271279	91.05
	RP5-Coffee, Coffee Filters	12270828	172.30
	Coffee, Coffee Filters	12270827	73.28
	Tea, Coffee	12270829	358.90
			-
	ALTA FOODCRAFT \$		695.53

ACH	DAVID WHEELER'S PEST CONTROL I		
	HQA&B-2/10 Rat Svcs	65807	928.00
	RP4-2/9 Rodent Control Svcs	65625	1,075.00
	RP5-2/10 Pest Control Svcs	65769	536.00
			-
	DAVID WHEELER'S PEST CONTROL I \$		2,539.00

ACH	GHD INC
-----	---------

Check Payee / Description		Amount
4600003022-10/22 Prof Svcs	380-0024251	680.00
TO#19-10/30/22-1/28/23 Prof Svcs	380-0026294	11,487.50
		- - - - -
GHD INC	\$	12,167.50
ACH CONSERV CONSTRUCTION INC		
4600002791-Prof Svcs	2117	19,595.10
4600002630-Prof Svcs	2116	4,076.80
4600002872-Prof Svcs	2118	12,544.00
		- - - - -
CONSERV CONSTRUCTION INC	\$	36,215.90
ACH CALIFORNIA WATER TECHNOLOGIES		
RP2-17,229.28 Lbs Ferric Chloride Soluti	43485	8,229.78
RP1-17,061.68 Lbs Ferric Chloride Soluti	43516	8,149.72
RP1-17,138 Lbs Ferric Chloride Solution	43502	8,186.18
RP2-18,034.52 Lbs Ferric Chloride Soluti	43515	8,614.41
Phills-17,023 Lbs Ferric Chloride Soluti	43503	8,131.57
		- - - - -
CALIFORNIA WATER TECHNOLOGIES	\$	41,311.66
ACH V3IT CONSULTING INC		
Prof. Svcs. AD Hoc Jan 23	V3IT2023IEUA0	410.75
Prof. Svcs Enhancement IW22-IW23	V3IT2023IEUA0	1,644.50
		- - - - -
V3IT CONSULTING INC	\$	2,055.25
ACH EVOQUA WATER TECHNOLOGIES LLC		
2/1/23-4/30/23 PM Contract	905707927	2,456.46
		- - - - -
EVOQUA WATER TECHNOLOGIES LLC	\$	2,456.46
ACH MANAGED MOBILE INC		
Repair Parts/Labor for Veh 1102	IN00-0259776	1,311.44
02/01 Vehicle Service Call/Maintenance	IN00-0260696	231.81
		- - - - -
MANAGED MOBILE INC	\$	1,543.25
ACH WALLACE & ASSOCIATES CONSULTIN		
Prof Servs Novr 28,2022 to Jan 01,23	W800997	33,570.00
		- - - - -
WALLACE & ASSOCIATES CONSULTIN	\$	33,570.00
ACH GILLIS + PANICHAPAN ARCHITECTS		
EN22027-12/22 Prof Svcs	108417J	15,517.50
		- - - - -
GILLIS + PANICHAPAN ARCHITECTS	\$	15,517.50
ACH YORKE ENGINEERING LLC		
2022 RP-5 Prmt Eval Project	32468	738.00
		- - - - -
YORKE ENGINEERING LLC	\$	738.00
ACH CSI SERVICES INC		
RP1-7/22 Coating Inspection Svcs	11523	14,440.00
RP1-5/31-7/1/22 Coating Inspection Svcs	11456	18,240.00
		- - - - -
CSI SERVICES INC	\$	32,680.00

Check	Payee / Description	Amount
ACH	SHAW HR CONSULTING INC Professional Services 1/18/2023 007235	75.00
	SHAW HR CONSULTING INC \$	75.00
ACH	RBC RESOURCES USARHCP and Integrated Model General Sup 50	2,142.00
	RBC RESOURCES \$	2,142.00
ACH	GRANICUS ISS-Gov Trnsprncy Ste,Upgrd SDI Strmng,E 161512	27,342.77
	GRANICUS \$	27,342.77
ACH	CAPO PROJECTS GROUP LLC EN21042-11/22 Prof Svcs 6380	334.00
	Prof. Svcs Dec/22 8-RW15003.06 6495	501.00
	EN11039-12/22 Prof Svcs 6496	501.00
	EN21042-12/22 Prof Svcs 6497	668.00
	CAPO PROJECTS GROUP LLC \$	2,004.00
ACH	BUCKNAM INFRASTRUCTURE GROUP I EN23102-1/23 Prof Svcs 358-06.02	1,308.70
	BUCKNAM INFRASTRUCTURE GROUP IS	1,308.70
ACH	AMTEC Bratton,Z-WE 2/26/23 73954	900.00
	AMTEC \$	900.00
ACH	INLAND EMPIRE WINDUSTRIAL CO 10/26/22 INBOUND FRT TBD 042746-02	18.89
	INLAND EMPIRE WINDUSTRIAL CO \$	18.89
ACH	LIBERTY LANDSCAPING INC Regional Plant 3 Cell 2 / AN-23-27 114805	1,721.00
	Chino Creek Park Lower Intermitent Strea 114779	4,922.00
	LIBERTY LANDSCAPING INC \$	6,643.00
ACH	RADAR ENVIRONMENTAL INC January 2023 Monthly Site Survey 1955	210.00
	RADAR ENVIRONMENTAL INC \$	210.00
ACH	ADAM'S FALCONRY SERVICE LLC 11/22 Bird Control Svcs 17389	1,560.00
	ADAM'S FALCONRY SERVICE LLC \$	1,560.00
ACH	ACCUSOURCE HR 12/22 Pre-Employment Bkg Check 108078	1,907.59
	1/23 Pre-Employment Bkg Check 108546	537.42
	11/22 Pre-Employment Bkg Check 107602	657.39
	10/22 Pre-Employment Bkg Check 107106	785.20

Check Payee / Description		Amount
9/22 Pre-Employment Bkg Check	106542	1,673.41
7/22 Pre-Employment Bkg Check	105468	1,280.41
8/22 Pre-Employment Bkg Check	106007	2,222.75
		- - - - -
ACCUSOURCE HR	\$	9,064.17
ACH DIVERSIFIED THERMAL SERVICES I		
Replace Duct Smoke Dectector	S35376	795.00
RP4-1/23 Maint Contract Svcs	S35470	763.93
		- - - - -
DIVERSIFIED THERMAL SERVICES I\$		1,558.93
ACH SO CALIF EDISON		
1630WPmpStn-1/27-2/26 1530 6th St	8004881955 2/	8,970.31
CCWRP/TP/RWPS-1/27-2/26 14950 Telephone	8004814080 2/	60,257.11
8thStBsn-1/27-2/26 1180 8th St	8000035339 2/	73.15
CCWRP/TP-1/27-2/26 14950 Telephone Ave	8003543714 2/	88.32
		- - - - -
SO CALIF EDISON	\$	69,388.89
ACH IEUA EMPLOYEES' ASSOCIATION		
P/R 04 2/24/23 Employee Ded	HR 0111700	177.00
		- - - - -
IEUA EMPLOYEES' ASSOCIATION	\$	177.00
ACH IEUA SUPERVISORS UNION ASSOCIA		
P/R 04 2/24/23 Employee Ded	HR 0111700	315.00
		- - - - -
IEUA SUPERVISORS UNION ASSOCIA\$		315.00
ACH IEUA GENERAL EMPLOYEES ASSOCIA		
P/R 04 2/24/23 Employee Ded	HR 0111700	969.10
		- - - - -
IEUA GENERAL EMPLOYEES ASSOCIA\$		969.10
ACH INLAND EMPIRE UNITED WAY		
P/R 04 2/24/23 Employee Ded	HR 0111700	21.00
		- - - - -
INLAND EMPIRE UNITED WAY	\$	21.00
ACH IEUA PROFESSIONAL EMPLOYEES AS		
P/R 04 2/24/23 Employee Ded	HR 0111700	636.00
		- - - - -
IEUA PROFESSIONAL EMPLOYEES AS\$		636.00
ACH COLONIAL LIFE & ACCIDENT INSUR		
2/23 Disability, Cancer, Universal/Term Li 7274194020181		229.57
		- - - - -
COLONIAL LIFE & ACCIDENT INSURS		229.57
ACH WEX HEALTH INC		
January 2023 Admin Fees	0001669098-IN	285.00
P/R 04 2/24/23 Cafeteria Plan	HR 0111700	4,896.10
		- - - - -
WEX HEALTH INC	\$	5,181.10
ACH CITY EMPLOYEES ASSOCIATES		
P/R 04 2/24/23 Employee Ded	HR 0111700	341.50
		- - - - -

Check		Payee / Description	Amount
		CITY EMPLOYEES ASSOCIATES	\$ 341.50
ACH		REDDY, SUSHMITHA	
		Reddy,S-ExpRpt-12/8 Wastewater 12/8/22 WSTEW	120.00
		REDDY, SUSHMITHA	\$ 120.00
ACH		AQUA BEN CORPORATION	
		RP1-4,600 Lbs Hydrofloc 748E 45741	7,236.49
		750A TOTE Hydrofloc 750A 45742	22,750.34
		AQUA BEN CORPORATION	\$ 29,986.83
ACH		FISHER SCIENTIFIC	
		FORMAZINE 4000NTU TURBIDTY STD 0912747	97.22
		FISHER SCIENTIFIC	\$ 97.22
ACH		HARRINGTON INDUSTRIAL PLASTICS	
		Couplings,Bushings,Primer 012M2954	450.16
		BUSHING MPT X FPT PVC, JOINT CMPND QT 50 012M2973	57.00
		TUBE ASSEMBLY, BUSHING FPT PVC, NIPPLE T 012M3172	99.22
		HARRINGTON INDUSTRIAL PLASTICS	\$ 606.38
ACH		HASCO OIL COMPANY, INC.	
		MSR32P MOBIL SHC RARUS 32* (REPLACES RAR 0251793-IN	840.92
		HASCO OIL COMPANY, INC.	\$ 840.92
ACH		ROYAL INDUSTRIAL SOLUTIONS	
		Parts 6441-1082527	2,496.14
		STD CNCTR MOD 6441-1074051	2,706.52
		ROYAL INDUSTRIAL SOLUTIONS	\$ 5,202.66
ACH		SOUTHWEST ALARM SERVICE	
		IEUA SECURITY MONITORING HR TRAILER 03/2 079809	50.00
		IEUA SECURITY MONITORING MARCH 2023 079806	4,852.00
		SOUTHWEST ALARM SERVICE	\$ 4,902.00
ACH		UNDERGROUND SERVICE ALERT/SC	
		2021 Dig Safe Board CA Regulatory Fee-In 22-2302223	146.24
		UNDERGROUND SERVICE ALERT/SC	\$ 146.24
ACH		UNIVAR SOLUTIONS USA INC	
		13,050 SOD BISULFITE 25% BULK TECH 50963282	8,879.76
		12,590 SOD BISULFITE 25% BULK TECH 50963280	8,566.76
		UNIVAR SOLUTIONS USA INC	\$ 17,446.52
ACH		WAXIE SANITARY SUPPLY	
		Paper towels 81513179	124.76
		Paper cup jackets 81487582	89.35
		WAXIE SANITARY SUPPLY	\$ 214.11

Check	Payee / Description	Amount
ACH	AIRGAS USA LLC	
	Lab-Argon, Telemetry Microbulk Tanks 9134517353	556.77
	RP1-135.0 Gal Propane 9135475749	626.94
	Lab-Argon Microbulk 9134695170	841.13
		- - - - -
	AIRGAS USA LLC \$	2,024.84
ACH	PETE'S ROAD SERVICE	
	Parts 23-0652925-00	358.00
	Parts 23-0652924-00	1,932.41
		- - - - -
	PETE'S ROAD SERVICE \$	2,290.41
ACH	GRAINGER INC	
	BOOT, MEN'S, 11, KNEE, BLACK, PR 9617279287	130.79
	BATTERY, ALKALINE, AA, RUBBER BOOTS, MASK 9617092573	242.19
	Safety Glasses, Mirror Hand Cleaner, Wash 4500041928	2,430.32
		- - - - -
	GRAINGER INC \$	2,803.30
ACH	AQUATIC BIOSYSTEMS	
	subcapitata Algal Concentrate 146417	204.00
		- - - - -
	AQUATIC BIOSYSTEMS \$	204.00
ACH	CDM SMITH INC	
	EN19001/240024002/22044 1/29-2/25 Prof 90172806	18,211.36
		- - - - -
	CDM SMITH INC \$	18,211.36
ACH	MISCO WATER	
	RP-1 (DE NORA) CELL CF18895	470.76
		- - - - -
	MISCO WATER \$	470.76
ACH	DELL MARKETING L P	
	Dell NASPO Computer Equipment 10655116873	24,891.76
		- - - - -
	DELL MARKETING L P \$	24,891.76
ACH	MARK IV COMMUNICATIONS INC	
	HQ-B-Cat6 cabling, mat and install 24727	11,460.92
		- - - - -
	MARK IV COMMUNICATIONS INC \$	11,460.92
ACH	CHINO BASIN WATERMASTER	
	50% Cost Sharing-Model Mtgs, Tech Review 2023-01-A	278.00
	50% Cost Sharing-PBHSP WYI 2052457 2023-01-B	11,115.75
	67% Cost Sharing-Salinity Mgmt Plan WYI 2023-01-C	3,929.83
		- - - - -
	CHINO BASIN WATERMASTER \$	15,323.58
ACH	KONICA MINOLTA	
	3/23 Lease Copiers 41921239	5,934.66
		- - - - -
	KONICA MINOLTA \$	5,934.66
ACH	THATCHER COMPANY OF CALIFORNIA	
	1115000 Aluminum Sulfate Liquid - 1 # BU 2023400110514	6,733.46

Check Payee / Description		Amount
THATCHER COMPANY OF CALIFORNIA\$		6,733.46
ACH	CAROLLO ENGINEERS	
	EN11039-1/23 Prof Svcs FB33269	30,736.50
	EN17043/17110-1/23 Prof Svcs FB33008	5,120.50
	CAROLLO ENGINEERS \$	35,857.00
ACH	INDUSTRIAL SUPPLY CO	
	Washers, Nuts, Bolts 7713	968.47
	INDUSTRIAL SUPPLY CO \$	968.47
ACH	TELEDYNE ISCO	
	Service Agreement 2/15 P020112096	6,022.00
	TELEDYNE ISCO \$	6,022.00
ACH	TOM DODSON & ASSOCIATES	
	Environmental Services through January 3 IE353 23-1	3,037.50
	TOM DODSON & ASSOCIATES \$	3,037.50
ACH	ROSEMOUNT INC	
	Labor 2006214	2,772.44
	ROSEMOUNT INC \$	2,772.44
ACH	HACH COMPANY	
	LDO Probe, Rugged 13481252	1,278.28
	FiberWiper ACM TU5x00sc 13486556	199.78
	Digital pH Sensor, Ryton, Convertible 13480772	2,858.36
	pH GEL PROBE, RUGGED, w/15m CABLE 13491120	954.30
	KIT, SENSOR CAP REPLACEMENT, LDO MODEL 2 13468397	3,736.81
	HACH COMPANY \$	9,027.53
ACH	PLUMBERS DEPOT INC	
	RP1 PD-53075	201.50
	Parts PD-53062	682.30
	PLUMBERS DEPOT INC \$	883.80
ACH	STANTEC CONSULTING INC	
	Safety Work Improvemts for Basin Gate Ac 2042323	6,329.76
	STANTEC CONSULTING INC \$	6,329.76
ACH	NATIONAL CONSTRUCTION RENTALS	
	HOLDING TANK - RENTAL 226 Walnut 6886526	290.78
	1st Weekly Service on Towable Unit 6869578	210.78
	NATIONAL CONSTRUCTION RENTALS \$	501.56
ACH	ZASIO ENTERPRISES INC	
	Online Training 20099805	550.00
	ZASIO ENTERPRISES INC \$	550.00

Check Payee / Description	Amount
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ACH	GEI CONSULTANTS INC Chino Basin Program - PL19005	3126240	42,951.25
			- - - - -
	GEI CONSULTANTS INC	\$	42,951.25

ACH	VAUGHAN'S INDUSTRIAL REPAIR CO Remove Clarifier #6 Gearbox	029290	9,000.00
			- - - - -
	VAUGHAN'S INDUSTRIAL REPAIR CO\$		9,000.00

ACH	ROGERS, PETER J 3/2/23 Policy Cmmtt Fee-Rogers,P	RPC-3/2/22	100.00
			- - - - -
	ROGERS, PETER J	\$	100.00

ACH	OLIN CORP 4,916 Sodium Hypochlorite 12.5	900249924	9,630.22
	4956 Sodium Hypochlorite 12.5 wt% Bactic	900248513	8,221.77
	4958 Sodium Hypochlorite 12.5	900248512	8,225.09
	4938 Sodium Hypochlorite 12.5	900247729	8,191.91
	Sodium Hypochlorite 12.5 wt% Bacticide	900249006	9,692.90
	4898 Sodium Hypochlorite 12.5	900247543	8,125.55
	4,958 Sodium Hypochlorite 12.5	900249007	9,712.49
	Sodium Hypochlorite 12.5 wt% Bacticide	900249220	9,685.06
	4,950 Sodium Hypochlorite 12.5	900249790	9,696.82
			- - - - -
	OLIN CORP	\$	81,181.81

ACH	REED, RANDALL J 3/2/23 Policy Cmmtt Fee-Reed,R	RPC-3/2/22	100.00
			- - - - -
	REED, RANDALL J	\$	100.00

ACH	CALIFORNIA STRATEGIES LLC 2/23 Prof Svcs	022326	7,500.00
			- - - - -
	CALIFORNIA STRATEGIES LLC	\$	7,500.00

ACH	INDUSTRIAL RUBBER & SUPPLY INC HOSE CPLD 16-16, 25" OAL X 1' YELLOW AIR 56332		434.45
			- - - - -
	INDUSTRIAL RUBBER & SUPPLY INC\$		434.45

ACH	JB'S POOLS & PONDS INC 2/23 Pond Maint Svcs	2366760200	1,194.85
			- - - - -
	JB'S POOLS & PONDS INC	\$	1,194.85

ACH	ULLOA, EUNICE M 3/2/23 Policy Cmmtt Fee-Ulloa,E	RPC-3/2/22	100.00
			- - - - -
	ULLOA, EUNICE M	\$	100.00

ACH	DORST-PORADA, DEBRA 3/2/23 Policy Cmmtt Fee-Dorst-Porada,D	RPC-3/2/22	100.00
			- - - - -
	DORST-PORADA, DEBRA	\$	100.00

Check	Payee / Description	Amount
ACH	DAVID WHEELER'S PEST CONTROL I	
	02/10 Pest Control Svcs 65836	585.00
	CCWRF-1/10 Rat Control Svcs 65841	1,032.00
	CCWRF-2/9 Squirrel Control Svcs 65840	1,130.00
	HQA&B-2/10 Monthly Rodent Control Svcs 65903	1,565.00
	RP5-2/10 Rodent Control Svcs 65838	248.00
	RP5-2/10 Rodent Control Svcs 65837	738.00
	RP2-2/10 Rodent Control Svcs 65626	1,222.00
	RP5-2/9 Rodent Control Svcs 65810	585.00
	CCWRF-2/9 Rodent Control Svcs 65652	634.00
	HQA&B-2/10 Rat Control Svcs 65798	632.00
	DAVID WHEELER'S PEST CONTROL IS	8,371.00
ACH	DOWNNS ENERGY	
	RP2-407.10 Gals Dyed Diesel 0313048-IN	1,475.17
	DOWNNS ENERGY \$	1,475.17
ACH	GHD INC	
	TO #17 1/23 Prof Svcs 380-0027171	3,138.13
	TO#18 1/29-2/25 Prof Svcs 380-0027926	3,736.30
	EN21053-11/30-2/18 Prof Svcs 380-0028166	50,522.25
	GHD INC \$	57,396.68
ACH	EUROFINS EATON ANALYTICAL LLC	
	11/9 Water Sample Analysis 8100045315	2,725.00
	EUROFINS EATON ANALYTICAL LLC \$	2,725.00
ACH	ELECTRO-CHEMICAL DEVICES INC	
	Chlorine Analyzer 75177	5,226.50
	ELECTRO-CHEMICAL DEVICES INC \$	5,226.50
ACH	CALIFORNIA WATER TECHNOLOGIES	
	43,740 Ferric Chloride Solution DWG Bulk 43543	8,524.33
	45,680 Ferric Chloride Solution DWG Bulk 43547	9,164.24
	CALIFORNIA WATER TECHNOLOGIES \$	17,688.57
ACH	V3IT CONSULTING INC	
	SAP Basis Support for February 2023 V3IT2023IEUA0	6,184.00
	SAP Basis Support for January 2023 V3IT2023IEUA0	6,184.00
	V3IT CONSULTING INC \$	12,368.00
ACH	ARCADIS US INC	
	EN19001/EN19006-1/23 Prof Svcs 5,666,021.79	362,698.73
	ARCADIS US INC \$	362,698.73
ACH	TECHNICAL SYSTEMS INC	
	TSI Job Number 8172 - IEUA Task 12 CCWRF 8172-002	23,970.00
	TECHNICAL SYSTEMS INC \$	23,970.00
ACH	WEST COAST ADVISORS	

Check	Payee / Description	Amount
	Legislative Consulting March 23 13580	9,500.00
	WEST COAST ADVISORS \$	9,500.00
ACH	MANAGED MOBILE INC	
	02/01 Vehicle Service Call/Maintenance IN00-0260695	215.40
	MANAGED MOBILE INC \$	215.40
ACH	PACIFIC COURIERS INC	
	Board Packages for the month of February 23-02-2008	2,804.75
	PACIFIC COURIERS INC \$	2,804.75
ACH	MWH CONSTRUCTORS INC	
	TO#3-1/23 Prof Svcs 2023-30505777	16,237.56
	MWH CONSTRUCTORS INC \$	16,237.56
ACH	GILLIS + PANICHAPAN ARCHITECTS	
	4600002710-1/1-2/28 Prof Svcs 108467J	1,485.00
	4600002710-2/23 Prof Svcs 108466J	7,105.00
	GILLIS + PANICHAPAN ARCHITECTS \$	8,590.00
ACH	SHAW HR CONSULTING INC	
	Professional Service 12/5/2022-2/14/2023 007356	1,765.00
	Prof. Services 01/19 2/15 007274	2,312.10
	SHAW HR CONSULTING INC \$	4,077.10
ACH	TRANSENE COMPANY INC	
	Materials 215617	696.96
	TRANSENE COMPANY INC \$	696.96
ACH	AMERICAN OFFICE PROFESSIONALS	
	SERVICE HP COLOR LASERJET CP 4025 SER # 3525	89.95
	AMERICAN OFFICE PROFESSIONALS \$	89.95
ACH	MEANS CONSULTING LLC	
	PL19005-1/23 Prof Svcs IE-5654-B	11,677.05
	MEANS CONSULTING LLC \$	11,677.05
ACH	HOWDEN ROOTS LLC	
	Project : R053427 POIR091515	6,083.57
	HOWDEN ROOTS LLC \$	6,083.57
ACH	GARRATT CALLAHAN COMPANY	
	RP1 2/23 Water Treatment Program 1241187	605.13
	RP2-2/23 Water Treatment Program 1240988	506.00
	GARRATT CALLAHAN COMPANY \$	1,111.13
ACH	INNOVYZE INC	
	INFOCARE RENEWAL Q-135113	4,687.80

Check Payee / Description	Amount
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INNOVYZE INC	\$	4,687.80
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ACH	WATER SYSTEMS CONSULTING INC		
	Water Resource Program Jan 2023	7578	10,736.25
			-
	WATER SYSTEMS CONSULTING INC	\$	10,736.25

ACH	CAPO PROJECTS GROUP LLC		
	Desinfestation Pump Improvements	6525	37,272.04
			-
	CAPO PROJECTS GROUP LLC	\$	37,272.04

ACH	SMARTCOVER SYSTEMS		
	Monthly Service	24941	1,688.42
	Service Location: MI 043 Service Date: 0	24763	195.00
	Monthly Service and Warranty	24841	1,140.00
	Service Location: LST 001 Service Date:	24729	195.00
	Service Location: WI 046 Service Date: 1	24666	1,000.00
			-
	SMARTCOVER SYSTEMS	\$	4,218.42

ACH	COTHRAN JR, PHILLIP WAYNE		
	3/2/23 Policy Cmmtt Fee-Cothran,P	RPC-3/2/22	100.00
			-
	COTHRAN JR, PHILLIP WAYNE	\$	100.00

ACH	STAPLES CONTRACT & COMMERCIAL		
	Office supplies	3532379074	67.20
	Office supplies	3532379075	29.30
	Office Supplies	3532379076	197.36
			-
	STAPLES CONTRACT & COMMERCIAL	\$	293.86

ACH	INLAND EMPIRE WINDUSTRIAL CO		
	2PC PTFE SEATS, D020 2 COMBINATION AIR V	045270-01	7,056.50
	FBD9006 6 FLXFL 90 BEND, RED PRIMER, CUT	045222-01	2,167.39
	ZZK-D020 KIT, O-RING GASKET, COMB AIR VA	044906-01	11,550.37
	SPRING NUT, 1/4XCLOSE, 1/4 TUBE X 1/4 NP	045109-01	292.48
			-
	INLAND EMPIRE WINDUSTRIAL CO	\$	21,066.74

ACH	FLEETISTICS		
	3/23 Geotab Solar Asset Tracker	105009	2,873.46
			-
	FLEETISTICS	\$	2,873.46

ACH	DUTREY, JAVIER J		
	3/2/23 Policy Cmmtt Fee-Dutrey,J	RPC-3/2/22	100.00
			-
	DUTREY, JAVIER J	\$	100.00

ACH	PILLSBURY WINTHROP SHAW PITTMA		
	Employee Benefits Advice	8515480	2,325.00
			-
	PILLSBURY WINTHROP SHAW PITTMA\$		2,325.00

ACH	ADAM'S FALCONRY SERVICE LLC		
	2/23 Bird Control Svcs	17619	2,080.00

Check Payee / Description			Amount
ADAM'S FALCONRY SERVICE LLC			\$ 2,080.00
ACH	VELTO, BILL		
	3/2/23 Policy Cmmtt Fee-Velto,B	RPC-3/2/22	100.00
	VELTO, BILL	\$	100.00
ACH	CLIFTONLARSONALLEN LLP		
	Audit for FY End 06/30/22	3584763	5,999.70
	CLIFTONLARSONALLEN LLP	\$	5,999.70
ACH	DENALI WATER SOLUTIONS LLC		
	RP2-1/23 Biosolids Hauling to IERCF	INV403678	21,310.83
	RP1-1/23 Biosolids Hauling to IERCF	INV403679	25,739.75
	DENALI WATER SOLUTIONS LLC	\$	47,050.58
ACH	METRO BUILDERS & ENGINEERS GRP		
	Pay Estimate #1 Period 12/31/2022	619-1	29,632.00
	METRO BUILDERS & ENGINEERS GRPS		29,632.00
ACH	ACCUSOURCE HR		
	Background Screening - County Records Se 109078		780.63
	ACCUSOURCE HR	\$	780.63
ACH	THE GATE GUY		
	Service call	502	777.90
	THE GATE GUY	\$	777.90
ACH	STUART ANDREW MORRISON		
	Professional Services	2303-1	4,800.00
	STUART ANDREW MORRISON	\$	4,800.00
ACH	DISABLED VETERAN MODULAR BUILD		
	RP5 Trailer Roof	547	21,150.00
	HR Trailer Roof Repair Svcs	546	16,600.00
	Private Office Installation	545	9,500.00
	DISABLED VETERAN MODULAR BUILDS		47,250.00
ACH	CARPI & CLAY INC		
	1/23 Fed Gov Advocacy Svcs	23-01-IEU	7,000.00
	CARPI & CLAY INC	\$	7,000.00
ACH	ESKER INC		
	2/23 Prof Svcs	460238920	427.32
	ESKER INC	\$	427.32
ACH	THE ROVISYS COMPANY		
	2/1/2023 - 2/28/2023 Prof Services	82689	5,688.00

Check Payee / Description	Amount
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THE ROVISYS COMPANY	\$	5,688.00
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ACH	DR MARISSA INC		
	1/2023 Training and Coaching	202301 #1	16,920.58
	2/23 Prof Svcs	202301 #2	25,876.52
			-
	DR MARISSA INC	\$	42,797.10

ACH	SO CALIF EDISON		
	RP2MntLnchRm-2/1-2/28 16400 El Prado Rd	8005078295 2/	13,135.89
	PrdLS-1/31-2/28 34 Johnson-Pine	8000032094 2/	77.73
	TrnrBsnRW-1/30-2/27 1063 Turner Ave	8004601423 2/	18.66
	Trnr3&4-1/30-2/27 916 Archibald Ave	8001265279 3/	54.19
	RP5/TP5/HQA/B-1/31-2/28 6075 Kimball Ave	8002326317 2/	164,965.69
	RP1-2/1-2/28 2450 Phila St	8000389509 2/	112.98
	RP1StLts-2/1-2/28 34 Phila	8000340637 2/	27.73
	RP2MntLnchRm-2/1-2/28 16400 El Prado Rd	8000703247 2/	263.84
	PrdDchlStn-1/31-2/28 34 Johnson-Pine	8000932049 2/	857.55
			-
	SO CALIF EDISON	\$	179,514.26

ACH	SO CALIF GAS		
	HQA/B-1/27-2/28 6075 Kimball Ave	15729783 2/23	128.94
	RP5-1/27-2/28 6075 Kimball Ave	13619305 2/23	3,492.29
	RP1Cmplx-1/30-3/1 2450 Phila St	12140888	53.76
	Lab-1/30-3/1 2450 Phila St	15577783 2/23	14.79
	TP5-1/27-2/28 6075 Kimball Ave	15579076 2/23	24.88
			-
	SO CALIF GAS	\$	3,714.66

ACH	BENEFIT COORDINATORS CORPORATI		
	2/23 LTD,Agency Pd Life,Employee Pd Life 12334		17,370.31
	1/23 LTD,Agency Pd Life,Employee Pd Life 12162		17,062.08
			-
	BENEFIT COORDINATORS CORPORATI\$		34,432.39

ACH	IEUA EMPLOYEES' ASSOCIATION		
	P/R DIR 03 3/10/23 Employee Ded	HR 0112100	12.00
			-
	IEUA EMPLOYEES' ASSOCIATION	\$	12.00

ACH	WESTERN DENTAL PLAN		
	2/23 Agency Dental Plan,8/22-1/23 Premiu	297287 & 2972	1,793.46
	1/23 Agency Dental Plan	294917 & 2949	1,953.44
			-
	WESTERN DENTAL PLAN	\$	3,746.90

ACH	COLONIAL LIFE & ACCIDENT INSUR		
	3/23 Disability,Cancer,Universal/Term Li 7274194030162		229.57
	1/23 Disability,Cancer,Universal/Term Li 7274194010186		229.57
			-
	COLONIAL LIFE & ACCIDENT INSUR\$		459.14

ACH	WEX HEALTH INC		
	Dec 2022 Admin Fees	0001652088-IN	228.00
			-
	WEX HEALTH INC	\$	228.00

ACH	BENEFIT COORDINATORS CORPORATI
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Check	Payee / Description	Amount
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	1/23 Agency Dental Plan	B07M3B	21,372.90
	2/23 Agency Dental Plan	B07WMN	19,493.20
			- - - - -
	BENEFIT COORDINATORS CORPORATIS		40,866.10

ACH	LEGALSHIELD		
	2/23 Employee Prepaid Legal Services	2/23	285.10
	1/23 Employee Prepaid Legal Services	1/23	285.10
	12/22 Employee Prepaid Legal Services	12/22	179.40
			- - - - -
	LEGALSHIELD	\$	749.60

ACH	SWEZEY, TOM		
	Swezey, T-ExpRpt-1/9-1/13 AWWA Training	1/9-1/13 TRAI	92.84
			- - - - -
	SWEZEY, TOM	\$	92.84

ACH	AQUA BEN CORPORATION		
	RP1-4600 Lbs Hydrofloc 748E	45781	7,236.49
	RP1-13,800 Lbs Hydrofloc 750A	45782	22,750.34
			- - - - -
	AQUA BEN CORPORATION	\$	29,986.83

ACH	FISHER SCIENTIFIC		
	ORDERED PART GLS FIBR FILT PPR 9CM 100/P	0717516	1,787.66
	ORDERED PART BLENDER CNTNR FOR 1LT MODEL	0640680	143.64
	STABLCAL AMPULE KIT 0-4000 NTU	0524100	498.70
	ORDERED PART FUNNEL GLS SHT STEM 75104 1	0755664	316.79
	ORDERED PART KIMAX BKR GRFN LWFM 150ML 1	0792444	906.13
	ETHYL ETHER PEST GRADE 4L	0829226	179.34
			- - - - -
	FISHER SCIENTIFIC	\$	3,832.26

ACH	HARRINGTON INDUSTRIAL PLASTICS		
	SOLVENT CEMENT PVC QT GRY LOW VOC HEAVY	012M3227	370.26
	JOINT COMPOUND QT 505 KEYTITE	012M3225	515.49
	DAMPENER PULSATRON, BLADDR SENTRY, CHARG	012M3027	1,877.02
	TUBE ASSEMBLY 1/2" NPT NORPRENE 1/2" ID	012M3228	2,598.44
			- - - - -
	HARRINGTON INDUSTRIAL PLASTICS	\$	5,361.21

ACH	SANTA ANA WATERSHED		
	Jan 2023 Truck Discharge	10225	24,762.05
	January 2023 Service	10231	76,958.34
			- - - - -
	SANTA ANA WATERSHED	\$	101,720.39

ACH	SOUTHWEST ALARM SERVICE		
	IEUA RP5 TRAILER SECURITY MONITORING MAR	079808	50.00
			- - - - -
	SOUTHWEST ALARM SERVICE	\$	50.00

ACH	UNDERGROUND SERVICE ALERT/SC		
	2021 Dig Safe Board CA Regulatory Fee-In	22-2303009	146.24
	2021 Dig Safe Board CA Regulatory Fee-In	22-2302616	146.24
	January 2023-258 Dig Alerts	1220220337	459.75
			- - - - -
	UNDERGROUND SERVICE ALERT/SC	\$	752.23

Check	Payee / Description	Amount
ACH	UNIVAR SOLUTIONS USA INC	
	RP-1 11,194.60 Sodium Bisulfate 50979618	7,617.27
	UNIVAR SOLUTIONS USA INC \$	7,617.27
ACH	AIRGAS USA LLC	
	CCWRF-2/28 Cylinder Rental 9995524056	20.16
	HQA-2/28 Cylinder Rental 9995524051	2.16
	RP1-2/28 Cylinder Rental 9995524057	51.80
	RP1-115.7 Gal Propane 9135736342	537.32
	RP1- 2/28 Cylinder Rental 9995524055	10.08
	Lab-1/31 Cylinder Rental 9994802779	94.86
	AIRGAS USA LLC \$	716.38
ACH	PETE'S ROAD SERVICE	
	YARD SERVICE CALL 23-0653049-00	2,857.09
	PETE'S ROAD SERVICE \$	2,857.09
ACH	CUCAMONGA VALLEY WATER DISTRIC	
	5/21,6/21 Legal Fees f/Chino Basin Water 20708	242.98
	4/21 Legal Fees f/Chino Basin Water Bank 20663	130.13
	10/21 Legal Fees f/Chino Basin Water Ban 20801	548.70
	12/21,1/22 Legal Fees f/Chino Basin Wate 20960	1,231.20
	CUCAMONGA VALLEY WATER DISTRICTS	2,153.01
ACH	ENVIRONMENTAL RESOURCES ASSOC	
	Environmental Testing - metals, acids, m 031889	8,204.55
	ENVIRONMENTAL RESOURCES ASSOC \$	8,204.55
ACH	ROCKWELL ENGINEERING & EQUIPME	
	VAUGHAN HORIZONTAL PUMP 21386	10,993.34
	ROCKWELL ENGINEERING & EQUIPMES	10,993.34
ACH	CDM SMITH INC	
	EN19024-12/4/22-2/4/23 Prof Svcs 90171536	479,497.82
	CDM SMITH INC \$	479,497.82
ACH	KONICA MINOLTA BUSINESS SOLUTI	
	1/27-2/26/23 Lease Copier 9009170059	606.83
	9009168720	50.76
	01/27/2023-02/03/2023 9009165766	8.33
	KONICA MINOLTA BUSINESS SOLUTIS	665.92
ACH	CAROLLO ENGINEERS	
	EN11039-1/23 Prof Svcs FB33007	20,168.20
	CAROLLO ENGINEERS \$	20,168.20
ACH	ALFA LAVAL INC	
	Belts 283012227	7,215.84
	ALFA LAVAL INC \$	7,215.84

Check Payee / Description	Amount
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ACH	SUPPORT PRODUCT SERVICES INC		
	J2KN PRO EASY Analyzer	11445	11,785.44
	J2KN PRO EASY Analyzer	11577	11,794.59
			-
	SUPPORT PRODUCT SERVICES INC	\$	23,580.03

ACH	HACH COMPANY		
	Ryton Salt Bridge	13397229	453.58
			-
	HACH COMPANY	\$	453.58

ACH	PLUMBERS DEPOT INC		
	RP1 Swag Tool,Fitting	PD-50260	2,115.25
	RP1 Repair TV Truck Cable End	PD-50306	748.43
	RP1-Repair/Parts and Labor Truck SHC0068	PD-49143	9,394.73
			-
	PLUMBERS DEPOT INC	\$	12,258.41

ACH	ROBERT HALF MANAGEMENT RESOURC		
	Samore,J-WE 1/13/23	61413575	5,002.50
	Samore,J-WE 3/3/23	61676349	5,401.25
	Steele,S-WE 2/24/23	61630728	2,679.60
	Olivares,J-WE 2/24/23	61630657	2,310.00
	Mahdian,M-WE 2/24/23	61630398	2,070.00
	Chen,R-WE 2/24/23	61636380	2,906.63
	Reyes,G-WE 2/24/23	61636464	2,740.50
			-
	ROBERT HALF MANAGEMENT RESOURC	\$	23,110.48

ACH	STANTEC CONSULTING INC		
	EN23123-1/1-2/3 Prof Svcs	2042243	27,966.50
	EN23123-11/14-12/31/22 Prof Svcs	2047444	37,093.50
			-
	STANTEC CONSULTING INC	\$	65,060.00

ACH	NATIONAL CONSTRUCTION RENTALS		
	Rental Unit,Handwash Station,Handicap Un	6894655	572.70
			-
	NATIONAL CONSTRUCTION RENTALS	\$	572.70

ACH	DETECTION INSTRUMENTS CORP		
	IPX Rental 6 Months	3992-54019	4,154.17
			-
	DETECTION INSTRUMENTS CORP	\$	4,154.17

ACH	SAP PUBLIC SERVICES INC		
	SAP Enterprise Support 3/1/23-12/31/23	1006523000017	12,375.00
	SAP Business Suite Ltd Professional Soft	1006523000016	67,500.00
			-
	SAP PUBLIC SERVICES INC	\$	79,875.00

ACH	OLIN CORP		
	4,922 Sodium Hypochlorite 12.5	900250827	9,641.97
	4,876 Sodium Hypochlorite 12.5	900251031	9,551.85
	4,894 Sodium Hypochlorite 12.5	900251177	9,587.12
	9,583.20 Sodium Hypochlorite 12.5	900250828	9,583.20
	4,890 Sodium Hypochlorite 12.5	900250826	9,579.28
	TP1- 4906 Gals Sodium Hypochlorite	900250308	9,610.62

Check		Payee / Description	Amount
		OLIN CORP	\$ 57,554.04
ACH		GK & ASSOCIATES	
	4600002849-2/23	Prof Svcs 23-008	25,080.00
		GK & ASSOCIATES	\$ 25,080.00
ACH		SUN WIRELESS	
		Radio Training 23011	2,329.91
		SUN WIRELESS	\$ 2,329.91
ACH		CRB SECURITY SOLUTIONS	
		Down Payment-Camera System Installation 19446	10,841.10
		CRB SECURITY SOLUTIONS	\$ 10,841.10
ACH		INDUSTRIAL RUBBER & SUPPLY INC	
		80" OAL LOCK HOSE, 1/8" BRASS PIPE COUPL 56403	1,021.49
		18' X 2" SPIRALITE 115 HOSE CPLD 2" CPOL 56144	183.30
		INDUSTRIAL RUBBER & SUPPLY INC\$	1,204.79
ACH		KIM'S MASTER AUTO REPAIR	
		Parts and Labor for Truck 750 043629	324.00
		Parts and Labor for Truck 1290021 043626	560.85
		KIM'S MASTER AUTO REPAIR	\$ 884.85
ACH		GHD INC	
		TO#21-1/31-2/25 Prof Svcs 380-0028836	5,621.16
		GHD INC	\$ 5,621.16
ACH		EUROFINS EATON ANALYTICAL LLC	
		3/1/23 Water Sample Analysis 3800019022	1,580.00
		2/23/23 Diluent Sample Analysis 3800018738	900.00
		2/16/23 Water Sample Analysis 8100045313	2,725.00
		2/23/23 Water Sample Analysis 3800018736	1,380.00
		2/24/23 Water Sample Analysis 3800018801	550.00
		2/7/23 Water Sample Analysis 3800019035	2,000.00
		11/11/2022 Water Sample Analysis 8100045317	1,605.00
		EUROFINS EATON ANALYTICAL LLC	\$ 10,740.00
ACH		ELECTRO-CHEMICAL DEVICES INC	
		Sensors, Membrane Replacement 75269	1,519.04
		ELECTRO-CHEMICAL DEVICES INC	\$ 1,519.04
ACH		CALIFORNIA WATER TECHNOLOGIES	
		RP1-18,006.06 Lbs Ferric Chloride Soluti 43565	8,600.81
		CALIFORNIA WATER TECHNOLOGIES	\$ 8,600.81
ACH		D & H WATER SYSTEMS INC	
		Tube Assy I2023-0271	211.80

Check		Payee / Description	Amount
		D & H WATER SYSTEMS INC	\$ 211.80
ACH		PREMIUM PROMOTIONALS	
		Polos, Caps, Hats	2208017 1,769.82
		PREMIUM PROMOTIONALS	\$ 1,769.82
ACH		SUPERIOR ELECTRIC MOTOR SERVIC	
		Pump Motor	131009 2,978.65
		SUPERIOR ELECTRIC MOTOR SERVICES	\$ 2,978.65
ACH		MANAGED MOBILE INC	
		Repair Parts/Labor for Veh 1918	IN00-0261594 469.24
		Repair Parts/Labor Veh 0710	IN00-0259979 2,303.88
		MANAGED MOBILE INC	\$ 2,773.12
ACH		WALLACE & ASSOCIATES CONSULTIN	
		4600002853-8/29-10/2 Prof Svcs	W800758R 47,533.20
		Prof Svcs 10/31/22-11/27/22	W800908 35,965.00
		Prof Svcs 10/3/22-10/30/22	W800834 27,456.00
		WALLACE & ASSOCIATES CONSULTINS	\$ 110,954.20
ACH		PRIORITY BUILDING SERVICES LLC	
		RP-5 Construction Trailer Maint 2/23	87126 1,538.61
		PRIORITY BUILDING SERVICES LLC	\$ 1,538.61
ACH		UNITED LABORATORIES INC	
		Bio-Accel, Liberator Bacterial, H2S Sorb	INV372872 14,416.95
		UNITED LABORATORIES INC	\$ 14,416.95
ACH		JWC ENVIRONMENTAL LLC	
		40002-2400-Monster Renew	114154 43,835.94
		JWC ENVIRONMENTAL LLC	\$ 43,835.94
ACH		WATER SYSTEMS CONSULTING INC	
		EN22041-10/1-1/31 Prof Svcs	7657 841.25
		WATER SYSTEMS CONSULTING INC	\$ 841.25
ACH		RBC RESOURCES	
		2/1-2/28 USARHCP Support	51 2,618.00
		RBC RESOURCES	\$ 2,618.00
ACH		REDWOOD ENERGY STORAGE II LLC	
		2/23 RP1/RP5/CC Monthly Mgmt Services	1032 10,659.95
		2/23 RP4 Energy Storage System Mgmt	2032 28,198.80
		REDWOOD ENERGY STORAGE II LLC	\$ 38,858.75
ACH		CAPO PROJECTS GROUP LLC	
		Desinfection Pump Improvements	6616 334.00

Check		Payee / Description	Amount
		CAPO PROJECTS GROUP LLC	\$ 334.00
ACH	AMTEC	Bratton, Z-WE3/5/23	74053 1,200.00
	AMTEC		\$ 1,200.00
ACH	INGERSOLL-RAND INDUSTRIAL US I	ELEMENT, COOLANT FILTER N75-160	26423687 1,814.87
	INGERSOLL-RAND INDUSTRIAL US IS		\$ 1,814.87
ACH	THE GATE GUY	Steel	522 1,023.63
		Labor-Installation of Welding	521 400.00
	THE GATE GUY		\$ 1,423.63
ACH	DOPUDJA & WELLS CONSULTING INC	AgncyMgmt-2/23 Prof Svcs	1217 5,900.00
	DOPUDJA & WELLS CONSULTING INCS		\$ 5,900.00
ACH	CARPI & CLAY INC	2/23 Fed Gov Advocacy Svcs	23-02-IEU 7,000.00
	CARPI & CLAY INC		\$ 7,000.00
ACH	CCS LEARNING ACADEMY	Workshop on Mindset and Growth action pl 132890	1,300.00
	CCS LEARNING ACADEMY		\$ 1,300.00
ACH	ARELLANO ASSOCIATES LLC	2/23 Prof Svcs	19616 7,784.65
	ARELLANO ASSOCIATES LLC		\$ 7,784.65
ACH	ADJ ELECTRIC LLC	Dish Washer leaking Repair Svcs	I230209860 900.00
	ADJ ELECTRIC LLC		\$ 900.00
ACH	SO CALIF GAS	CCWRP/TP-1/31-3/2 14950 Telephone Ave	14959861 2/23 338.23
	SO CALIF GAS		\$ 338.23
ACH	LEVEL 3 COMMUNICATIONS LLC	3/23 993-1600	993-1600 3/23 3,003.66
	LEVEL 3 COMMUNICATIONS LLC		\$ 3,003.66
ACH	IEUA EMPLOYEES' ASSOCIATION	P/R 05 3/10/23 Employee Ded	HR 0113100 177.00
	IEUA EMPLOYEES' ASSOCIATION		\$ 177.00
ACH	IEUA SUPERVISORS UNION ASSOCIA		

Check		Payee / Description	Amount
	P/R 05 3/10/23 Employee Ded	HR 0113100	315.00
	IEUA SUPERVISORS UNION ASSOCIAS		315.00
ACH	IEUA GENERAL EMPLOYEES ASSOCIA		
	P/R 05 3/10/23 Employee Ded	HR 0113100	956.60
	IEUA GENERAL EMPLOYEES ASSOCIAS		956.60
ACH	INLAND EMPIRE UNITED WAY		
	P/R 05 3/10/23 Employee Ded	HR 0113100	21.00
	INLAND EMPIRE UNITED WAY	\$	21.00
ACH	IEUA PROFESSIONAL EMPLOYEES AS		
	P/R 05 3/10/23 Employee Ded	HR 0113100	636.00
	IEUA PROFESSIONAL EMPLOYEES ASS		636.00
ACH	WEX HEALTH INC		
	P/R 05 3/10/23 Cafeteria Plan	HR 0113100	4,896.10
	WEX HEALTH INC	\$	4,896.10
ACH	CITY EMPLOYEES ASSOCIATES		
	P/R 05 3/10/23 Employee Ded	HR 0113100	331.50
	CITY EMPLOYEES ASSOCIATES	\$	331.50
ACH	CAMACHO, MICHAEL		
	Camacho, M_ExpRpt_1/26-1/27 CASA Conferen 1/26-27 CASA		181.60
	CAMACHO, MICHAEL	\$	181.60
ACH	ELIE, STEVE		
	Elie, S_ExpRpt_2/23_Urban Water Institute UWI 2/23		105.65
	ELIE, STEVE	\$	105.65
ACH	EMPOWER RETIREMENT		
	P/R 05 3/13/23 Deferred Comp	HR 0113100	92,650.26
	EMPOWER RETIREMENT	\$	92,650.26
ACH	HARRINGTON INDUSTRIAL PLASTICS		
	ADAPTER PVC, SOLVENT CEMENT, GASKET GARL 012M3113		1,530.38
	HARRINGTON INDUSTRIAL PLASTICS	\$	1,530.38
ACH	UNDERGROUND SERVICE ALERT/SC		
	March 2023-202 Dig Alerts	220230334	361.75
	UNDERGROUND SERVICE ALERT/SC	\$	361.75
ACH	UNIVAR SOLUTIONS USA INC		
	SOD BISULFITE 25% BULK TECH LIQ	50988834	6,862.25
	UNIVAR SOLUTIONS USA INC	\$	6,862.25

Check Payee / Description	Amount
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ACH	WAXIE SANITARY SUPPLY		
	Supplies	81567916	2,802.17
			- - - - -
	WAXIE SANITARY SUPPLY	\$	2,802.17

ACH	AIRGAS USA LLC		
	CBM-2/28 Cylinder Rental	9995524053	85.68
	LAB-3/1 Argon Microbulk Tank	9135482210	556.77
	RP2-2/28 Cylinder Rental	9995524052	20.16
	LAB-2 CL Nitrogen	9135278674	56.59
			- - - - -
	AIRGAS USA LLC	\$	719.20

ACH	GRAINGER INC		
	INDUSTRIAL FIRE HOSE, WP REDUCING VALVE, 9633602108		1,513.60
			- - - - -
	GRAINGER INC	\$	1,513.60

ACH	FLUID COMPONENTS INTERNATIONAL		
	Repair Gas Mass Flow Meter	1151022	1,221.11
			- - - - -
	FLUID COMPONENTS INTERNATIONALS		1,221.11

ACH	O RINGS & THINGS		
	Parker Oil Filter	132230	1,238.56
			- - - - -
	O RINGS & THINGS	\$	1,238.56

ACH	KONICA MINOLTA BUSINESS SOLUTI		
	Service 10/27/22-11/26/22	9009195510	676.09
			- - - - -
	KONICA MINOLTA BUSINESS SOLUTI\$		676.09

ACH	RED WING SHOE STORE		
	Emp Safety Shoe Purchase(s)	2023031202355	225.00
			- - - - -
	RED WING SHOE STORE	\$	225.00

ACH	LIEBERT CASSIDY WHITMORE		
	9/30 Attorney Svcs	226301	290.50
	12/22 Attorney Svcs	232174	498.00
			- - - - -
	LIEBERT CASSIDY WHITMORE	\$	788.50

ACH	MPS SECURITY		
	Jan 2023 RP1 Standing Guard Service	2750	6,384.69
	Jan 2023 Chino Wetlands Guard Service	2748	2,134.08
	Jan 2023 IEUA Rover Patrol Service	2749	13,534.56
			- - - - -
	MPS SECURITY	\$	22,053.33

ACH	WESTERN WATER WORKS SUPPLY CO		
	Comb Air Vlv Epoxy	1129158-00	7,466.86
			- - - - -
	WESTERN WATER WORKS SUPPLY CO \$		7,466.86

ACH	KENNEDY/JENKS CONSULTANTS INC		
	EN21056-1/27-2/24 Prof Svcs	161798	12,900.00
			- - - - -

Check		Payee / Description	Amount
		KENNEDY/JENKS CONSULTANTS INC \$	12,900.00
ACH		HACH COMPANY	
		Vial, Brush, Buret 13493453	506.97
		HACH COMPANY \$	506.97
ACH		VAUGHAN'S INDUSTRIAL REPAIR CO	
		RP-5 Pump #3 removal 029249	11,518.10
		VAUGHAN'S INDUSTRIAL REPAIR COS	11,518.10
ACH		OLIN CORP	
		4,948 Sodium Hypochlorite 12.5 900252665	9,692.90
		4,896 Sodium Hypochlorite 12.5 900251646	9,591.04
		Sodium Hypochlorite 12.5 wt% Bacticide 900252025	6,180.98
		Sodium Hypochlorite 12.5 Bacticide 900252152	9,591.04
		Sodium Hypochlorite 12.5 wt% Bacticide 900252024	9,677.23
		3,020 Sodium Hypochlorite 12.5 900253058	6,218.04
		4,916 Sodium Hypochlorite 12.5 900253057	9,630.22
		OLIN CORP \$	60,581.45
ACH		MEYERS NAVE	
		2/23 PFAS Issues 203355	1,155.00
		MEYERS NAVE \$	1,155.00
ACH		DAVID WHEELER'S PEST CONTROL I	
		IEUA RP5/ADMIN-3/1/23 Pest Control Svcs 66292	585.00
		IEUA RP5-3/1/23 Pest Control Svcs 66207	536.00
		IEUA CCWRF-3/1/23 Pest Control Svcs 66296	1,130.00
		IEUA RP5/ADMIN-3/1/23 Pest Control Svcs 66362	1,565.00
		DAVID WHEELER'S PEST CONTROL IS	3,816.00
ACH		KIM'S MASTER AUTO REPAIR	
		Repair for Veh.1401 043630	767.25
		KIM'S MASTER AUTO REPAIR \$	767.25
ACH		GHD INC	
		TO #17 2/23 Prof Svcs 380-0028859	2,931.23
		EN22031-1/29-2/25/23 Prof Svcs 380-0028743	16,810.08
		11181240-1/30-2/25 Prof Svcs 380-0028835	1,065.63
		GHD INC \$	20,806.94
ACH		TRICO CORPORATION	
		RP1 parts 213722	72.56
		TRICO CORPORATION \$	72.56
ACH		AUTOZONE PARTS INC	
		Anti-Seize Lubricants 5618896337	290.63
		AUTOZONE PARTS INC \$	290.63
ACH		STAFFING NETWORK HOLDINGS LLC	

Check	Payee / Description	Amount
	01/08 8 Hrs. Saldibar, Margie A 95893260	372.00
	Saldibar, Margie A 1/15/2023 16 Hours 95893672	744.00
	STAFFING NETWORK HOLDINGS LLC \$	1,116.00
ACH	STATEWIDE TRAFFIC SAFETY AND S	
	4600002466 // RFQ-RH-17-123 TRAFFIC CONT 3428149827	4,950.00
	STATEWIDE TRAFFIC SAFETY AND SS	4,950.00
ACH	CALIFORNIA WATER TECHNOLOGIES	
	RP1- 40,780 Lbs Ferric Chloride 43595	8,064.33
	Phills-18,352.20 Lbs Ferric Chloride Sol 43539	8,766.15
	Phills-17,488.84 Lbs Ferric Chloride Sol 43576	8,353.77
	CALIFORNIA WATER TECHNOLOGIES \$	25,184.25
ACH	TRIPEPI SMITH AND ASSOCIATES I	
	ANNUAL CYCLE FOR ANNUAL WEBSITE DEVELOPM 9591	9,064.50
	TRIPEPI SMITH AND ASSOCIATES IS	9,064.50
ACH	MANAGED MOBILE INC	
	02/28 Vehicle Service Call/Maintenance IN00-0261766	1,825.09
	02/28 Vehicle Service Call/Maintenance IN00-0261771	3,452.07
	02/28 Vehicle Service Call/Maintenance IN00-0261767	2,580.69
	MANAGED MOBILE INC \$	7,857.85
ACH	WALLACE & ASSOCIATES CONSULTIN	
	4600002853-1/23 Prof Svcs W801029	31,000.00
	Prof Services 01/02/23-01/29/23 W801030	87,469.35
	4600002853-8/22 Prof Svcs W800671	16,130.40
	WALLACE & ASSOCIATES CONSULTIN\$	134,599.75
ACH	ECOTECH SERVICES INC	
	2576	7,645.00
	ECOTECH SERVICES INC \$	7,645.00
ACH	TRANSENE COMPANY INC	
	Buffer Solution 215960	496.68
	TRANSENE COMPANY INC \$	496.68
ACH	MEANS CONSULTING LLC	
	PL19002-2/23 Prof Svcs IE-5655	14,950.00
	MEANS CONSULTING LLC \$	14,950.00
ACH	STAPLES CONTRACT & COMMERCIAL	
	Office supplies 3532846972	185.33
	STAPLES CONTRACT & COMMERCIAL \$	185.33
ACH	CONSTRUCTION TESTING AND	
	RP1 Blower Building 2/23 Prof Svcs 00689875	5,725.00
	EN11039-2/23 Concrete Field Technician 00690279	3,685.00

Check Payee / Description		Amount
CONSTRUCTION TESTING AND		\$ 9,410.00
ACH FLYERS ENERGY LLC		
105880-MobilGear 600 XP	23-771235	147.80
Mobilux EP2, Nuto H 68	23-771238	882.52
FLYERS ENERGY LLC	\$	1,030.32
ACH THE GATE GUY		
	512	325.00
Service call	504	130.00
Service call	501	293.50
THE GATE GUY	\$	748.50
ACH ESKER INC		
2/23 Prof Svcs	460240302	1,812.50
ESKER INC	\$	1,812.50
ACH DIVERSIFIED THERMAL SERVICES I		
CCWRF-3/8/23 Maint Contract Svcs	S36512	1,787.10
AC Repair	S36513	365.00
RP1-3/13 Maint Contract Svcs	S36615	8,150.00
DIVERSIFIED THERMAL SERVICES IS		10,302.10
ACH SCOTT OVERHEAD DOORS & DOCK		
	8820	3,014.00
SCOTT OVERHEAD DOORS & DOCK	\$	3,014.00
ACH TITUS WASTEWATER SOLUTIONS INC		
EN23015 Water-Resistant Manhole Cover	10415	14,590.90
TITUS WASTEWATER SOLUTIONS INC	\$	14,590.90
ACH SO CALIF EDISON		
ZnRsvr-2/6-3/6 12749 6th St	8002740158 2/	5.81
JrpBsn-2/7-3/7 13450 Jurupa	8000401711 2/	4,423.59
PhillLS-2/7-3/7 1818 Phila St	8000031143 2/	8,582.56
HckryDm-2/7-3/7 13400 Whittram Ave	8000257085 2/	62.91
RP1-1/6-2/5 2450 Phila St	8000032453 1/	160,827.84
CllgHgts/LwrDy/RP3Bsn/TrnrBsn1-1/31-2/28	0297941406 2/	35.01
MntclLS-2/9-3/9 34 Palmetto-Phila	8000031789 2/	1,363.06
RP4-2/6-3/6 12811 6th St	8000598564 2/	230.40
SO CALIF EDISON	\$	175,531.18
ACH SO CALIF GAS		
RP1-2/1-3/1 2450 Phila St	11336197 2/23	50.00
RP1-2/1-3/1 2450 Phila St	5300510 2/23	84.48
RP2Dg-2/1-3/1 16400 El Prado Rd	14944655 2/23	254.82
SO CALIF GAS	\$	389.30
ACH SHELL ENERGY NORTH AMERICA LP		
2/23 Gas Cmmnty Core,12/22 Adj	1100002880302	5,089.41

Check	Payee / Description	Amount
	SHELL ENERGY NORTH AMERICA LP \$	5,089.41
ACH	ELIE, STEVE Elie,S_ExpRpt_1/27_SCWC Luncheon SCWC 1/27 LUN	25.98
	ELIE, STEVE \$	25.98
ACH	CHENG, IVAN Cheng,I-ExpRpt-10/7-10/13 WEFTEC 10/7-10/13 WE	446.21
	CHENG, IVAN \$	446.21
ACH	MCDONNEL, WILLIAM McDonnell,W Exp Rpt 2/22-2/24 Urban Wate 2/22-2/24 CON	315.98
	MCDONNEL, WILLIAM \$	315.98
ACH	AQUA BEN CORPORATION RP2-23,000 Lbs Hydrofloc 748E 45788	36,182.45
	AQUA BEN CORPORATION \$	36,182.45
ACH	CALTROL INC Digital Valve Controller CD99174027	270.64
	CALTROL INC \$	270.64
ACH	FISHER SCIENTIFIC Ammonium Chloride,Filter Forceps,PH Stri 1117979	4,082.64
	Stopper 0997089	39.74
	FISHER SCIENTIFIC \$	4,122.38
ACH	HARRINGTON INDUSTRIAL PLASTICS Parts 012M3384	104.38
	HARRINGTON INDUSTRIAL PLASTICS\$	104.38
ACH	WEST VALLEY MOSQUITO AND 2/23 Vector Control Svcs 2829	1,685.20
	WEST VALLEY MOSQUITO AND \$	1,685.20
ACH	AIRGAS USA LLC RP-1 121.1 GAL PROPANE BULK 9135948488	562.39
	AIRGAS USA LLC \$	562.39
ACH	GRAINGER INC WATER PRESSURE REDUCING VALVE,30 PSI 9634350848	666.54
	GRAINGER INC \$	666.54
ACH	CHINO BASIN WATERMASTER 50% Cost Sharing-Mitigation Plan 2023-01-E	312.75
	CHINO BASIN WATERMASTER \$	312.75

Check	Payee / Description	Amount
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ACH	GENESIS CONSTRUCTION	
	EN22054.01-03/23 Rel Final Retention PE4-EN22054.0	7,360.09
		- - - - -
	GENESIS CONSTRUCTION \$	7,360.09

ACH	CAROLLO ENGINEERS	
	For Professional Services Rendered Throu FB33772	18,840.41
	IEUA RP-4 Primary Clarifier Process Reha FB34239	4,772.00
		- - - - -
	CAROLLO ENGINEERS \$	23,612.41

ACH	BUTIER ENGINEERING INC	
	2/2023 Prof Svcs IEUA 008	22,059.00
		- - - - -
	BUTIER ENGINEERING INC \$	22,059.00

ACH	WESTERN WATER WORKS SUPPLY CO	
	6 CLOW FLG SWING CHK VLV W/BRZ FACE DISC 1131812-00	4,504.81
		- - - - -
	WESTERN WATER WORKS SUPPLY CO \$	4,504.81

ACH	TRUSSELL TECHNOLOGIES INC	
	Professional Services from February 1,20 0000008976	830.00
	Professional Services from February 1,20 0000008975	9,247.50
	2/23 Prof Svcs 0000008969	3,441.25
		- - - - -
	TRUSSELL TECHNOLOGIES INC \$	13,518.75

ACH	ROBERT HALF MANAGEMENT RESOURC	
	Day,O-WE 2/24/23 61630661	2,755.00
	Mahdian,M-WE 3/3/23 61648617	2,760.00
	Chen,R-WE 3/3/23 61672825	2,106.25
	Steele,S-WE 3/3/23 61668328	3,572.80
	Day,O-WE 3/3/23 61666242	2,850.00
	Reyes,G-WE 3/3/23 61655488	3,654.00
	Olivares,J-WE 3/3/23 61656951	3,080.00
	Samore,J-WE 3/10/23 61706114	4,386.25
		- - - - -
	ROBERT HALF MANAGEMENT RESOURC\$	25,164.30

ACH	INSIDE PLANTS INC	
	FcltyMgt/Lab-3/23 Indoor Plant Care 93517	706.50
		- - - - -
	INSIDE PLANTS INC \$	706.50

ACH	UNION PACIFIC RAILROAD COMPANY	
	EN23014 Payment for Right of Entry PROJ NO 07878	5,500.00
		- - - - -
	UNION PACIFIC RAILROAD COMPANY\$	5,500.00

ACH	STANTEC CONSULTING INC	
	EN17082-1/28-2/24 Prof Svcs 2054696	3,570.15
		- - - - -
	STANTEC CONSULTING INC \$	3,570.15

ACH	NATIONAL CONSTRUCTION RENTALS	
	1st Weekly Service on Holding Tank 6920156	290.78
		- - - - -
	NATIONAL CONSTRUCTION RENTALS \$	290.78

Check	Payee / Description	Amount
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ACH	RSD		
	Parts	55381805-01	2,259.52
	HVAC Parts	55386284-00	3,714.72
			- - - - -
	RSD	\$	5,974.24

ACH	OLIN CORP		
	4,906 Sodium Hypochlorite 12.5	900253530	9,610.62
	Sodium Hypochlorite 12.5	900253247	9,602.79
	4,888 Sodium Hypochlorite 12.5	900253529	9,575.36
			- - - - -
	OLIN CORP	\$	28,788.77

ACH	CRB SECURITY SOLUTIONS		
	CAMERA SYS. FIRMWARE UPGRADE	19626	1,565.60
	3/6- On Site Service Repair - MARTIN	19617	195.70
			- - - - -
	CRB SECURITY SOLUTIONS	\$	1,761.30

ACH	JB'S POOLS & PONDS INC		
	3/23 Pond Maint Svcs	2366760300	1,194.85
			- - - - -
	JB'S POOLS & PONDS INC	\$	1,194.85

ACH	DAVID WHEELER'S PEST CONTROL I		
	RP1-3/1 Pest Control Svcs	66266	585.00
	IEUA RP2-3/1/23 Pest Control Svcs	66052	1,222.00
	ALL-2/22 Pest Control Svcs	65621	524.00
	IEUA-2/22/23 Pest Control Svcs	65596	524.00
	CCWRF-3/1 Pest Control Svcs	66081	634.00
	IEUA RP5/ADMIN-3/7/23 Pest Control Svcs	66293	738.00
	IEUA RP5/ADMIN-3/1/23 Pest Control Svcs	66257	928.00
	IEUA RP5-3/1/23 Pest Control Svcs	66359	340.00
	RP5/ADMIN-2/17/23 Pest Control Svcs	65962	345.00
	RP5-3/6 Pest Control Svcs	65963	345.00
			- - - - -
	DAVID WHEELER'S PEST CONTROL I\$		6,185.00

ACH	GHD INC		
	EN17042-1/29-2/25 Prof Svcs	380-0028958	4,148.10
	EN19024-12/18-2/25 Prof Svcs	380-0028851	2,045.85
	EN24020-10/30-1/31 Prof Svcs	380-0028900	2,390.27
			- - - - -
	GHD INC	\$	8,584.22

ACH	CALIFORNIA WATER TECHNOLOGIES		
	Phills-41,400 lbs Ferric Chloride Soluti	43618	8,167.17
	RP2-40,580Lbs Ferric Chloride Solution	43615	8,024.78
			- - - - -
	CALIFORNIA WATER TECHNOLOGIES \$		16,191.95

ACH	WALLACE & ASSOCIATES CONSULTIN		
	5/30/22-6/30/22 Prof Svcs	W800481	31,584.00
	Prof. Svcs 10/03/22-10/30/22	W800835	38,705.00
			- - - - -
	WALLACE & ASSOCIATES CONSULTIN\$		70,289.00

ACH	AMERICAN OFFICE PROFESSIONALS		
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Check	Payee / Description	Amount
	Service Call HP CP4025 3531	89.95
	AMERICAN OFFICE PROFESSIONALS \$	89.95
ACH	PRO-CRAFT CONSTRUCTION INC	
	New Potable Water Connection 23003-3	3,943.33
	EN23043-New Portable Water Connection 23003-2	3,242.00
	PRO-CRAFT CONSTRUCTION INC \$	7,185.33
ACH	KEARNS & WEST	
	1/1-1/31 Prof Svcs 022424	6,086.25
	KEARNS & WEST \$	6,086.25
ACH	LONE STAR BLOWER INC	
	Labor Inspection for Root-Cause Analysis PS-INV105535	1,955.00
	LONE STAR BLOWER INC \$	1,955.00
ACH	THE SOLIS GROUP	
	RW15003.06 2/1/23-2/28/23 Prof Svcs 10283	2,967.00
	THE SOLIS GROUP \$	2,967.00
ACH	LA OPINION	
	January 2023 Ads 107290123	3,037.50
	February 2023 Ads 107290223	632.50
	LA OPINION \$	3,670.00
ACH	CAPO PROJECTS GROUP LLC	
	RW15003.06-1/23 Prof Svcs 6615	501.00
	CAPO PROJECTS GROUP LLC \$	501.00
ACH	HYAS GROUP LLC	
	FinAdm-1Q23 Investment Consulting Servic 5574	7,500.00
	HYAS GROUP LLC \$	7,500.00
ACH	LIBERTY LANDSCAPING INC	
	March Monthly Maintenance 115169	19,088.00
	RP2 Tree Trimming 115360	2,696.00
	LIBERTY LANDSCAPING INC \$	21,784.00
ACH	RADAR ENVIRONMENTAL INC	
	February 2023 Monthly Site Survey and Se 1975	3,601.48
	RADAR ENVIRONMENTAL INC \$	3,601.48
ACH	CASAMAR GROUP LLC	
	EN19001/EN19006-2/23 Prof Svcs 13388	16,754.87
	CASAMAR GROUP LLC \$	16,754.87
ACH	SOCIAL AND ENVIRONMENTAL	
	2022/2023 Membership, Research Support 0000109	10,000.00

Check Payee / Description	Amount
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SOCIAL AND ENVIRONMENTAL	\$	10,000.00
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ACH	CCS LEARNING ACADEMY		
	Workshop on Resume and cover letter as o 132971		1,300.00

	CCS LEARNING ACADEMY	\$	1,300.00

ACH	DEMARIA ELECTRIC MOTOR SERVICE		
	Recondition Motor Svcs	23599	23,209.29

	DEMARIA ELECTRIC MOTOR SERVICES		23,209.29

ACH	SO CALIF EDISON		
	RP4/TP4/RCA-2/6-3/6 12811 6th St	8000036690 2/	216,325.02
	RP4/TP4/RCA-2/6-3/6 Loan Install#69 2/8	8000036690 2/	2,483.47
	RP4/TP4/RCA-1/6-2/5 12811 6th St	8000036690 1/	232,861.38

	SO CALIF EDISON	\$	451,669.87

ACH	SOLAR STAR CALIFORNIA V LLC		
	RP1-2/1-2/28 2450 Phila St	E02-M0615-644	14,448.21
	RP5/TP5/HQA/B-2/1-2/28 6075 Kimball Ave	E02-M0614-644	12,114.25

	SOLAR STAR CALIFORNIA V LLC	\$	26,562.46

ACH	CAMPBELL, CONNIE		
	Reim-12/3 Desk Supplies	DESK SUPPLIES	54.00

	CAMPBELL, CONNIE	\$	54.00

ACH	MUNOZ, MARIE LIZA		
	Munoz, L-ExpRpt-11/29-12/1 ACWA Conf	11/29-12/1 AC	592.83

	MUNOZ, MARIE LIZA	\$	592.83

ACH	ELIE, STEVE		
	Elie, S-ExpRpt-Sacramento Trip 3/23	3/14 SACRAMEN	766.26

	ELIE, STEVE	\$	766.26

ACH	VALDEZ, RUBEN		
	Reim-Meeting	MEETING	19.98

	VALDEZ, RUBEN	\$	19.98

ACH	PAUL LY		
	Reim-10/14 Safety Shoes	10/14 REIM-SH	204.71

	PAUL LY	\$	204.71

ACH	Inland Empire Reg. Composting		
	Biosolids (RP1) 02/01/23-02/28/23	90033881	192,427.32
	Biosolids (RP2) 02/01/23-02/28/23	90033882	139,408.74
	January 2023 O&M Charges-RCA Interco Bil	SAP0123-IEUAO	2,400.00

	Inland Empire Reg. Composting	\$	334,236.06

ACH	AQUA BEN CORPORATION
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Check	Payee / Description	Amount
	RP1- 4,600Lbs Hydrofloc 748E 45821	7,236.49
	RP1- 27,600Lbs Hydrofloc 750A 45822	45,500.67
	AQUA BEN CORPORATION \$	52,737.16
ACH	FISHER SCIENTIFIC	
	Org Carbon Standard 0957020	128.21
	CALCIUM CARBONATE, STEARIC ACID, NITROGE 1161543	1,218.34
	FISHER SCIENTIFIC \$	1,346.55
ACH	ROYAL INDUSTRIAL SOLUTIONS	
	Parts 6441-1084576	20.22
	ROYAL INDUSTRIAL SOLUTIONS \$	20.22
ACH	UNIVAR SOLUTIONS USA INC	
	11,810 SOD BISULFITE 25% BULK TECH 51004110	8,036.02
	11,855 SOD BISULFITE 25% BULK TECH 51004109	7,930.54
	12,520 SOD BISULFITE 25% BULK TECH LEO 51004112	8,519.12
	PradoLS-11,925 Lbs Sodium Bisulfite 51004108	8,114.26
	UNIVAR SOLUTIONS USA INC \$	32,599.94
ACH	WAXIE SANITARY SUPPLY	
	ENMOTION AUTOMATED 81361490	53.92
	WAXIE SANITARY SUPPLY \$	53.92
ACH	AIRGAS USA LLC	
	IEUA Lab-4 CL Nitrogen 9135958301	113.18
	HELIUM UPH200, NITROGEN UPH300, OXYGEN 2 9135771132	453.13
	LAB-1 CL Nitrogen, 2 CL Oxygen 9135134950	53.21
	LAB-2/28 Cylinder Rental 9995525348	80.64
	AIRGAS USA LLC \$	700.16
ACH	GRAINGER INC	
	PLUGS, UNCORDED, POD, 30DB, PK100 9626008057	430.43
	GRAINGER INC \$	430.43
ACH	AQUATIC BIOSYSTEMS	
	WQLab-YTC Dphnd Fd Mxtr 146217	99.00
	AQUATIC BIOSYSTEMS \$	99.00
ACH	CDM SMITH INC	
	4600003019-2/5-3/4 Prof Svcs 90173674	24,425.00
	CDM SMITH INC \$	24,425.00
ACH	DELL MARKETING L P	
	Dell NASPO Computer Equipment PA - Calif 10656812182	53,852.26
	DELL MARKETING L P \$	53,852.26
ACH	CEM CORPORATION	
	RP1-PM Svc Visit 710657	15,586.70

Check Payee / Description	Amount
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CEM CORPORATION	\$	15,586.70
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ACH	CAROLLO ENGINEERS		
	EN11039-2/23 Prof Svcs	FB34046	27,832.00

CAROLLO ENGINEERS	\$	27,832.00
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ACH	RED WING SHOE STORE		
	Emp Safety Shoe Purchase(s)	2023031802355	223.03

RED WING SHOE STORE	\$	223.03
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ACH	TOM DODSON & ASSOCIATES		
	4600002931 2/3/23-2/7/23 Prof Svcs	1E349 23-2	900.00
	RP1- EN11039 Disinfection Pump Improveme	1E-361-7	3,889.04

TOM DODSON & ASSOCIATES	\$	4,789.04
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ACH	OLSON REMCHO LLP		
	1/23 Lobbyist Report	733466	852.00

OLSON REMCHO LLP	\$	852.00
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ACH	WESTERN WATER WORKS SUPPLY CO		
	U-Bolts	1130566-00	588.10
	Valves, Tablets	1130342-00	2,800.64
	Gaskets, Flanges	1130311-00	888.40

WESTERN WATER WORKS SUPPLY CO	\$	4,277.14
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ACH	HACH COMPANY		
	Parts	13498660	1,525.74

HACH COMPANY	\$	1,525.74
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ACH	INLAND EMPIRE MAGAZINE		
	ExtAff-Ad Placement March 2023 Issue	INV51100	750.00

INLAND EMPIRE MAGAZINE	\$	750.00
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ACH	KVAC ENVIRONMENTAL SERVICES IN		
	RP-1-Scrubber Media Clean Up	KV2302295	6,876.25

KVAC ENVIRONMENTAL SERVICES IN	\$	6,876.25
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ACH	CS-AMSCO		
	Valve DeZURIK 6" Flanged (Not Gear Oper)	18490	6,769.63

CS-AMSCO	\$	6,769.63
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ACH	RSD		
	PLEATED FILTER	55386008-00	701.32

RSD	\$	701.32
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ACH	PEST OPTIONS INC		
	February 2023 Weed Control	418349	10,237.61

Check	Payee / Description	Amount
	PEST OPTIONS INC \$	10,237.61
ACH	OLIN CORP	
	4,904 Sodium Hypochlorite 12.5 900255032	9,606.71
	4,918 Sodium Hypochlorite 12.5 900255033	9,634.13
	4,914 Sodium Hypochlorite 12.5 900254704	9,626.29
	3,012 Sodium Hypochlorite 12.5 900254400	6,201.57
	RP1- 4,904 SDG Sodium Hypochlorite 900253976	9,606.71
	OLIN CORP \$	44,675.41
ACH	CALIFORNIA STRATEGIES LLC	
	3/23 Prof Svcs 032325	7,500.00
	CALIFORNIA STRATEGIES LLC \$	7,500.00
ACH	ALTA FOODCRAFT	
	WIDE BASE COFFEE FILTERS (50) 12302776	11.19
	WIDE BASE COFFEE FILTERS (50) 12302777	3.41
	RP5-Coffee,Tea 12303480	148.37
	Coffee 12303479	139.74
	ALTA FOODCRAFT \$	302.71
ACH	DAVID WHEELER'S PEST CONTROL I	
	RP5/ADMIN-2/17/23 Pest Control Svcs 66253	632.00
	CCWRF-3/1/23 Pest Control Svcs 66297	1,032.00
	DAVID WHEELER'S PEST CONTROL IS	1,664.00
ACH	GHD INC	
	EN19025-1/22-2/25 Prof Svcs 380-0028533	4,523.50
	EN23002-1/29-2/25 Prof Svcs 380-0028541	280.30
	GHD INC \$	4,803.80
ACH	ELECTRO-CHEMICAL DEVICES INC	
	FC80 SENSOR 0 - 5 ppm 75330	9,496.56
	ELECTRO-CHEMICAL DEVICES INC \$	9,496.56
ACH	ENVIRONMENTAL SCIENCE ASSOCIAT	
	D202000275.11-1/23 Prof Svcs 182422	255.00
	D202000275.12-1/23 Prof Svcs 182423	400.00
	ENVIRONMENTAL SCIENCE ASSOCIATS	655.00
ACH	CALIFORNIA WATER TECHNOLOGIES	
	RP1-44,480Lbs Ferric Chloride Solution 43630	8,689.79
	16,703 Ferric Chloride Solution DWG Bulk 43628	7,978.67
	CALIFORNIA WATER TECHNOLOGIES \$	16,668.46
ACH	SUPERIOR ELECTRIC MOTOR SERVIC	
	WEG Variable Frequency Driver 130354	18,388.76
	SUPERIOR ELECTRIC MOTOR SERVIC\$	18,388.76
ACH	MWH CONSTRUCTORS INC	

Check	Payee / Description	Amount
	460002851-1/23 Prof Svcs 23-30505777.1	17,611.25
	MWH CONSTRUCTORS INC \$	17,611.25
ACH	BUCKNAM INFRASTRUCTURE GROUP I	
	PA22003-11/22 Prof Svcs 358-07.01R	8,576.08
	TO#8-2/23 Prof Svcs 358-08.04	1,065.00
	BUCKNAM INFRASTRUCTURE GROUP IS	9,641.08
ACH	AMTEC	
	Z Bratton 03/06-03/12 74127	1,200.00
	AMTEC \$	1,200.00
ACH	STAPLES CONTRACT & COMMERCIAL	
	Office Supplies 3533328230	357.43
	STAPLES CONTRACT & COMMERCIAL \$	357.43
ACH	ADAM'S FALCONRY SERVICE LLC	
	3/2023 Bird Control Services 17656	1,820.00
	ADAM'S FALCONRY SERVICE LLC \$	1,820.00
ACH	THE GATE GUY	
	Service Call 528	130.00
	THE GATE GUY \$	130.00
ACH	JO-KELL INC	
	VFD Technical Qnsite Troubleshooting 37726847	2,416.00
	Parts replacement 37736162	13,993.18
	JO-KELL INC \$	16,409.18
ACH	SO CALIF EDISON	
	1630EPmpStn-2/15-3/16 7420 1/2 East 8000414223 3/	18,562.91
	RP2MntLnchRm-2/15-3/16 16400 El Prado Rd 8001015118 3/	4,576.80
	MntclSplltBx-2/15-3/16 11294 Roswell Ave 8000629815 3/	21.35
	SBLfStn-2/14-3/15 13707 San Bernardino A 8003058251 3/	2,530.51
	SO CALIF EDISON \$	25,691.57
ACH	SOLAR STAR CALIFORNIA V LLC	
	CCWRP/TP/RWPS-2/1-2/28 14950 Telephone A E02-M0613-644	4,030.31
	SOLAR STAR CALIFORNIA V LLC \$	4,030.31
ACH	MENDEZ, JOSE	
	Mendez,J-ExpRpt-8/7-8/12 Seminar 8/7-8/12 SEMI	404.80
	MENDEZ, JOSE \$	404.80
ACH	HALL, JASMIN	
	Business Purpose: Urban Water Institute 1256	356.71
	HALL, JASMIN \$	356.71

Check	Payee / Description	Amount
ACH	WONG, RAELEN Wong, R-ExpRpt-3/15 Mileage Reim 3/15 2023 LCW	145.41
	WONG, RAELEN \$	145.41
ACH	AQUA BEN CORPORATION RP1- 27,600Lbs Hydrofloc 750A 45850	45,500.67
	RP1- 27,600Lbs Hydrofloc 748E 45849	7,236.49
	AQUA BEN CORPORATION \$	52,737.16
ACH	FISHER SCIENTIFIC SYR 1ML 1MDF-GT 1359107	142.87
	Chlorine Secondary Standards 1074317	137.50
	FISHER SCIENTIFIC \$	280.37
ACH	ROYAL INDUSTRIAL SOLUTIONS Fluorescent Lamps 6441-1084722	1,448.16
	Parts 6441-1084571	1,504.19
	ROYAL INDUSTRIAL SOLUTIONS \$	2,952.35
ACH	UNIVAR SOLUTIONS USA INC 12,095 SOD BISULFITE 25% BULK TECH LIQ 51011242	8,229.93
	UNIVAR SOLUTIONS USA INC \$	8,229.93
ACH	WAXIE SANITARY SUPPLY Supplies 81583680	1,276.85
	WAXIE SANITARY SUPPLY \$	1,276.85
ACH	AIRGAS USA LLC RP1-152.70 Gals Propane 9136227337	709.15
	AIRGAS USA LLC \$	709.15
ACH	GENESIS CONSTRUCTION EN22041-2/23 Pay Est 1 PE 1-EN22041	43,225.00
	GENESIS CONSTRUCTION \$	43,225.00
ACH	CAROLLO ENGINEERS RW15003 & RW15004- 2/28/2023 FB33753	9,407.00
	4600003017-2/23 Prof Svcs FB34236	7,686.50
	EN20057 RP-4 Process Improvements Phase FB34459	58,803.25
	CAROLLO ENGINEERS \$	75,896.75
ACH	NRD, LLC Lab-2 Wipe Tests for Radioactivity 2023 WIPE TES	100.00
	NRD, LLC \$	100.00
ACH	TOM DODSON & ASSOCIATES 4600002931 SE Montclair Force Main Impro 1E-370-1	700.00
	4600002931 CE for RP-1 Filter Effluent S 1E-371-1	950.00
	460000293 CEQA Support, CBP Exploratory 1E353 23-2	2,655.00

Check Payee / Description	Amount
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	\$	4,305.00
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ACH	CASC ENGINEERING AND CONSULTIN		
	RW15004.00-10/22 Prof Svcs	0047600	3,221.17
			-
	CASC ENGINEERING AND CONSULTINS		3,221.17

ACH	HACH COMPANY		
	DPD TOT CHLORINE PP 25ML PK/1000	13500716	961.17
			-
	HACH COMPANY	\$	961.17

ACH	GOLDEN STATE LABOR COMPLIANCE		
	RMPU Lower Day Basin Improvements	05.2021.14	922.61
	RMPU Lower Day Basin Improvements	11.2020.33	2,876.36
	RMPU Lower Day Basin Improvements	01.2021.24	922.61
	RMPU Lower Day Basin Improvements	12.2020.27	922.61
	RMPU Lower Day Basin Improvements	03.2021.21	922.61
	RMPU Lower Day Basin Improvements	04.2021.16	922.16
			-
	GOLDEN STATE LABOR COMPLIANCE \$		7,488.96

ACH	O S T S INC		
	CPR/FA/AED & BBP w/ Oxygen	59501	2,800.00
			-
	O S T S INC	\$	2,800.00

ACH	ROBERT HALF MANAGEMENT RESOURC		
	Day, O-WE 3/10/23	61693195	3,800.00
	Reyes, G-WE 3/10/23	61702236	1,827.00
	Olivares, J-WE 3/10/23	61693163	3,080.00
	Steele, S-WE 3/10/23	61693123	3,572.80
			-
	ROBERT HALF MANAGEMENT RESOURC\$		12,279.80

ACH	SHI INTERNATIONAL CORP		
	Office 365 Project Plan 3	B16624288	7,993.80
	Office 365 Project Plan2	B16613690	4,459.27
			-
	SHI INTERNATIONAL CORP	\$	12,453.07

ACH	SWRCB ACCOUNTING OFFICE		
	*SRF Rpymt #14 C-06-4900-120-Principle	4900-120-23-1	312,621.14
	*SRF Rpymt #14 C-06-4900-130-Principle	4900-150-23-1	61,996.43
	*SRF Rpymt #14 C-06-4900-110-Principle	4900-110-23-1	170,797.15
			-
	SWRCB ACCOUNTING OFFICE	\$	545,414.72

ACH	W M LYLES COMPANY		
	EN19001/6-2/23 Pay Est 28	PE 28-EN19001	5,916,686.38
			-
	W M LYLES COMPANY	\$	5,916,686.38

ACH	STANTEC CONSULTING INC		
	EN1082 Prof. Svcs 12/05- 12/20	2031736A	1,130.00
	EN17006 CCWRF 12kv Backup Generator Cont	2057953	3,656.25
			-
	STANTEC CONSULTING INC	\$	4,786.25

Check Payee / Description	Amount
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ACH	NATIONAL CONSTRUCTION RENTALS		
	03/17/23 - 04/13/23	6928428	572.70
			-
	NATIONAL CONSTRUCTION RENTALS	\$	572.70

ACH	RSD		
	Parts	55384510-00	262.36
			-
	RSD	\$	262.36

ACH	GCI CONSTRUCTION INC		
	EN21057-2/23 Pay Est 4	PE 4-EN21057	50,044.08
			-
	GCI CONSTRUCTION INC	\$	50,044.08

ACH	GEI CONSULTANTS INC		
	PL19005-1/28-2/24 Prof Svcs	3127861	90,743.00
			-
	GEI CONSULTANTS INC	\$	90,743.00

ACH	OLIN CORP		
	49080 Sodium Hypochlorite 12.5	900256382	9,610.62
	4852 Sodium Hypochlorite 12.5	900255912	9,504.84
	4,868 Sodium Hypochlorite 12.5	900255913	9,536.18
	Sodium Hypochlorite 12.5	900255911	9,504.84
	4,938 Sodium Hypochlorite 12.5	900256778	9,673.31
			-
	OLIN CORP	\$	47,829.79

ACH	PFM ASSET MANAGEMENT LLC		
	2/1-2/28 Investment Portfolio	13630376	6,826.10
			-
	PFM ASSET MANAGEMENT LLC	\$	6,826.10

ACH	BIG SKY ELECTRIC INC		
	EN22034-2/23 Pay Est 1	PE 1-EN22034	71,001.58
			-
	BIG SKY ELECTRIC INC	\$	71,001.58

ACH	GHD INC		
	12583325 - IEUA SHF RFP Development and	380-0025180	5,709.00
			-
	GHD INC	\$	5,709.00

ACH	EUROFINS EATON ANALYTICAL LLC		
	3/7 Water Sample Analysis	3800019280	200.00
			-
	EUROFINS EATON ANALYTICAL LLC	\$	200.00

ACH	FRONTIER TECHNOLOGY, LLC		
	Cisco SFP	2253203	56,538.06
			-
	FRONTIER TECHNOLOGY, LLC	\$	56,538.06

ACH	MNR CONSTRUCTION INC		
	RW15003.06-2/23 Pay Est 18	PE 18-RW15003	697,430.01
			-
	MNR CONSTRUCTION INC	\$	697,430.01

Check Payee / Description	Amount
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ACH	CALIFORNIA WATER TECHNOLOGIES		
	Phills-45,580 Lbs Ferric Chloride Soluti 43657		8,882.93
			-
	CALIFORNIA WATER TECHNOLOGIES \$		8,882.93
ACH	SUPERIOR ELECTRIC MOTOR SERVIC		
	New Baldor Motor	131083	931.95
			-
	SUPERIOR ELECTRIC MOTOR SERVICES		931.95
ACH	JC LAW FIRM		
	2/23 General Legal	1232	29,620.00
	2/23 RCA Legal	1225	1,507.50
	2/23 San Bernardino Transit Authority v	1231	935.00
	2/23 Ontario vs IEUA (CBP)	1229	21,902.50
	2/23 Ortiz vs. IEUA	1230	1,880.00
	2/23 Fontana vs. ADO	1224	790.00
	2/23 Kaiser Vs CBWCD (Ely Basin)	1228	3,554.50
	2/23 Watermaster	1227	10,355.00
	2/23 Regional Contract	1226	4,235.00
			-
	JC LAW FIRM	\$	74,779.50
ACH	SHAW HR CONSULTING INC		
	Professional Services 2/24/2023-3/17/202 007587		160.00
			-
	SHAW HR CONSULTING INC	\$	160.00
ACH	KEARNS & WEST		
	2/1-2/28 Prof Svcs	022781	280.00
			-
	KEARNS & WEST	\$	280.00
ACH	BEST CONTRACTING SERVICES INC		
	FM21005.01-2/23 Pay Est 7	PE 7-FM21005.	77,202.08
			-
	BEST CONTRACTING SERVICES INC	\$	77,202.08
ACH	EHS INTERNATIONAL INC		
	3/20 Electrical Safety Awareness Trainin 3-19526		3,300.00
			-
	EHS INTERNATIONAL INC	\$	3,300.00
ACH	WATER SYSTEMS CONSULTING INC		
	Water Resource Program Feb 2023	7696	8,421.25
			-
	WATER SYSTEMS CONSULTING INC	\$	8,421.25
ACH	AMTEC		
	Bratton, Z-WE 3/19/23	74213	1,200.00
			-
	AMTEC	\$	1,200.00
ACH	INLAND EMPIRE WINDUSTRIAL CO		
	RP1- parts	045645-01	1,534.91
			-
	INLAND EMPIRE WINDUSTRIAL CO	\$	1,534.91

Check	Payee / Description	Amount
ACH	LIBERTY LANDSCAPING INC RP4 Repair Main Line 115437	615.44
	LIBERTY LANDSCAPING INC \$	615.44
ACH	CONSTRUCTION TESTING AND RW15003.06-2/23 Soil Technician 00690510	4,500.00
	CONSTRUCTION TESTING AND \$	4,500.00
ACH	INNOVATIVE CONSTRUCTION SOLUTI EN11039-2/23 Pay Est 8 PE 8-EN11039	157,766.80
	INNOVATIVE CONSTRUCTION SOLUTIS	157,766.80
ACH	METRO BUILDERS & ENGINEERS GRP RW15003.05-2/23 Pay Est 17 PE 17-RW15003	100,543.21
	METRO BUILDERS & ENGINEERS GRPS	100,543.21
ACH	INFINITE CONTROL SYSTEMS INC March 2023 Monthly Maintenance 5377	2,960.00
	INFINITE CONTROL SYSTEMS INC \$	2,960.00
ACH	ECONOMIC ALTERNATIVES INC RP1-3/23 Monthly Water Treatment Svc 99719	883.33
	ECONOMIC ALTERNATIVES INC \$	883.33
ACH	DIVERSIFIED THERMAL SERVICES I Maintenance Contract Plant 5 February 20 S36109	2,541.00
	2/23 Lab Maint Contract Svcs S36138	2,541.00
	Pump Repair S36679	365.00
	RP1-2/23 Main Contract Svcs S36002	2,541.00
	Maintenance Contract IEUA HQ February 20 S36137	2,541.00
	DIVERSIFIED THERMAL SERVICES IS	10,529.00
ACH	SO CALIF EDISON VctrBsn-2/16-3/19 13650 Victoria St 8004604345 3/	11.61
	SO CALIF EDISON \$	11.61
ACH	FOUNDATION HA ENERGY GENERATIO RP4/RWPS-2/1-2/28 2811 6th St-Wind Power 3624	7,782.50
	FOUNDATION HA ENERGY GENERATIO\$	7,782.50
ACH	IEUA EMPLOYEES' ASSOCIATION P/R 06 03/24/23 HR 0113200	177.00
	IEUA EMPLOYEES' ASSOCIATION \$	177.00
ACH	IEUA SUPERVISORS UNION ASSOCIA HR 0113200	315.00
	IEUA SUPERVISORS UNION ASSOCIAS	315.00

Check	Payee / Description	Amount
ACH	IEUA GENERAL EMPLOYEES ASSOCIA	
	HR 0113200	944.10
	IEUA GENERAL EMPLOYEES ASSOCIAS	944.10
ACH	INLAND EMPIRE UNITED WAY	
	P/R 06 03/24/23	
	HR 0113200	21.00
	INLAND EMPIRE UNITED WAY	21.00
ACH	IEUA PROFESSIONAL EMPLOYEES AS	
	P/R 06 03/24/23	
	HR 0113200	636.00
	IEUA PROFESSIONAL EMPLOYEES ASS	636.00
ACH	WEX HEALTH INC	
	P/R 06 3/24/23 Cafeteria Plan	
	HR 0113200	4,896.10
	WEX HEALTH INC	4,896.10
ACH	CITY EMPLOYEES ASSOCIATES	
	HR 0113200	331.50
	CITY EMPLOYEES ASSOCIATES	331.50
ACH	ELIE, STEVE	
	MlgReim-2/9 Meetings-Elie,S	
	MLG 2/9	82.27
	ELIE, STEVE	82.27
ACH	HALL, JASMIN	
	MlgReim-2/22 Meetings-Hall,J	
	MLG 2/22	16.57
	HALL, JASMIN	16.57
ACH	SIANPOUR, SIAMAK	
	MlgReim-3/16 Call Out-Sianpour,S	
	MLG 3/16	20.31
	SIANPOUR, SIAMAK	20.31
ACH	BREIG, ANNA	
	Reim Monthly Health Prem	
	HEALTH PREM	132.25
	BREIG, ANNA	132.25
ACH	LICHTI, ALICE	
	Reim Monthly Health Prem	
	HEALTH PREM	132.25
	LICHTI, ALICE	132.25
ACH	NOWAK, THEO T	
	Reim Monthly Health Prem	
	HEALTH PREM	397.06
	NOWAK, THEO T	397.06
ACH	DYKSTRA, BETTY	
	Reim Monthly Health Prem	
	HEALTH PREM	132.25
	DYKSTRA, BETTY	132.25

Check	Payee / Description	Amount
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ACH	MUELLER, CAROLYN Reim Monthly Health Prem	HEALTH PREM	132.25
	MUELLER, CAROLYN	\$	132.25
ACH	CANADA, ANGELA Reim Monthly Health Prem	HEALTH PREM	132.25
	CANADA, ANGELA	\$	132.25
ACH	CUPERSMITH, LEIZAR Reim Monthly Health Prem	HEALTH PREM	132.25
	CUPERSMITH, LEIZAR	\$	132.25
ACH	DELGADO-ORAMAS JR, JOSE Reim Monthly Health Prem	HEALTH PREM	283.25
	DELGADO-ORAMAS JR, JOSE	\$	283.25
ACH	GRANGER, BRANDON Reim Monthly Health Prem	HEALTH PREM	137.02
	GRANGER, BRANDON	\$	137.02
ACH	WEBB, DANNY C Reim Monthly Health Prem	HEALTH PREM	151.00
	WEBB, DANNY C	\$	151.00
ACH	HUMPHREYS, DEBORAH E Reim Monthly Health Prem	HEALTH PREM	141.63
	HUMPHREYS, DEBORAH E	\$	141.63
ACH	MOUAT, FREDERICK W Reim Monthly Health Prem	HEALTH PREM	141.63
	MOUAT, FREDERICK W	\$	141.63
ACH	MORGAN, GARTH W Reim Monthly Health Prem	HEALTH PREM	151.00
	MORGAN, GARTH W	\$	151.00
ACH	MAZUR, JOHN Reim Monthly Health Prem	HEALTH PREM	518.95
	MAZUR, JOHN	\$	518.95
ACH	HAMILTON, MARIA Reim Monthly Health Prem	HEALTH PREM	151.00
	HAMILTON, MARIA	\$	151.00
ACH	FISHER, JAY Reim Monthly Health Prem	HEALTH PREM	151.00

Check		Payee / Description	Amount
		FISHER, JAY	\$ 151.00
ACH	DIETZ, JUDY	Reim Monthly Health Prem	HEALTH PREM 151.00
		DIETZ, JUDY	\$ 151.00
ACH	PETERSEN, KENNETH	Reim Monthly Health Prem	HEALTH PREM 132.25
		PETERSEN, KENNETH	\$ 132.25
ACH	TRAUTERMAN, HELEN	Reim Monthly Health Prem	HEALTH PREM 132.25
		TRAUTERMAN, HELEN	\$ 132.25
ACH	TIEGS, KATHLEEN	Reim Monthly Health Prem	HEALTH PREM 415.50
		TIEGS, KATHLEEN	\$ 415.50
ACH	DIGGS, GEORGE	Reim Monthly Health Prem	HEALTH PREM 406.28
		DIGGS, GEORGE	\$ 406.28
ACH	RODRIGUEZ, LOUIS	Reim Monthly Health Prem	HEALTH PREM 141.63
		RODRIGUEZ, LOUIS	\$ 141.63
ACH	VARBEL, VAN	Reim Monthly Health Prem	HEALTH PREM 283.25
		VARBEL, VAN	\$ 283.25
ACH	CLIFTON, NEIL	Reim Monthly Health Prem	HEALTH PREM 283.25
		CLIFTON, NEIL	\$ 283.25
ACH	WELLMAN, JOHN THOMAS	Reim Monthly Health Prem	HEALTH PREM 283.25
		WELLMAN, JOHN THOMAS	\$ 283.25
ACH	TROXEL, WYATT	Reim Monthly Health Prem	HEALTH PREM 132.25
		TROXEL, WYATT	\$ 132.25
ACH	CORLEY, WILLIAM	Reim Monthly Health Prem	HEALTH PREM 283.25
		CORLEY, WILLIAM	\$ 283.25
ACH	LESNIAKOWSKI, NORBERT	Reim Monthly Health Prem	HEALTH PREM 123.03

Check		Payee / Description	Amount
		LESNIAKOWSKI, NORBERT	\$ 123.03
ACH	VER STEEG, ALLEN J	Reim Monthly Health Prem	HEALTH PREM 137.02
	VER STEEG, ALLEN J		\$ 137.02
ACH	HACKNEY, GARY	Reim Monthly Health Prem	HEALTH PREM 283.25
	HACKNEY, GARY		\$ 283.25
ACH	TOL, HAROLD	Reim Monthly Health Prem	HEALTH PREM 132.25
	TOL, HAROLD		\$ 132.25
ACH	BANKSTON, GARY	Reim Monthly Health Prem	HEALTH PREM 132.25
	BANKSTON, GARY		\$ 132.25
ACH	ATWATER, RICHARD	Reim Monthly Health Prem	HEALTH PREM 151.00
	ATWATER, RICHARD		\$ 151.00
ACH	ANDERSON, JOHN L	Reim Monthly Health Prem	HEALTH PREM 415.50
	ANDERSON, JOHN L		\$ 415.50
ACH	SANTA CRUZ, JACQUELYN	Reim Monthly Health Prem	HEALTH PREM 745.34
	SANTA CRUZ, JACQUELYN		\$ 745.34
ACH	SOPICKI, LEO	Reim Monthly Health Prem	HEALTH PREM 274.03
	SOPICKI, LEO		\$ 274.03
ACH	GOSE, ROSEMARY	Reim Monthly Health Prem	HEALTH PREM 151.00
	GOSE, ROSEMARY		\$ 151.00
ACH	KEHL, BARRETT	Reim Monthly Health Prem	HEALTH PREM 151.00
	KEHL, BARRETT		\$ 151.00
ACH	RITCHIE, JANN	Reim Monthly Health Prem	HEALTH PREM 151.00
	RITCHIE, JANN		\$ 151.00
ACH	LONG, ROCKWELL DEE		

Check	Payee / Description	Amount
	Reim Monthly Health Prem HEALTH PREM	367.95
	LONG, ROCKWELL DEE \$	367.95
ACH	FATTAHI, MIR Reim Monthly Health Prem HEALTH PREM	151.00
	FATTAHI, MIR \$	151.00
ACH	VERGARA, FLORENTINO Reim Monthly Health Prem HEALTH PREM	283.25
	VERGARA, FLORENTINO \$	283.25
ACH	WALL, DAVID Reim Monthly Health Prem HEALTH PREM	141.63
	WALL, DAVID \$	141.63
ACH	CHUNG, MICHAEL Reim Monthly Health Prem HEALTH PREM	141.63
	CHUNG, MICHAEL \$	141.63
ACH	BLASINGAME, MARY Reim Monthly Health Prem HEALTH PREM	132.25
	BLASINGAME, MARY \$	132.25
ACH	ANDERSON, KENNETH Reim Monthly Health Prem HEALTH PREM	141.63
	ANDERSON, KENNETH \$	141.63
ACH	POLACEK, KEVIN Reim Monthly Health Prem HEALTH PREM	518.95
	POLACEK, KEVIN \$	518.95
ACH	ELROD, SONDR Reim Monthly Health Prem HEALTH PREM	141.63
	ELROD, SONDR \$	141.63
ACH	HOAK, JAMES Reim Monthly Health Prem HEALTH PREM	151.00
	HOAK, JAMES \$	151.00
ACH	CLEVELAND, JAMES Reim Monthly Health Prem HEALTH PREM	151.00
	CLEVELAND, JAMES \$	151.00
ACH	HOOSHMAND, RAY Reim Monthly Health Prem HEALTH PREM	151.00
	HOOSHMAND, RAY \$	151.00

Check		Payee / Description	Amount
ACH	POOLE, PHILLIP	Reim Monthly Health Prem	HEALTH PREM
			226.32
	POOLE, PHILLIP		\$ 226.32
ACH	ADAMS, BARBARA	Reim Monthly Health Prem	HEALTH PREM
			137.02
	ADAMS, BARBARA		\$ 137.02
ACH	VANDERPOOL, LARRY	Reim Monthly Health Prem	HEALTH PREM
			123.03
	VANDERPOOL, LARRY		\$ 123.03
ACH	AMBROSE, JEFFREY	Reim Monthly Health Prem	HEALTH PREM
			283.25
	AMBROSE, JEFFREY		\$ 283.25
ACH	MERRILL, DIANE	Reim Monthly Health Prem	HEALTH PREM
			577.72
	MERRILL, DIANE		\$ 577.72
ACH	HOUSER, RODERICK A	Reim Monthly Health Prem	HEALTH PREM
			714.73
	HOUSER, RODERICK A		\$ 714.73
ACH	RUSSO, VICKI	Reim Monthly Health Prem	HEALTH PREM
			226.32
	RUSSO, VICKI		\$ 226.32
ACH	HUSS, KERRY	Reim Monthly Health Prem	HEALTH PREM
			1,004.43
	HUSS, KERRY		\$ 1,004.43
ACH	BINGHAM, GREGG	Reim Monthly Health Prem	HEALTH PREM
			132.25
	BINGHAM, GREGG		\$ 132.25
ACH	CHARLES, DAVID	Reim Monthly Health Prem	HEALTH PREM
			151.00
	CHARLES, DAVID		\$ 151.00
ACH	ALVARADO, ROSEMARY	Reim Monthly Health Prem	HEALTH PREM
			132.25
	ALVARADO, ROSEMARY		\$ 132.25
ACH	BARELA, GEORGE	Reim Monthly Health Prem	HEALTH PREM
			151.00
	BARELA, GEORGE		\$ 151.00

Check	Payee / Description	Amount
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ACH	FETZER, ROBERT Reim Monthly Health Prem	HEALTH PREM	754.64
	FETZER, ROBERT	\$	754.64

ACH	BRULE, CHRISTOPHER Reim Monthly Health Prem	HEALTH PREM	226.32
	BRULE, CHRISTOPHER	\$	226.32

ACH	ROOS, JAMES Reim Monthly Health Prem	HEALTH PREM	367.95
	ROOS, JAMES	\$	367.95

ACH	MULLANEY, JOHN Reim Monthly Health Prem	HEALTH PREM	377.32
	MULLANEY, JOHN	\$	377.32

ACH	VALENZUELA, DANIEL Reim Monthly Health Prem	HEALTH PREM	603.64
	VALENZUELA, DANIEL	\$	603.64

ACH	PACE, BRIAN Reim Monthly Health Prem	HEALTH PREM	426.72
	PACE, BRIAN	\$	426.72

ACH	KING, JOSEPH Reim Monthly Health Prem	HEALTH PREM	151.00
	KING, JOSEPH	\$	151.00

ACH	VILLALOBOS, HECTOR Reim Monthly Health Prem	HEALTH PREM	226.32
	VILLALOBOS, HECTOR	\$	226.32

ACH	BAXTER, KATHLEEN Reim Monthly Health Prem	HEALTH PREM	226.32
	BAXTER, KATHLEEN	\$	226.32

ACH	PENMAN, DAVID Reim Monthly Health Prem	HEALTH PREM	603.64
	PENMAN, DAVID	\$	603.64

ACH	ANGIER, RICHARD Reim Monthly Health Prem	HEALTH PREM	603.64
	ANGIER, RICHARD	\$	603.64

ACH	MERRILL, DEBORAH Reim Monthly Health Prem	HEALTH PREM	132.25
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Check	Payee / Description	Amount
	MERRILL, DEBORAH	\$ 132.25
ACH	O'DEA, KRISTINE Reim Monthly Health Prem	HEALTH PREM 141.63
	O'DEA, KRISTINE	\$ 141.63
ACH	OAKDEN, LISA Reim Monthly Health Prem	HEALTH PREM 754.64
	OAKDEN, LISA	\$ 754.64
ACH	LAUGHLIN, JOHN Reim Monthly Health Prem	HEALTH PREM 151.00
	LAUGHLIN, JOHN	\$ 151.00
ACH	HUGHBANKS, ROGER Reim Monthly Health Prem	HEALTH PREM 226.32
	HUGHBANKS, ROGER	\$ 226.32
ACH	SPENDLOVE, DANNY Reim Monthly Health Prem	HEALTH PREM 141.63
	SPENDLOVE, DANNY	\$ 141.63
ACH	HOULIHAN, JESSE Reim Monthly Health Prem	HEALTH PREM 367.95
	HOULIHAN, JESSE	\$ 367.95
ACH	HERNANDEZ, DELIA Reim Monthly Health Prem	HEALTH PREM 226.32
	HERNANDEZ, DELIA	\$ 226.32
ACH	GUARDIANO, GARY Reim Monthly Health Prem	HEALTH PREM 141.63
	GUARDIANO, GARY	\$ 141.63
ACH	BARRER, SATURNINO Reim Monthly Health Prem	HEALTH PREM 377.32
	BARRER, SATURNINO	\$ 377.32
ACH	LACEY, STEVEN Reim Monthly Health Prem	HEALTH PREM 830.03
	LACEY, STEVEN	\$ 830.03
ACH	REED, RANDALL Reim Monthly Health Prem	HEALTH PREM 754.64
	REED, RANDALL	\$ 754.64
ACH	RAMIREZ, REBECCA Reim Monthly Health Prem	HEALTH PREM 377.32

Check		Payee / Description	Amount
		RAMIREZ, REBECCA	\$ 377.32
ACH	RAZAK, HALLA	Reim Monthly Health Prem	HEALTH PREM 151.00
		RAZAK, HALLA	\$ 151.00
ACH	OSBORN, CINDY L	Reim Monthly Health Prem	HEALTH PREM 377.32
		OSBORN, CINDY L	\$ 377.32
ACH	FESTA, GARY	Reim Monthly Health Prem	HEALTH PREM 305.87
		FESTA, GARY	\$ 305.87
ACH	DELGADO, FLOR MARIA	Reim Monthly Health Prem	HEALTH PREM 151.00
		DELGADO, FLOR MARIA	\$ 151.00
ACH	GROENVELD, NELLETJE	Reim Monthly Health Prem	HEALTH PREM 226.32
		GROENVELD, NELLETJE	\$ 226.32
ACH	BATONGMALAQUE, CHARLIE L	Reim Monthly Health Prem	HEALTH PREM 358.64
		BATONGMALAQUE, CHARLIE L	\$ 358.64
ACH	BOBBITT, JOHN	Reim Monthly Health Prem	HEALTH PREM 151.00
		BOBBITT, JOHN	\$ 151.00
ACH	NEIGHBORS, CLAUDIA	Reim Monthly Health Prem	HEALTH PREM 141.63
		NEIGHBORS, CLAUDIA	\$ 141.63
ACH	CHENG, TINA Y	Reim Monthly Health Prem	HEALTH PREM 132.25
		CHENG, TINA Y	\$ 132.25
ACH	JACKSON, PATRICIA M	Reim Monthly Health Prem	HEALTH PREM 141.63
		JACKSON, PATRICIA M	\$ 141.63
ACH	GIBSON, CONSTANCE A	Reim Monthly Health Prem	HEALTH PREM 151.00
		GIBSON, CONSTANCE A	\$ 151.00
ACH	GU, JASON		

Check		Payee / Description	Amount
		Reim Monthly Health Prem	141.63
		GU, JASON	141.63
ACH	SCHERCK, JOHN	Reim Monthly Health Prem	378.11
		SCHERCK, JOHN	378.11
ACH	BUCHANAN, JAMES S	Reim Monthly Health Prem	151.00
		BUCHANAN, JAMES S	151.00
ACH	LUCAS, LARRY	Reim Monthly Health Prem	151.00
		LUCAS, LARRY	151.00
ACH	LOPEZ, MARK A	Reim Monthly Health Prem	377.32
		LOPEZ, MARK A	377.32
ACH	SANTA CRUZ, VICTOR	Reim Monthly Health Prem	594.34
		SANTA CRUZ, VICTOR	594.34
ACH	TRAUGOTT, JEFFREY P	Reim Monthly Health Prem	141.63
		TRAUGOTT, JEFFREY P	141.63
ACH	RIVERA, VINCENT J	Reim Monthly Health Prem	283.25
		RIVERA, VINCENT J	283.25
ACH	DOAN, KHANH V	Reim Monthly Health Prem	754.64
		DOAN, KHANH V	754.64
ACH	ARGUELLES, ALEX	Reim Monthly Health Prem	830.03
		ARGUELLES, ALEX	830.03
ACH	PROCTOR, CRAIG	Reim Monthly Health Prem	603.64
		PROCTOR, CRAIG	603.64
ACH	STONE, VICTORIA L	Reim Monthly Health Prem	603.64
		STONE, VICTORIA L	603.64

Check	Payee / Description	Amount
ACH	KREIMEYER, CARL L Reim Monthly Health Prem	HEALTH PREM 377.32
	KREIMEYER, CARL L	\$ 377.32
ACH	CHAVEZ, NESTOR Reim Monthly Health Prem	HEALTH PREM 377.32
	CHAVEZ, NESTOR	\$ 377.32
ACH	CUNNINGHAM, RICHARD A Reim Monthly Health Prem	HEALTH PREM 141.63
	CUNNINGHAM, RICHARD A	\$ 141.63
ACH	MYERS, ALAN R Reim Monthly Health Prem	HEALTH PREM 151.00
	MYERS, ALAN R	\$ 151.00
ACH	MCCHRISTY, KAREN Reim Monthly Health Prem	HEALTH PREM 141.63
	MCCHRISTY, KAREN	\$ 141.63
ACH	ROSALES, TIMOTEO P Reim Monthly Health Prem	HEALTH PREM 754.64
	ROSALES, TIMOTEO P	\$ 754.64
ACH	PELLY, GARY Reim Monthly Health Prem	HEALTH PREM 137.02
	PELLY, GARY	\$ 137.02
ACH	ROBISON, JOHN Reim Monthly Health Prem	HEALTH PREM 151.00
	ROBISON, JOHN	\$ 151.00
ACH	DELZER, HARLAN D Reim Monthly Health Prem	HEALTH PREM 283.25
	DELZER, HARLAN D	\$ 283.25
ACH	OAKDEN, SCOTT A Reim Monthly Health Prem	HEALTH PREM 603.64
	OAKDEN, SCOTT A	\$ 603.64
ACH	HEIN, DAVID J Reim Monthly Health Prem	HEALTH PREM 141.63
	HEIN, DAVID J	\$ 141.63
ACH	VALENCIA, CHRISTINA Reim Monthly Health Prem	HEALTH PREM 226.32
	VALENCIA, CHRISTINA	\$ 226.32

Check Payee / Description	Amount
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ACH	FRESQUEZ, ADRIAN		
	Reim Monthly Health Prem	HEALTH PREM	377.32
			-
	FRESQUEZ, ADRIAN	\$	377.32

ACH	SARMIENTO, JESSICA		
	Reim Monthly Health Prem	HEALTH PREM	226.32
			-
	SARMIENTO, JESSICA	\$	226.32

ACH	VANBREUKELEN, ALBERT		
	Reim Monthly Health Prem	HEALTH PREM	151.00
			-
	VANBREUKELEN, ALBERT	\$	151.00

ACH	O'BRIEN, MICHELLE		
	Reim Monthly Health Prem	HEALTH PREM	227.11
			-
	O'BRIEN, MICHELLE	\$	227.11

ACH	AVILA, GLORIA		
	Reim Monthly Health Prem	HEALTH PREM	226.32
			-
	AVILA, GLORIA	\$	226.32

ACH	MALKANI, SURESH		
	Reim Monthly Health Prem	HEALTH PREM	377.32
			-
	MALKANI, SURESH	\$	377.32

ACH	JONES, ALLAN D		
	Reim Monthly Health Prem	HEALTH PREM	226.32
			-
	JONES, ALLAN D	\$	226.32

ACH	NORIEGA, MANUAL		
	Reim Monthly Health Prem	HEALTH PREM	226.32
			-
	NORIEGA, MANUAL	\$	226.32

ACH	KLING, WANDA		
	Reim Monthly Health Prem	HEALTH PREM	377.32
			-
	KLING, WANDA	\$	377.32

ACH	MEDEIROS, SHAWN		
	Reim Monthly Health Prem	HEALTH PREM	830.03
			-
	MEDEIROS, SHAWN	\$	830.03

ACH	WITTE, ANGELA		
	Reim Monthly Health Prem	HEALTH PREM	141.63
			-
	WITTE, ANGELA	\$	141.63

ACH	MORGAN-PERALES, LISA		
	Reim Monthly Health Prem	HEALTH PREM	226.32
			-

Check		Payee / Description	Amount
		MORGAN-PERALES, LISA	\$ 226.32
ACH		DELGADO-ORAMAS III, JOSE M	
		Reim Monthly Health Prem	HEALTH PREM 830.03
		DELGADO-ORAMAS III, JOSE M	\$ 830.03
ACH		GLAZIER, JONATHAN	
		Reim Monthly Health Prem	HEALTH PREM 151.00
		GLAZIER, JONATHAN	\$ 151.00
ACH		REYES, RAYMOND G	
		Reim Monthly Health Prem	HEALTH PREM 226.32
		REYES, RAYMOND G	\$ 226.32
ACH		COUNTY SANITATION DISTRICTS	
		21/22 Wastewater Trtmt Surchg	39650 5,670.24
		22/23-3rd QTR Wstwr Trtmt Surchg	1881662 22/23 1,536,761.00
		COUNTY SANITATION DISTRICTS	\$ 1,542,431.24
ACH		FISHER SCIENTIFIC	
		VOCARB 3000 TRAP U SHAPED	1237836 689.75
		Funnels	1278740 202.80
		Electrode,Plunger	1201150 1,112.22
		PIPET DISP 5 3/4 IN 1440/CS	1033860 148.59
		FISHER SCIENTIFIC	\$ 2,153.36
ACH		ROYAL INDUSTRIAL SOLUTIONS	
		32PT DC IO/RELAY MO	6441-1078088 1,188.69
		ROYAL INDUSTRIAL SOLUTIONS	\$ 1,188.69
ACH		UNIVAR SOLUTIONS USA INC	
		12,275 SOD BISULFITE 25% BULK TECH	51018224 8,352.41
		UNIVAR SOLUTIONS USA INC	\$ 8,352.41
ACH		PETE'S ROAD SERVICE	
		Towing Svcs	23-0654071-00 234.38
		PETE'S ROAD SERVICE	\$ 234.38
ACH		GRAINGER INC	
		Cavity Pumps	9648035427 4,025.37
		Absorbent Pads,Marking Paints,Strainer S	9648128354 1,635.99
		GRAINGER INC	\$ 5,661.36
ACH		CDM SMITH INC	
		EN19024-2/5-3/4 Prof Svcs	90173449 12,275.45
		CDM SMITH INC	\$ 12,275.45
ACH		TELEDYNE ISCO	
		REPL PUMP ASSY KB 5800 replacement Y pum S020592117	1,660.69

Check	Payee / Description	Amount
	REPL PUMP ASSY KB 5800 replacement Y pum S020593143	3,313.83
	TELEDYNE ISCO	\$ 4,974.52
ACH	MCCROMETER INC	
	BRACKET WALL MOUNT, UPPER CLAMP, LOWER C 591408	10,451.00
	MCCROMETER INC	\$ 10,451.00
ACH	ALFA LAVAL INC	
	RP-2 E and West Labor 284752236	37,224.00
	ALFA LAVAL INC	\$ 37,224.00
ACH	MPS SECURITY	
	Feb 2023 RP1 Standing Guard Service 2779	5,868.72
	MPS SECURITY	\$ 5,868.72
ACH	CASC ENGINEERING AND CONSULTIN	
	Project Manager: Liz Munoz EN0000000043 0048386	910.00
	CASC ENGINEERING AND CONSULTIN\$	910.00
ACH	ATMAA INC	
	RP1-3/3 Analysis Reduced Sulfur Compound 39120	240.00
	ATMAA INC	\$ 240.00
ACH	HACH COMPANY	
	DPD TOTAL BULK DISPENSER + POWDER *UNITP 13512488	230.26
	HACH COMPANY	\$ 230.26
ACH	ROBERT HALF MANAGEMENT RESOURC	
	Mahdian, M-WE 3/10/23 61685685	2,622.00
	Samore, J-WE 3/17/23 61747388	4,060.00
	Chen, R-WE 3/10/23 61692003	3,370.00
	Samore, J-WE 3/24/23 61768015	3,842.50
	ROBERT HALF MANAGEMENT RESOURC\$	13,894.50
ACH	CS-AMSCO	
	VALVE, PLUG 8" FLANGED (GEAR OPERATED 18514	3,435.32
	CS-AMSCO	\$ 3,435.32
ACH	STANTEC CONSULTING INC	
	EN22020 Philadelphia Lift Station Pump U 2058166	9,388.80
	EN23123 RP-4 Outfall Valve Replacement a 2057949	11,128.38
	STANTEC CONSULTING INC	\$ 20,517.18
ACH	RSD	
	RP1-manometer and pressure witch tester 55386925-00	544.90
	PLEATED FILTER 55386831-00	701.32
	RSD	\$ 1,246.22

Check	Payee / Description	Amount
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ACH	OLIN CORP	
	4,898 Sodium Hypochlorite 12.5	900258483 9,594.95
	4,910.00 Sodium Hypochlorite 12.5	900257699 9,618.46
	1,955 Sodium Hypochlorite 12.5	900257822 9,563.61
	4,968 Sodium Hypochlorite 12.5	900257312 9,732.08
	4,912 Sodium Hypochlorite 12.5	900257700 9,622.38
	4,898 Sodium Hypochlorite 12.5	900258734 9,594.95
	OLIN CORP	\$ 57,726.43

ACH	ALTA FOODCRAFT	
	Coffee, Cocoa, Tea, Stirrers	12304374 486.22
	Coffee, Tea, Cocoa	12304373 263.20
	RP1-Tea, Nestle Cocoa	12304245 117.20
	ALTA FOODCRAFT	\$ 866.62

ACH	GHD INC	
	EN24020-2/24/23 Prof Srvs	380-0029080 12,984.60
	GHD INC	\$ 12,984.60

ACH	EUROFINS EATON ANALYTICAL LLC	
	1/18/23 Water Sample Analysis	3800019493 1,850.00
	1/19/23 Water Sample Analysis	3800019494 2,000.00
	1/19/23 Water Sample Analysis	3800019495 1,850.00
	1/18/23 Water Sample Analysis	3800019492 2,000.00
	11/3/22 Water Sample Analysis	3800019489 1,560.00
	11/3/22 Water Sample Analysis	3800019488 1,560.00
	3/12/23 Water Sample Analysis	3800019516 1,380.00
	1/10/23 Water Sample Analysis	3800019491 25.00
	EUROFINS EATON ANALYTICAL LLC	\$ 12,225.00

ACH	ATKINSON, ANDELSON, LOYA,	
	2/23 General Labor Advice	676079 17,026.74
	ATKINSON, ANDELSON, LOYA,	\$ 17,026.74

ACH	CALIFORNIA WATER TECHNOLOGIES	
	43160 Ferric Chloride Solution DWG Bulk	43672 8,370.06
	RP2-43,740Lbs Ferric Chloride Solution	43695 8,545.22
	CALIFORNIA WATER TECHNOLOGIES	\$ 16,915.28

ACH	MANAGED MOBILE INC	
	03/14/23 Vehicle Service Call/Maintenanc	IN00-0262986 166.17
	03/14/23 Vehicle Service Call/Maintenanc	IN00-0262985 166.17
	03/14/23 Vehicle Service Call/Maintenanc	IN00-0262988 166.17
	03/14/23 Vehicle Service Call/Maintenanc	IN00-0262987 166.17
	Repair Parts/Labor F/Veh 1701	IN00-0262253 166.59
	Repair Parts/Labor F/Veh 1601	IN00-0262252 195.15
		IN00-0262196 183.90
	Repair Parts/Labor F/Veh 2002	IN00-0262198 183.90
	Repair Parts/Labor F/Veh VQUI2101	IN00-0262199 318.90
	MANAGED MOBILE INC	\$ 1,713.12

ACH	PACIFIC COURIERS INC	
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Check		Payee / Description	Amount
	February 2023 Courier Services	23-02-2007	3,074.40
	PACIFIC COURIERS INC	\$	3,074.40
ACH	MWH CONSTRUCTORS INC		
	For Professional Services rendered from 2023-30505777		18,384.60
	MWH CONSTRUCTORS INC	\$	18,384.60
ACH	NEW MILLENNIUM CONSTRUCTION		
	Double Door Repairs	2633	2,569.85
	NEW MILLENNIUM CONSTRUCTION	\$	2,569.85
ACH	DORGAN LEGAL SERVICES LLP		
	2/23 General Labor Advice	710	35.00
	1/23-2/23 General Labor Advice	711	57,147.09
	2/23 General Labor Advice	703	5,197.87
	DORGAN LEGAL SERVICES LLP	\$	62,379.96
ACH	PRO-CRAFT CONSTRUCTION INC		
	Professional Services 11/15/2022	22097-8	162.40
	Professional Services 1/18/2023	22097-15	320.00
	PRO-CRAFT CONSTRUCTION INC	\$	482.40
ACH	CAPO PROJECTS GROUP LLC		
	EN11039-2/23 Prof Svcs	6690	334.00
	CAPO PROJECTS GROUP LLC	\$	334.00
ACH	STAPLES CONTRACT & COMMERCIAL		
	Office Supplies	3533836730	29.30
	Office Supplies	3533836731	29.30
	STAPLES CONTRACT & COMMERCIAL	\$	58.60
ACH	DENALI WATER SOLUTIONS LLC		
	RP1-2/23 Biosolids Hauling to IERCF	INV439460	20,419.43
	DENALI WATER SOLUTIONS LLC	\$	20,419.43
ACH	INFINITE CONTROL SYSTEMS INC		
	March 2023 Monthly Maintenance	5386	4,162.50
	INFINITE CONTROL SYSTEMS INC	\$	4,162.50
ACH	WECK LABORATORIES		
	Invoice Summary various jobs	71084	70,469.00
	Trichloropropane	W1F0883-	250.00
	WECK LABORATORIES	\$	70,719.00
ACH	DIVERSIFIED THERMAL SERVICES I		
	CCWRF-2/23 Maint Contract Svcs	S36115	2,541.00
	DIVERSIFIED THERMAL SERVICES I	\$	2,541.00

Check	Payee / Description	Amount
ACH	SO CALIF GAS	
	RP4-2/16-3/20 12811 6Th St 10605111 3/23	38.03
	MntBldg/Whs-2/17-3/21 2604 Walnut St 11726008 3/23	851.22
	TP1- 2/17-3/21 2564 Walnut St 06576432 3/23	142.73
	SO CALIF GAS \$	1,031.98
ACH	SHELL ENERGY NORTH AMERICA LP	
	RP1/RP2/RP5/CCWRP-2/1-2/28 Power Usage 202302	245,369.38
	SHELL ENERGY NORTH AMERICA LP \$	245,369.38
ACH	BENEFIT COORDINATORS CORPORATI	
	3/23 LTD,Agency Pd Life,Employee Pd Life 12456	17,339.90
	BENEFIT COORDINATORS CORPORATIS	17,339.90
ACH	WESTERN DENTAL PLAN	
	3/23 Agency Dental Plan 210570	2,004.32
	WESTERN DENTAL PLAN \$	2,004.32
ACH	COLONIAL LIFE & ACCIDENT INSUR	
	4/23 Disability,Cancer,Universal/Term Li 7274194040177	229.57
	COLONIAL LIFE & ACCIDENT INSURS	229.57
ACH	WEX HEALTH INC	
	February 2023 Admin Fees 0001686726-IN	285.00
	WEX HEALTH INC \$	285.00
ACH	BENEFIT COORDINATORS CORPORATI	
	Dental Insurance March 23 210570	21,590.00
	BENEFIT COORDINATORS CORPORATIS	21,590.00
ACH	LEGALSHIELD	
	3/23 Employee Prepaid Legal Services 2023	285.10
	LEGALSHIELD \$	285.10
ACH	SCOTT, STACEY	
	1/14-4/14 You Exec Subscription 1/14-4/14YOU	126.14
	SCOTT, STACEY \$	126.14
ACH	CATALAN, JOSE L	
	MlgReim-10/26 CWEA Training-Catalan, J MLG 10/26	55.63
	MlgReim-12/21 Backflow Class-Catalan, J MLG 12/9	41.88
	MlgReim-1/18 Backflow Test-Catalan, J MLG 1/18	32.75
	CATALAN, JOSE L \$	130.26
ACH	TROTT, MEGAN	
	Trott,M-ExpRpt-2/20-2/24 Membrane Techno 2/20-2/24 MMB	209.70
	TROTT, MEGAN \$	209.70

Check Payee / Description	Amount
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ACH	TULE, MARCO		
	MlgReim-12/7 Meeting-Tule, M	MLG 12/7	29.00
	MlgReim-1/23 Meetings-Tule, M	MLG 1/23	143.12
	MlgReim-12/22 Meetings-Tule, M	MLG 12/22	85.81
			-
	TULE, MARCO	\$	257.93

ACH	FISHER SCIENTIFIC		
		1278739	851.34
			-
	FISHER SCIENTIFIC	\$	851.34

ACH	HARRINGTON INDUSTRIAL PLASTICS		
	1" VALVE RELIEF T PVC PTFE	012M3562	2,100.03
	SBLfStn-Relief Valve Reversal	012J6974CR	1,083.76
			-
	HARRINGTON INDUSTRIAL PLASTICS	\$	1,016.27

ACH	UNIVAR SOLUTIONS USA INC		
	11,060 Sodium Bisulfite 25%	51031612	7,525.68
	RP1- 11,930 Sodium Bisulfite	51032846	8,117.67
	CCWRF 11,965 Sodium Bisulfate	51031613	8,141.48
			-
	UNIVAR SOLUTIONS USA INC	\$	23,784.83

ACH	AIRGAS USA LLC		
	Lab-126 CCF Argon Microbulk	9136321491	1,029.31
	RP2- 8 CL Nitrogen	9136191222	103.87
	RP1-Propane Ind bulk	9136390189	836.39
			-
	AIRGAS USA LLC	\$	1,969.57

ACH	CAROLLO ENGINEERS		
	EN22044.00 RP-1 Thickening Building & Ac FB34431		163,182.00
			-
	CAROLLO ENGINEERS	\$	163,182.00

ACH	INLAND EMPIRE REGIONAL		
	11/22 PCard reimbursement to RCA	11/22 USB REI	337.59
	09/22 PCard reimbursement to RCA	09/22 USB REI	500.00
	10/22 PCard reimbursement to RCA	10/22 USB REI	4,104.53
			-
	INLAND EMPIRE REGIONAL	\$	4,942.12

ACH	PLUMBERS DEPOT INC		
	RP1-Plumbing Service Call	PD-53255	171.43
			-
	PLUMBERS DEPOT INC	\$	171.43

ACH	ROBERT HALF MANAGEMENT RESOURC		
	Reyes,G-WE 3/17/23	61727436	3,654.00
	Day,O-WE 3/17/23	61737634	2,850.00
	Olivares,J-WE 3/17/23	61737646	2,290.75
			-
	ROBERT HALF MANAGEMENT RESOURC	\$	8,794.75

ACH	U S BANK		
	*4246044555646425 3/23	5564-6425 3/2	286,034.65
			-

Check Payee / Description	Amount
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U S BANK	\$	286,034.65
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ACH	OLIN CORP		
	4,896 Sodium Hypochlorite 12.5	900259638	9,591.04
	4,920 Sodium Hypochlorite 12.5	900258930	9,638.05
	4,908 Sodium Hypochlorite 12.5	900259017	9,614.55
	4,880 Sodium Hypochlorite 12.5	900258929	9,559.69
			-
			-
	OLIN CORP	\$	38,403.33

ACH	US BANK VOYAGER FLEET SYSTEMS		
	3/23 Gasoline f/Agency Vehicles	8693150932312	5,006.21
			-
			-
	US BANK VOYAGER FLEET SYSTEMS	\$	5,006.21

ACH	SIEMENS INDUSTRY INC		
	Transmitter	5606423712	2,687.29
	Sitrans, Transducers	5608234451	8,068.32
	Cr Memo for 5604175118 - Radar Level Tra	5431289156	3,139.62
			-
			-
	SIEMENS INDUSTRY INC	\$	7,615.99

ACH	CALIFORNIA WATER TECHNOLOGIES		
	RP1-43,680Lbs Ferric Chloride Solution	43693	8,679.55
	CCWRF-18,110.52 Lbs Ferric Chloride	43704	8,650.72
			-
			-
	CALIFORNIA WATER TECHNOLOGIES	\$	17,330.27

ACH	PRIORITY BUILDING SERVICES LLC		
	Feb 2023 Monthly Janitorial Services	87124	20,389.06
	January 2023 Monthly Janitorial Services	86759	20,389.06
			-
			-
	PRIORITY BUILDING SERVICES LLC	\$	40,778.12

ACH	TRANSENE COMPANY INC		
	Buffer Solution	216765	249.44
			-
			-
	TRANSENE COMPANY INC	\$	249.44

ACH	AMTEC		
	Bratton, Z-WE3/26/23	74284	1,095.00
			-
			-
	AMTEC	\$	1,095.00

ACH	DIVERSIFIED THERMAL SERVICES I		
	RP4-3/14 Maint Contract Svcs	S36614	5,102.00
			-
			-
	DIVERSIFIED THERMAL SERVICES IS		5,102.00

ACH	INTEGRATED PROCESS TECHNOLOGIE		
	Analog Board, Actuator, Control Station	271979A-IN	14,808.09
			-
			-
	INTEGRATED PROCESS TECHNOLOGIES	\$	14,808.09

ACH	BARAJAS, ELIZABETH		
	MlgReim-3/1 On Call Response @RP2	MLG 3/1	41.00
			-
			-
	BARAJAS, ELIZABETH	\$	41.00

Check	Payee / Description	Amount
ACH	QIAN, MENG	
	MlgReim-3/16 Call Out-Qian,Meng	MLG 3/16 7.47
	QIAN, MENG	\$ 7.47
ACH	EMPOWER RETIREMENT	
	P/R 06 3/27/23 Deferred Comp	HR 0113200 91,749.20
	EMPOWER RETIREMENT	\$ 91,749.20

Grand Total Payment Amount: \$ 18,184,804.57

Attachment 2D

Vendor Wires
(excludes Payroll)

Check Payee / Description	Amount
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Wire	PUBLIC EMPLOYEES RETIREMENT SY				
	P/R 4 2/24 Adj	P/R 4 2/24 AD			3.52
	P/R 04 2/24/23 PERS	HR 0111700			221,612.83
					-
	PUBLIC EMPLOYEES RETIREMENT SY\$				221,616.35

Wire	PUBLIC EMPLOYEES' RETIREMENT S				
	03/23 Health Ins-Board	17001023 03/2			7,927.35
	03/23 Health Ins-Retirees, Employees	17001020 03/2			335,282.25
					-
	PUBLIC EMPLOYEES' RETIREMENT SS				343,209.60

Wire	STATE DISBURSEMENT UNIT				
	P/R 05 3/10/23	HR 0113100			2,237.18
					-
	STATE DISBURSEMENT UNIT	\$			2,237.18

Wire	EMPLOYMENT DEVELOPMENT DEPARTM				
	P/R DIR 03 3/10/23 Taxes	HR 0112100			418.48
					-
	EMPLOYMENT DEVELOPMENT DEPARTMS				418.48

Wire	EMPLOYMENT DEVELOPMENT DEPARTM				
	P/R 05 03/10/23 Taxes	HR 0113100			75,817.81
	P/R 05 03/10/23 Taxes	HR 0113100			13,933.85
					-
	EMPLOYMENT DEVELOPMENT DEPARTMS				89,751.66

Wire	INTERNAL REVENUE SERVICE				
	P/R 05 3/10/23 Taxes	HR 0113100			424,056.67
					-
	INTERNAL REVENUE SERVICE	\$			424,056.67

Wire	INTERNAL REVENUE SERVICE				
	P/R DIR 03 3/10/23 Taxes	HR 0112100			2,831.38
					-
	INTERNAL REVENUE SERVICE	\$			2,831.38

Wire	PUBLIC EMPLOYEES RETIREMENT SY				
	P/R 5 3/10 Adj	P/R 5 3/10 AD			0.02
	P/R 05 3/10/23 PERS	HR 0113100			223,526.28
					-
	PUBLIC EMPLOYEES RETIREMENT SY\$				223,526.26

Wire	PUBLIC EMPLOYEES RETIREMENT SY				
	P/R 06 3/24/23 PERS	HR 0113200			220,442.18
					-
	PUBLIC EMPLOYEES RETIREMENT SY\$				220,442.18

Wire	STATE BOARD OF EQUALIZATION				
	2/23 Sales Tax Deposit	23784561 2/23			15,171.00
					-
	STATE BOARD OF EQUALIZATION	\$			15,171.00

Wire	STATE DISBURSEMENT UNIT				
	P/R 06 3/24/23	HR 0113200			2,237.18
					-
	STATE DISBURSEMENT UNIT	\$			2,237.18

Check Payee / Description	Amount
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Wire	EMPLOYMENT DEVELOPMENT DEPARTM				
	P/R 06 03/24/23 Taxes	HR	0113200		66,249.46
	P/R 06 03/24/23 Taxes	HR	0113200		13,104.59
				-	-
	EMPLOYMENT DEVELOPMENT DEPARTMS				79,354.05

Wire	INTERNAL REVENUE SERVICE				
	P/R 06 3/24/23 Taxes	HR	0113200		384,816.66
				-	-
	INTERNAL REVENUE SERVICE		\$		384,816.66

Grand Total Payment Amount: \$ 2,009,668.65

Attachment 2E

Payroll-Net Pay-Directors

INLAND EMPIRE UTILITIES AGENCY

Ratification of Board of Directors

Payroll for March 10 ,2023
Presented at Board Meeting on May 17, 2023

DIRECTOR NAME	GROSS PAYROLL	NET PAYROLL
Jasmin Hall	\$3,403.57	\$2,110.18
Marco A. Tule	\$4,165.58	\$1,790.93
Michael Camacho	\$5,362.06	\$1,695.10
Steven J. Elie	\$5,362.06	\$1,681.55
Paul Hofer	\$0.00	\$0.00
TOTALS	\$18,293.27	\$7,277.76

	Count	Amount
TOTAL EFTS PROCESSED	4	\$7,277.76
TOTAL CHECKS PROCESSED	0	\$0.00
CHECK NUMBERS USED	N/A	

**DIRECTOR PAYSHEET
IEUA/MWD
SAWPA (alternate)
1 of 2**

MICHAEL CAMACHO
EMPLOYEE NO.: 1140
ACCOUNT NO.: 10200-120100-100000-501010
FEBRUARY 2023

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
2/1/2023	IEUA – IEUA Board Workshop/Meeting In-Person	Yes	\$260.00
2/1/2023	IEUA- MWD Board Vice Chair Coordination via Zoom	Yes (same day)	\$0.00
2/3/2023	IEUA - Meeting w/John Hanula Re: MWD Water Issues	Yes	\$260.00
2/7/2023	IEUA - Meeting w/Peter Whittingham in Claremont	Yes	\$260.00
2/8/2023	IEUA – IEUA Community & Legislative Affairs Committee Meeting and Engineering, Operations, & Water Resources Committee Meeting In-person	Yes	\$260.00
2/8/2023	IEUA - RP-5 Tour w/Santa Margarita Water District Board President Frank Ury	Yes (same day)	\$0.00
2/9/2023	IEUA - Joint Inland and Orange County Caucus Meeting Conference Call	Yes	\$260.00
2/9/2023	IEUA – MWDOC Water Policy Forum & Dinner In-Person	Yes (same day)	\$0.00
2/10/2023	MWD - Special Engineering, Operations, and Technology Committee Meeting via Zoom	Yes	\$260.00
2/12/2023	MWD - MWD Dinner at Board Retreat In-Person	Yes	\$260.00
2/13/2023	MWD - Committee Meeting and Board Meetings In-person	Yes	\$260.00
2/13/2023	MWD - MWD Board Retreat Day 1 In-Person	Yes (same day)	\$0.00
2/14/2023	MWD - MWD Board Retreat Day 2 In-Person	Yes	\$260.00
2/15/2023	IEUA – IEUA Board Meeting In-Person	Yes	\$260.00
2/24/2023	IEUA- MWD Lower Colorado Inspection Trip	Yes (10 mtgs max)	\$0.00
2/25/2023	IEUA- MWD Lower Colorado Inspection Trip	Yes (10 mtgs max)	\$0.00
2/26/2023	IEUA-MWD Lower Colorado Inspection Trip	Yes (10 mtgs max)	\$0.00

DIRECTOR PAYSHEET
IEUA/MWD
SAWPA (alternate)
2 of 2

2/27/2023	IEUA- Review of Bills w/Vice President Elie, Director Camacho, WCA and IEUA Staff via MS Teams	Yes (10 mtgs max)	\$0.00
2/28/2023	MWD - Committee Meetings via Zoom	Yes (10 mtgs max)	\$0.00

Director's Signature



Michael Camacho, Director



Approved by: Shivaji Deshmukh

TOTAL REIMBURSEMENT	\$2,600.00
TOTAL MEETINGS ATTENDED	19
TOTAL MEETINGS PAID	10

NOTE:

IEUA/MWD/IERCA

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19). IEUA pays both primary and alternate for attendance.

SAWPA

Up to 10 days of service per month per Ordinance No. 107 (i.e., \$20.00 – difference between SAWPA (\$240.00 (eff. 2/2022) and Agency meetings \$260.00 (eff. 7/01/19), including MWD meetings. SAWPA pays both primary and alternate for attendance, including mileage.

DIRECTOR PAYSHEET
IEUA/CBWM/CBWB/CDA
Regional Policy Cte (alternate)
1 of 2

STEVEN J. ELIE
 EMPLOYEE NO.: 1175
 ACCOUNT NO.: 10200-120100-100000-501010

FEBRUARY 2023

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
2/1/2023	IEUA - Good Morning Ontario: Featuring SB County Supervisor Curt Hagman In-Person	Yes (same day)	\$0.00
2/1/2023	IEUA - IEUA Board Workshop/Meeting In-Person	Yes	\$260.00
2/2/2023	IEUA - Chino Basin Desalter Authority Board Meeting via Zoom	Yes	\$260.00
2/7/2023	IEUA - WaterNow Alliance Monthly Conference Call via Zoom	Yes (same day)	\$0.00
2/7/2023	IEUA - NWRI Officers Committee via Zoom	Yes	\$260.00
2/8/2023	IEUA - IEUA Active Shooter Training In-Person	Yes (same day)	\$0.00
2/8/2023	IEUA - IEUA Community & Legislative Affairs Committee Meeting In-Person	Yes	\$260.00
2/8/2023	IEUA - NWRI Board of Directors Meeting via Zoom	Yes (same day)	\$0.00
2/8/2023	IEUA - Chino Valley Fire District Board Meeting In-Person	Yes (same day)	\$0.00
2/9/2023	IEUA - Meeting with CBWCD Director Kati Parker	Yes (decline payment)	\$0.00
2/9/2023	IEUA - MWDOC Water Policy Forum & Dinner	Yes	\$260.00
2/10/2023	IEUA - Meeting with Montclair Councilmember Corysa Martinez and MVWD Board Member Manny Martinez	Yes	\$260.00
2/15/2023	IEUA – IEUA Board Meeting In-Person	Yes	\$260.00
2/23/2023	IEUA - Urban Water Institute In-Person	Yes	\$260.00
2/27/2023	IEUA - Review of Bills w/Director Camacho, WCA and IEUA Staff via MS Teams	Yes	\$260.00
2/28/2023	IEUA - Chino Valley Mayor's Prayer Breakfast In-Person	Yes (decline payment)	\$0.00

DIRECTOR PAYSHEET
IEUA/CBWM/CBWB/CDA
Regional Policy Cte (alternate)
2 of 2

2/28/2023	IEUA - Silent Auction Donation Dropoff at Chino Valley Fire Foundation	Yes	\$260.00
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TOTAL REIMBURSEMENT \$2,600.00

TOTAL MEETINGS ATTENDED 17

TOTAL MEETINGS PAID 10

Director's Signature



Steven J. Elie, Vice President



Approved by: Shivaji Deshmukh

NOTE:

IEUA

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19). IEUA pays both primary and alternate for attendance.

CBWM

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 7/01/19). IEUA pays both primary and alternate for attendance. (i.e., \$135.00 - difference between Watermaster \$125.00 and Agency meetings \$260.00 (eff. 7/01/19). Chino Basin Watermaster does not compensate an alternate Director unless the alternate Director is attending on behalf of an absent primary Director. In accordance to Ordinance No. 98, Section 1, (i) Attendance at any meeting provided for under Sections 1.b,c,e, and f, shall also include payment to both the primary representative and the alternate representative to said body if they both attend said meeting. Record full amount on timesheet for attendance by alternates.

CDA

Up to 10 days of service per month per Ordinance No. 107, (i.e., \$120.00 - difference between CDA (\$150 and Agency meetings \$260.00 (eff. 7/01/19), including MWD meetings. CDA pays directly to IEUA. Record full amount on timesheet. CDA pays both primary and alternate for attendance.

CBWB

Up to 10 days of service per month per Ordinance No. 107 (i.e., \$160.00 - difference between CBWB (\$100.00 and Agency meetings \$260.00 (eff. 7/01/19)), including MWD meetings. CBWB pays directly to IEUA. Record full amount on timesheet.

Regional Policy Committee

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19.) IEUA pays Regional Policy Committee members (total amount of \$260.00, should reflect on timesheet).

****Decline IEUA portion of CBWM***

IEUA DIRECTOR PAYSHEET
IEUA\IERCA\SAWPA
1 of 2

JASMIN A. HALL
EMPLOYEE NO.: 1256
ACCOUNT NO.: 10200-120100-100000-501010

FEBRUARY 2023

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
2/1/2023	IEUA - IEUA Board Workshop/Meeting via MS Teams	Yes	\$260.00
2/2/2023	IEUA - LCW Ethics Training Course	Yes	\$260.00
2/6/2023	IERCA - IERCA Board Meeting via MS Teams	Yes	\$260.00
2/7/2023	SAWPA - SAWPA Commission Meeting via Zoom	Yes (decline payment)	\$0.00
2/7/2023	SAWPA - SAWPA PA 24 Committee Meeting via Zoom	Yes (decline payment)	\$0.00
2/13/2023	IEUA - SCWC - Legislative Task Force Meeting	Yes	\$260.00
2/15/2023	IEUA - IEUA Board Meeting via MS Teams	Yes	\$260.00
2/17/2023	IEUA - CAAWEF Board Meeting via Zoom	Yes	\$260.00
2/21/2023	SAWPA - SAWPA Commission Meeting via Zoom	Yes (decline payment)	\$0.00
2/21/2023	IEUA - Check-In Meeting with GM Deshmukh via MS Teams	Yes (staff)	\$0.00
2/22/2023	IEUA - Meeting w/ Fontana Mayor Pro Tem Cothran, Deputy City Manager Burum, City Manager Ballantyne, and Mike Thornton	Yes	\$260.00
2/22/2023	IEUA - Urban Water Institute Conference In-Person	Yes (same day)	\$0.00
2/23/2023	IEUA - Urban Water Institute Conference In-Person	Yes	\$260.00

IEUA DIRECTOR PAYSHEET
IEUA\IERCA\SAWPA
2 of 2

2/23/2023	IEUA - CASA ACE Workgroup Meeting via Zoom	Yes (same day)	\$0.00
2/24/2023	IEUA - Urban Water Institute Conference In-Person	Yes	\$260.00
2/27/2023	IEUA - CASA 2023 Washington D.C. Policy Forum In-Person	Yes	\$260.00
2/28/2023	IEUA - CASA 2023 Washington D.C. Policy Forum In-Person	Yes (10 mtgs max)	\$0.00

TOTAL REIMBURSEMENT \$2,600.00

TOTAL MEETINGS ATTENDED 17

TOTAL MEETINGS PAID 10

Director's Signature



Jasmin A. Hall, Director


#1458

Approved by: Shivaji Deshmukh, General Manager

NOTE:

IEUA/IERCA

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19). IEUA pays both primary and alternate for attendance.

CBWB

Up to 10 days of service per month per Ordinance No. 107 (i.e., \$160.00 - difference between CBWB (\$100.00 and Agency meetings \$260.00 (eff. 7/01/19)), including MWD meetings. CBWB pays directly to IEUA. Record full amount on timesheet.

SAWPA

Up to 10 days of service per month per Ordinance No. 107 (i.e., \$20.00 – difference between SAWPA (\$240.00 (eff. 2/2022) and Agency meetings \$260.00 (eff. 7/01/19), including MWD meetings. SAWPA pays both primary and alternate for attendance, including mileage.

DIRECTOR PAYSHEET**IEUA/IERCA****1 of 1**

PAUL HOFER

EMPLOYEE NO.: 1349

ACCOUNT NO.: 10200-120100-100000-501010

FEBRUARY 2023

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
2/15/2023	IEUA - IEUA Board Meeting via MS Teams	Yes	\$0.00

TOTAL REIMBURSEMENT \$0.00**TOTAL MEETINGS ATTENDED** 1**TOTAL MEETINGS PAID** 0**NOTE:**

IEUA/IERCA

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19). IEUA pays both primary and alternate for attendance.

Director Hofer has waived all stipend payments.

Director's Signature



Paul Hofer, Director


#1458

Approved by:

DIRECTOR PAYSHEET
IEUA/Regional Policy Cte
IERCA/CBWM/CDA (alternate)
1 of 2

MARCO TULE
EMPLOYEE NO.: 1520
ACCOUNT NO.: 10200-120100-100000-501010

FEBRUARY 2023

DATE	TYPE OF MEETING	ATTENDANCE	TOTAL COMPENSATION
2/1/2023	IEUA - IEUA Board Workshop/Meeting In-Person	Yes	\$260.00
2/8/2023	IEUA - IEUA Engineering, Operations & Water Resources Committee Meeting via MS Teams	Yes	\$260.00
2/8/2023	IEUA - Meeting w/MVWD President Rose	Yes (same day)	\$0.00
2/15/2023	IEUA- IEUA Board Meeting In-Person	Yes	\$260.00
2/21/2023	IEUA - Meeting with CBWCD GM Liz Skrzat & GM Deshmukh	Yes	\$260.00
2/23/2023	CBWM - Chino Basin Watermaster Board Meeting via Zoom	Yes (decline payment)	\$0.00
2/24/2023	IEUA- MWD Inspection Trip In-Person	Yes	\$260.00
2/25/2023	IEUA- MWD Inspection Trip In-Person	Yes	\$260.00
2/26/2023	IEUA-MWD Inspection Trip In-Person	Yes	\$260.00
2/28/2023	IEUA -Dinner Meeting with Carlos Goytia (TVMWD) and Gracie Torres (WMWD)	Yes	\$260.00

TOTAL REIMBURSEMENT \$2,080.00

TOTAL MEETINGS ATTENDED 10

TOTAL MEETINGS PAID 8

Director's Signature



Marco Tule, President


#1458

Approved by:
Shivaji Deshmukh, General Manager

DIRECTOR PAYSHEET
IEUA/Regional Policy Cte
IERCA/CBWM/CDA (alternate)
2 of 2

NOTE:

IEUA/IERCA

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19). IEUA pays both primary and alternate for attendance.

Regional Policy Committee

Up to 10 days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 07/01/19.) IEUA pays Regional Policy Committee members (total amount of \$260.00, should reflect on timesheet).

CDA

Up to 10 days of service per month per Ordinance No. 107, (i.e., \$120.00 - difference between CDA (\$150 and Agency meetings \$260.00 (eff. 7/01/19), including MWD meetings. CDA pays directly to IEUA. Record full amount on timesheet. CDA pays both primary and alternate for attendance

CBWM

Up to 10

days of service per month per Ordinance No. 107, including MWD meetings at \$260.00 (eff. 7/01/19). IEUA pays both primary and alternate for attendance. (i.e., \$135.00 - difference between Watermaster \$125.00 and Agency meetings \$260.00 (eff. 7/01/19). Chino Basin Watermaster does not compensate an alternate Director unless the alternate Director is attending on behalf of an absent primary Director. In accordance to Ordinance No. 107, Section 1, (i) Attendance at any meeting provided for under Sections 1.b,c,e, and f, shall also include payment to both the primary representative and the alternate representative to said body if they both attend said meeting. Record full amount on timesheet for attendance by alternates.

Attachment 2F

Payroll-Net Pay-Employees

Non-Board Members	PP 5 Checks	PP 5 EFTs	PP 6 Checks	PP 6 EFTs	March
NET PAY TO EE	\$0.00	\$961,866.63	\$0.00	\$914,586.37	\$1,876,453.00

INLAND EMPIRE UTILITIES AGENCY

Payroll for March 10, 2023

Presented at Board Meeting on May 17, 2023

GROSS PAYROLL COSTS			\$1,721,122.82
DEDUCTIONS			(\$759,256.19)
NET PAYROLL			961,866.63
NET PAYROLL BREAKDOWN	CHECKS	EFT	TOTAL
CHECKS USED			
TRANSACTION PROCESSED	0	414	414
AMOUNT	\$0.00	\$961,866.63	<u>\$961,866.63</u>

INLAND EMPIRE UTILITIES AGENCY

Payroll for March 24, 2023

Presented at Board Meeting on May 17, 2023

GROSS PAYROLL COSTS			\$1,626,615.84
DEDUCTIONS			(\$712,029.47)
NET PAYROLL			914,586.37
NET PAYROLL BREAKDOWN	CHECKS	EFT	TOTAL
CHECKS USED			
TRANSACTION PROCESSED	0	417	417
AMOUNT	\$0.00	\$914,586.37	<u>\$914,586.37</u>



Report on General Disbursements

Deborah Berry
Controller
May 2023

Staff's Recommendation



- Approve the total disbursements for the month of March 2023 in the amount of \$22,875,439.94.

The Report on General Disbursements is consistent with ***IEUA's Business Goal under Fiscal Responsibility***, specifically safeguarding the Agency's fiscal health to effectively support short-term and long-term needs, while providing the best value for our customers.

**CONSENT
ITEM
1C**

Date: May 17, 2023

To: The Honorable Board of Directors

Committee: Finance & Administration

ADD
From: Shivaji Deshmukh, General Manager

05/10/23

Staff Contact: Christiana Daisy, Deputy General Manager

Subject: Recharge Basin Cleanup of Illegal Dumping Project Fiscal Year 2022/23 and Total Project Budget Augmentation

Executive Summary:

In 2021, Inland Empire Utilities Agency (IEUA) initiated the Recharge Basin Cleanup of Illegal Dumping project. The goal is to enhance the maintenance and operation of IEUA's Groundwater Recharge facilities by reducing the amount of litter entering the recharge basins. The project will add netting, booms, and screens to divert and collect litter and add signage to increase public awareness. The modifications will be at Ely Basins 1 and 3, RP-3 Basins, Jurupa Basin, and Turner Basins 1 and 8. The project is scheduled to be completed by November 2023.

On March 2021, the California Department of Resources Recycling and Recovery awarded IEUA \$397,639 to reduce the amount of litter polluting and impacting water resources. Staff is recommending a budget augmentation to align the project budget with available grant funding. The adjustments would increase EN21057's total project cost from \$247,918.85 to \$420,398.00 (\$172,470.15 increase) and increase the Fiscal Year (FY) 2022/23 budget from \$212,450.40 to \$242,450.40 (\$30,000 increase). The project costs would be partially reimbursed with a \$397,639 grant. IEUA's match share towards the project would be \$22,759.

Staff's Recommendation:

1. Approve a total project budget augmentation for Project No. EN21057 in the amount of \$172,470.15, from \$247,918.85 to \$420,398.00 (70% increase) in the Recharge Water (10300) Fund;
2. Approve a FY 2022/23 project budget augmentation for Project No. EN21057, in the amount of \$30,000, from \$212,450.40 to \$242,450.40 (14% increase); and
3. Authorize the General Manager to approve the budget augmentation.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* Y *Amount for Requested Approval:* \$ 172,470

Account/Project Name:

EN21057/Recharge Basin Clean up of Illegal Dumping

Fiscal Impact (explain if not budgeted):

On March 4, 2021, a grant fund of \$397,639 was awarded to IEUA by the California Department of Resources Recycling and Recovery. IEUA is to provide a minimum match of \$22,759 which is to be cost shared with Chino Basin Watermaster.

Prior Board Action:

None.

Environmental Determination:

Categorical Exemption

These maintenance improvements within the Basins comply with the State of California Department of the Fish and Wildlife, Notification No. 1600-2009-0072-R6, dated February 15, 2010, Long Term Routine Maintenance Streambed Alteration Agreement for Existing Facilities.

Business Goal:

The Recharge Basin Clean up of Illegal Dumping Project is consistent with IEUA's Business Goal of Water Reliability, specifically the Groundwater Recharge objective that IEUA will maximize groundwater recharge projects in the region through strategic, cost-effective partnerships, and development.

Attachments:

Attachment 1- PowerPoint

Attachment 1



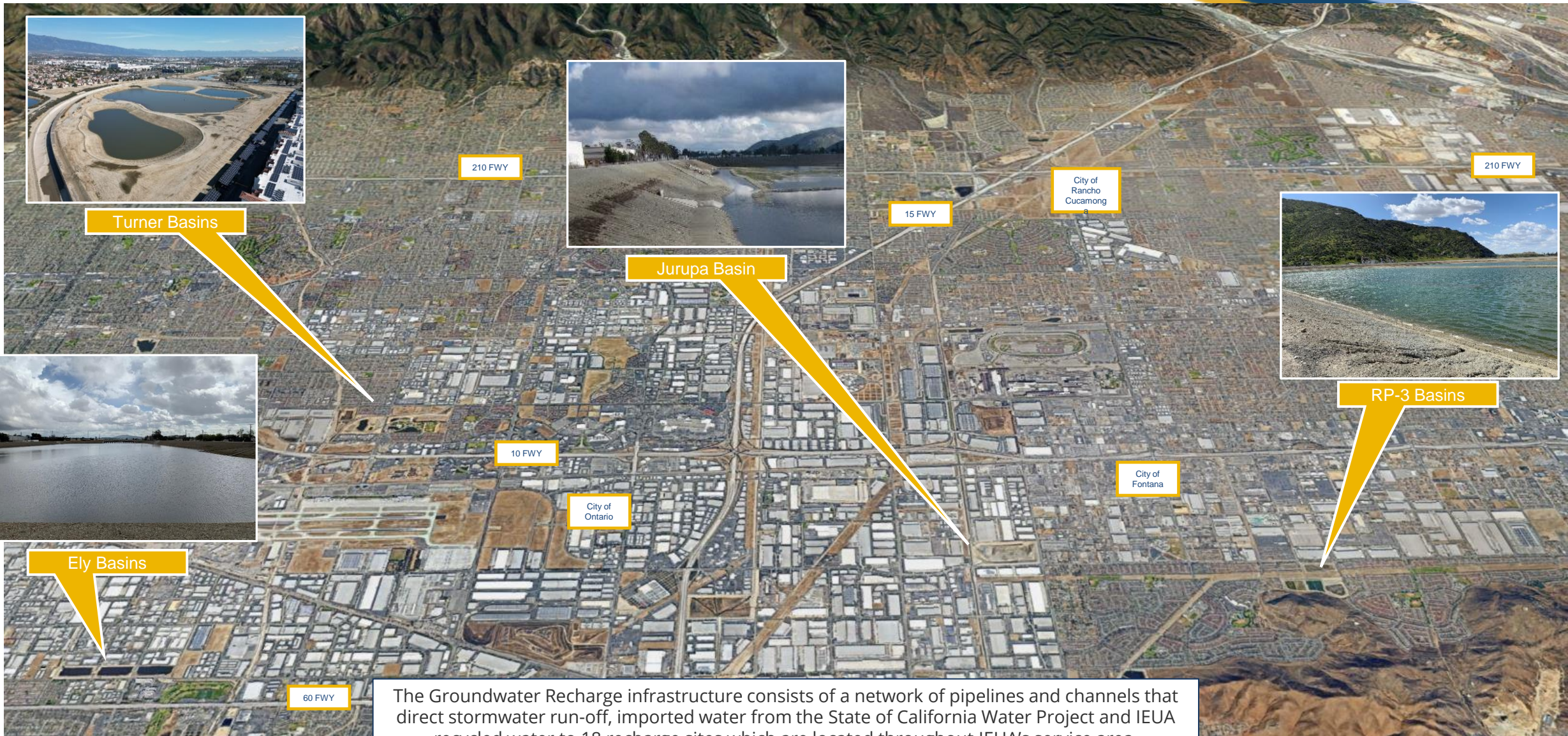
Recharge Basin Cleanup of Illegal Dumping Project Fiscal Year 2022/23 and Total Project Budget Augmentation Project No. EN21057

Joel Ignacio, PE

Senior Engineer

May 2023

Project Overview/Location



Project Goals/Scope

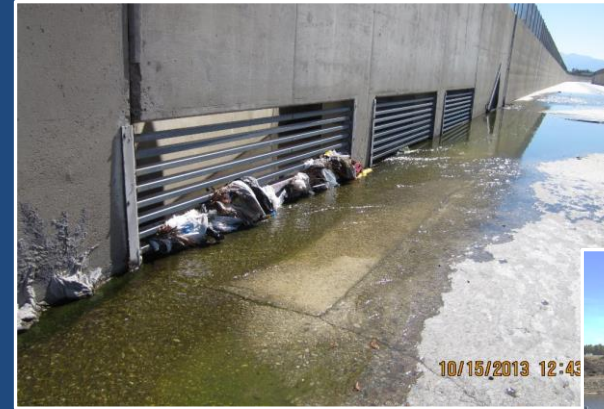
- Goal: Reduce the amount of litter entering the recharge basins
- Scope: Add netting, booms, and screens to divert and collect litter. Place signage to increase public awareness.



Completed Trash Nets at RP-3



Trash Boom Tested at Jurupa Basin



Trash at Turner 1



Trash at Ely 3



Trash at Ely 1

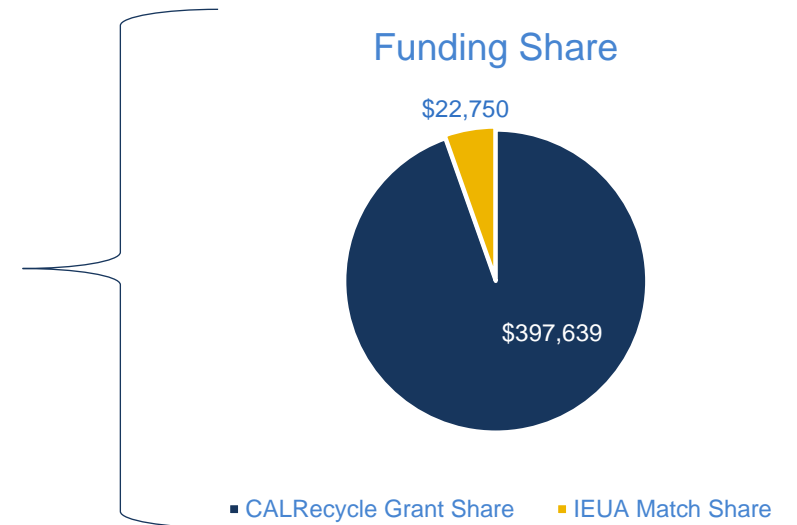


Trash at RP-3

Project Budget and Schedule

Description	Cost
RP-3 Trash Nets	\$88,221
Contract Amount	\$69,000
Change Orders (4)	\$19,221
Ely Basin 3 Trash Screen	\$53,163
Contract Amount	\$48,330
Contingencies (10%)	\$4,833
Turner Basin 1 & 8 Grate Modification	\$47,850
Contract Amount	\$43,500
Contingencies (10%)	\$4,350
Jurupa/Ely 1 Basin Trash Boom Installation	\$71,500
Contract Amount	\$65,000
Contingencies (10%)	\$6,500
IEUA Support Services/Materials	\$136,905
Support Staff/Inspectors	\$107,699
Materials/Equipment/Contingencies	\$29,206
Permitting Fees & Clean-Up/Signage (IEUA Match Share)	\$22,750
Basin Permits	\$17,000
Manual Trash Removal and Signage	\$5,750
Total Project Cost	\$420,389
Current Total Project Budget	\$247,919
Current Fiscal Year 2022/23 Budget	\$212,450
Current Fiscal Year 2023/24 Budget	\$145,898
Augment Total Project Budget (70% Increase)	\$420,389
Augment Fiscal Year 2022/23 Budget (14% Increase)	\$242,450

Project Milestone	Date
Complete Project	November 2023



Staff's Recommendation

1. Approve a total project budget augmentation for Project No. EN21057 in the amount of \$172,470.15, from \$247,918.85 to \$420,389.00 in the Recharge Water (10300) Fund;
2. Approve a FY 2022/23 project budget augmentation for No. EN21057, in the amount of \$30,000, from \$212,450.40 to \$242,450.40 (14% increase); and
3. Authorize the General Manager to approve the budget augmentation.

The Project is consistent with **IEUA's Business Goal of Water Reliability**, specifically the Groundwater Recharge objective that IEUA will maximize groundwater recharge projects in the region through strategic, cost-effective partnerships, and development.

**ACTION
ITEM
2A**

Date: May 17, 2023

To: The Honorable Board of Directors

Committee: Finance & Administration

SSD
From: Shivaji Deshmukh, General Manager

05/10/23

Staff Contact: Christiana Daisy, Deputy General Manager

Subject: RP-1 Digester 6 and 7 Rehabilitation and Roof Repairs Construction Contract Award

Executive Summary:

To maintain the efficiency and reliability of the digestion process at the Regional Water Recycling Plant No. 1 (RP-1), the digesters need to be cleaned and maintained every 7-10 years to remove solids, debris, and deposits collected in the tank and piping system. Digesters 6 and 7 were part of a two-phase project for repair and rehabilitation. Phase 1 completed the majority of Digester 6 work in late 2021. The project is currently in Phase 2 for Digester 7 work and follow-up improvements on Digester 6. The scope includes the replacement of the sludge recirculation pumps and the repair of Digester 6 and 7 roofs. The scope also includes Digester 7 rehabilitation of the internal concrete surfaces and coating and replacement/improvement of interior and exterior mechanical piping systems. On February 16, 2023, Inland Empire Utilities Agency (IEUA) issued an invitation for bids to three pre-qualified contractors. On April 6, 2023, IEUA received three construction bids. Innovative Construction Solutions was the lowest, responsive, and responsible bidder, with the bid price of \$4,930,500; the engineer estimate was \$3,540,000. The construction contract award was unanimously recommended for IEUA Board approval by the Regional Technical and Policy Committees on April 27, 2023, and May 4, 2023. Staff also requests a total project budget augmentation in the amount of \$3,417,318, increasing the budget from \$9,032,843 to \$12,450,161 (38% increase) in the RO (10800) Fund.

Staff's Recommendation:

1. Award a construction contract for the RP-1 Digester 6 and 7 Roof Repairs and Rehabilitation, Project No. EN17042, to Innovative Construction Solutions., in the amount of \$4,930,500;
2. Approve a total project budget augmentation in the amount of \$3,417,318 to Project No. EN17042 increasing the budget from \$9,032,843 to \$12,450,161 in the Regional Operations and Maintenance (10800) Fund; and
3. Authorize the General Manager to execute the contract and budget augmentation, subject to non-substantive changes.

Budget Impact Budgeted (Y/N): N Amendment (Y/N): Y Amount for Requested Approval: \$ 3,417,318

Account/Project Name:

EN17042/Digester 6 and 7 Roof Repairs and Rehabilitation

Fiscal Impact (explain if not budgeted):

If approved, a total project budget augmentation in the amount of \$3,417,318 will increase the RP-1 Digester 6 and 7 Roof Repairs, Project No. EN17042, budget from \$9,032,843 to \$12,450,161 in the Regional Wastewater Operations and Maintenance (10800) Fund. The funding sources for the project include: sewer rates, property taxes, and capital replacement reserves.

Prior Board Action:

August 21, 2019: Change Order to WA Rasic in the amount of \$160,000.

November 21, 2018: Construction contract award to WA Rasic in the amount of \$1,788,000 and award to GHD Contract amendment for \$69,627.

May 23, 2018: Contract amendment award to GHD Inc., in the amount of \$167,609.

April 19, 2017: Contract award to Synagro in the amount of \$1,750,200.

June 21, 2017: Consultant Contract award to GHD Inc., in the amount of \$130,406.

Environmental Determination:**Categorical Exemption**

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been determined not to have significant impact on the environment. This project qualifies for a Categorical Exemption Class 1 as defined in Section 15301(d) (f) of the State CEQA Guidelines.

Business Goal:

The RP-1 Digester 6 and 7 Repairs and Rehabilitation Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Asset Management and Water Quality objectives that IEUA will ensure that systems are well maintained, upgraded to meet evolving requirements, sustainability managed, and can accommodate changes in regional water use to protect public health, the environment, and meet anticipated regulatory requirements.

Attachments:

Attachment 1 - PowerPoint

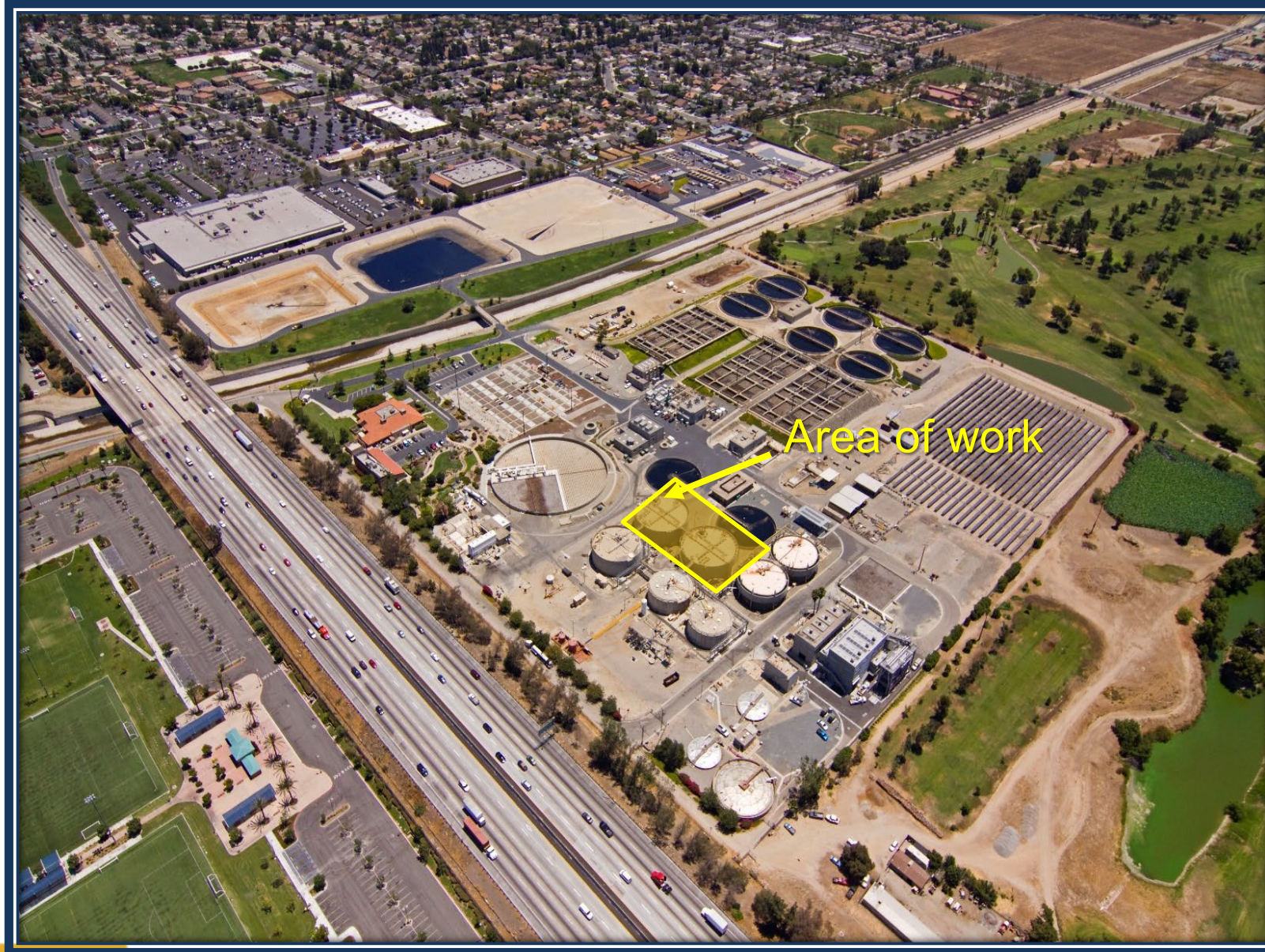
Attachment 2 - Construction Contract

Attachment 1

RP-1 Digesters 6 and 7 Rehabilitation and Roof Repairs Construction Contract Award Project No. EN17042

Christian Gomez
Associate Engineer
May 2023

Location



Background

Asset Condition

- Digesters originally constructed in 1988
- Multiple roof cracks and deteriorated roof foam insulation
- Failure of internal protective coating
- Aging of mechanical piping system

Phase 1 (Digester 6)

- Design Completed in 2019
- Construction completed in 2021

Phase 2 (Digester 7)

- Design was completed January 2023.



Digester 7 Interior



Digester 7 Roof Foam Cracks

Scope

Digesters 6

Replace/rehab:

- Roof foam insulation with more reliable coating system
- Sludge recirculation pump

Digester 7

Replace/rehab:

- Roof foam insulation with coating consistent with Digester 6
- Sludge recirculation pump
- Corroded interior and exterior mechanical piping
- Interior coating and concrete repair
- Existing manways and gas mixing system



Digester 7 Interior Piping



Existing Sludge
Recirculation Pump

Contractor Selection

- Pre-Qualified three Contractors on July 28, 2022
- PlanetBids solicitation posted on February 16, 2023
—50 calendar days (37 worked days)
- Three bids were received on April 6, 2023
- Innovative Construction Solutions was the lowest, responsive, responsible bidder

Bidder's Name	Bid Amount
Innovative Construction Solutions	\$4,930,500
GSE Construction Company Inc.	\$5,737,500
W.A. Rasic Construction Company, Inc.	\$5,992,405
Engineer's Estimate	\$3,540,000

Project Budget and Schedule

Description	Estimated Cost
Design Services (Actual)	\$972,627
Consultant Design Services (Dig 6. & 7)	\$471,019
IEUA Design Services (Dig 6. & 7)	\$501,608
Construction Services	\$1,861,541
IEUA & Consultant Engineering Services During Construction Dig. 6 (Actual)	\$881,341
Consultant Engineering Services During Construction Dig. 7	\$240,700
IEUA Construction Services Dig. 7 (~15%)	\$739,500
Construction	\$9,615,993
Construction Digester 6	\$3,945,993
Construction Digester 7 (this action)	\$4,930,500
Contingency (~15%)	\$739,500
Total Project Cost	\$12,450,161
Total Project Budget	\$9,032,843
Total Budget Augmentation Request (this action)	\$3,417,318
Revised Total Project Budget	\$12,450,161

Project Milestone	Date
Construction	
Construction Contract Award	May 2023
Construction Completion	December 2024

Staff's Recommendation

1. Award a construction contract for the RP-1 Digester 6 and 7 Roof Repairs and Rehabilitation, Project No. EN17042, to Innovative Construction Solutions., in the amount of \$4,930,500;
2. Approve a total project budget augmentation in the amount of \$3,417,318 to Project No. EN17042 increasing the budget from \$9,032,843 to \$12,450,161 in the Regional Operations and Maintenance (10800) Fund; and
3. Authorize the General Manager to execute the contract and budget augmentation, subject to non-substantive changes.

The RP-1 Digester 6 & 7 Rehabilitation and Roof Repairs Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Asset Management and Water Quality objectives that IEUA will ensure that systems are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use to protect public health, the environment, and meet anticipated regulatory requirements.

Attachment 2

SECTION D - CONTRACT AND RELEVANT DOCUMENTS

1.0 CONTRACT

THIS CONTRACT, made and entered into this 17 day of May, 2023, by and between Innovative Construction Solutions, hereinafter referred to as "CONTRACTOR," and The Inland Empire Utilities Agency, a Municipal Water District, located in San Bernardino County, California, hereinafter referred to as "IEUA".

WITNESSETH:

That for and in consideration of the promises and agreements hereinafter made and exchanged, IEUA and the CONTRACTOR agree as follows:

- A.** CONTRACTOR agrees to perform and complete in a workmanlike manner, all Work required under these Bid Documents FOR the construction of Regional Plant No. 1 (RP-1) Digester 6 and 7 Roof Repairs and Rehabilitation, in accordance with the Bid Documents, and to furnish at their own expense, all labor, materials, equipment, tools, and services necessary, except such materials, equipment, and services as may be stipulated in said Bid Documents to be furnished by IEUA, and to do everything required by this Contract and the said Bid Documents.
- B.** For furnishing all said labor, materials, equipment, tools, and services, furnishing and removing all plant, temporary structures, tools and equipment, and doing everything required by this Contract and said Bid Documents; also for all loss and damage arising out of the nature of the Work aforesaid, or from the action of the elements, or from any unforeseen difficulties which may arise during the prosecution of the Work until its acceptance by IEUA, and for all risks of every description connected with the Work; also for all expenses resulting from the suspension or discontinuance of Work, except as in the said Bid Documents are expressly stipulated to be borne by IEUA; and for completing the Work in accordance with the requirements of said Bid Documents, IEUA will pay and said CONTRACTOR shall receive, in full compensation therefore, the price(s) set forth in this Contract.
- C.** That IEUA will pay the CONTRACTOR progress payments and the final payment, in accordance with the provisions of the Contract Documents, with warrants drawn on the appropriate fund or funds as required, at the prices bid in the Bidding and Contract Requirements, Section C - Bid Forms and accepted by IEUA, and set forth in this below.

Total Bid Price \$ Four million, nine hundred thirty thousand and five hundred
Dollars.

and _____ Cents.

- D.** IEUA hereby employs the CONTRACTOR to perform the Work according to the terms of this Contract for the above-mentioned price(s), and agrees to pay the same at the time, in the manner, and upon the conditions stipulated in the said Bid Documents; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.
- E.** The Notice Inviting Bids, Instructions to Bidders, Bid Forms, Information Required of Bidder, Performance Bond, Payment Bond, Contractor's License Declaration, Specifications, Drawings, all General Conditions Special Conditions and all Project Requirements, and all Addenda issued by IEUA with respect to the foregoing prior to the opening of bids, are hereby incorporated in and made part of this Contract, as if fully set forth.
- F.** The CONTRACTOR agrees to commence Work under this Contract on or before the date to be specified in a written "Notice To Proceed" and to complete said Work to the satisfaction of IEUA 550 calendar days after Award of the Contract. All Work shall be completed before final payment is made.
- G.** Time is of the essence on this Contract.
- H.** CONTRACTOR agrees that in case the Work is not completed before or upon the expiration of the Contract Time, damage will be sustained by IEUA, and that it is and will be impracticable to determine the actual damage which IEUA will sustain in the event and by reason of such delay, and it is therefore agreed that the CONTRACTOR shall pay to IEUA the amounts as set forth in General Conditions, Section C – Changes to the Contract for each day of delay, which shall be the period between the expiration of the Contract Time and the date of final acceptance by IEUA, as liquidated damages and not as a penalty. It is further agreed that the amount stipulated for liquidated damages per day of delay is a reasonable estimate of the damages that would be sustained by IEUA, and the CONTRACTOR agrees to pay such liquidated damages as herein provided. In case the liquidated damages are not paid, the CONTRACTOR agrees that IEUA may deduct the amount thereof from any money due or that may become due to the CONTRACTOR by progress payments or otherwise under the Contract, or if said amount is not sufficient, recover the total amount.
- I.** In addition to the liquidated damages, which may be imposed if the CONTRACTOR fails to complete the Work within the time agreed upon, IEUA may also deduct from any sums due or to become due to the CONTRACTOR, penalties and fines for violations of applicable local, state, and federal law.
- J.** That the CONTRACTOR shall carry Workers' Compensation Insurance and require all subcontractors to carry Workers' Compensation Insurance as required by the California Labor Code.
- K.** That the CONTRACTOR shall have furnished, prior to execution of the Contract,

two bonds approved by IEUA, one in the amount of one hundred (100) percent of the Contract Price, to guarantee the faithful performance of the Work, and one in the amount of one hundred (100) percent of the Contract Price to guarantee payment of all claims for labor and materials furnished.

- L.** The CONTRACTOR hereby agrees to protect, defend, indemnify and hold IEUA and its employees, Engineer, agents, officers, directors, servants and volunteers free and harmless from any and all liability, claims, judgments, costs and demands, including demands arising from injuries or death of persons (including employees of IEUA and the CONTRACTOR) and damage to property, arising directly or indirectly out of the obligation herein undertaken or out of the operations conducted by the CONTRACTOR, its employees agents, representatives or subcontractors under or in connection with this Contract to the fullest extent permitted by law.

The CONTRACTOR further agrees to investigate, handle, respond to, provide defense for and defend any such claims, demands or suit at the sole expense of the CONTRACTOR.

IN WITNESS WHEREOF, The CONTRACTOR and the General Manager of Inland Empire Utilities Agency*, thereunto duly authorized, have caused the names of said parties to be affixed hereto, each in duplicate, the day and year first above written.

- M.** The CONTRACTOR, by signing the contract does swear under penalty of perjury that no more than one final unappeasable finding of contempt of court by a Federal court has been issued against the CONTRACTOR within the immediately preceding two year period because of the CONTRACTOR's failure to comply with an order of a Federal court which orders the CONTRACTOR to comply with an order of the National Labor Relations Board (Public Contract Code 10296).

Inland Empire Utilities Agency*,
San Bernardino County, California.

CONTRACTOR

By _____
General Manager

By _____

Title

* *A Municipal Water District*

**ACTION
ITEM
2B**

Date: May 17, 2023

To: The Honorable Board of Directors

Committee: Finance & Administration

SSD
From: Shivaji Deshmukh, General Manager

05/10/23

Executive Contact: Christiana Daisy, Deputy General Manager

Subject: RP-1 SCADA Migration Project Construction Contract Award

Executive Summary:

The Regional Plant No. 1 (RP-1) Supervisory Control and Data Acquisition (SCADA) Migration Project will replace Inland Empire Utilities Agency's (IEUA) obsolete SCADA system with newer distributed control system technology. The final design for the project was completed in November 2022.

On November 23, 2022, IEUA issued an invitation for bids to four pre-qualified contractors. On March 14, 2023, IEUA received three construction bids. CDM Constructors Inc., was deemed the lowest, responsive, responsible bidder with a bid price of \$9,695,500; the engineer estimate was \$10,000,000. The construction contract award was unanimously recommended for IEUA Board approval by the Regional Technical and Policy Committees on April 27, 2023, and May 4, 2023.

For continuity, staff requests the existing contract with the design consultant Eramosa International Inc. be amended by \$669,717 to provide engineering services during construction, increasing the contract from \$3,911,388 to \$4,581,105 (17%).

Staff also requests a total project budget augmentation in the amount of \$6,882,945 increasing the budget from \$31,117,055 to \$38,000,000 (22%) in the RO (10800) Fund.

Staff's Recommendation:

1. Award the construction contract for the RP-1 SCADA Migration, Project No. EN13016.05, to CDM Constructors Inc., in the amount of \$9,695,500;
2. Approve the contract amendment for engineering services during construction of the RP-1 SCADA Migration, Project No. EN13016.05, to Eramosa International Inc., for a not-to-exceed amount of \$669,717, increasing the contract to \$4,581,105 (17% increase);
3. Approve a total project budget augmentation in the amount of \$6,882,945 to Project No. EN13016, increasing the budget from \$31,117,055 to \$38,000,000 in the RO Fund (22% increase); and
4. Authorize the General Manager to execute the contract, amendment, and budget augmentation, subject to non-substantive changes.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* Y *Amount for Requested Approval:* \$ 6,882,945

Account/Project Name:

EN13016.05/RP-1 SCADA Migration Project

Fiscal Impact (explain if not budgeted):

If approved, a total project budget augmentation in the amount of \$6,882,945 will increase the RP-1 SCADA Migration, Project No. EN13016.05, budget from \$31,117,055 to \$38,000,000 in the Regional Wastewater Operations and Maintenance (10800) Fund. The funding sources for the project include: sewer rates, property taxes, and capital replacement reserves.

Prior Board Action:

On 12-21-22: Authorized procurement of Cisco Network Components for the RP-1 SCADA Migration, for a not-to-exceed amount of \$189,853.

On 11-16-22: Authorized procurement of Rockwell Automation Equipment for the RP-1 SCADA Migration, for a not-to-exceed amount of \$1,891,100.

On 12-8-21: Approved design services contract amendment, for a net increase of \$119,300.

Environmental Determination:

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 2 as defined in Section 15302(c) of the State CEQA Guidelines.

Business Goal:

The RP-1 SCADA Migration Project is consistent with IEUA's Business Goal of Wastewater Management that ensures quality asset management and that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

Attachments:

Attachment 1 - PowerPoint Presentation

Attachment 2 - Construction Contract

Attachment 3 - Consultant Amendment

Attachment 1

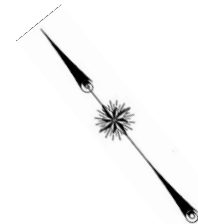
RP-1 SCADA Migration Project Construction Contract Award

Project No. EN13016.05

Pierre Cayatte, PE
Senior Engineer
May 2023

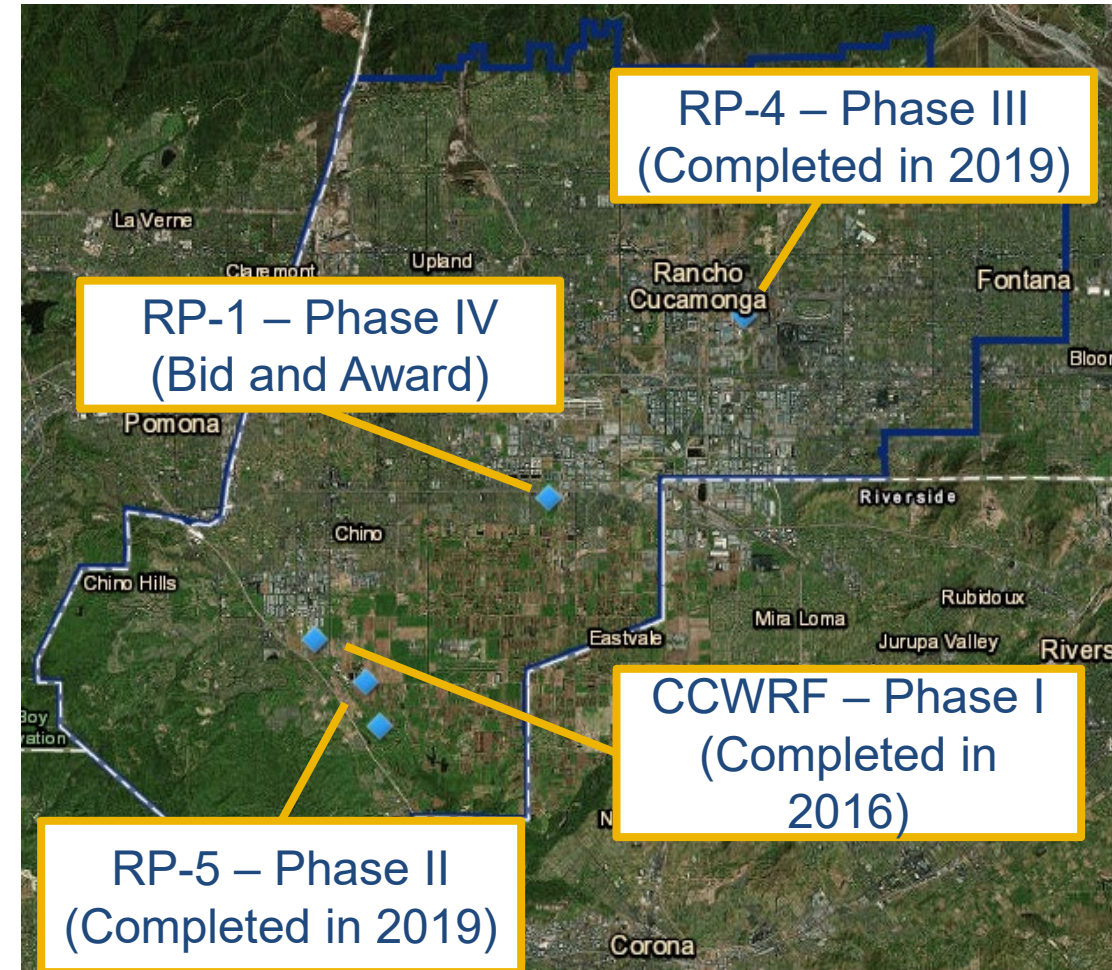
Project Location

Regional Water Recycling Plant No. 1 (RP-1)



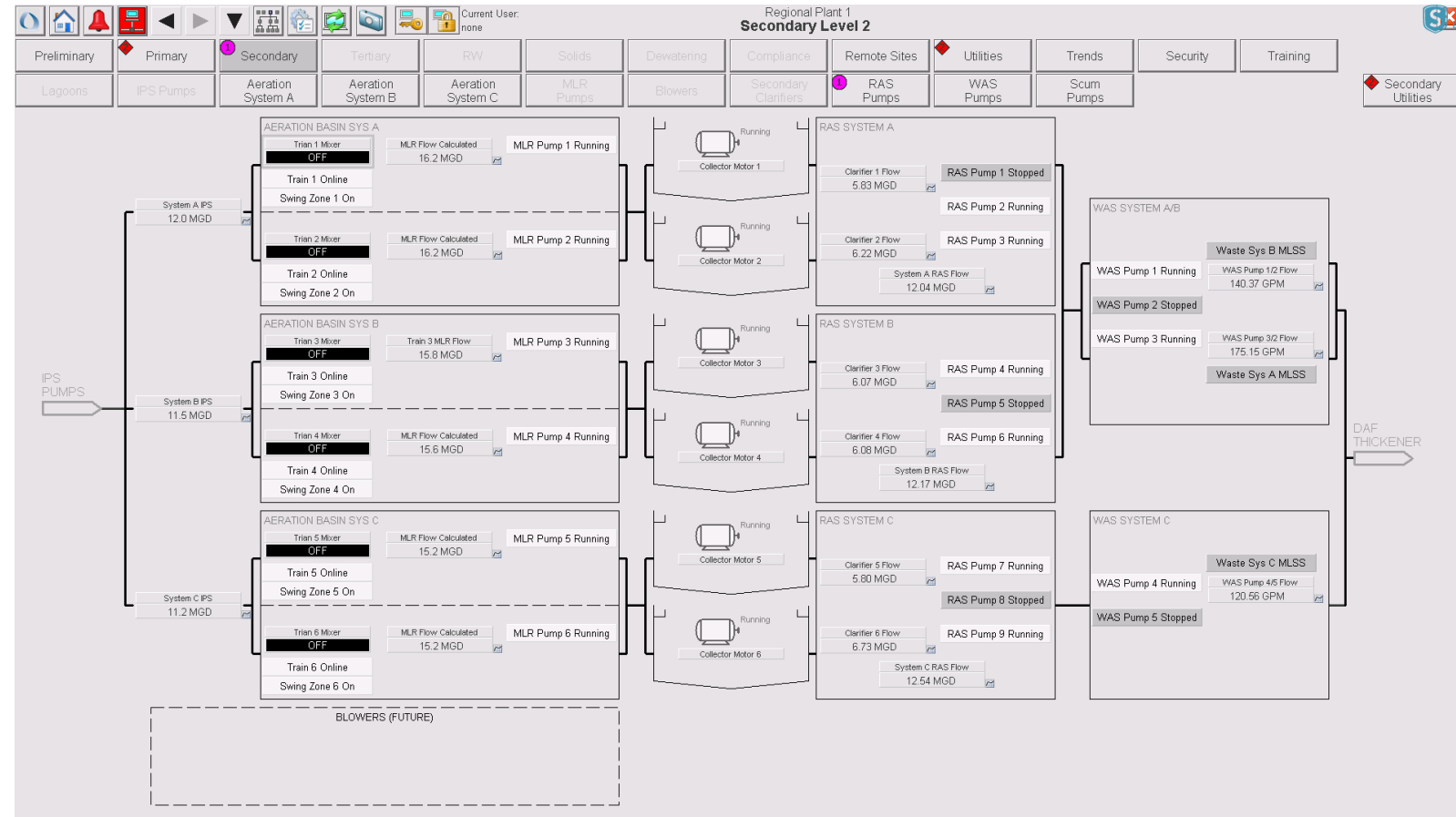
Background

- SCADA Master Plan adopted in 2012
- Carbon Canyon, RP-4, and RP-5 migrated to new SCADA system
- RP-1 last treatment plant to be migrated
—Design completed in November 2022



Supervisory Control And Data Acquisition (SCADA)

- Real-time data transfer to processors
- Data disseminated to servers and computers
- Plant Monitoring via screens
- Process notification and alarm management



Project Scope

- Upgrades to existing control and server rooms
- Upgrades to existing control panels
- New Human Machine Interface (HMI) hardware and software
- Replacement of most of the existing RP-1 fiber network
- Programming services provided by Technical Systems, Inc. (TSI)



Main Control Building Server Room



Human Machine Interface (HMI)

Contractor Selection

- Pre-Qualified four contractors on July 26, 2022
- PlanetBids solicitation posted on November 23, 2022
—111 calendar days (73 worked days)
- Three bids were received on March 14, 2023
- CDM Constructors was the lowest, responsive, and responsible bidder

Bidder's Name	Bid Amount
CDM Constructors, Inc.	\$9,695,500.00
Technical Systems Inc.	\$11,661,000.00
LEED Electric Inc.	\$13,313,000.00
Engineer's Estimate	\$10,000,000.00

Project Budget and Schedule

Description	Cost
Design Services	\$4,183,510
Design Consultant Contract (actuals)	\$2,547,987
IEUA Design Services (actuals)	\$1,303,883
Arcadis U.S. Inc. (RP-1 Control Schematics)	\$239,940
SCADA Programming Services – PCN Review	\$91,700
Construction Services	\$5,692,901
Engineering Services During Construction – (this action)	\$669,717
IEUA Construction Services (10%)	\$1,223,184
SCADA Programming Services – Integration - TSI	\$3,800,000
Construction	\$13,120,075
Construction Contract (this action)	\$9,695,500
Rockwell Pre-Purchased Parts	\$1,891,100
Cisco Pre-Purchased Parts	\$189,853
Tertiary Building Water Piping Upgrades	\$150,888
Contingency (~10%)	\$1,192,734
Total Project Cost (this Project):	\$22,996,486
Total Project Cost (CCWRF, RP-4, and RP-5)	\$14,952,890
Total Project Cost (All)	\$37,949,376
Total Project Budget:	\$31,117,055
Budget Augmentation (this action):	\$6,882,945
Proposed Total Project Budget:	\$38,000,000

Project Milestone	Date
Design	
Design Completion	November 2022
Construction (Estimated)	
Construction Contract Award	May 2023
Construction Completion	June 2026

Staff's Recommendation

1. Award the construction contract for the RP-1 SCADA Migration, Project No. EN13016.05, to CDM Constructors Inc., in the amount of \$9,695,500;
2. Approve the contract amendment for engineering services during construction of the RP-1 SCADA Migration, Project No. EN13016.05, to Eramosa International Inc., for a not-to-exceed amount of \$669,717, increasing the contract to \$4,581,105 (17% increase);
3. Approve a total project budget augmentation in the amount of \$6,882,945 to Project No. EN13016, increasing the budget from \$31,117,055 to \$38,000,000 in the RO Fund (22% increase); and
4. Authorize the General Manager to execute the contract, amendment, and budget augmentation, subject to non-substantive changes.

The RP-1 SCADA Migration Project is consistent with **IEUA's Business Goal of Wastewater Management** that ensures quality asset management and that systems are planned, constructed, and managed to protect quality asset management and that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

Attachment 2

CONTRACT AGREEMENT FOR NUMBER: 4600003333
FOR
RP-1 SCADA MIGRATION PROJECT
EN13016.05

1.0 CONTRACT

THIS CONTRACT, made and entered into this 17th day of May, 2023, by and between CDM Constructors, Inc., hereinafter referred to as "CONTRACTOR," and The Inland Empire Utilities Agency, a Municipal Water District, located in San Bernardino County, California, hereinafter referred to as "IEUA".

WITNESSETH:

That for and in consideration of the promises and agreements hereinafter made and exchanged, IEUA and the CONTRACTOR agree as follows:

- A.** CONTRACTOR agrees to perform and complete in a workmanlike manner, all Work required under these Bid Documents FOR the RP-1 SCADA Migration, Project No.EN13016.05, in accordance with the Bid Documents, and to furnish at their own expense, all labor, materials, equipment, tools, and services necessary, except such materials, equipment, and services as may be stipulated in said Bid Documents to be furnished by IEUA, and to do everything required by this Contract and the said Bid Documents.
- B.** For furnishing all said labor, materials, equipment, tools, and services, furnishing and removing all plant, temporary structures, tools and equipment, and doing everything required by this Contract and said Bid Documents; also for all loss and damage arising out of the nature of the Work aforesaid, or from the action of the elements, or from any unforeseen difficulties which may arise during the prosecution of the Work until its acceptance by IEUA, and for all risks of every description connected with the Work; also for all expenses resulting from the suspension or discontinuance of Work, except as in the said Bid Documents are expressly stipulated to be borne by IEUA; and for completing the Work in accordance with the requirements of said Bid Documents, IEUA will pay and said CONTRACTOR shall receive, in full compensation therefore, the price(s) set forth in this Contract.
- C.** That IEUA will pay the CONTRACTOR progress payments and the final payment, in accordance with the provisions of the Contract Documents, with warrants drawn on the appropriate fund or funds as required, at the prices bid in the Bidding and Contract Requirements, Section C - Bid Forms and accepted by IEUA, and set forth in this below.

Total Bid Price: \$9,695,500.00 Nine Million Six Hundred Ninety-Five Thousand Five Hundred Dollars.

and Zero Cents.

- D. IEUA hereby employs the CONTRACTOR to perform the Work according to the terms of this Contract for the above-mentioned price(s), and agrees to pay the same at the time, in the manner, and upon the conditions stipulated in the said Bid Documents; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.
- E. The Notice Inviting Bids, Instructions to Bidders, Bid Forms, Information Required of Bidder, Performance Bond, Payment Bond, Contractor's License Declaration, Specifications, Drawings, all General Conditions, Special Conditions and all Project Requirements, and all Addenda issued by IEUA with respect to the foregoing prior to the opening of bids, are hereby incorporated in and made part of this Contract, as if fully set forth.
- F. The CONTRACTOR agrees to commence Work under this Contract on or before the date to be specified in a written "Notice To Proceed" and to complete said Work to the satisfaction of IEUA one thousand two hundred and forty (1240) calendar days after award of the Contract. All Work shall be completed before final payment is made.
- G. Time is of the essence on this Contract.
- H. CONTRACTOR agrees that in case the Work is not completed before or upon the expiration of the Contract Time, damage will be sustained by IEUA, and that it is and will be impracticable to determine the actual damage which IEUA will sustain in the event and by reason of such delay, and it is therefore agreed that the CONTRACTOR shall pay to IEUA the amounts as set forth in General Conditions, Section C – Changes to the Contract for each day of delay, which shall be the period between the expiration of the Contract Time and the date of final acceptance by IEUA, as liquidated damages and not as a penalty. It is further agreed that the amount stipulated for liquidated damages per day of delay is a reasonable estimate of the damages that would be sustained by IEUA, and the CONTRACTOR agrees to pay such liquidated damages as herein provided. In case the liquidated damages are not paid, the CONTRACTOR agrees that IEUA may deduct the amount thereof from any money due or that may become due to the CONTRACTOR by progress payments or otherwise under the Contract, or if said amount is not sufficient, recover the total amount.

- I. In addition to the liquidated damages, which may be imposed if the CONTRACTOR fails to complete the Work within the time agreed upon, IEUA may also deduct from any sums due or to become due to the CONTRACTOR, penalties, and fines for violations of applicable local, state, and federal law.
- J. That the CONTRACTOR shall carry Workers' Compensation Insurance and require all subcontractors to carry Workers' Compensation Insurance as required by the California Labor Code.
- K. That the CONTRACTOR shall have furnished, prior to execution of the Contract, two bonds approved by IEUA, one in the amount of one hundred (100) percent of the Contract Price, to guarantee the faithful performance of the Work, and one in the amount of one hundred (100) percent of the Contract Price to guarantee payment of all claims for labor and materials furnished.
- L. The CONTRACTOR hereby agrees to protect, defend, indemnify and hold IEUA and its employees, Engineer, agents, officers, directors, servants and volunteers free and harmless from any and all liability, claims, judgments, costs and demands, including demands arising from injuries or death of persons (including employees of IEUA and the CONTRACTOR) and damage to property, arising directly or indirectly out of the obligation herein undertaken or out of the operations conducted by the CONTRACTOR, its employees agents, representatives or subcontractors under or in connection with this Contract to the fullest extent permitted by law.

The CONTRACTOR further agrees to investigate, handle, respond to, provide defense for, and defend any such claims, demands or suit at the sole expense of the CONTRACTOR.

IN WITNESS WHEREOF, The CONTRACTOR and the General Manager of Inland Empire Utilities Agency*, thereunto duly authorized, have caused the names of said parties to be affixed hereto, each in duplicate, the day and year first above written.

- M. The CONTRACTOR, by signing the contract does swear under penalty of perjury that no more than one final unappeasable finding of contempt of court by a Federal court has been issued against the CONTRACTOR within the immediately preceding two-year period because of the CONTRACTOR's failure to comply with an order of a Federal court which orders the CONTRACTOR to comply with an order of the National Labor Relations Board (Public Contract Code 10296).

Inland Empire Utilities Agency*,
San Bernardino County, California.

By _____

General Manager
Shivaji Deshmukh

CONTRACTOR

By _____

Thomas Visosky
Senior Vice President

** A Municipal Water District*

Attachment 3



CONTRACT AMENDMENT NUMBER: 4600002939-007

FOR

SCADA ENTERPRISE SYSTEM CONSULTING

THIS CONTRACT AMENDMENT SEVEN is made and entered into this ____ day of _____, 2023, by and between the Inland Empire Utilities Agency, a Municipal Water District, organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (hereinafter interchangeably referred to as "IEUA" and "Agency") and Eramosa International Inc., with offices in Overland Park, Kansas and Guelph, Ontario, Province of Canada (hereinafter referred to as "Consultant"), for designing and implementing the SCADA Enterprise Project No. EN13016 and all germane Subprojects as previously exercised on assigned novation Contract Amendment 4600002438-002, and shall revise the Contract as herein amended:

SECTION FOUR, SCOPE OF WORK AND SERVICES, ADDS THE FOLLOWING

PARAGRAPH: Consultant's additional services and responsibilities shall be in accordance with Consultant's proposal dated March 16, 2023 which is attached hereto, referenced herein, and made a part hereof as **Exhibit G**.

SECTION FIVE, TERM, ADDS THE FOLLOWING PARAGRAPH: The Term of this Contract shall extend from the date of the Notice to Proceed and terminate on June 30, 2026, unless otherwise agreed to by both parties, reduced to writing, and amended to this contract.

SECTION SIX, COMPENSATION, ADDS THE FOLLOWING PARAGRAPH: As compensation for the additional work performed under this Contract Amendment Number -007 and in accordance with **Exhibit G**, Agency shall pay Consultant a **NOT-TO-EXCEED maximum of \$2,448,756.81, reflecting an increase of \$669,717.00.**

Balance of this Contract remains in full force and effect.

WITNESSETH, that the parties hereto have mutually covenanted and agreed as per the above amendment items, and in doing so have caused this document to become incorporated into the Contract documents.

**INLAND EMPIRE UTILITIES AGENCY:
(A Municipal Water District)**

ERAMOSA INTERNATIONAL, INC.:

Shivaji Deshmukh
General Manager

(Date)

Nick Hallas
President

(Date)

DocuSigned by:
Nick Hallas 4/19/2023
66B61727C0F7489...

Exhibit G



INLAND EMPIRE UTILITIES AGENCY

RP-1 Engineering Support During Construction (EN13016.05)

Date of Submission: 3/16/2023

Eramosa International Inc.,

9393 W. 110th St.,
Ste. 500, PMB #5605
Overland Park, KS 66210
Phone: 913.945.1566

Contact:

Jeffrey Montano, P.E., P.Eng.
Jeffrey.Montano@eramosa.com
www.eramosa.com



www.eramosa.com

GUELPH · CALGARY · TORONTO · LONDON · OVERLAND PARK (KS)

RP-1 Engineering Support during Construction | 2023

COVER LETTER

Eramosa International Inc. is pleased to provide to the **Inland Empire Utilities Agency (IEUA)** a Proposal for services of a qualified company to provide engineering support during construction for the RP-1 SCADA Migration project for IEUA.

We understand IEUA's goals of upgrading their SCADA and controls systems with a standardized, well-documented, centralized, and sustainable system which will provide enhanced reliability and improved operations, as well as simpler troubleshooting. We are familiar with and have used the Engineering Design Guidelines and your SCADA standards requirements and will follow these documents for SCADA projects.

We have assembled a team of **California-based professionals** led by **Eramosa Project Manager Jeffrey Montano**, to collaboratively provide the high-quality services necessary to meet IEUA's expectations. We will also draw upon additional subject matter expertise as needed.

Jeffrey Montano (Jeffrey.Montano@eramosa.com, 916-524-9007) will be the point of contact for future communication during your selection process. We will be pleased to discuss any aspect of our submittal with you and look forward to working with the Agency on this important project.

Yours truly,
ERAMOSA INTERNATIONAL INC.

Jeff Burton, PE
Vice President
Jeff.Burton@eramosa.com
www.eramosa.com

RP-1 Engineering Support during Construction

2023

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1.0 COMPANY BACKGROUND

Eramosa has been delivering projects covering all aspects of SCADA and automation since inception in 1998. Eramosa has become familiar with the needs of IEUA throughout the SCADA Migration project, including documentation and instrumentation standards. Our firm profile is provided below.



Eramosa Company Profile

Eramosa International Inc. was incorporated in 2010 as a sister company of Eramosa Engineering Inc., a recognized leader in providing specialized engineering services to the municipal water and wastewater sector across Canada and the United States since 1998, to focus specifically on US clients. Our combined average annual revenues exceed \$13M and we continue to target and realize 10-12% annual growth.

Eramosa seamlessly provides professional engineering services to assist our clients in meeting their business requirements through the customized application of appropriate technologies. Our business is driven from our corporate office in Overland Park, KS, drawing from a staff of over 90 professionals in California, Kansas, Calgary, Alberta, and Guelph, London, and Toronto, Ontario.

Eramosa provides the full spectrum of vendor agnostic SCADA system services, from planning to implementation to support. We leverage all industry standards and best practices, and often help develop them through our organizational memberships and committee engagements. We maintain our cutting-edge expertise through continued training and project execution, demonstrated by a multitude of vendor certifications. Our SCADA and automation service offerings include:

- Assessments and Master Planning
- Process Standardization and Documentation
- Instrumentation & Control Design
- Electrical Engineering Design
- Conceptual and Detailed Network Design and Configuration (IT, OT, Enterprise)
- Cybersecurity Assessment and Planning
- Software Engineering, Programming, and Integration (SCADA, HMI, PLC/PAC/RTU)
- Data Management and Visualization
- 24/7 Telephone Support
- On-request Emergency Support

We invite you to visit our website at <http://www.erasosa.com> for more information about our firm.

RP-1 Engineering Support during Construction | 2023

2.0 PROJECT OVERVIEW AND APPROACH

Eramosa has been engaged with the Agency supporting its SCADA needs since our first engagement when we were Westin, dating back to the 2013 SCADA Master Plan. Eramosa's most current engagement developed a SCADA Migration design for RP-1 by developing a full suite of Process Control Narratives (PCN). The PCN effort took several years of weekly meetings with operations to develop over 100 PCNs that are critical to clear and concise automation expectations. Since the 2013 engagement the Agency has been working to meet its SCADA Master Plan goals and nearing the last facility SCADA upgrade. This has been a long journey for the Agency lasting over generations of technologies, staff, funding, and doing so while managing risks. The last and final facility, Regional Water Recycling Plant #1 (RP-1) is on track for the last facility to finally remove Foxboro Distributed Control System (DCS) from the Agency's asset list. This will mark a SCADA milestone for the Agency on its journey to establish a standardized SCADA system that is in alignment with the 2013 Master Plan objectives.

The next phase for RP-1 SCADA Migration project is construction and installation. This will cover the submittals, panel fabrication and site construction work. Eramosa will provide remote engineering support during construction, utilizing Teams viewer, the extensive site knowledge, and the extensive library of documents the Eramosa engineering team has built over the SCADA Migration project. Eramosa will be available for site visits as needed to supplement this remote support effort. Eramosa will also cover managing previously developed Eramosa documentation throughout the construction phase to ensure that at the end of the project a complete and accurate documentation set will be available for IEUA which will ease future maintenance and future upgrade projects.

Basis for Level of Effort

The following prescribed support tasks that Eramosa recommends during construction. For SCADA projects panel submittals and fabrication are critical for project success. Any changes to the design drawings will be approved and recorded by Eramosa to ensure continued success throughout the construction phase. The uncertain nature of construction in an existing and running facility requires budget flexibility to fully support the project. Eramosa will perform the Engineering Support during Construction of the RP-1 SCADA Migration project on a Time and Material Basis with an initial estimate based on a few project metrics. The follow is the basis for Eramosa's level of effort support budget:

- 35 new control panels
- 35 modified existing control panels
- 4-year Contractor schedule
- Expected 2 re-submittals per required submittal
- List of Agency prescribed tasks for Engineering Support during Construction
- Weekly construction meeting
- Documentation updates throughout the construction phase

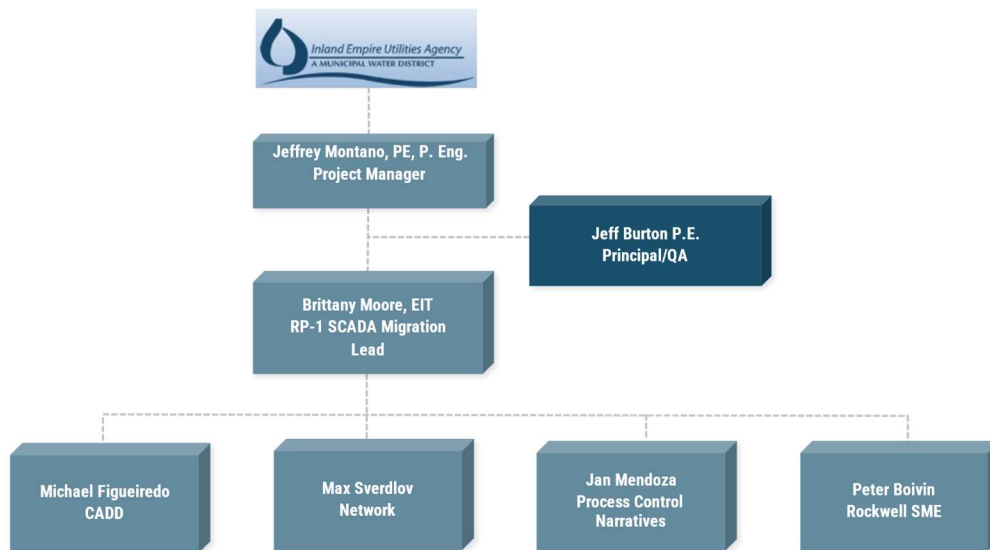
3.0 ENGINEERING SERVICES DURING CONSTRUCTION

Eramosa will provide Engineering Support during Construction of the RP-1 SCADA Migration project following the construction schedule in Schedule 6.0 section below. Anticipated and typical support tasks by the Agency are listed below:

- Attend a pre-construction conference.
- Conformed Plans and Specifications.
- Review and approve any modifications made to PCN's.
- Attend weekly Construction Progress Meetings.
- Inputs/Outputs list management
- Review Shop Drawings/Submittals.
- Provide Text and Drawings for Change Orders.
- Respond to Job-Site Questions from Construction Manager.
- Startup Protocol and Assistance with Integration of Constructed Facility.
- Attend 10 Workshops.
- Support Commissioning Roles and Responsibility Matrix – As outlined in the IEUA Engineering Design Guidelines.
- Documentation control and updates for Eramosa supplied documents during the design phase

4.0 PROJECT TEAM AND QUALIFICATIONS

We have assembled a team of experts and industry leaders in the planning, development, construction, of Electrical and SCADA and Control Systems specifically for the municipal water and wastewater industry. We have also identified specialists with a key focus around the main SCADA platforms selected by the Agency, namely being **Rockwell PlantPax**. Our team's organizational chart is shown below in Figure 1.



Key Personnel

- Jeffrey Montano – Project Manager
- Brittany Moore – RP-1 SCADA Migration Lead
- Jan Mendoza – Process Control Narratives
- Peter Boivin – Rockwell SME
- Max Sverdlov – Network
- Michael Figueiredo - CADD

We are committed to providing this proposed team for the duration of the project. Details regarding experience, qualifications, certifications, licenses, area of expertise and specialization are included in the respective resumes provided in Appendix A.

RP-1 Engineering Support during Construction | 2023

5.0 SCOPE OF WORK

This proposal is focused on the Engineering Support during Construction in support of the Agency. The Agency has a prescribed scope of services that are typical for Eramosa to provide Engineering Support during Construction for the RP-1 SCADA Migration project. Eramosa was the electrical engineer of record and has a vested role in the project. Areas of support are listed below:

5.1 CONSTRUCTION ASSISTANCE

Eramosa will provide engineering support during construction by providing the following tasks:

- Attend a pre-construction conference.
- Prepare conformed set of bid plans and specifications incorporating any changes made during the bid phase.
- Manage, track, review and approve modifications made to PCN's.
- Manage, track and maintain the Inputs and Output (I/O) listing in the Agency format spreadsheet for I/O list.
- Attend Weekly Construction Progress Meetings (Virtual and in person).
- Visit construction site and walk the job site to review progress and quality of the work.
- Discuss important areas and items, and to inspect issues arising from Requests for Information (RFI's) from the Contractor in preparation for responding to the RFI.
- Verify weekly construction schedules versus progress made in the field, and report on findings.
- Use IEUA's Capital Improvement Program Office (CIPO) software for all documentation.
- Review Shop Drawings/Submittals - Review shop drawings/submittals, catalog data and other materials that the Contractor is required to submit in accordance with IEUA's Standard Conditions.
- Provide Text and Drawings for Change Orders - Prepare text and drawings for change order documents as necessary. Engineer shall provide assistance during construction with cost estimates for RFDs and change orders in order to validate the quotes received from the Contractor.
- Respond to Job-Site Questions from Construction Manager by providing written answers to RFI(s) (Request for Information) including sketches and/or drawing revisions as appropriate.
- Discuss items by phone with Construction Manager to answer simple items or develop need and course of action on complex items.
- Provide written discussion of items and questions as requested by the Construction Manager.
- The Contactor submittals shall be verified against the requirements of the contract documents to ascertain contractor compliance.

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- Startup Protocol and Assistance with Integration of Constructed Facility by providing a written recommendation, including step by step instructions, to start up the constructed scope of work in the most effective manner that maximizes integration of the existing facility. Recommendation must specify impacts to other systems within the facility due to start up and continued operation of the constructed scope of work.
- Be present to witness and certify the proper start-up of the system.
- Attend workshop for start-up with Contractor for conducting a workshop detailing start-up requirements and procedures with the Contractor.
- Support Commissioning Roles and Responsibility Matrix following the IEUA Engineering Design Guidelines.
- Eramosa will use Agency provided spreadsheet to track project I/O changes.

5.2 POST CONSTRUCTION ASSISTANCE

Eramosa will provide Post Construction support by providing the following tasks:

- Capture “as-built” information to the contract plans to include digital versions which shall be submitted electronically to IEUA.
- Incorporate into the final as built the general Contractor’s monthly submission of the as built drawing(s) reflecting the permanently installed material and equipment.

Task 1 – Project Management and Meetings

Our Project Manager will continue to work in tandem with the Agency to drive for continuous, coordinated, and documented communication. Key project management tasks are as follows:

- Provide monthly written Status Report to the Agency’s Project Manager and submit with Invoice. Status Report to include progress made to date demonstrated by percent complete for the estimated tasks, staff involvement, risks and mitigation plans, costs to date, estimate to complete, schedule concerns. Monthly invoice shall be submitted in a format agreed upon by the Agency.
- Conduct bi-weekly conference call one-hour status meetings with the Agency’s Project team and Eramosa’s project team. These calls will involve discussions on budget/schedule and technical and design topics.
- Maintain Schedule document, action items, decision log and distribute for bi-weekly status call. Maintain meeting minutes and produce agendas for meetings.

Task 1.1 Workshops

- SCADA
- Transition Plans
- Fiber Optics

RP-1 Engineering Support during Construction | 2023

Task 2 – Submittals

This project is multi-disciplined and covers multiple systems and areas at RP-1. Eramosa expects submittals for this project to span many technologies and plant areas. Eramosa has budgeted for 2 re-submittals per required submittal. Currently in the contract documents we are asking for submittals in the following areas:

Task 2.1 Contractor

- Schedule
- Transition Plans
- Testing Plans

Task 2.2 Material

- Conduit & Wire
- Fiber Optic cables
- Misc. Materials

Task 2.3 Panel Testing

- Panel Layouts
- Tagging

Eramosa has budgeted for 5 days of panel testing for each area, Pri, Sec Ter and Solids. This totals 20 days to support panel testing used per the Agency direction.

Task 3 –Construction

Current construction schedule shows the work spanning over four years from notice to proceed to final completion. The schedule is grouped into four main tasks. Starting with submittals then fabrication and finally site construction wrapping up with start-up. Each task is approximately 12 months in length for a total of four years.

Task 3.1 – Site Support

Schedule shows construction on-site to be 16 months. Eramosa will support site work as needed during the construction phase of the project. Eramosa has planned for two days per month to be on-site. Eramosa will work to have two of the days on site co-inside with construction status meetings. Eramosa has budgeted for 32 days on-site for support.

Task 3.2 – Start-up

Schedule shows construction on-site to be 16 months with start-ups done by area. Each area start-up is shown as two months for each of the four areas. Eramosa will support start-up work as needed during the start-up phase of the project. Eramosa has planned for two days per week to be on-site during start-up activities. Eramosa has budgeted for 64 days on-site for start-up support.

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Task 4 – Documentation Management

The RP-1 SCADA Migration project has and will be developing numerous and critical documents that capture important information on the SCADA system at RP-1. The current design has developed and captures information for the System Integrator and Installation contractor that then will add more details and documents that need tracked. Eramosa will address the three main groups of documents related to SCADCA over the course of the project. The areas are covered below:

Task 4.1 – Inputs & Outputs list

Eramosa will use the existing Inputs and Outputs listing spreadsheet created by the Agency in their Excel format for SCADA I/O tracking. Eramosa will then use this spreadsheet to track changes to the I/O list for additions, deletions, and changes. Eramosa will use the Agency format so the final file can be used by the Agency at the completion of the project.

Task 4.2 – Integrated Architecture Builder

Eramosa will use the current Integrated Architecture Builder (IAB) file developed to track changes to the SCADA design. The IAB is a key Rockwell tool for SCADA projects and critical tool to gauge changes and validate the final installation.

Task 4.3 – Process Control Narratives

Eramosa will use the Contract versions of the PCNs related to RP-1 and manage version control during the project. These documents are key in capturing the integration standard expectation by the agency for the migrated SCADA system. The final PCNs will be provided to the Agency for as-built information.

Eramosa will use the PCN tracking spreadsheet for management of revisions and comment tracking. The spreadsheet will be updated regularly and reviewed during the project status meetings.

Task 5 – Risk Register

Eramosa will capture the project risks in list form. Then establish a risk heat map based on the project risks list.

Deliverables:

Project drawings will be developed using AutoCAD 2018.

1. Project Management - Meeting Agendas and Minutes
2. Submittal Review comments
3. Field Reports
4. RFI Responses
5. Process Control Narratives
6. I/O List in Agency format

RP-1 Engineering Support during Construction | 2023

7. IAB File
8. Risk listing and Heat Map

Assumptions:

1. IEUA can supply information requested in root file format for Eramosa to update. (e.g., Drawings will be submitted as CAD files not PDF's if they require modification)
2. Appropriate IEUA Personnel will attend workshops and provide productive information
3. IEUA will provide review comments per the turnaround requirements in the schedule.

RP-1 Engineering Support during Construction | 2023

6.0 SCHEDULE

ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors
1			RP-1 Construction	885 days	Mon 5/1/23	Fri 9/18/26	
2			Contractor NTP	0 days	Mon 5/1/23	Mon 5/1/23	
3			Construction Kickoff MTG	20 days	Mon 5/1/23	Fri 5/26/23	2
4			Construction Submittals	30 days	Mon 5/29/23	Fri 7/7/23	3
5			Submittal reviews	20 days	Mon 7/10/23	Fri 8/4/23	4
6			Submittal Process	280 days	Mon 7/10/23	Fri 8/2/24	
7			Primary (15 Panels)	40 days	Mon 7/10/23	Fri 9/1/23	4
8			Submittal reviews	30 days	Mon 9/4/23	Fri 10/13/23	7
9			Secondary (20 Panels)	40 days	Mon 10/16/23	Fri 12/8/23	8
10			Submittal reviews	30 days	Mon 12/11/23	Fri 1/19/24	9
11			Tertiary (15 Panels)	40 days	Mon 1/22/24	Fri 3/15/24	10
12			Submittal Reviews	30 days	Mon 3/18/24	Fri 4/26/24	11
13			Solids (15 Panels)	40 days	Mon 4/29/24	Fri 6/21/24	12
14			Submittals Reviews	30 days	Mon 6/24/24	Fri 8/2/24	13
15			Panel Fabrication	370 days	Mon 10/16/23	Fri 3/14/25	
16			Material Lead Times	180 days	Mon 10/16/23	Fri 6/21/24	8
17			Primary Panels Fab	30 days	Mon 6/24/24	Fri 8/2/24	16
18			FAT Primary Panels	10 days	Mon 8/5/24	Fri 8/16/24	17
19			Material Lead Times	160 days	Mon 1/22/24	Fri 8/30/24	10
20			Secondary Panel Fab	30 days	Mon 9/2/24	Fri 10/11/24	19
21			FAT Secondary Panels	10 days	Mon 10/14/24	Fri 10/25/24	20
22			Material Lead Times	140 days	Mon 4/29/24	Fri 11/8/24	12
23			Tertiary Panel Fab	30 days	Mon 11/11/24	Fri 12/20/24	22
24			FAT Tertiary Panels	10 days	Mon 12/23/24	Fri 1/3/25	23
25			Material Lead Times	120 days	Mon 8/5/24	Fri 1/17/25	14
26			Solids Panel Fab	30 days	Mon 1/20/25	Fri 2/28/25	25
27			FAT Solids Panels	10 days	Mon 3/3/25	Fri 3/14/25	26
28			Site Construction	370 days	Mon 3/17/25	Fri 8/14/26	
29			Contractor Mob in	10 days	Mon 3/17/25	Fri 3/28/25	27
30			Primary Site Work	90 days	Mon 3/31/25	Fri 8/1/25	
31			Transition Primary	60 days	Mon 3/31/25	Fri 6/20/25	29,18
32			SAT Primary	30 days	Mon 6/23/25	Fri 8/1/25	31
33			Secondary Site Work	90 days	Mon 8/4/25	Fri 12/5/25	
34			Transition Secondary	60 days	Mon 8/4/25	Fri 10/24/25	32,21
35			SAT Secondary	30 days	Mon 10/27/25	Fri 12/5/25	34
36			Tertiary Site Work	90 days	Mon 12/8/25	Fri 4/10/26	
37			Transition Tertiary	60 days	Mon 12/8/25	Fri 2/27/26	35,24
38			SAT Tertiary	30 days	Mon 3/2/26	Fri 4/10/26	37
39			Solids Area Site Work	90 days	Mon 4/13/26	Fri 8/14/26	
40			Transition Solids	60 days	Mon 4/13/26	Fri 7/3/26	38,27
41			SAT Solids	30 days	Mon 7/6/26	Fri 8/14/26	40
42			Field Engineering	360 days	Mon 3/31/25	Fri 8/14/26	29
43			Close out	25 days	Mon 8/17/26	Fri 9/18/26	41
44			Project Complete Milestone	0 days	Fri 9/18/26	Fri 9/18/26	43


RP-1 Engineering Support during Construction

2023

7.0

PROJECT LABOR HOURS

Eramosa will provide this scope of services on a time-and-expenses basis for a Not-to-Exceed price. A breakdown level of effort or hours by team member is shown in the following table:

		Eramosa Project No.:		US28022	Eramosa P.M.		Pierre Cayatte	
		Project Title:		RP-1 SCADA Migration Egnieering Support during Construction				
		End Client:		Inland Empire Utilitiers Agency				
		Proposal By:		Jeffrey Montano				

Task #	Description	Comments	Jeffrey Montano	Brittany Moore	Maxim Sverdllov	(Select Name)	CAD	Peter Boivin	(Select Name)	(Select Name)	Totals
			\$ 213.00	\$ 156.00	\$ 185.00	\$ -	\$ 85.00	\$ 156.00	\$ -	\$ -	
			Project Manager	Sr. System Integrator	Sr. Network Design	#N/A	CAD	Rockwell	#N/A	#N/A	

1 Project Management and Meetings

1.01	Invocieing	48 mths at 3hrs/mth	144.0								\$ 30,672.00
1.02											\$ -
1.03	bi-weekly meetings	48 mths at 4hrs/mtg	192.0								\$ 40,896.00
1.04											\$ -
1.05	Construction status mtgs	24 mths at 4hrs/mth	96.0								\$ 20,448.00
1.06											\$ -
1.07	Workshops	10 workshops	80.0	80.0							\$ 29,520.00
1.08											\$ -
1.09											\$ -
1.10											\$ -
	Project Management and Meetings Subtotal		512.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	\$ 121,536.00

2 Submittals

2.01	Construction	20 Submittals X 3	25.0	150.0	25.0						\$ 33,350.00
2.02	Material	20 Submittals X 3	25.0	150.0	25.0						\$ 33,350.00
2.03	Panels	75 Submittals X 3	200.0	500.0	50.0						\$ 129,850.00
2.04											\$ -
2.05	Panel Testing	20 days of panel testing	80.0	80.0							\$ 29,520.00
2.06											\$ -
2.07											\$ -
2.08											\$ -
2.09											\$ -
2.10											\$ -
	Submittals Subtotal		330.0	880.0	100.0	0.0	0.0	0.0	0.0	0.0	\$ 226,070.00

3 Construction

3.01	Site Support	32 days Construction support on-site	100.0	200.0	50.0						\$ 61,750.00
3.02	Start-up	64 days for testing on-site	200.0	400.0	50.0						\$ 114,250.00
3.03											\$ -
3.04											\$ -
3.05	Expense										\$ 40,000.00
	Construction Subtotal		300.0	600.0	100.0	0.0	0.0	0.0	0.0	0.0	\$ 216,000.00

4 Documentation Management

4.01	I/O list		25.0	200.0	24.0						\$ 40,965.00
4.02	IAB		25.0	80.0	24.0						\$ 5,000.00
4.03	PCN		50.0	200.0	24.0						\$ 46,290.00
4.04											\$ -
4.05											\$ -
4.06											\$ -
	Documentation Management Subtotal		100.0	480.0	72.0	0.0	0.0	0.0	0.0	0.0	\$ 92,255.00

5 Risks

5.01	list		24.0	24.0							\$ 8,856.00
5.02	map		24.0	12.0							\$ 5,000.00
5.03											\$ -
5.04											\$ -
5.05											\$ -
	Risks Subtotal		48.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	\$ 13,856.00
	Project Subtotal		1290.0	2076.0	272.0	0.0	0.0	0.0	0.0	0.0	\$ 669,717.00

Appendix A





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EDUCATION

B.S.E.E.E., California State
University, Sacramento

III Project Management Fundamentals
NEC 2014

PROFESSIONAL ASSOCIATIONS

Professional Engineer, California &
Oregon

APEGA Alberta P.Eng.

Jeff Montano, PE, P.Eng.

Team Leader/Project Manager

Jeff Montano is a seasoned Engineer with 20+ years experience in condition assessment, planning, design and project management for SCADA, DCS, electrical power, process, I&C, and communications. Jeff has extensive experience in design, construction, system integration, instrumentation & control, process systems, power systems, water, food & beverage, mining & material handling. He has experience in master planning, business systems, integration, configuration and training.

PROJECT EXPERIENCE

Inland Empire Utility Agency, Chino, CA – RP-1 SCADA Migration: Leading the effort to replace Reginal Plant #1 SCADA System, meaning oldest and most modified plant in the fleet with Digester #1 dated 1948. The plant was operating on two SCADA system struggling with obsolescence and support. Eramosa worked with the Agency to apply SCADA standards, upgrade the campus Fiber infrastructure, and address server and control room upgrades. The final solution is a single SCADA software across Agency fleet that reduces lifecycle cost of ownership.

Napa Sanitation District, Napa, CA - SCADA Master Plan: Lead the effort to create a SCADA Master Plan for the Napa Sanitation District. Effort included Assessment, Industry Practices for SCADA, a Gap analysis and an Action Plan to progress the system along with the industry.

San Juan Water District, San Juan, CA – SCADA Master Plan: Lead the effort to create a SCADA Master Plan for the San Juan Water District. Effort included Assessment, Industry Practices for SCADA, a Gap analysis and an Action Plan to progress the system along with the industry.

Eagle River Water and Sanitation District, Vail, CO – SCADA Assessment: Develop Wastewater SCADA assessment and design replacement plan for three plants. Design replacement of Wonderware SCADA system at WWTP with GE's Proficy to match water plants. Design system architecture to enable remote monitoring and control of WW plants.

TransAlta Life Extension Program, Alberta, Canada: Involved in the life extension program which covers 18 generating units over multiple years. Work will include site condition assessments, upgrade evaluation potential, preliminary costing, and scheduling and interfacing with the equipment manufacturer.



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Mammoth Lakes, CA – Wastewater Plant Expansion, MCWD: Responsible for design of electrical/I&C design build package and construction services during the installation of the SCADA/Electrical. All the older MCCs were replaced with new gear. A new ATS and Generator were added to provide back-up power to the plant. Coordination with contractors and equipment vendors to integrate new control panels and LAN linked to SCADA computers. Once WWTP control systems were installed the main SCADA system was upgraded from Intouch 8.11 to 9.5 to a new architecture and installed into racks located in Telco closet.

Alameda Flood Control Agency, Alameda, CA – Storm SCADA System: Responsible for configuration and construction services during the installation of the flood control SCADA system. This system has 20 pumping stations, a repeater site and a central control center. These sites are all linked using spread spectrum radios and dial-up modems for back-up to the SCADA computer network. The SCADA computer has remote dial-in access and control of the entire system. Tasks include electrical design packages, RTU programming, radio configuration and system networking.

Santa Lucia Preserve, Carmel, CA - Water SCADA System: Responsible for construction services during the installation of the water SCADA system. This system has over 100 sites including wells, water treatment plants, booster stations and PRVs. These sites are all linked using spread spectrum radios, RS485, and DH+ to a central SCADA computer. The SCADA computer has remote dial-in access and control of the entire system. Tasks include electrical design package, RTU programming, radio configuration and system networking. Development of custom driver to capture flow meter totals.

TID Don Pedro Dam Projects: Don Pedro Dam comprises two water conveyance tunnels and a four-unit hydro power generation powerhouse. The work performed by HDR was part of life extension plans for the facility that began with their power and diversion tunnels. The work established trustworthy clearance and protection points upstream of the powerhouse. Then moved into the powerhouse and related balance of plant equipment. As the program manager he leads a design team and facilitates the process to replace outdated systems, upgrades on the power units and related balance of plant equipment.

NID Chicago Park Upgrade Project: Chicago Park hydro generation project consisted of generator, station service and line protection relay replacement. Electromechanical relays were obsolete and replaced with microprocessor/digital relays and clean-up of the main control switchboard. As PM and lead he managed a design team and facilitated the process to replace outdated relay systems using the spec, procure, design and install sequencing process. Relay settings, start-up planning and testing support were provided that resulted in a clean-up of electrical documentation and improved protection of the unit.

Friant Power Authority, Quinten Luallen Hydroelectric Project: Friant Power Authority embarked on development of a new 7.3MVA Hydroelectric project to capture power from increased discharge flows to the San Joaquin river as part of a river restoration project. This minimum flow unit operates in concert with a bypass valve to maintain river flows and fits into a powerhouse that is 40' X 30'. Construction support and field engineering including design coordination as well as startup and commission activities were provided.

Pacific Gas & Electric, CA – Helms Pump Storage Facility Distributed Control System (DCS) Replacement (1200 MW): Responsible for design of equipment arrangements, power distribution, fiber network, grounding, and interconnections for new Emerson Ovation distributed control system installed in a 1200MW three-unit facility. The system replaced an existing Foxboro distributed control system and was phased in over multiple outage seasons while maintaining unit operations and addressing NERC related considerations. Additions included Enterprise Historian and related NERC consideration. Coordination with corporate IT and security team members were key to address NERC related items.



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EDUCATION

Bachelor of Science,
Chemical and Biological
Engineering

Colorado State
University, Colorado,
2011

PREVIOUS EXPERIENCE

Premier Stainless
Systems Process
Automation Engineer
(2018-2020)

Stone Brewing Company
Automation Engineer III
(2015-2017)

PLCs Plus International
Electrical Design
Engineer (2014-2015)

Esys The Energy Control
Company

System Design Engineer
(2011-2014)

CERTIFICATIONS

NCEES Fundamentals of
Engineering Exam:
Passed (2011)

Professional Certificate
of Competency in PLCs
and SCADA Systems,
Engineering Institute of
Technology (2014)

Rockwell Automation
Studio (RSLogix 5000)
Project Development
(2014)

Ignition SCADA/HMI 7.7
Certified, (2015)

Brittany Moore, EIT

Instrumentation and Controls Engineer

Brittany Moore joined Eramosa in 2020 bringing with her more than nine years of experience. Prior to joining Eramosa Brittany was involved in the design of instrumentation and controls and process automation systems for a variety of different industries. She has experience with the design of electrical control panels, instrumentation selection, development of P&IDs and control narratives.

Throughout Brittany's career she has also developed an interest and aptitude for programming and has experience working with Ignition SCADA and Allen Bradley among other PLC/HMI platforms. Brittany's experience and enthusiasm that she brings to her work will be an added value to any project team.

PREVIOUS PROJECT EXPERIENCE

Inland Empire Utility Agency, Chino, CA – RP-1 SCADA Migration - Design Lead to replace Reginal Plant #1 SCADA System, meaning oldest and most modified plant in the fleet with Digester #1 dated 1948. The plant was operating on two SCADA system struggling with obsolescence and support. Eramosa worked with the Agency to apply SCADA standards, upgrade the campus Fiber infrastructure, and address server and control room upgrades. The final solution is a single SCADA software across Agency fleet that reduces lifecycle cost of ownership.

Premier Stainless Systems – Lead the design and development of process automation systems using Allen Bradley Studio 5000, iX Developer, Idec WindLDR, DirectSOFT 6, and C-More software. Provided on-site startup and commissioning services for automated systems installed around the world. Worked with vendors to select instrumentation and assisted the electrical department in design of the associated wiring for automated systems. Provided electrical, mechanical and programming troubleshooting for existing installations both remotely and onsite. Met with potential customers to answer automation questions and provide automation program demos.

Stone Brewing Company – Worked with operators to optimize Ignition SCADA system to increase production and operator ease. Developed Ignition SCADA dashboards for operators, supervisors, and C-level management to display critical plant data. Integrated new PLC projects into existing SCADA system, ensuring visual and control continuity between plant all systems. Developed operating procedures and troubleshooting guides on new and existing equipment throughout the plant. Provided programming support for all existing equipment in the plant, including multiple types of PLCs, HMIs, and instrumentation that

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implemented various communication protocols such as Ethernet TCP/IP, Modbus, and DeviceNet.

PLCs Plus International – Prepared scope of services and project estimates for control system implementation. Managed drafting department for control panel design including development of AutoCAD drafting standards. Designed, implemented, and tested the control system for a technology used for the reduction of NOx emissions in boilers.

Esys The Energy Control Company – Worked with clients to write scopes and provide estimates for new projects that met client's needs for steam production. Created P&IDs, PFDs, I/O count sheets, control narratives using AutoCAD and Excel. Designed wiring diagrams and panel layout drawings for control panels, variable frequency drive panels, and 480 VAC distribution panels for outdoor use in accordance with NEC and UL508A requirements. Worked with vendors to ensure instrumentation and equipment met design requirements for corrosive process flows installed in areas classified as Class 1 division 2 explosive locations. Set project schedules, coordinated with panel shop, electricians, welders and customers to ensure multiple project deadlines were met simultaneously. Prepared and submitted close out documentation for clients including instrument specification sheets, maintenance guides, system troubleshooting manuals, and operator quick guides for completed systems.



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EDUCATION

Bachelor of Engineering, Electrical Engineering
Ryerson University, 2010
Toronto, Ontario

PREVIOUS EXPERIENCE

Ecodyne Ltd. – 2015-16
JNE Consulting – 2014-15
CH2M – 2012-2014

PROFESSIONAL ASSOCIATIONS

Professional Engineers Ontario (PEO)

Jan Mendoza, P.Eng.

Instrumentation & Controls / SCADA

Jan joined Eramosa in 2017 with bringing more than 5 years of experience in the design of instrumentation and controls systems (I&C) and electrical systems. Prior to joining Eramosa, Jan was involved in the design of I&C systems for water and wastewater plants and other facilities, industrial water treatment systems, and electrical design for industrial applications in all phases of design. Jan possesses significant experience in designing instruments, control panels, control systems, instrumentation wiring, and SCADA system architecture, particularly in water and wastewater. He also has worked on electrical design for industrial applications, particularly with motors and drives.

Jan has been able to demonstrate his strong interpersonal skills dealing with clients, vendors, and peers. He is also highly adaptable in dealing with many different types of clients, from the public to the private sector. This adaptability has led Jan to work with many different public sector clients in Ontario, such as the Regional Municipality of Durham, City of Hamilton, and Regional Municipality of Halton. Private sector clients have included, Teck Coal, Waste Management, and Dofasco. He looks forward to bringing his experience and wide range of knowledge to the project team.

PROJECT EXPERIENCE

Regional Municipality of Halton – Biosolids Management Centre Pump Station: Eramosa Engineering, working with Dillon Consulting, was retained by the Regional Municipality of Halton to convert the existing truck loading station for Tank No. 10 in the W. A. Bill Johnson Biosolids Management Centre in Oakville, Ontario into a sewage pumping station. The new system, as a sewage pumping station, would be connected to the sanitary sewer on Halton Regional Road 25 via a new sewer line. Eramosa's scope for this project consists of electrical, instrumentation, and control systems design as well as SCADA integration. Using Halton Region's standards, Eramosa's design included a new pump electrical enclosure and control panel, instruments for a valve chamber and wet well, and retrofitting and upgrading an existing truck fill panel to accommodate and enable communication to the new electrical enclosure and control panel.



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Regional Municipality of Durham – Cannington Wells Upgrades: Eramosa partnered with RV Anderson to design and oversee the construction of a new pumphouse and wells for the Cannington Municipal Water Supply system. The new wells have a production capability of approximately 10L/s and the new pump house is fully automated with a new control panel, standby power, hydro supply and onsite wastewater disposal. The facility control system design included a new RX3i controller interfaced to the Region's main iFIX 5.8 SCADA system. The wells and pumphouse achieves disinfection using an automated Sodium Hypochlorite chemical disinfection system with monitored safety alarms for leakage and safety showers. This system is complimented by a UV disinfection system. During the design process the Region requested that the design be modified to conform to the Region's new PROFINET design standards. As a result the design was updated and the facility features smart MCCs using a PROFINET network that is fully integrated. Eramosa was responsible for the I&C, SCADA and network design, system integration, start up and commissioning activities.

Regional Municipality of Halton – Georgetown WWTP Screen Building Refurbishment: Eramosa Engineering, working with Dillon Consulting, was retained by the Regional Municipality of Halton to refurbish the screen building at the Georgetown Wastewater Treatment Plant in Georgetown, Ontario. Along with structural changes the project also included replacement of the Mechanical Bar Screen System, process monitoring and gas monitoring system which were wired to a new remote PLC panel. Eramosa's scope for this project consisted of electrical, instrumentation, control systems and network design as well as SCADA integration. Using Halton Region's standards, Eramosa's design included a new MCC with power feed, remote PLC panel, vendor supplied screening control panel, gas alarm panel and level instruments for the inlet channel and screening channel. Eramosa's design also included modifications to the Admin Building Network Distribution Enclosure and Headworks PLC panel and horizontal cable runs from the Admin Building Electrical Room to the Screen Building Electrical Room.

City of Orillia – SCADA System Master Plan and Standards: Eramosa Engineering was retained by the City to complete their SCADA System Master Plan and Associated Works. The first of its kind for the City, the SCADA System Master Plan established the framework for upgrades to their Water and Wastewater SCADA Systems complete with capital planning cost estimates for the next 10 years starting in 2019. All areas of the SCADA System was reviewed and a path forward identified from the PLC/PAC hardware, network, server architecture, SCADA software, alarm management, and reporting. Through a series of workshops with City staff, a customized SCADA System Master Plan was developed following industry best practices catered to the City's specific needs. In addition to the Master Plan, other deliverables included field based asset collection and documentation within a database for all servers, PLCs, network equipment, and instrumentation. This information helped facilitate the Master Plan and to also create design standards for the City. Standards created addressed control panels, instruments, network requirements, PLC programming, HMI programming, as well as software testing and commissioning. Also a key component of the project was the development of a System Administration manual to aid Operations with typical tasks to retrieve legacy report information as well as to add / change user access for their SCADA system in-house.

Regional Municipality of Durham – Newcastle WSP and SSPS Expansion: Eramosa Engineering, working under R.V. Anderson (RVA), was retained by the Region of Durham to complete the instrumentation and controls detailed design, tendering, contract administration, site inspection services and SCADA system integration for the expansion of the Newcastle WSP facility as well as a new Sanitary Sewage Pumping Station, located on site. The original project scope was to expand upon the existing plant, however through the preliminary design phase, the decision was made to double the capacity of the expansion and subsequently decommission the existing facility once the new plant is commissioned and operational. Through the detailed design stage of this project, the Region requested that the team investigate the feasibility of utilizing Smart MCCs and Instrumentation, via a PROFINET communications protocol. This will be the first facility within the Region of Durham to be fully integrated with this protocol. The Region has previously standardized on the GE RX3i PAC platform as well as the GE Proficy iFIX SCADA and Historian platform with the goal of implementing a standardized control system architecture at the facility. With the change to the original hardwired design standard to now utilize PROFINET, the project team will further be responsible for developing the standard connectivity approach for use in future design projects in the Region.



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EDUCATION

Electrical Engineering
Control Systems, Advanced
Diploma
Humber College, 2012
Toronto, Ontario

Cisco Certified Network Associate
Humber College, 2014
Toronto ON

PREVIOUS EXPERIENCE

Real Time Systems,
2016

Hatch Mott MacDonald,
2012-2016

Maxim Sverdlov

Team Leader Network Systems Specialist

Mr. Sverdlov is a SCADA and Communications Systems Specialist in the field of water filtration, wastewater treatment, natural gas pipelines and vehicular tunnels. He has technical knowledge and experience programming and configuring GE, AB, Omron and other Programmable Logic Controllers (PLCs). Maxim has a vast understanding of the GE Proficy iFix platform, Rockwell RSVIEW32, FactoryTalk and RSLogix software, as well as experience in server infrastructure design, installation and upgrades utilizing several communication protocols. Maxim has a vast knowledge and experience working with Cisco network equipment designing implanting and programming equipment utilizing Fiber optic and copper media infrastructure. Maxim also has a considerable knowledge of AC & DC electrical components, schematics and several control panel design standards effectively creating enclosure design utilizing tools such as AutoCAD, MicroStation, Visio and others industry tools.

PROJECT EXPERIENCE

City of Hamilton, WWTP Electrical & Chlorination Upgrades: Eramosa was retained to complete the network design and implementation of the Ethernet network for the new electrical system at the Woodward Avenue Water & Wastewater Treatment Plants. The design package contains in-depth detail drawings, media (fibre and copper) patching schedules, integration of the SCADA-E system with the existing SCADA process network and external connections. The network serves as a primary/ backup communication system for the new electrical building containing multiple feeds from local utility and a pair of backup generations that feed power to the 12 external switchgear installed in various strategic locations across the plants.

Regional Municipality of Waterloo – Rural Sites Network Redundancy: Eramosa Engineering was retained by the Region to assist with remote site network connectivity for rural based water sites. Typically, a fibre optic based connection through WREPNet was installed at each rural water facility. Due to the critical nature of these facilities, a hot standby cellular connection was installed. Eramosa completed the design which included introduction of the Open Shortest Path First (OSPF) protocol on the network to handle the redundancy. Eramosa supported the field installation as well to commission the redundant links.



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City of Ottawa, Drinking Water Supply Services, Secondary Network Implementation: Eramosa was retained by the City to provide a secondary network implementation to complement their existing network. Eramosa provided technology selection, design and implementation to upgrade the existing Secondary Network from the older HSPA Cellular communications to a high-speed LTE wireless network technology. Our team was responsible for the field re-configuration of the existing Cisco routers at remote facilities and coordination with the service provider to confirm operate of the new LTE network. A new design was required to implement three new centralized core routers for redundancy and to load-balance connections for the remote facilities. This network serves as a back-up communications system for the City's 37 water production and distribution facilities.

City of Ottawa, Wastewater Services WAN and LAN Standards: The City of Ottawa Wastewater Services Department retained Eramosa to develop a comprehensive set of Local Area Network (LAN) and Wide Area Network (WAN) standards for their SCADA system. The existing network infrastructure at the ROPEC wastewater treatment plant and remote facilities consists of obsolete fibre, networking products and unlicensed radios that are beyond end of life, no longer supported and in need of upgrading to current secure technology. The project involved a review of the existing SCADA communication network at the ROPEC plant and the remote facilities, developing level of service requirements and tech memos for the desired plant LAN network, WAN network and the development of LAN and WAN design and construction standards identifying the network topology, preferred equipment manufacturers and models, installation practices and commissioning requirements. A backup server room was designed and constructed to provide redundancy via a primary/backup server room configuration for critical server and core switching and routing equipment. A detailed design for both the new plant LAN and SCADA WAN utilizing the new standards were completed and implemented under separate construction tenders. The LAN design included a redundant core and distribution layer with 110G and 10 G links respectively. Eramosa is the prime consultant responsible for the design standards, LAN and WAN design, construction services and contract administration as well as configuration and programming of the network gear. The LAN upgrades are currently under construction with an anticipated completion date of summer 2023. The WAN design package is complete and is anticipated be tendered in fall 2022.

Water Treatment, Supply PLC Migration GE 90/30 to RX3i, City of Toronto, ON: PLC Programmer and Designer, part of a team responsible for upgrade of existing GE 90/30 PLC's to a new generation RX3i and migrating standalone PI&D loop controllers to newly installed PLC's. Responsible for programming RX3i's with the new P&ID logic, implementing code on live system while insuring no impact is perceived on the overall plant operations. SAT systems with client to insure chemical and filter operations are as per city requirements. Project involves several water treatment plants with City of Toronto.

Waha Texas to Ojinaga Mexico Natural Gas Pipeline, Energy Transfer Corporation (ETC), Houston TX: Communications Network and Control Designer, responsible for designing, drafting, programming virtual network for proof of concept designing a network spanning over 300 miles length pipelines. Part of team responsible for reviewing P&ID's to develop automation SCADA system in remote desert locations utilizing solar control panels which are to house Flow-Boss PLC's. Design difficulties included the limitations of fiber optic attenuation losses and communications and network hardware limitations.

Electrical Unit Substation Replacements and Rehabilitation Upgrades to the Central Treatment Plant, Middlesex County Utilities Authority, New Jersey: Communications Network Control and Designer, member of team which was responsible for designing network utilizing Cisco equipment and fiber optic backbones, network cabinets containing equipment such as switches, UPS's, KVM's, patch panels and other essential equipment. Switchgear Data Gathering Unit panels (DGU) Designer responsible for designing control panels to be installed within multiple substations to monitor and control switchgear and MCC components utilizing GE iFix SCADA infrastructure utilizing Modbus TCP/IP protocol to communicate to Eaton switchgear PQM's.



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EDUCATION

Bachelor of Engineering - Electrical
McMaster University, 2006
Hamilton Ontario

CERTIFICATIONS

AVEVA Certified Application
Developer in Historian Server 2020

AVEVA Certified Application
Developer in Historian Client 10.1

AVEVA Certified Application
Developer in Application Server 2020

AVEVA Certified Application
Developer in InTouch for System
Platform 2020

ThinManager Certified Integrator

Supervisor Health and Safety
Awareness in 5 Steps

First Aid Awareness

Confined Space Awareness

PROFESSIONAL ASSOCIATIONS

Professional Engineers of Ontario
(PEO)

Peter Boivin, P.Eng.

Project Manager / Team Lead

Peter joined Eramosa in 2007 and has over 15 years of experience in providing his technical expertise in the area of SCADA system design, programming and implementation for clients in the water and wastewater industry throughout the province. He has expertise in communication networks, system maintenance and troubleshooting, software development, and system commissioning of both large distributed systems and smaller municipal sites. Peter was a member of Eramosa's technical master program from 2018 to 2022 during which he was the subject matter expert on Rockwell PLCs and the associated software titles. As part of Eramosa's technical master program, Peter attended a number of Rockwell Automation conferences/training events such as Rockwell Automation's TechED and ROKLive to obtain knowledge and training on the latest offerings from Rockwell. Peter has acquired over 100 professional development hours from Rockwell Automation on a variety of their software and hardware products.

Peter is a Team Leader and project manager directly responsible for an SI team which focuses on the Municipal Water / Wastewater sector. He looks forward to working alongside your team of professionals to deliver a solution tailored to your requirements.

PROJECT EXPERIENCE

City of Hamilton – Ferguson Avenue Water Pumping Station (HD002/HD003)

Upgrades: Eramosa was retained as a subconsultant to provide instrumentation & controls (I&C), SCADA, electrical design and contract administration for the upgrade of the existing 13.8kV switchgear and pump monitoring systems. Ferguson Avenue WPS is a two-story building housing two (2) pumping stations, HD002 consisting of four (4) constant speed pumps with a total capacity of 136 ML/d and HD003 consisting of three (3) VFD with a total capacity of 21 ML/d. As part of these upgrades the existing DeviceNet control for the three (3) VFD pumps will be decommissioned and replaced with ethernet control, new vibration monitors will be installed on the four (4) constant speed pumps, six (6) Turbidity/Chlorine analyzers will be decommissioned with the corresponding auto logic removed from the existing software and the PLC program will be upgraded to follow City of Hamilton SCADA Standards version 5.0. Eramosa will be responsible for start-up & commissioning of SCADA programming. The City's SCADA standards are built on the Allen-Bradley Logix family of PLCs and GE Digital Proficy iFIX HMI. This project is currently in the construction phase.

Status: In Construction

Responsibility: Project Manager



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City of Hamilton - SCADA Master Plan & Standards for Water and Wastewater: Eramosa Engineering completed a system wide SCADA system upgrade for the City of Hamilton. The project is a multi-year program intended to develop a master plan, standards and implementation plan for the City's water and wastewater facilities. The City of Hamilton has approximately 140 remote sites and four (4) treatment facilities. The water treatment and distribution systems operate independently of the Woodward water treatment plant. The project included a review of the available SCADA technologies, identification of network requirements, creation of standards and the complete detailed design for the implementation of the new City wide SCADA system. Eramosa, as the lead consultant, partnered with Westin, XCG and R.E. Poisson Engineering for this project. As a component of the project, the Eramosa team completed an asset inventory data collection and database for the 140 facilities providing the City to jump start their CMMS implementation. The team responsibilities included process control narrative development, P&ID development, electrical and control panel design. PLC and HMI/SCADA software standards were developed and utilized for development of PLC and HMI programs. The project also involved on-site supervision and commissioning as upgrades were completed at the facilities.

Status: Completed April 2019

Responsibility: Lead PLC Programmer

The City of Port Huron, MI – Port Huron Water Filtration Plant Upgrades: The City of Port Huron Water Filtration Plant is a surface water plant which obtains its water from the St. Clair River, approximately a ½ mile south of the Blue Water Bridge. This facility provides clean, safe, potable water to the City of Port Huron, Port Huron Charter Township, Fort Gratiot Charter Township, Kimball Township and Clyde Township. The City has retained Eramosa Engineering to upgrade the plant's existing SCADA control systems. Eramosa's scope includes the design, specifications, and contractor oversight to upgrade 14 PLC control panels, replacing legacy Allen Bradley PLC and OIT hardware (SLC, MicroLogix and PanelView) with new Allen Bradley 5380 series CompactLogix PACs and PanelView Plus 7 OITs. As part of this upgrade, Eramosa will be converting the existing PLC programs and OIT applications to operate on the new PAC/OIT hardware using Rockwell's Studio 5000 and FactoryTalk View Machine Edition software. Eramosa was also recently retained by the City to modernize their existing AVEVA InTouch 2014 R2 HMI application to AVEVA InTouch 2020 R2 SP1. Eramosa will be responsible for the SCADA integration and programming following the PLC control panels upgrades to incorporate and verify control and monitoring back to the InTouch HMI application.

Status: In Tender

Responsibility: Project Manager

Haldimand County – Haldimand County SCADA Standards Update, Pump Station Template and Win911 Trial: Eramosa Engineering has been retained by Haldimand County to review, develop and enhance the existing County SCADA Standards including all CAD files (typical Control Panel, PLC Loop, Process & Instrumentation diagrams, Pump Schematics and Typical Install Detail drawings), Process Control Narrative template, Tagname Standards, PLC & HMI Standards, and Testing & Commissioning procedure documents. As part of this project, Eramosa Engineering will develop a standard four (4) pump station template site with full HMI and PLC logic to be used as a reference for future system additions. The County is also interested in trialing WIN911 at one of their plants to improve notification for critical alarms. Eramosa Engineering is responsible for the required radio system design, configuration, and implementation of this new WIN911 system. The County's SCADA standards are built on the Allen-Bradley Logix family of PLCs and AVEVA (InTouch) HMI.

Status: In Development

Responsibility: Project Manager

**INFORMATION
ITEM
3A**

Date: May 17, 2023

To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager

Committee: Finance & Administration

05/10/23

Staff Contact: Kristine Day, Assistant General Manager

Subject: Biennial Budget for Fiscal Years 2023/24 and 2024/25 for Administrative Services, Non-Reclaimable Wastewater, Recharge Water, and Water Resources Funds

Executive Summary:

The Agency's proposed biennial budget review for fiscal year (FYs) 2023/24 and 2024/25 is consistent with the the Agency's long-term planning documents and Board-adopted business goals of fiscal responsibility, work environment, water reliability, and wastewater management. A review of the Regional Wastewater and Recycled Water funds was presented to the Board on the April 19, 2023 and to the Regional Technical Committee on April 27, and Policy Committee on May 4, 2023. A review of the Ten-Year Capital Improvement Plan was presented to the Board on May 3, 2023.

This is a review of the proposed biennial budget for the Administrative Services, Non-Reclaimable Wastewater (NRW), Recharge Water, and Water Resources programs. There are no changes to the adopted FY 2023/24 Water Resource rates. Rates for the Non-Reclaimable Wastewater program will be presented for Board adoption in June 2023. An in-depth discussion of each fund is provided in the "Background" section.

Staff's Recommendation:

This is an information item for the Board of Directors to review and provide comments.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

On April 19, 2023, the Board reviewed the proposed Regional Wastewater and Recycled Water fund budget.

On June 15, 2022, the Board approved Fiscal Year 2022/23 Proposed Budget Amendment and Rate Resolutions

Environmental Determination:

Not Applicable

Business Goal:

The proposed budget for these programs is consistent with the IEUA Business Goals of Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices.

Attachments:

Attachment 1 - Background

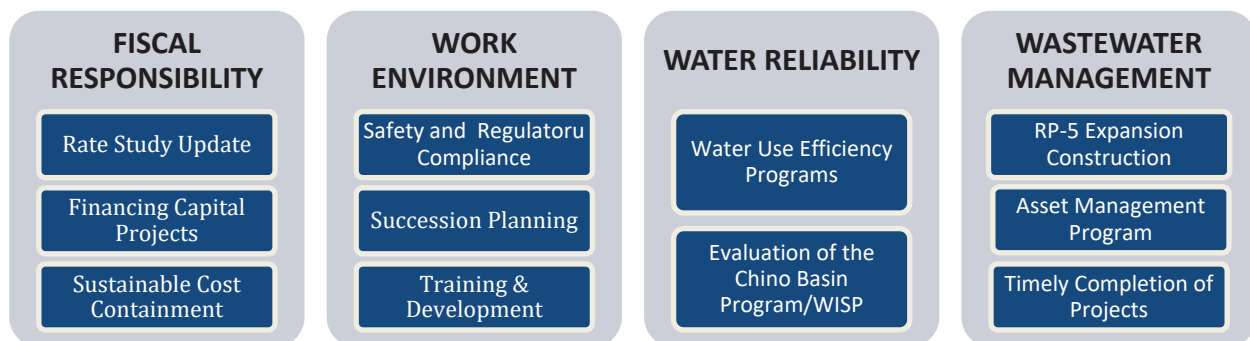
Attachment 2 - Powerpoint

Background

Subject: Biennial Budget for Fiscal Years 2023/24 and 2024/25 for Administrative Services, Non-Reclaimable Wastewater, Recharge Water, and Water Resources Funds

A review of the proposed biennial budget for Fiscal Years (FYs) 2023/24 and 2024/25 for Regional Wastewater and Recycled Water Funds was presented to the Board of Directors (Board) on April 19, 2023, the Regional Technical Committee on April 27, 2023, and the Regional Policy Committee on May 4, 2023. The review of the Ten-Year Capital Improvement Plan (TYCIP) was presented to the Board on May 3, 2023.

The proposed biennial budget and TYCIP are consistent with the Agency's long-term planning documents, and the Board-adopted Business Goals of fiscal responsibility, work environment, water reliability, and wastewater management. Some of the key objectives of the proposed biennial budget include:



The focus of this review is the proposed biennial budget for the Administrative Services, Non-Reclaimable Wastewater, Recharge Water, and Water Resources funds. Other key objectives of the proposed biennial budget for the Administrative Services, Water Resources, and Non-Reclaimable Wastewater funds include:

- No change in the adopted meter equivalent unit (MEU) rate and water connection fee for FY 2023/24 and FY 2024/25,
- Implement pass through rates for the Non-Reclaimable Wastewater program,
- Maintain the current property tax allocation percentage among funds,
- Continue commitment to sustainable cost containment,
- Continue payment plan to fully fund employee retirement obligations,
- Continue evaluation of the Chino Basin Program/Water Storage Investment Program (CBP/WSIP) with regional stakeholders to secure the \$212 million conditional award from the California Water Commission,
- Continue development of a financing plan to support the ten-year capital investment plan (TYCIP), and
- Alignment of department goals and objectives to the IEUA Business Goals and Objectives.

Key assumptions are summarized on Appendix Table A2.

Property Tax Allocation

The property tax allocation remains unchanged. Property taxes continue to be a key funding source in support of the Agency debt service, the pay-go portion of expansion projects, future growth projects projected by sewer contract agencies, asset management for timely upkeep and improvement of aging assets, and to maintain compliance with changing regulatory and safety requirements. The property tax allocation among funds is summarized in Table 1.

Table 1: Property Tax Allocation by Fund (\$ Millions)

Fund	Purpose	Current Allocation	FY 2023/24 Projections	FY 2024/25 Projections
Regional Wastewater Capital Improvement	Supports debt service costs for acquisition, improvement, replacement, and expansion of regional wastewater facilities.	65%	\$51.4	\$52.2
Regional Wastewater Operations & Maintenance	Supports capital replacements and rehabilitation cost and any operation costs not fully recovered by rates.	23%	18.2	18.5
Recycled Water	Supports debt service costs for acquisition, improvement, replacement, and expansion of regional recycled water facilities.	4.0%	3.1	3.2
Administrative Services	Supports agency-wide costs not allocated to other Agency funds.	4.5%	3.5	3.6
Water Resources	Supports regional water supply strategies not covered by the MEU rate.	3.5%	2.8	2.8
TOTAL			\$79.0	\$80.3

Administrative Service Fund

The Administrative Services fund accounts for total employment costs and agency-wide expenses, such as general and administrative contract services, including legal, external auditing, landscaping, janitorial, computer hardware and applications support. The majority of these operations and maintenance (O&M) costs are allocated to other Agency funds, the Inland Empire Regional Composting Authority (IERCA), and the Chino Basin Desalter Authority (CDA) based on resource and service requirements. The IERCA composter and CDA Desalter 1 facilities are operated by Agency staff.

The Administrative Services fund also accounts for Agency-wide capital acquisitions such as computers, printers, copiers, and fleet vehicles. Capital expenditures are primarily supported by inter-fund transfers (contributions) from the Regional Wastewater Capital, Regional Wastewater Operations & Maintenance, Recycled Water, and the Non-Reclaimable Wastewater.

Revenue and Other Sources of Funds

Total funding sources for the Administrative Services fund are projected to be \$10.6 million in FY 2023/24 and \$12.7 million in FY 2024/25. These funding sources support O&M costs net of the allocation to other Agency funds reported in Table 2.

Table 2: Major Revenues & Other Funding Sources - Administrative Services Fund

Major Funding Sources (\$ in Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Property Tax	\$3.6	\$3.6	Fixed allocation amount to support general administrative costs
Chino Basin Desalter Reimbursement	1.8	2.0	O&M costs for the operation of Chino Desalter 1 facility
Project Cost Support	2.7	5.0	Inter-fund transfers from the Regional Wastewater Capital, Regional Wastewater Operations, Recycled Water, and Non-Reclaimable Wastewater funds
Connection Fees & Interest Income	2.5	2.1	Wastewater and water connections fees and interest earned on fund reserve balance
Total	\$10.6	\$12.7	

Expenses and Other Uses of Funds

The total net operating and capital budget for FYs 2023/24 and 2024/25 is \$10.4 million and \$12.9 million, respectively (Table 3).

Table 3: Expenses and Other Uses of Funds- Administrative Services Fund

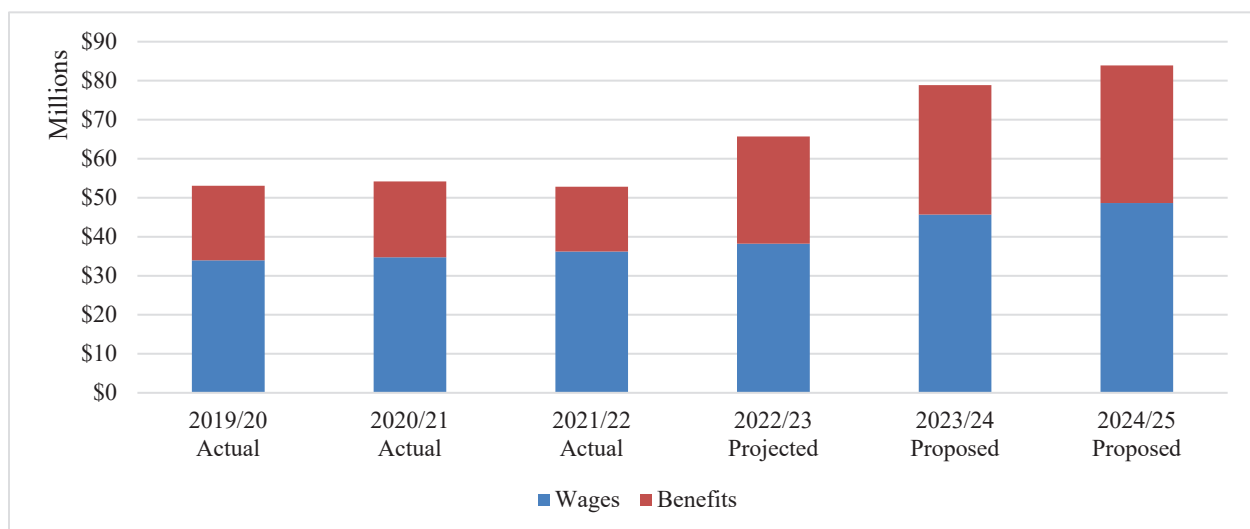
Major Uses of Funds (\$ in Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Administrative & Operating Expenses	\$6.2	\$6.5	Includes Agency employment, material & supplies, professional fees, utilities, and other operating costs, net of allocation to other agency programs and capital projects.
Capital Improvement Plan (CIP)	4.3	6.4	Includes various capital information system projects, business network improvements, and replacement of aging fleet maintenance vehicles.
Net Total	\$10.4	\$12.9	

Total gross employment costs for FY 2023/24 are projected to be \$78.9 million, twenty percent or \$13 million higher than projected FY 2022/23, as shown in Figure 1. The FY 2023/24 and FY 2024/25 proposed employment budget includes a total an estimated 26 new additional full-time

positions to support the operation and maintenance requirements after the go-live of the RP-5 expansion projects, cost of living adjustment (COLA) of three percent and an annual contribution of \$4.5 million toward the Agency's retirement unfunded accrued liabilities (UALs).

Approximately 34 percent of the Agency's current workforce is eligible for retirement in 2023. In order to secure the critical resources needed to support the RP-5 expansion projects, continuity of critical Agency operations over the next five years, an increase in total staffing from 330 (315 FTEs + 15 LTs) to 356 (352 FTEs + 4 LTs) is proposed in FY 2024/25. The proposed staffing level will provide the Agency more flexibility and allow for early recruitment of certain critical positions to support preservation of critical skills and institutional knowledge transfer needed to support operations.

Figure 1: Total Employment Costs



Over 98 percent of total employment costs are allocated from the Administrative Services fund to the capital improvement plan (CIP) and the other Agency funds based on resource and service requirements. In FYs 2023/24 \$10.3 million and \$10.9 million in FY 2024/25 of employment costs are allocated to CIP. The remaining costs net of the CIP allocation and average four percent vacancy factor are allocated to other Agency funds, CDA, and IERCA as shown in Table 4.

Table 4: FYs 2023/24 and 2024/25 Net Employment Cost Allocation

Fund (\$ in Millions)	Major Programs Average Allocation	FY 2023/24	FY 2024/25
Regional Wastewater Operations	77%	\$39.2	\$42.9
Regional Wastewater Capital		3.2	3.4
Recycled Water		7.2	7.8
Non-Reclaimable Wastewater	13%	3.8	4.1
Water Resources		3.8	4.1
Recharge Water		1.0	1.1
Inland Empire Regional Compost Authority	10%	4.7	4.9
Chino Basin Desalter Authority		1.8	2.0
Total, net of CIP Allocation	100%	\$64.7	\$70.3

Other Agency-wide operations and maintenance (O&M) costs recorded in the Administrative Services fund are also allocated to other Agency funds as shown in Table 5. These O&M costs include administrative expenses such as professional fees, contract services, insurance, utilities, as well as material and supplies. Total O&M costs of \$11.7 million and \$12.0 million not related to employment will be allocated to other funds in FYs 2023/24 and 2024/25, respectively as reported in Table 5.

Table 5: FY 2023/24 and 2024/25 Expense Allocation (net of employment and CIP)

Fund (\$ in Millions)	Major Programs Average Allocation	FY 2023/24	FY 2024/25
Regional Wastewater Operations	82%	\$6.5	\$6.7
Regional Wastewater Capital		2.4	2.5
Recycled Water		1.6	1.6
Non-Reclaimable Wastewater	18%	0.7	0.7
Water Resources		0.4	0.4
Recharge Water		0.1	0.1
Total	100%	\$11.7	\$12.0

A CIP budget of \$45.5 million is planned for the next ten years in the Administrative Services fund, with \$11.0 million, or roughly 24 percent, planned over the next two years. A summary of the major capital projects budgeted in the Administrative Services fund is provided in Table 6.

Table 6: Major Capital Projects – Administrative Services Fund

Major Capital Projects (\$ in Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
ERP Implementation	\$0.0	\$1.0	\$9.0	\$10.0
GG Asset Management Project	0.1	0.1	8.0	8.1

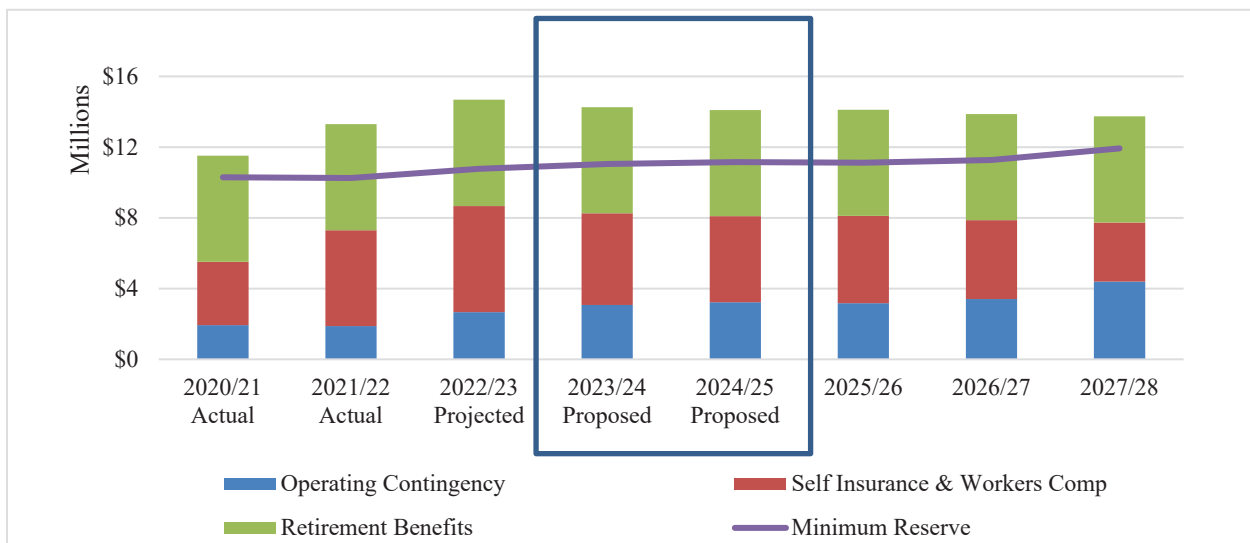
Major Capital Projects (\$ in Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
Wide Area Microwave Radio Updates	0.6	0.6	6.2	7.4
IT Infrastructure Assets Replacement	0.3	0.3	2.9	3.4
Central Plant Cooling Tower Replacement	0.4	1.7	0.8	2.9
Structural Agency Wide Roofing Phase II	0.3	1.1	1.4	2.6
All Other Capital Projects	2.7	1.8	6.7	11.1
Total	\$4.4	\$6.6	\$35.0	\$45.5

The Administrative Services fund CIP is supported by inter-fund transfers from the Regional Wastewater Capital, Regional Wastewater Operations and Maintenance, Recycled Water, and Non-Reclaimable Wastewater funds and a portion of connection fees as shown in Table 2 – Revenue & Other Funding Sources.

Reserve Balance

The ending fund balance for FYs 2023/24 and 2024/25 is estimated at \$14.3 million and \$14.1 million as reported in Figure 2. Reserves support the Agency’s self-insurance programs, employee retirement obligations, including pension and other post-employment benefits (OPEB), and the operating contingency as mandated by bond covenants.

Figure 2: Reserve Balance by Type - Administrative Services Fund



Water Resources Program

The Water Resources fund records costs and revenues associated with providing regional water resources and water use efficiency programs within the Agency’s service area. These programs include management and distribution of imported water supplies, development, and implementation of regional water use efficiency initiatives, water resource planning, and support for regional water supply programs including recycled water, groundwater recharge, and storm

water management. Rates and fees for Water Resources were restructured starting in FY 2016/17 to recover program costs more equitably.

Revenues and Other Sources of Funds

The Water Resources program has budgeted total revenues and other funding sources of \$67.1 million and \$70.4 million for FYs 2023/24 and 2024/25, respectively. Included in total revenues are the pass-through sales of MWD imported water, monthly Meter Equivalent Unit (MEU) charges, recovery of MWD Readiness to Serve (RTS) fees from member agencies, property tax receipts, grants and reimbursements for the projects, water connection fee transfers from the Recycled Water fund, and interest earnings on fund reserves. Table 7 represents major revenues and funding sources for both fiscal years.

Table 7: Major Revenues & Funding Sources - Water Resources Fund

Major Funding Sources (\$ in Millions)	FY 2023/24	FY 2024/25	Key Assumptions
MWD Water Sales	\$53.0	\$56.7	Based on 60,000 AF per year and MWD projected Tier 1 Untreated rates; \$855/AF FY 2023 and \$903/AF FY 2024.
Meter Equivalent Unit (MEU) monthly charges	5.5	5.6	Support program costs, including regional water use efficiency programs. Based on 409,936 MEUs per month in FY 2023/24.
MWD RTS Fees Pass Through	3.9	3.9	Assumes Agency recovery of 100% in FY 2023/24 and FY 2024/25 based on approved 7-year phase-in.
Property Tax Receipts	2.8	2.8	Support program costs and RTS fees not recovered bypass through charges thru FY 2023/24
Grants/Rebates	0.3	0.3	Continue to leverage grants and rebates to support water use efficiency projects.
Connection Fees	1.2	0.6	Transfer of water connections from the Recycled Water fund to support water use efficiency projects.
Other	0.4	0.5	Interest and other reimbursements.
Total	\$67.1	\$70.4	

Imported Water Rates

The Agency's Board adopted changes in the potable water rate structure on June 15, 2016, to more sustainably support the Water Resources program and provide for a more equitable recovery of costs.

MWD RTS pass through charge to member agencies recovers costs associated with long-term reliability of emergency storage capacity and standby services needed to maintain water deliveries.

The MEU rate supports a portion of costs associated with water use efficiency projects through the conservation program.

Table 8 shows the adopted FY 2023/24 and FY 2024/25 current rates.

Table 8: Meter Equivalent and RTS Cost Recovery Water Rates

	FY 2021/22 Adopted	FY 2022/23 Adopted	FY 2023/24 Adopted	FY 2024/25 Adopted
RTS Recovery	90%	100%	100%	100%
Meter Equivalent Units (MEU)	\$1.08	\$1.10	\$1.12	\$1.14

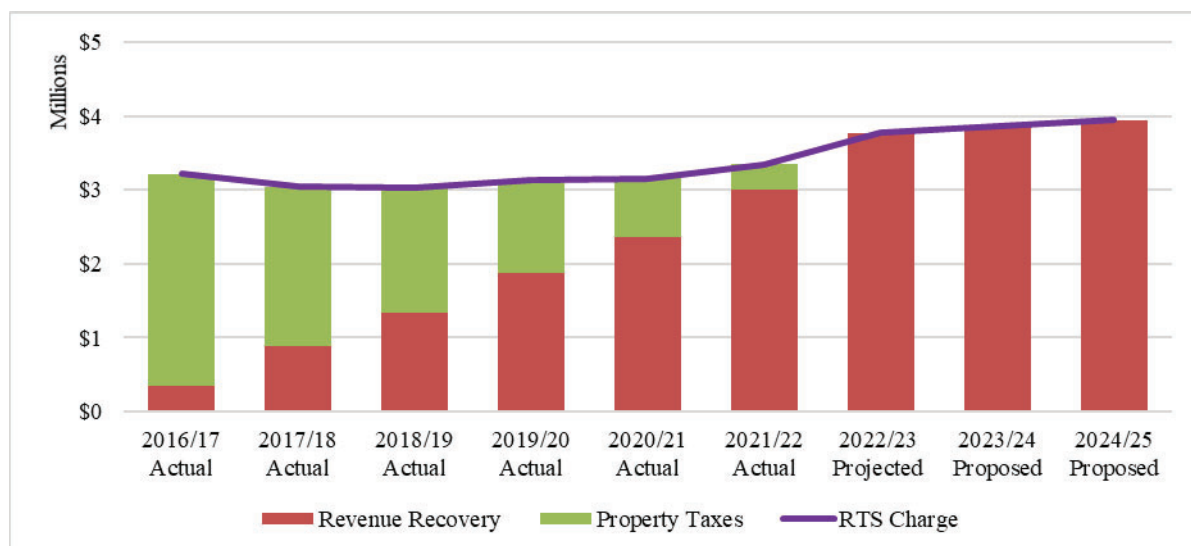
Meter Equivalent Unit (MEU) Rate

MEU charges support the Water Resource fund program costs. These include the administrative and operational costs associated in providing regional conservation and water use efficiency programs within the agency's service area. Higher number of projects to be executed in FY 2022/23 accounts for higher program cost.

RTS Recovery

MWD bills RTS based on water use over a ten-year rolling average (TYRA). The Agency adopted this methodology in 2016 which shifted recovery of RTS pass through fees amongst the water member agencies. To mitigate the fiscal impact, the Board approved the member agencies request to phase-in the RTS recovery over seven (7) years in alignment with the implementation of the proposed recycled water surcharge for use over entitlement. The RTS fees not recovered through direct charge during the seven-year implementation period have been supported by property taxes as shown in Figure 3.

Figure 3: Recovery of MWD Readiness to Serve Pass-Through Fees



Based on current assumptions, \$9.1 million in property taxes have supported the RTS recovery shortfall during the seven-year phased implementation (Table 8 and Figure 3).

Expenses and Other Uses of Funds

Total expenses and other uses of funds for the Water Resources fund are projected at \$68.5 million and \$69.6 million for FYs 2023/24 and 2024/25 as summarized in Table 9.

Table 9: Major Expenses and Other Uses of Funds - Water Resources Fund

Major Uses of Funds (\$ in Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Program Cost	\$4.9	\$5.3	Agency's employment, materials supplies, professional fees, utilities, and other operating costs.
Projects	6.7	3.7	Major projects summarized in Table 8.
Readiness to Serve (RTS) Fees	3.9	3.9	Metropolitan Water District of Southern California (MWD) Readiness to Serve pass-through fees net of MWD property tax assessments.
MWD Water Purchases	53.0	56.7	Based on 60,000 AF per year and MWD projected Tier 1 Untreated rates; \$855/AF FY 2023 and \$903/AF FY 2024.
Total	\$68.5	\$69.6	

MWD Potable Imported Water Purchases

FYs 2023/24 and 2024/25 pass through purchases of MWD imported deliveries are projected at \$53.0 million and \$56.7 million, respectively, based on deliveries of 60,000 AF per year.

Projects

A total of \$28.2 million in project costs are proposed over the next ten years. Projects in the Water Resources fund are driven by Chino Basin Program (CBP) Planning, Local Supply Resiliency projects, and Water Use Efficiency (WUE) programs, which includes landscape irrigation and residential retrofit program, education and outreach, and water smart programs. WUE programs account for 57 percent of the total project costs. Total projects of \$6.7 million are projected in FY 2023/24 and \$3.7 million in FY 2024/25 as summarized in Table 10.

Table 10: Major Projects - Water Resources Fund

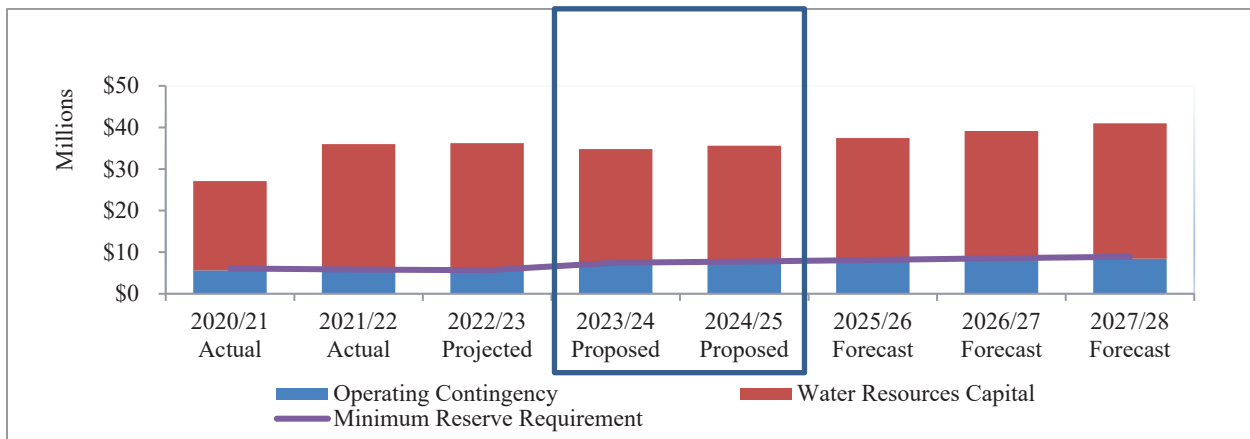
Major Projects (\$ in Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
Chino Basin Program Planning	\$3.5	\$1.0	\$0.0	\$4.5
Water Use Efficiency and Reliability Programs	1.6	1.6	12.8	16.0
Upper Santa Ana River Habitat Conservation Plan Model Water Benefits	0.3	0.3	1.7	2.3

Major Projects (\$ in Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
Water Resources Planning Documents	0.3	0.2	2.0	2.5
Chino Basin Water Bank	0.3	0.2	0.5	1.0
Regional Imported Supply Reliability Analysis	0.3	0.2	0.5	1.0
All other projects	0.4	0.2	0.3	0.9
Total Projects	\$6.7	3.7	17.8	\$28.2

Reserve Balance

The Water Resources fund estimated ending fund balances for FYs 2023/24 and 2024/25 is \$34.8 million and \$35.6 million, respectively. As shown in Figure 4, the fund balance is projected to slightly decrease during the biennial budget years, a primary driver is lower grant proceeds to support water use efficiency projects. The Water Resources Capital reserve will fund capital investments based on the Agency's Ten-Year Capital Improvement Plan (TYCIP) and other long-term planning documents.

Figure 4: Water Resources Fund Reserve Balance



Non-Reclaimable Wastewater Fund

The Non-Reclaimable Wastewater fund records the transactions for the capital and operating costs associated with the Agency's industrial wastewater collection system, known as the non-reclaimable wastewater brine lines.

The primary funding source for the Non-Reclaimable Wastewater fund are the pass-through rates for the Non-Reclaimable Wastewater System (NRWS) and the Etiwanda Wastewater Line (EWL) from the Los Angeles County Sanitation Districts (LACSD) for the north system, and the Santa Ana Watershed Project Authority (SAWPA) for the south Inland Empire Brine Line (IEBL). FY 2023/24 rates for the north systems were adopted by LACSD in May 2022, SAWPA pass-through rates for the southern IEBL system were adopted May 2023.

Revenues and Other Sources of Funds

The Non-Reclaimable Wastewater program has total budgeted revenues and other funding sources of \$16.2 million for FY 2023/24 and \$34.0 million for FY 2024/25. Revenues include pass through rates, fees for agency program charges, capacity fees (CIP), debt proceeds, wastewater connection fees transferred from Regional Wastewater Capital Improvement fund, and interest income (Table 11).

Table 11: Major Revenues & Funding Sources - Non-Reclaimable Wastewater Fund

Major Funding Sources (\$ in Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Volumetric Fees	\$2.2	\$2.3	Monthly pass-thru charges based on adopted fees and metered wastewater flow.
Excess User Fees	4.9	5.0	Pass-thru fees for wastewater strength* composition.
Agency Program Charges	6.8	7.4	Program support, operational and capacity surcharges.
Capacity Fees	0.9	0.9	Monthly fee charged to the holders of capacity rights in the IEBL system and the Regional program, and CIP fees to cover debt service costs.
Debt Proceeds	0.0	17.4	Proposed new debt, WIFIA, and State Revolving Fund (SRF) loan proceeds for the Philadelphia Lift Station Force Main Improvements and Pump Station Upgrade projects.
Other	1.4	1.0	Wastewater connection fee transfer from the Regional Wastewater Capital fund, and interest earned on reserve balances.
Total	\$16.2	\$34.0	

*Strength charges are calculated on Total Suspended Solids (TSS), Chemical Oxygen Demand (COD) and Biochemical Oxygen Demand (BOD)

Listed in Table 12 are the proposed pass-through rates for FY 2023/24 for the north and south systems.

Table 12: Non-Reclaimable Wastewater NRWS & IEBL Pass-Through Rates

Rate Description	Current FY 2022/23	Proposed FY 2023/24
NRWS System	13,362 CU	12,589 CU
Flow/mg	\$842.08	\$870.13
COD/klb	\$168.63	\$174.03
TSS/klb	\$402.50	\$416.19
Peak/mg	\$330.07	\$340.95
CU Purchase	\$4,172.00	\$4,172
CU Lease	\$208.60/CU/Yr.	\$208.60/CU/Yr.

Rate Description	Current FY 2022/23	Proposed FY 2023/24
IEBL System		
Capacity/CU	\$435.43	\$435.43
Flow/mg	\$1,049.00	\$1,073.00
BOD/klb	\$353.00	\$394.00
TSS/klb	\$520.00	\$494.00

In addition to the pass-through rates which fully recover operating and capital costs from LACSD and SAWPA, the Agency collects agency program charges, based on the number of capacity units, from the Non-Reclaimable Wastewater (NRW) industries in the north system. A 50 percent operating surcharge on the volumetric, capacity, and strength charges for non-recycled water users is collected from NRW industries in the south system. Program charges and operating surcharges support Agency program costs.

In 2014/15, to promote the use of recycled water throughout the Agency's service area, the NRW recycled water users in both north and south system paid 50 percent of the Agency's direct recycled water rate of \$890.04 per million gallons (mg), this rate served as the baseline rate. The discounted recycled water rate decreases five percent each fiscal year until the discount sunsets on June 30, 2024. The recycled water credit for FY 2023/24 is \$44.51 per million gallons.

Expenses and Other Uses of funds

Total expenses and other uses of funds are budgeted at \$19.5 million and \$30.7 million in FYs 2023/24 and 2024/25. As reported in Table 13, a major expense in the Non-Reclaimable Wastewater fund are the operating "pass-through" fees from LACSD and SAWPA.

Table 13: Major Expenses and Other Uses of Funds - Non-Reclaimable Wastewater Fund

Major Uses of Funds (\$ in Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Operating Fees	\$8.0	\$8.3	LACSD and SAWPA pass through fees.
Capital Improvement Plan (CIP)	5.2	16.0	Major capital projects summarized in Table 12.
Administration & Operations	5.7	5.8	Agency employment, chemicals, materials and supplies, professional fees, utilities, and other operating costs.
Debt Service	0.6	0.6	Principal, interest, and financial expense for NRW's share of 2017A Bonds.
Total	\$19.5	\$30.7	

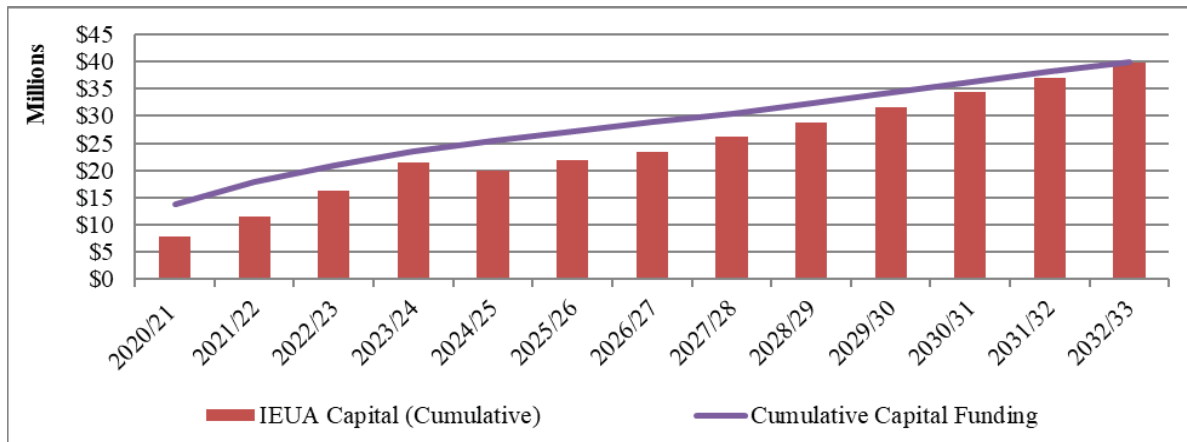
A total of \$5.2 million capital project costs are budgeted in FY 2023/24 and \$16.0 million are projected in FY 2024/25. A summary of the major capital projects budgeted in the Non-Reclaimable Wastewater fund is provided in Table 14.

Table 14: Major Projects - Non-Reclaimable Wastewater Fund

Major Projects (\$ in Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
Philadelphia Lift Station Force Main Improvements	\$1.5	\$10.0	\$10.0	\$21.5
Philadelphia Lift Station Pump Upgrades	0.3	4.0	2.0	6.3
*NSNT Sewer Siphon Replacement	2.4	0.3	-	2.7
NRW Collection System Pipe Rehabilitation and Lining	0.5	1.0	6.0	7.5
All Other Projects	0.5	0.7	6.1	7.3
Total Capital Projects	\$5.2	\$16.0	\$24.1	\$45.3

*NSNT – North System North Trunk

In FY 2015/16 the Agency began recovering its previously deferred capital costs. Recovery of these costs was approved by the Board of Directors to mitigate the upward pressure on rate adjustments to Non-Reclaimable Wastewater program customers. Due to increasing capital expenditures in FY 2023/24 through FY 2025/26 full recovery of the Agency’s capital cost is not projected to be reached in until FY 2032/33. Pass through recovery of capital expenditures, shown in Figure 5 below, includes NRW industry capital recovery fees and supplemental funding. Supplemental funding includes a portion of inter-fund loan receipts received from the Recycled Water fund and an annual wastewater connection fee transfer from the Regional Wastewater Capital fund.

Figure 5: Recovery of Cumulative Capital Expenditures

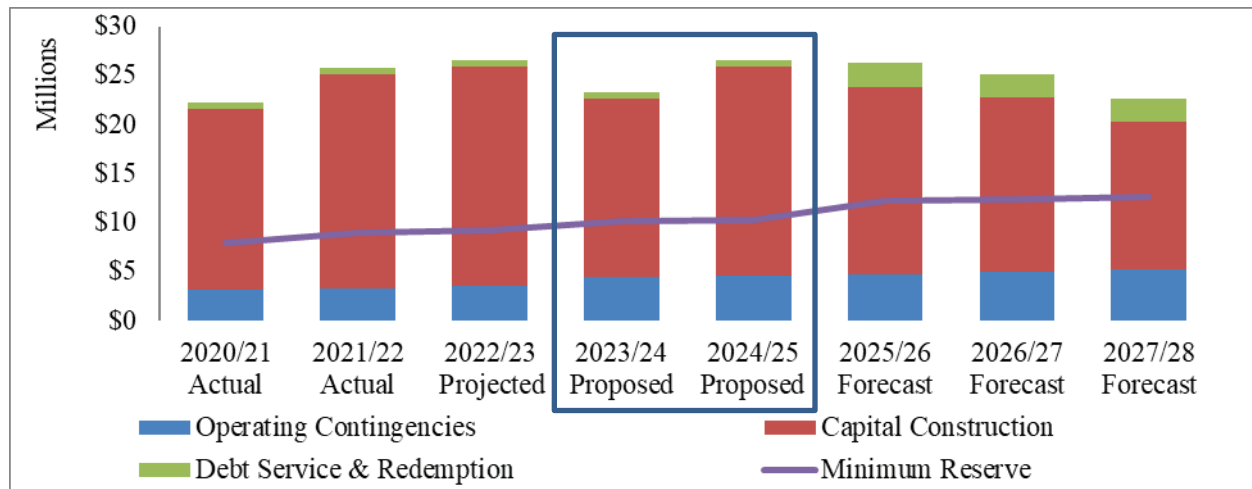
Debt Service

Debt service costs include the Non-Reclaimable Wastewater Fund’s share of 2017A Revenue Bonds of \$0.6 million for FYs 2023/24 and 2024/25. Debt service costs are recovered from both NRWS and IEBL system customers.

Reserve Balance

The Non-Reclaimable Wastewater ending fund balance in FY 2023/24 is estimated to be \$23.3 million and \$26.6 million for FY 2024/25. The increased reserve balance in FY 2025/26 can be attributed to debt proceeds in support of capital costs.

Figure 6: Non-Reclaimable Wastewater Fund Reserve Balance by Type



Recharge Water Fund

The Recharge Water (RW) fund accounts for the revenues and expenses associated with groundwater recharge (GWR) operations and maintenance (O&M) through joint efforts with Chino Basin Watermaster (CBWM), Chino Basin Water Conservation District (CBWCD), and the San Bernardino County Flood Control District (SBCFCD). Operating expenses include general basin maintenance and/or restoration, groundwater administration (e.g., labor, tools, and supplies), contracted services (e.g., weeding and vector control), compliance reporting, and environmental documentation for permit compliance.

Total budgeted revenues, other funding sources, and inter-fund contributions and support for FY 2023/24 is \$13.3 million and for FY 2024/25 is \$5.0 million. The budget is comprised of reimbursements from CBWM for groundwater recharge facilities' O&M, capital project support, and debt service costs. Also included are State Revolving Fund (SRF) loan and grant receipts, and the remaining balance is contributed by IEUA for its portion of capital and debt service (50/50 share with CBWM), and pro-rata share of O&M costs. Table 15 shows a summary of revenues and other funding sources.

Table 15: Recharge Water Fund Revenues and Other Funding Sources

Major Funding Sources (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Watermaster Operating Cost Reimbursement	\$1.5	\$1.0	Reimbursement of ground water recharge O&M and facilities.
Watermaster Debt Service	1.3	1.5	Reimbursement for CBWM* share of debt service costs for the 2020A Refunding of the 2008B bonds.
State Revolving Fund (SRF) Loan	5.8	0.0	Loan proceeds to support 2013 Recharge Mater Plan Update (RMPU) projects.
Grants	2.4	0.3	Grant proceeds to support 2013 RMPU projects.
Other	2.3	2.2	Interest revenue and inter-fund transfer for the Agency's operating support for pro-rata share of groundwater basin maintenance, capital projects, non-reimbursable labor, and debt service from the Recycled Water and Wastewater Capital funds.
Total	\$13.3	\$5.0	

*Chino Basin Watermaster

Total Recharge Water program expenses for FYs 2023/24 and 2024/25 are \$11.0 million, and \$8.9 million. Key expense includes capital costs related to the 2013 Recharge Master Plan Update (2013 RMPU) projects, debt service costs for the Chino Basin Facilities Improvement Project (CBFIP) 2020A Refunding bonds, inter-fund loan repayment to the Recycled Water fund, and groundwater O&M costs. A summary of the inter-fund loan repayment schedule is provided in Appendix Table A4.

The FYs 2023/24 and 2024/25 groundwater O&M budget, shown below in Table 16, includes utilities, general groundwater basin maintenance costs, and groundwater recharge safety improvements on the basins.

Table 16: Recharge Water Major Expenses & Other Uses of Funds

Major Uses of Funds (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Operating Expense	\$3.2	\$2.4	Program support for maintenance, utilities, and specialty O&M, CBWCD and SBCFCD costs, and IEUA's pro-rata share.
Debt Service	5.8	5.6	Principal, interest, and financial expense for the 2020A Revenue bonds,

Major Uses of Funds (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
			and inter-fund loan repayment to the Recycled Water Fund.
Capital Improvement Plan (CIP)	2.0	0.9	Capital project costs shared with Watermaster for RMPU projects.
Total	\$11.0	\$8.9	

Capital project costs for the Recharge Water fund for FY 2023/24 are \$2.0 million and for FY 2024/25 are \$0.9 million. CBWM updated the Recharge Master Plan and Agency staff is taking the lead in the execution and administration of the capital projects, completion of these projects is projected for FY 2023/24. Table 17 is a summary of major projects in the Recharge Water program and respective cost sharing ratio between IEUA and CBWM.

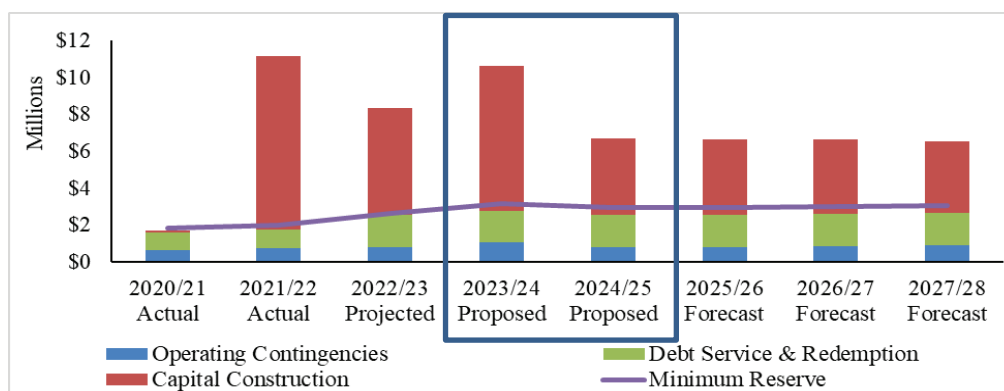
Table 17: Recharge Water Fund Capital Projects and Cost Sharing

Major Projects (\$Millions)	FY 2023/24	FY 2024/25	TYCIP Total	IEUA Cost Share	CBWM Cost Share
Recharge Master Plan Update	\$1.8	\$0.3	\$2.1	0%*	100%
Asset Management	0.1	0.5	4.6	50%	50%
Groundwater Basin PLC Upgrades	0.0	0.0	1.0	50%	50%
All Other Projects	0.1	0.1	0.8	50%	50%
Total	\$2.0	\$0.9	\$8.5		

* IEUA is responsible for 9% of the Wineville, Jurupa, RP3 Basin Improvements, one of three active RMPU projects included here

The ending fund balance for FYs 2023/24 and 2024/25 is projected to be \$10.6 million and \$6.7 million (Figure 7). For the following fiscal years, the ending fund balance is estimated to average \$6.5 million per year based on current assumptions.

Figure 7: Recharge Water Fund Reserve by Type



Conclusion

Over the next two fiscal years, the Agency will continue to work towards execution of critical expansion and replacement and rehabilitation (R&R) projects, including continued evaluation of the CBP/WSIP project to secure funding of the \$212 million Prop 1 conditional award from the California Water Commission. Additionally, the proposed biennial budget supports increased human capital to ensure fulfillment of Agency objectives and organizational effectiveness. Achieving these objectives will ensure that the Agency can continue its commitment to delivering essential high-quality services in a cost-effective manner, supporting the region's economic development, and maintaining the Agency's fiscal health.

As the Non-Reclaimable Wastewater System rates are finalized, these will be brought back to the Board for review and approval in June 2023.

The Appendix contains the Sources and Uses of Fund reports of the Agency's Administrative Services, Water Resources, and Non-Reclaimable Wastewater programs. The proposed budget for these programs is consistent with the IEUA Business Goals of *Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship and Business Practices*.

Additional Background Information

Appendix A – Sources and Uses of Funds: Administrative Services, Water Resources, Non-Reclaimable Wastewater, Recharge Water.

Appendix Table A1 – Acronyms

Appendix Table A2 – Key assumptions for FYs 2023/24 and 2024/25 budget

Appendix Table A3 – Adopted rates for Water Resources Fund

Appendix Table A4 – Inter-fund loan repayment schedule

Appendix Table A5 – Major projects in FYs 2023/24 and 2024/25 and total ten-year budget

Appendix A

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
ADMINISTRATIVE SERVICES FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
	ACTUAL	ACTUAL	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET	FORECAST		
REVENUES								
Property Tax	1972	3221	3487	3557	3614	3671	3730	3791
Cost Reimbursement from JPA	1316	1318	1520	1858	2020	2042	2201	2437
Interest Revenue	130	140	191	243	243	242	240	237
TOTAL REVENUES	\$3,418	\$4,679	\$5,198	\$5,658	\$5,877	\$5,955	\$6,171	\$6,465
OTHER FINANCING SOURCES								
Other Revenues	34	293	2	2	2	2	2	2
TOTAL OTHER FINANCING SOURCES	34	306	2	2	2	2	2	2
EXPENSES								
Employment Expenses	\$1,647	\$1,041	\$1,975	\$2,181	\$2,541	\$2,570	\$2,760	\$3,040
Contract Work/Special Projects	76	580	358	717	433	433	433	2,215
Utilities	574	761	775	777	853	894	937	984
Operating Fees	16	21	16	43	45	46	47	49
Professional Fees and Services	3,245	3,265	4,745	7,316	7,314	9,054	9,459	9,824
Office and Administrative expenses	1,083	1,298	1,793	3,213	3,597	3,241	3,555	3,486
Materials & Supplies	576	560	465	577	565	476	487	503
Other Expenses	(3,341)	(3,764)	(5,336)	(8,679)	(8,890)	(10,363)	(10,851)	(11,313)
TOTAL EXPENSES	\$3,877	\$3,763	\$4,791	\$6,145	\$6,458	\$6,351	\$6,827	\$8,787
CAPITAL PROGRAM								
Capital Expansion & Construction	1960	2151	3784	4248	6408	9280	8354	2643
TOTAL CAPITAL PROGRAM	\$1,960	\$2,151	\$3,784	\$4,248	\$6,408	\$9,280	\$8,354	\$2,643
DEBT SERVICE								
Financial Expenses	\$24	\$19	\$18	\$20	\$21	\$22	\$22	\$23
Interest	0	3	0	0	0	0	0	0
TOTAL DEBT SERVICE	\$24	\$23	\$18	\$20	\$21	\$22	\$22	\$23
TRANSFERS IN (OUT)								
Capital Contribution	\$1,396	\$1,556	\$2,521	\$2,132	\$4,636	\$6,852	\$6,210	\$1,912
Operation support	56	569	297	567	400	400	400	1,689
Capital - Connection Fees Allocation	552	571	1,246	1,219	1,700	2,318	2,050	1,184
One Water	33	35	79	1,047	105	143	127	73
Property Tax Transfer	0	0	0	0	0	0	0	0
TOTAL INTERFUND TRANSFERS IN (OUT)	\$2,036	\$2,731	\$4,142	\$4,965	\$6,841	\$9,713	\$8,787	\$4,858
FUND BALANCE								
Net Income (Loss)	(\$372)	\$1,780	\$749	\$211	(\$167)	\$18	(\$243)	(\$128)
Beginning Fund Balance July 01	11,892	11,520	13,300	14,048	14,260	14,093	14,110	13,867
ENDING FUND BALANCE AT JUNE 30*	\$11,520	\$13,300	\$14,048	\$14,260	\$14,093	\$14,110	\$13,867	\$13,739
RESERVE BALANCE SUMMARY								
Operating Contingency	\$1,938	\$1,881	\$2,395	\$3,072	\$3,229	\$3,176	\$3,413	\$4,393
Self-Insurance Program	3,582	\$5,418	\$5,653	\$5,187	\$4,863	\$4,935	\$4,453	\$3,345
Employee Retirement Benefit	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
ENDING BALANCE AT JUNE 30	\$11,520	\$13,300	\$14,048	\$14,260	\$14,093	\$14,110	\$13,867	\$13,739

*Numbers may not total due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
WATER RESOURCES FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
	ACTUAL	ACTUAL	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET	FORECAST		
REVENUES								
User Charges	\$7,492	\$8,285	\$9,289	\$9,394	\$9,610	\$9,773	\$9,911	\$10,080
Contract Cost reimbursement	198	51	150	248	248	248	248	248
Interest Revenue	213	170	217	460	540	560	590	620
Water Sales	45,561	42,976	42,962	53,028	56,664	60,660	64,848	69,480
TOTAL REVENUES	\$53,465	\$51,483	\$52,617	\$63,130	\$67,062	\$71,241	\$75,597	\$80,428
OTHER FINANCING SOURCES								
Property Tax - Debt and Capital	\$9,806	\$2,505	\$2,712	\$2,766	\$2,811	\$2,856	\$2,901	\$2,948
Grants	122	7,331	1,710	10	10	10	10	10
Other Revenues	136	252	0	0	0	0	0	0
TOTAL OTHER FINANCING SOURCES	\$10,065	\$10,089	\$4,422	\$2,776	\$2,821	\$2,866	\$2,911	\$2,958
EXPENSES								
Employment Expenses	\$2,823	\$2,455	\$3,347	\$3,818	\$4,152	\$4,198	\$4,524	\$5,009
Contract Work/Special Projects	2,279	2,143	2,319	3,161	2,725	2,725	2,728	2,100
Operating Fees	3,154	3,346	3,770	3,917	3,995	4,074	4,154	4,236
Professional Fees and Services	375	265	342	574	578	583	487	491
Office and Administrative expenses	3	0	1	4	4	4	4	5
MWD Water Purchases	45,561	42,937	42,962	53,028	56,664	60,660	64,848	69,480
Other Expenses	242	589	370	496	510	582	610	637
TOTAL EXPENSES	\$54,438	\$51,736	\$53,111	\$64,999	\$68,629	\$72,827	\$77,355	\$81,957
CAPITAL PROGRAM								
Capital Construction & Expansion	\$1,206	\$1,428	\$5,200	\$3,500	\$1,000	\$0	\$0	\$0
TOTAL CAPITAL PROGRAM	\$1,206	\$1,428	\$5,200	\$3,500	\$1,000	\$0	\$0	\$0
TRANSFERS IN (OUT)								
Water Connections	\$748	\$486	\$1,526	\$1,173	\$551	\$551	\$551	\$430
TOTAL INTERFUND TRANSFERS IN (OUT)	\$748	\$486	\$1,526	\$1,173	\$551	\$551	\$551	\$430
FUND BALANCE								
Net Income (Loss)	\$8,634	\$8,893	\$255	(\$1,420)	\$804	\$1,831	\$1,704	\$1,860
Beginning Fund Balance July 01	18,449	27,082	35,976	36,230	34,810	35,614	37,445	39,150
ENDING FUND BALANCE AT JUNE 30	\$27,082	\$35,976	\$36,230	\$34,810	\$35,614	\$37,445	\$39,150	\$41,009
RESERVE BALANCE SUMMARY								
Capital / Operation Contingencies	\$5,638	\$5,379	\$5,656	\$7,021	\$7,296	\$7,670	\$8,106	\$8,454
Water Resources Capital	21,444	30,597	30,574	27,789	28,318	29,775	31,044	32,555
ENDING BALANCE AT JUNE 30	\$27,082	\$35,976	\$36,230	\$34,810	\$35,614	\$37,445	\$39,150	\$41,009

* Numbers may not total due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
NON-RECLAIMABLE WASTEWATER FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
	ACTUAL	ACTUAL	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET	FORECAST		
REVENUES								
User Charges	\$10,388	\$13,013	\$12,684	\$14,501	\$15,256	\$15,521	\$16,291	\$16,573
Interest Revenue	188	150	156	400	400	400	390	350
TOTAL REVENUES	\$10,576	\$13,162	\$12,841	\$14,901	\$15,656	\$15,921	\$16,681	\$16,923
OTHER FINANCING SOURCES								
Debt Proceeds	\$0	\$0	\$0	\$0	\$11,523	\$6,644	\$0	\$0
Other Revenues	580	799	\$543	\$300	\$300	\$300	\$300	\$300
Sale of Capacity	1,505	0	0	0	0	0	0	0
Loan Transfer from Internal Fund	4,000	3,000	3,000	0	0	0	0	0
TOTAL OTHER FINANCING SOURCES	\$6,085	\$3,799	\$3,543	\$300	\$17,733	\$10,244	\$1,290	\$300
EXPENSES								
Employment Expenses	\$1,800	\$1,731	\$2,162	\$3,409	\$3,707	\$3,748	\$4,039	\$4,472
Contract Work/Special Projects	314	430	786	620	332	332	382	382
Utilities	98	107	127	145	149	154	159	164
Operating Fees	6,702	7,236	6,905	8,019	8,254	8,496	8,745	9,001
Chemicals	125	175	173	350	361	371	382	394
Professional Fees and Services	48	43	301	205	216	222	227	233
Office and Administrative expenses	0	0	0	25	25	25	25	25
Biosolids Recycling	23	0	6	23	25	26	27	28
Materials & Supplies	62	49	123	82	85	88	90	93
Other Expenses	273	332	280	721	739	860	900	938
TOTAL EXPENSES	\$9,444	\$10,103	\$10,861	\$13,599	\$13,893	\$14,322	\$14,976	\$15,729
CAPITAL PROGRAM								
Capital Expansion/Construction	\$3,334	\$3,759	4,702	5,155	16,006	11,730	1,730	1,730
TOTAL CAPITAL PROGRAM	\$3,334	\$3,759	\$4,702	\$5,155	\$16,006	\$11,730	\$1,730	\$1,730
DEBT SERVICE								
Financial Expenses	\$7	\$32	\$4	\$6	\$6	\$6	\$6	\$6
Interest	266	251	236	218	197	176	707	684
Principal	317	331	348	398	418	440	1,761	1,658
TOTAL DEBT SERVICE	\$590	\$613	\$588	\$622	\$621	\$622	\$2,473	\$2,348
TRANSFERS IN (OUT)								
Capital Contribution	(\$47)	(\$53)	(\$86)	(\$73)	(\$158)	(\$233)	(\$211)	(\$65)
Operation support	(2)	(19)	(10)	(19)	(14)	(14)	(14)	(57)
Property Tax Transfer	909	1,075	702	990	584	495	211	211
TOTAL INTERFUND TRANSFERS IN (OUT)	\$860	\$1,003	\$606	\$898	\$413	\$248	(\$14)	\$88
FUND BALANCE								
Net Income (Loss)	\$4,153	\$3,489	\$838	(\$3,276)	\$3,281	(\$259)	(\$1,222)	(\$2,495)
Beginning Fund Balance July 01	18,074	22,227	25,716	26,554	23,278	26,560	26,301	25,078
ENDING FUND BALANCE AT JUNE 30*	\$22,227	\$25,716	\$26,554	\$23,278	\$26,560	\$26,301	\$25,078	\$22,583
RESERVE BALANCE SUMMARY								
Operating Contingencies	\$3,148	\$3,368	\$3,620	\$4,533	\$4,631	\$4,774	\$4,992	\$5,243
Capital Construction	18,491	21,760	22,312	18,124	21,307	19,053	17,738	14,978
Debt Service	588	588	622	621	622	2,473	2,348	2,362
ENDING BALANCE AT JUNE 30	\$22,227	\$25,716	\$26,554	\$23,278	\$26,560	\$26,301	\$25,078	\$22,583

* Numbers may not total due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
RECHARGE WATER FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
	ACTUAL	ACTUAL	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET	FORECAST		
REVENUES								
Cost Reimbursement from JPA	\$1,303	\$1,113	\$895	\$1,061	\$1,026	\$1,057	\$1,089	\$1,122
Interest Revenue	2	0	100	80	100	90	80	70
TOTAL REVENUES	\$1,305	\$1,113	\$1,073	\$1,551	\$1,126	\$1,147	\$1,169	\$1,192
OTHER FINANCING SOURCES								
State Loans	\$0	\$6,956	\$3,996	\$5,765	\$0	\$0	\$0	\$0
Grants	1,155	4,143	3,402	2,443	308	0	0	0
Capital Contract Reimbursement	378	352	707	1,249	1,483	1,762	1,763	1,489
TOTAL OTHER FINANCING SOURCES	\$2,466	\$18,460	\$8,105	\$9,458	\$1,792	\$1,762	\$1,763	\$1,489
EXPENSES								
Employment Expenses	\$883	\$847	\$867	\$986	\$1,073	\$1,085	\$1,169	\$1,294
Contract Work/Special Projects	0	225	181	902	82	82	82	82
Utilities	62	53	85	83	88	90	93	96
Operating Fees	11	3	8	8	8	8	9	9
Professional Fees and Services	757	912	1,171	1,099	1,024	1,050	1,077	1,105
Materials & Supplies	133	148	109	121	116	120	123	127
TOTAL EXPENSES	\$1,859	\$2,189	\$2,436	\$3,215	\$2,407	\$2,452	\$2,570	\$2,731
CAPITAL PROGRAM								
Capital Expansion/Construction	\$3,149	\$8,425	\$10,383	\$2,086	\$857	\$1,093	\$1,097	\$550
TOTAL CAPITAL PROGRAM	\$3,149	\$8,425	\$10,383	\$2,086	\$857	\$1,093	\$1,097	\$550
DEBT SERVICE								
Financial Expenses	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1
Interest	392	398	530	506	380	350	313	273
Principal	519	559	634	1,233	1,337	1,393	1,431	1,467
Short Term Inter-Fund Loan	0	0	0	4,000	3,933	0	0	0
TOTAL DEBT SERVICE	\$912	\$958	\$1,164	\$5,739	\$5,650	\$1,744	\$1,744	\$1,740
TRANSFERS IN (OUT)								
Capital Contribution	\$0	\$144	\$112	\$127	\$227	\$421	\$422	\$212
Debt Service	456	479	555	528	478	478	478	477
Operation support	411	851	1,180	1,662	1,299	1,313	1,400	1,527
Water Connection	8	2	113	16	68	126	126	63
TOTAL INTERFUND TRANSFERS IN (OUT)	\$875	\$1,476	\$1,960	\$2,333	\$2,072	\$2,338	\$2,426	\$2,278
FUND BALANCE								
Net Income (Loss)	(\$1,274)	\$9,477	(\$2,847)	\$2,302	(\$3,924)	(\$42)	(\$52)	(\$63)
Beginning Fund Balance July 01	2,987	1,713	11,190	8,344	10,646	6,722	6,679	6,627
ENDING FUND BALANCE AT JUNE 30*	\$1,713	\$11,190	\$8,344	\$10,646	\$6,722	\$6,679	\$6,627	\$6,564
RESERVE BALANCE SUMMARY								
Operating Contingencies	\$620	\$730	\$812	\$1,072	\$802	\$817	\$857	\$910
Capital Expansion / Construction	135	9,432	5,793	7,857	4,175	4,118	4,029	3,908
Debt Service & Redemption	958	1,029	1,739	1,717	1,744	1,744	1,740	1,746
ENDING BALANCE AT JUNE 30	\$1,713	\$11,190	\$8,344	\$10,646	\$6,722	\$6,679	\$6,627	\$6,564

* Numbers may not total due to rounding

Appendix Table A1: Acronyms

Acronyms	
AF	Acre Foot
CBFIP	Chino Basin Facilities Improvement Project
CBP	Chino Basin Program
CBWM	Chino Basin Water Master
CCWRF	Carbon Canyon Wastewater Reclamation Facility
CIP	Capital Improvement Plan
EDU	Equivalent Dwelling Unit
FTE	Full Time Equivalent
FY	Fiscal Year
GG	Administrative Services Program
GWR	Groundwater Recharge
IERCA	Inland Empire Regional Composting Authority
kWh	Kilowatt hour
MEU	Meter Equivalent Unit
NC	Non-Reclaimable Wastewater Program
NRW	Non-Reclaimable Wastewater
O&M	Operations & Maintenance
R&R	Replacement & Rehabilitation
RC	Regional Wastewater Capital Improvement Program
RMPU	Recharge Master Plan Update
RO	Regional Wastewater Operations and Maintenance Program
RP-1	Regional Water Reclamation Facility (Plant) in the City of Ontario
RP-2	Regional Water Reclamation Facility (Plant) in the City of Chino
RP-3	Old Regional Water Reclamation Facility (Plant) in the City of Fontana rebuilt into a recharge facility with 4 recharge basins or cells.
RP-4	Regional Water Reclamation Facility (Plant) in the City of Rancho Cucamonga
RP-5	Regional Water Reclamation Facility (Plant) in the City of Chino
RRWDS	Regional Recycled Water Distribution System
RW	Recharge Water Program
SBCFCD	San Bernardino County Flood Control District
SCADA	Supervisory Control and Data Acquisition
SRF	State Revolving Fund
TCE	Trichloroethylene
TYCIP	Ten Year Capital Improvement Plan
WW	Water Resources Program

Appendix Table A2: Key Assumptions for FYs 2023/24 and 2024/25 Proposed Budget

Revenues and Other Funding Sources	Expenses and Other Uses of Funds
2% average growth in property tax receipts. Maintaining allocation among funds: Regional Wastewater Capital 65%, Regional Wastewater O&M 23%, Recycled Water 4%, Water Resources Fund 3.5%, and Administrative Services Fund 4.5%.	Debt, loan, and grants to support major construction projects
Reimbursement from CDA and IERCA for labor and O&M expenses.	Increase staffing to support Agency Objectives and Optimize organizational development and effectiveness.
Pass through sales of MWD imported water of 60,000 AF for both 2023/24 and 2024/25	Addition of several major construction projects within the next two-year period.
Grant and other reimbursements to support water efficiency programs.	Leverage professional services to achieve effective maintenance approach.

Appendix Table A3: Adopted Rates for Water Resources Fund

Fiscal Year	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
*RTS TYRA 7YR	45%	60%	75%	90%	100%	100%	100%
**MEU rate: \$/MEU	\$0.99	\$1.04	\$1.04	\$1.08	\$1.10	\$1.12	\$1.14

* RTS TYRA – Readiness to Serve Ten Year Rolling Average, consistent with MWD cost allocation methodology.

** MEU – Meter Equivalent Unit size 5/8” or ‘3/4”.

Appendix Table A4: Recharge Water Fund Repayment of Inter-Fund Loan

Inter Fund Loans Issued	Due to	Loan Amount (\$ in Millions)	Repayment Schedule
FY 2020/21	Recycled Water (WC) Fund	0.9	2024/25 \$0.9 Total \$0.9
FY 2021/22	Recycled Water (WC) Fund	7.0	2023/24 \$4.0 2024/25 \$3.0 Total \$7.0
Total	Grand Total	\$7.9	\$7.9

Appendix Table A5: Major Projects in FYs 2023/24 and 2024/25

Projects (\$Thousands)	FY 2023/24 Proposed	FY 2024/25 Proposed	Total Ten-Year Budget
Administrative Services Fund			
Wide Area Microwave Radio Update	\$0.5	\$0.5	\$7.4
ERP Implementation	0.0	1.0	10.0
IT Infrastructure Assets Replacement	0.3	0.3	3.4
Central Plant Cooling Tower Replacement	0.4	1.7	2.9
Structural Agency Wide Roofing Phase II	0.3	1.0	2.6
Asset Management Projects	0.1	0.1	8.1
Total Administrative Services Fund	\$1.6	\$4.6	\$34.4
Non-Reclaimable Wastewater Fund			
Philadelphia Lift Station Force Main Improvement	\$1,500	\$10,000	\$21,500
NSNT Sewer Siphon Replacement	2,385	276	2,661
Philadelphia Lift Station Pump Upgrades	335	4,000	6,335
NRW Collection System Pipe Rehabilitation	500	1,000	7,500
NRW Asset Management Projects	200	500	4,700
Total Non-Reclaimable Wastewater Fund	\$4,920	\$15,776	\$42,696
Water Resources Fund			
Chino Basin Program/WSIP	\$3,500	\$1,000	\$4,500
Water Use Efficiency and Reliability Programs	1,600	1,600	16,000
Water Resources Planning Documents	250	250	2,500
Upper Santa Ana River Habitat Conservation Plan Model Water Benefits	250	250	2,250
Chino Basin Water Bank Planning Authority	276	250	1,026
Regional Imported Supply Reliability Analysis	250	250	1,000
Total Water Resources Fund	\$6,126	\$3,600	\$27,276
Recharge Water Fund			
Recharge Master Plan Update	1,800	266	2,066
Asset Management	100	500	4,600
Groundwater Basin PLC Upgrades	0	0	1,000
SCADA Infrastructure	40	40	539
GWR OIT Upgrades	0	50	150
Total Recharge Water Fund	\$1,940	\$856	\$8,356



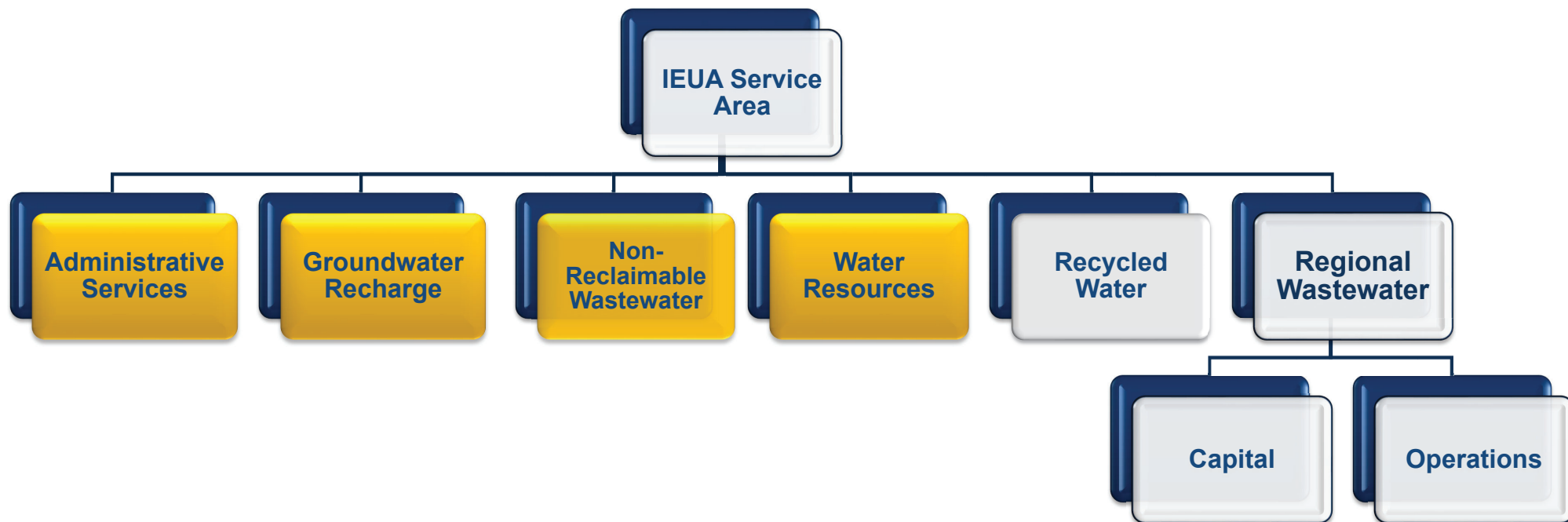
Biennial Budget for Fiscal Years 2023/24 and 2024/25 for Administrative Services, Non-Reclaimable Wastewater, Recharge Water, and Water Resources Funds

Alex Lopez

Budget Officer

May 2023

Fund Structure



Key Assumptions

- Inflation driven increases operating expenses: Utilities and chemicals
- Staffing to support Agency objectives
- Capital projects based on the Proposed Ten-Year Capital Improvement Plan (TYCIP) FYs 2024-2033
 - Support growth, asset management, and regulatory compliance
 - Financing with debt, low interest federal and state loans, while pursuing grant opportunities
- Maintain property tax allocation by fund

Rates and Fees

Fund	Water Resources		Non-Reclaimable Wastewater
As of July, 1	Meter Equivalent Units (MEU)*	MWD RTS Pass-through*	Pass through rates from LACSD and SAWPA**
FY 2020/21	\$1.04	75%	
FY 2021/22	\$1.08	90%	
FY 2022/23	\$1.10	100%	
FY 2023/24	\$1.12	100%	
FY 2024/25	\$1.14	100%	

*Rates for FYs 2020/21 through 2024/25 adopted July 2020

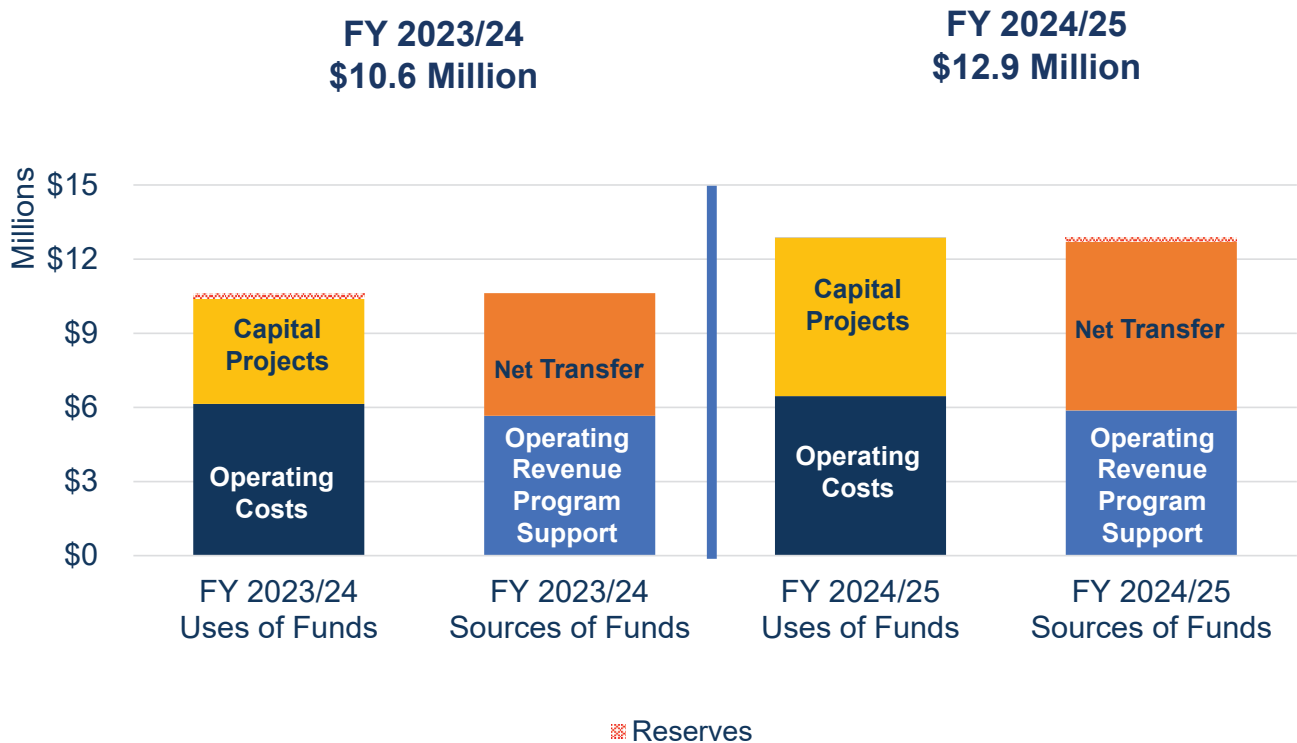
**FY 2023/24 rates for the north systems were adopted by LACSD in May 2022, SAWPA pass-through rates for the southern Inland Empire Brine Line system to be adopted in May 2023.

Property Tax Allocation

- Maintain property tax fixed percent allocation

Fund	Current Allocation Fixed %	FY 2022/23 Projected Actual	FY 2023/24 Proposed	FY 2024/25 Proposed
Regional Wastewater Capital	65%	\$50.4M	\$51.4M	\$52.2M
Regional Wastewater Operations	23%	17.8M	18.2M	18.5M
Recycled Water	4%	2.9M	3.1M	3.2M
Administrative Services	4.5%	3.5M	3.5M	3.6M
Water Resources	3.5%	2.7M	2.8M	2.8M
Total		\$77.3M	\$79.0M	\$80.3M

Administrative Services Fund Total Sources and Uses of Funds

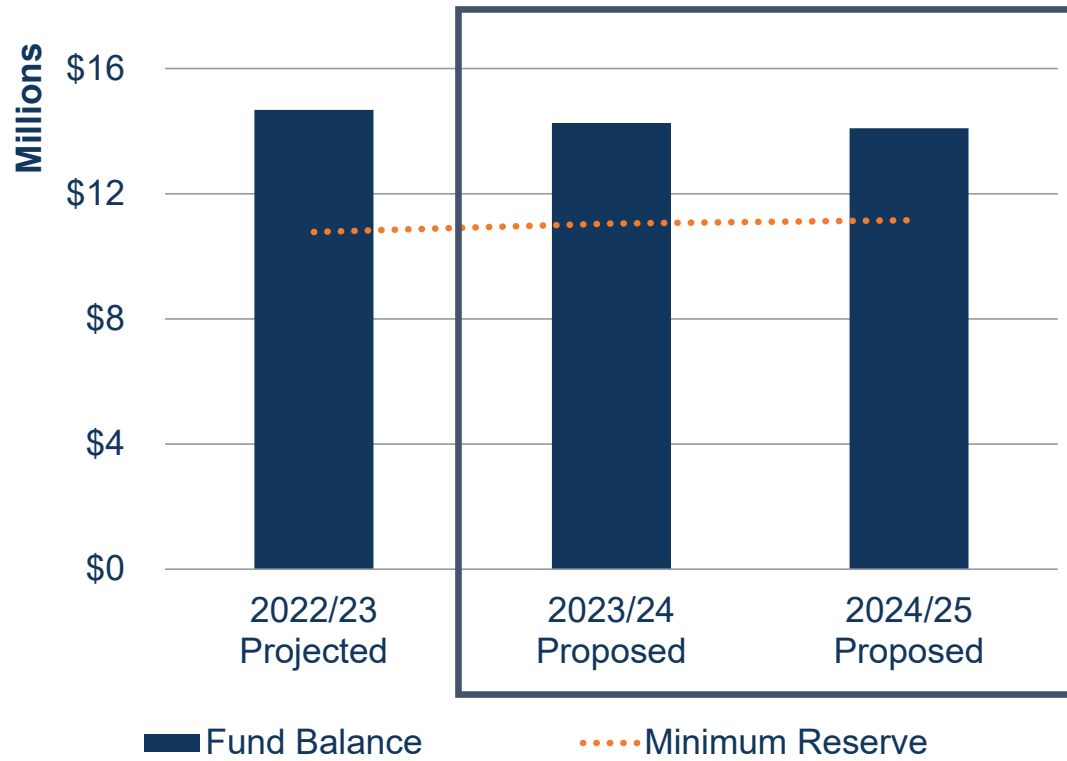


Major Projects:

- ERP Assessment and Implementation Planning
- Asset Management Project
- Agency Wide Area Microwave Radio Updates
- IT Infrastructure Assets Replacement
- Central Plant Cooling Tower Replacement
- Agency Wide Roofing

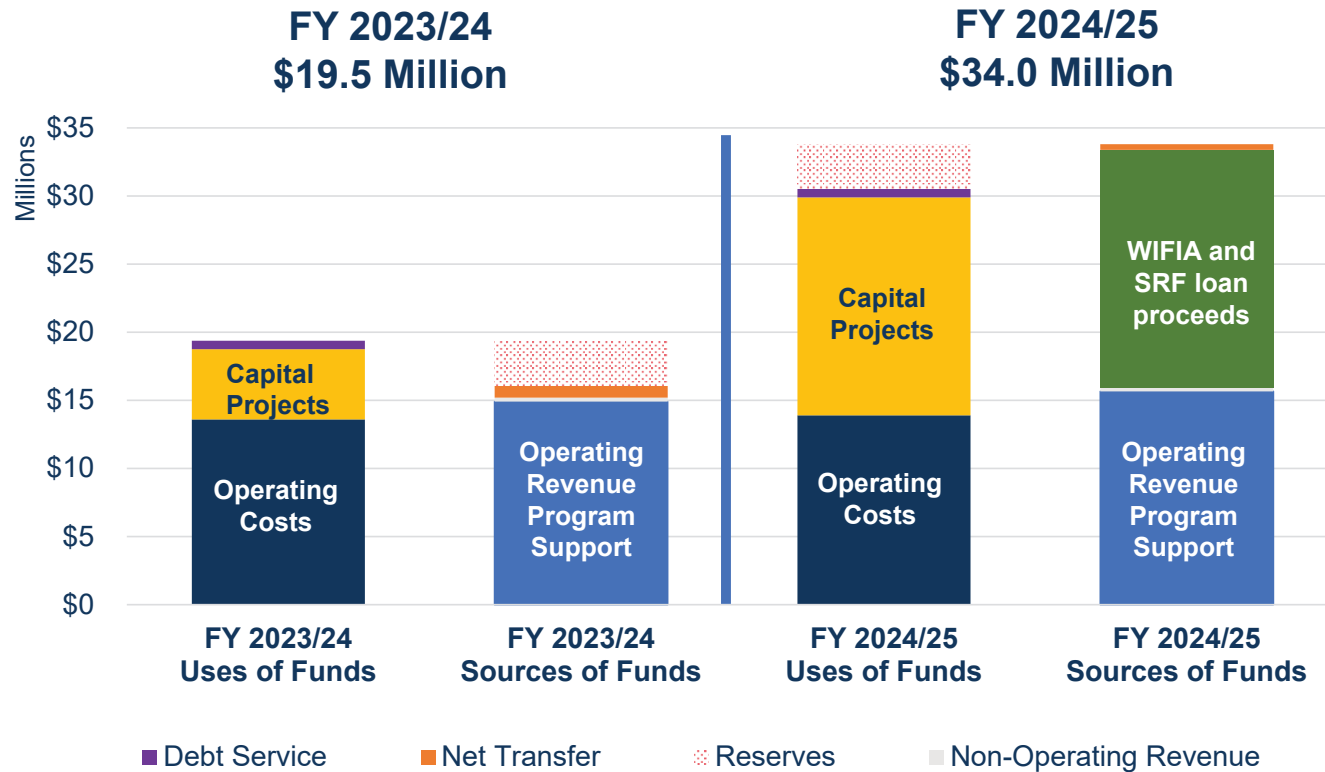
Net Transfers = Inter-fund transfers from Regional Wastewater programs, Non-Reclaimable Wastewater, and Recycled Water funds to support project costs.

Administrative Services Fund Reserves



FY 2023/24 projected reserve decrease due to increase in employment expenses.

Non-Reclaimable Wastewater Fund Total Sources and Uses of Funds



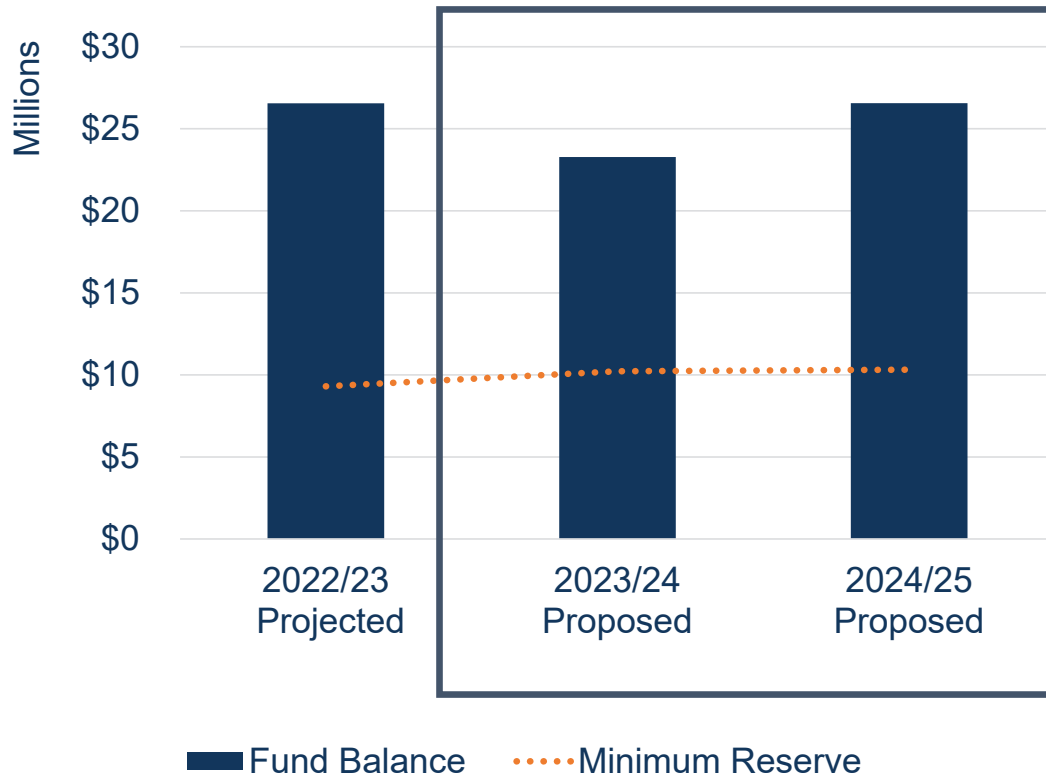
Major Projects:

- Philadelphia Lift Station Force Main Improvements
- Philadelphia Lift Station Pump Upgrades
- NRW Collection System Pipe Rehabilitation
- NSNT* Sewer Siphon Replacement
- NRW Asset Management Projects

*NSNT – North System North Trunk

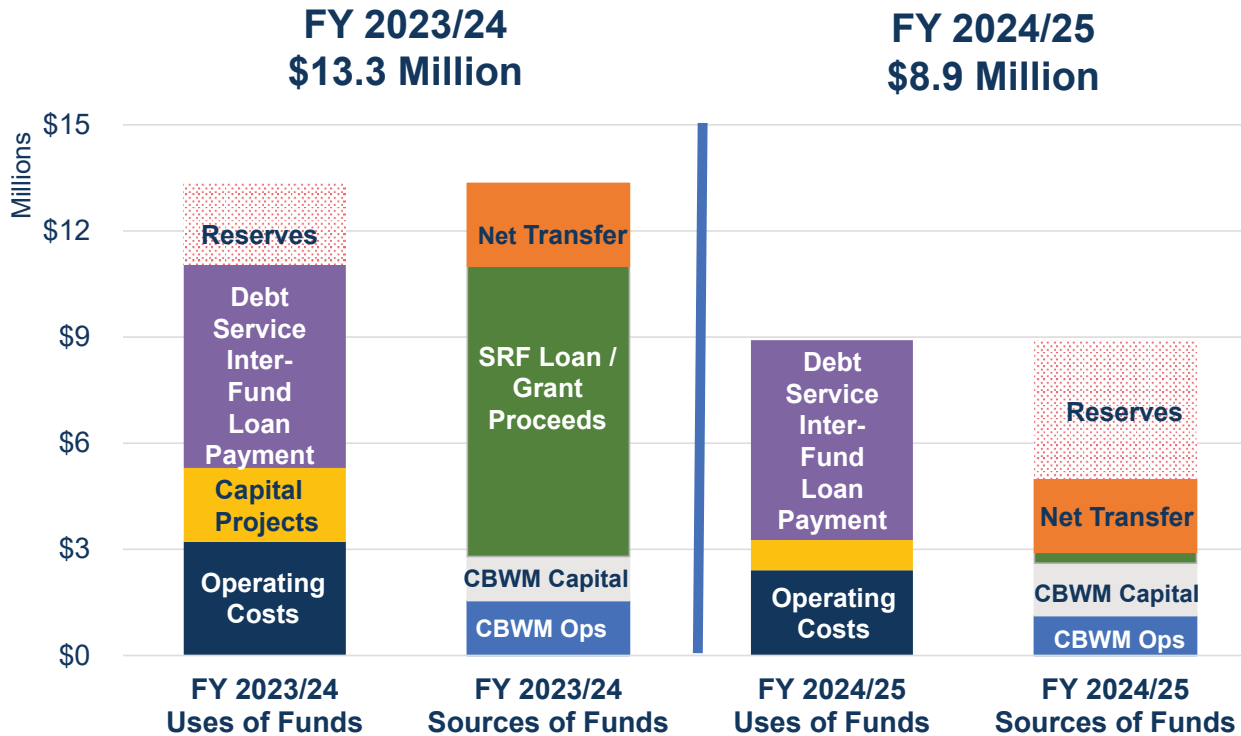
Net Transfers = Inter-fund transfers from Regional Wastewater program for capital project support, transfer to the Administrative Services fund for operating and project support.

Non-Reclaimable Wastewater Fund Reserves



FY 2023/24 Projected reserve increase due to receipt of debt proceeds to support the Philadelphia Lift Station Force Main Improvements.

Recharge Water Fund Total Sources and Uses of Funds

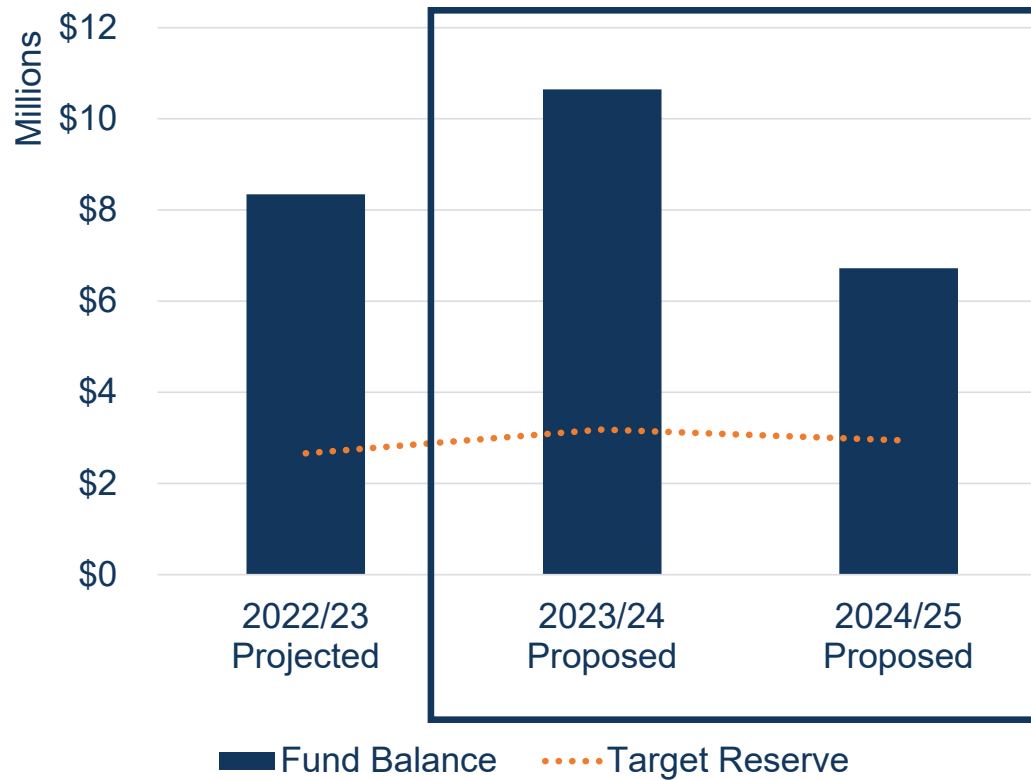


Major Projects:

- 2013 Recharge Master Plan Update (RMPU)
- Asset Management Projects
- Groundwater Basin PLC Upgrades

Net Transfers = Inter-fund transfers from Regional Wastewater program for debt service support, transfer from Recycled Water fund for operating and project support.

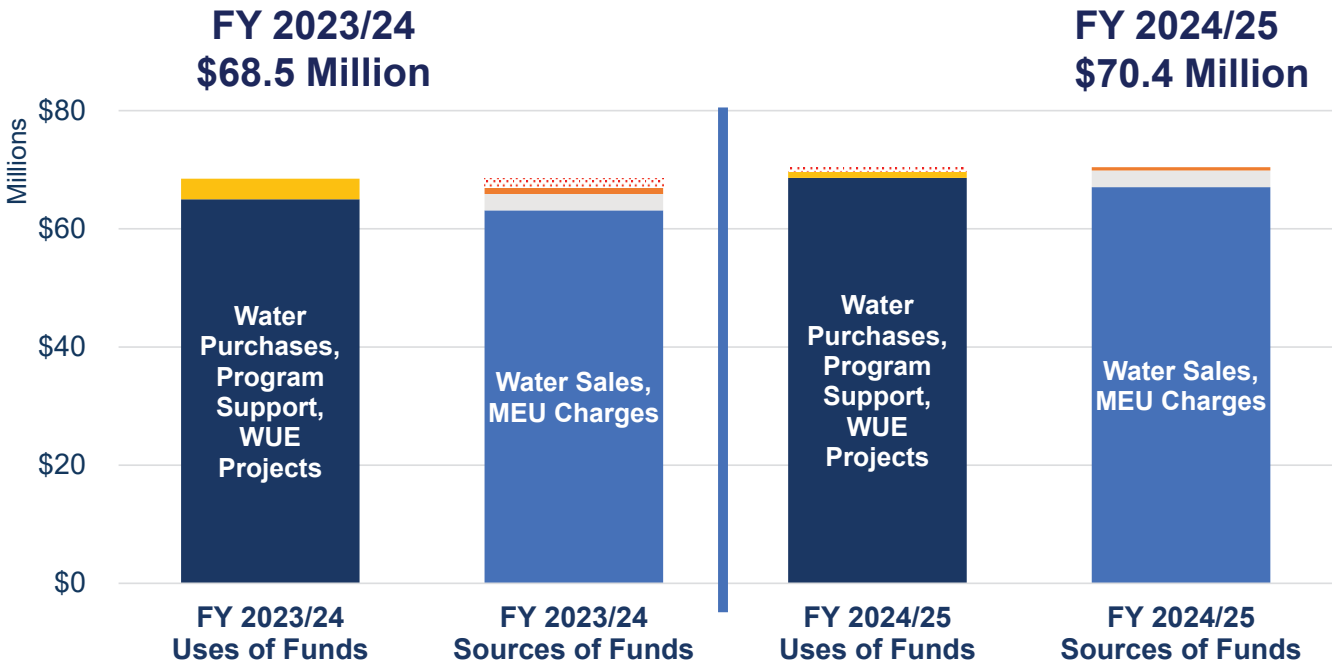
Recharge Water Fund Reserves



FY 2023/24 projected reserve increase is due to SRF loan and grant proceeds to support 2013 RMPU project costs.

Water Resources Fund

Total Sources and Uses of Funds

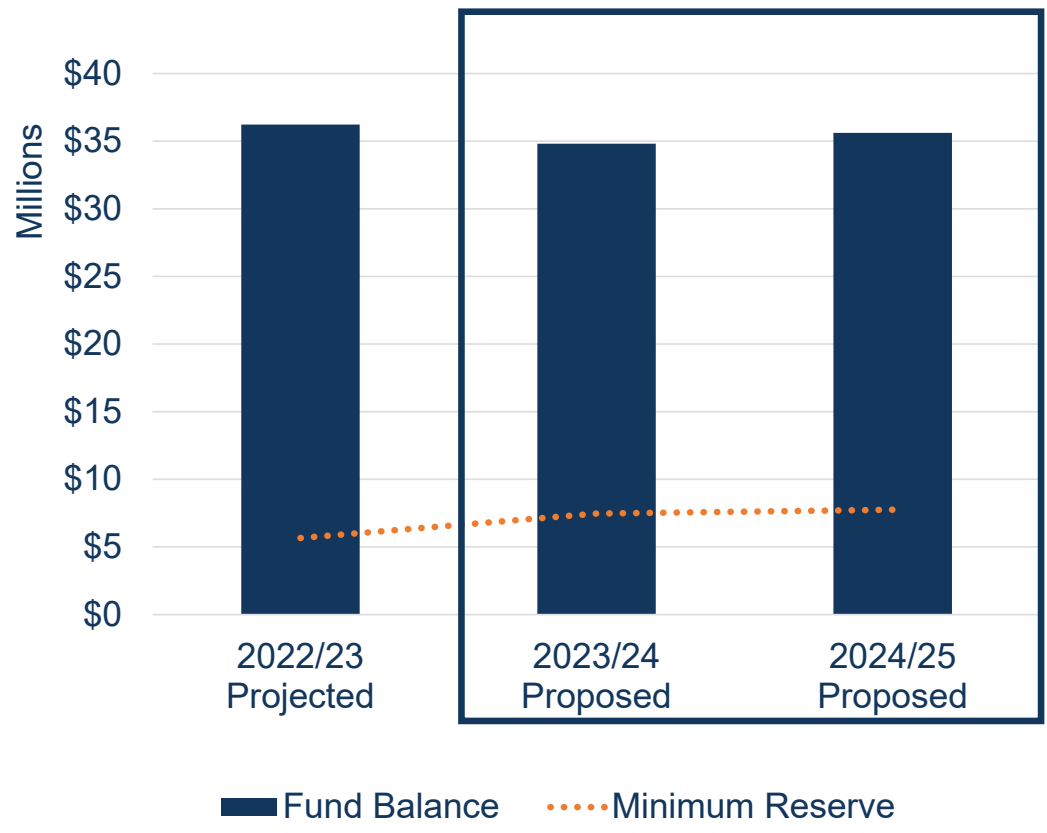


- Major Projects:**
- Chino Basin Program
 - Water Resources Planning Documents
 - Implement of Upper Santa Ana River Habitat Conservation Plan Model Water Benefits
 - Chino Basin Water Bank Planning

■ Operating Expenses ■ Capital Projects ■ Net Transfer ■ Reserves ■ Non-Operating Revenue

Net Transfers = Transfer of water connections from the Recycled Water fund to support Water Use Efficiency projects.

Water Resources Fund Reserves



FY 2023/24 projected reserve decrease due to lower grants proceeds to support water use efficiency projects.

Biennial Budget Review and Approval Timeline

Month	Budget Item	IEUA Committee	IEUA Board	Regional Technical	Regional Policy
Mar 2023	FY 2023/24 – 2024/25 Wastewater Cost of Service and Proposed Rates workshop		3/01/23	3/30/23	4/6/23
Apr 2023	Adoption of Service Rates (EDUs), Wastewater Connection Fees, and Extra-Territorial Service Charges	4/12/23	4/19/23		
	Regional Program Budgets (Wastewater and Recycled Water) Information Item	4/12/23	4/19/23	4/27/23	5/4/23
May 2023	Administrative Services, Non-Reclaimable Wastewater, Recharge Water, and Water Resources Budgets	5/10/23	5/17/23		
Jun 2023	Biennial Budget, Rate Resolutions, and TYCIP	6/14/23	6/21/23	5/25/23	6/1/23

Questions



**INFORMATION
ITEM
3B**

Date: May 17, 2023

To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager

Committee: Finance & Administration

05/10/23

Staff Contact: Kristine Day, Assistant General Manager

Subject: FY 2023/24 Adopted Budget for the Inland Empire Regional Composting Authority

Executive Summary:

The Inland Empire Regional Composting Authority (IERCA) is a Joint Power Authority (JPA) formed between IEUA and the Los Angeles County Sanitation Districts (LACSD) as a 50/50 partnership with a shared goal to develop sustainable biosolids management program.

The FY 2023/24 budget for IERCA includes \$11.5 million in revenue, \$10.0 million of operating cost budget, \$1.5 million of capital improvement plan, and \$3.50 cent increase to the tipping fee rate from \$59.00 to \$62.50 per wet ton. Included in total revenues is a capital call of \$1.5 million to be shared equally by IEUA and LACSD to support capital improvement projects as needed.

The FY 2023/24 budget and tipping fee rate were approved and adopted by the IERCA Board on May 1, 2023.

Staff's Recommendation:

The FY 2023/24 Adopted Budget for the Inland Empire Regional Composting Authority is submitted as an informational item for the Board to review and file.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

None.

Prior Board Action:

The FY 2022/23 budget and tipping fee rate were approved and adopted by the IERCA Board on June 6, 2022 and IEUA Board on June 15, 2022.

Environmental Determination:

Not Applicable

Business Goal:

The proposed FY 2023/24 Adopted Budget for the Inland Empire Regional Composting Authority is consistent with the IEUA Business Goals of Fiscal Responsibility and Environmental Stewardship.

Attachments:

Attachment 1 - IERCA FY 2023/24 Budget Board Letter

Attachment 2 - IERCA FY 2023/24 Budget Schedules A, B and C

Attachment 3 - IERCA FY 2023/24 Budget Presentation



Date: May 01, 2023

To: Honorable Board of Directors

From: Javier Chagoyen-Lazaro
Treasurer

Subject: Adoption of IERCA Budget for Fiscal Year 2023/24

RECOMMENDATION

It is recommended that the Board of Directors;

1. Adopt the Inland Empire Regional Composting Authority (IERCA) budget for fiscal year 2023/24;
2. Increase the tipping fee from \$59.00 to \$62.50 per wet ton; and
3. Approve a capital call of \$1.5 million to be shared equally by the Inland Empire Utilities Agency (IEUA) and Los Angeles County Sanitation Districts (LACSD) to support capital improvement project costs and meet the minimum reserve balance, as needed.

BACKGROUND

Pursuant to the Inland Empire Regional Composting Authority Joint Powers Agreement (JPA), an annual operating and capital budget is to be presented and adopted by the JPA Board prior to June 30 each year. The proposed FY 2023/24 budget is based on the following key assumptions:

Revenues

- Increased the tipping fee from \$59.00 to \$62.50 per wet ton,
- Maintain the estimated biosolids receipts of 148,500 tons, and
- \$1.5 million capital call to support the proposed capital improvement plan (CIP).

O&M Expenses

- Operating expenses increased due to:
 - Utilities – Increase costs per kWh and expected usage in FY 23/24
 - Professional Fees and Services – Increase in cost related to all contracted services, such as transportation costs
 - Leases and Rentals – Increase in cost related to all leases and equipment rentals, such as RP4 Storage Facility lease and support equipment rentals
- Maintain staffing at 25 full time equivalent (FTE) positions

Capital Improvement Plan (CIP)

The proposed FY 2023/24 capital improvement plan of \$1.5 million is funded by capital contributions. A summary of the CIP is shown below in Table 1.

Table 1: FY 2023/24 Proposed Capital Improvement Plan

Amount (\$ in Thousands)	Actual FY 2021/22	Projected Actual FY 2022/23	Proposed Budget FY 2023/24
Replacement & Rehabilitation (R&R)	\$1,268	\$1,600	\$1,500
Capital Expansion	0	0	0
Total	\$1,268	\$1,600	\$1,500

The proposed FY 2023/24 CIP of \$1.5 million includes the replacement of augers for hopper #2, expansion of IERCF lunchroom, and improvement of compost facility tent storage cover. Capital replacement and rehabilitation (R&R) continues to be the emphasis of the proposed CIP.

FY 2023/24 Budget Summary

The following section summarizes the proposed FY 2023/24 budget for total revenues, expenses, and capital expenditures.

FY 2023/24 total revenues of \$11.5 million, as shown in Table 2 below, are \$0.4 million higher than the FY 2022/23 projected actual mainly due to the increase in the tipping fee.

Table 2: FY 2023/24 Revenues

REVENUES	Amount (\$ in Thousands)	Assumptions
Tipping Fees	\$9,281	Based on 148,500 wet tons per year at a rate of \$62.50/ton
Contributed Capital	1,500	Capital call equally shared by IEUA and LACSD to support capital process improvements
Compost Sales/ Organics Waste Recycling/Compost Deliveries	640	100% sales of compost products compost delivery service and green waste recycling.
Biosolids Administration Fees	16	Tipping fee surcharge paid by third party biosolids suppliers.
Interest Income & Other Revenues	59	Assumes 1.75% annual interest rate.
Total Revenues	\$11,496	

Total operating expenses of \$10.0 million proposed for FY 2023/24 are \$0.9 million higher than FY 2022/23 projected actual of \$9.1 million. The key driver for the increase is employment costs related to cost-of-living adjustment, merit increases, and higher pension and health benefit costs and anticipated increases in electricity rates from Southern California Edison. No change in the

authorized staffing level of 25 full time equivalent (FTE) position is proposed. A summary of the FY 2023/24 operating expenses is reported in Table 3.

Table 3: FY 2022/23 Expenses

OPERATING EXPENSES	Amount (\$ in Thousands)	Assumptions
Employment	\$4,733	Maintain 25 FTE operation support provided by IEUA/ LACSD.
Utilities	1,456	Includes power purchases from the grid, solar renewable energy, and disposal service.
Professional Services	1,609	Includes compost transport and contracted services.
Materials & Supplies	1,145	Includes facility maintenance supplies, fuel, and biofilter media replacement reserve.
Office & Admin/Insurance	797	Includes software license fees, memberships, insurance, and office supplies.
Other Expenses	234	Includes leases/rental and financial expenses, operating fees (Non-Reclaimable Wastewater charges, permits and licenses.)
Total Expenses	\$9,974	

Major capital includes the compost facility tent storage cover replacement and operation building improvements. A capital replacement contingency project of \$375,000 is also proposed to support unforeseen expenditures. Schedule C provides a detailed listing of the proposed CIP.

Table 4: FY 2023/24 Capital Improvement Plan

CAPITAL PROJECTS	Amount (\$ in Thousands)	Project Description
Compost Facility Tent Storage Cover Replacement	\$800	Compost facility tent storage cover with an OEM twenty-year warranty
Capital Replacement	375	For minor construction projects and unforeseen capital expenditures.
Operations Building Expansion	200	Expansion of IERCF lunchroom to extend larger eating area with more tables and chairs.
Hopper #2 Auger Replacement	125	Replacement of new auger screws to maintain equipment.
Total Capital Improvement Plan	\$1,500	

Fund Balance

Based on the proposed budget, the total ending fund balance is estimated to be \$5.80 million at the end of FY 2023/24; a \$0.03 million increase from the FY 2022/23 projected actual ending fund balance of \$5.77 million.

Designation of Fund Balance

Maintaining an adequate fund balance is essential in ensuring the JPA's ability to support day-to-day operations and near term operating and capital requirements. Table 5 below summarizes the proposed designation for the estimated fund balance of \$5.80 million at the end of FY 2023/24, along with the intended funding sources. The projected ending reserves meet the minimum required level as defined in the Board adopted Reserve Policy.

Table 5: FY 2023/24 Fund Balance

Fund Balance Category	Description	Estimated Ending Balance as of 6/30/2024 Amount (\$ in Thousands)	Funding Source
Operating Contingency	Equal to three months of operating expenses to address unforeseen events	\$2,494	Tipping fees
Bio-Filter Replacement	Replacement of one sector per year	350	
Commercial Insurance	Self-insurance program	250	
Capital/Replacement/Rehabilitation	Projected R&R costs over the next 5 years averages about \$4.70 per wet ton	2,702	Capital Call and Tipping Fees
Total		\$5,796	

PRIOR BOARD ACTION

The Board adopted the FY 2022/23 budget on June 6, 2022.

IMPACT ON BUDGET

None.

Attachments:

Attachment A – 2023/24 IERCA Budget Summary (Schedule A)

Attachment B – 2023/24 IERCA Budget Details (Schedule B)

Attachment C – 2023/24 IERCA Budget Project Lists (Schedule C)

Attachment D – 2023/24 IERCA Budget Presentation

Inland Empire Regional Composting Authority
Schedule A - Budget Summary

	ACTUAL 2019/20	ACTUAL 2020/21	ACTUAL 2021/22	ADOPTED 2022/23	AMENDED 2022/23	PROJECTED 2022/23	PROPOSED 2023/24	2024/25	2025/26	2026/27	2027/28
Rate Per Ton	\$56.00	\$57.00	\$58.00	\$59.00	\$59.00	\$59.00	\$62.50	\$65.50	\$68.00	\$70.00	\$72.00
Actual/Projected Tonnage	147,606	150,217	154,196	148,500	148,500	148,500	148,500	148,500	148,500	148,500	148,500
Revenues											
Contributed Capital	\$0	(\$500,000)	(\$1,000,000)	(\$2,000,000)	(\$2,000,000)	(\$1,600,000)	(\$1,500,000)	(\$500,000)	(\$500,000)	(\$500,000)	(\$500,000)
Biosolids Recycling (Tipping Fees)	(8,331,673)	(8,606,406)	(9,012,280)	(8,761,500)	(8,761,500)	(8,809,343)	(9,281,250)	(9,726,750)	(10,098,000)	(10,395,000)	(10,692,000)
Biosolids Recycling Admin Fees	(14,325)	(19,002)	(16,955)	(20,000)	(20,000)	(18,000)	(16,000)	(16,000)	(16,480)	(16,974)	(17,484)
Compost Delivery Svs	(225,750)	(192,752)	(349,890)	(250,000)	(250,000)	(242,600)	(250,000)	(325,000)	(334,750)	(344,793)	(355,136)
Compost Sales	(372,832)	(398,680)	(380,563)	(460,000)	(460,000)	(391,000)	(390,000)	(400,000)	(412,000)	(424,360)	(437,091)
Interest Income	(62,576)	(11,928)	(7,659)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)
Proceeds from Sale of Assets	(58,977)	11,507	29,511	(3,987)	(3,987)	(3,987)	(4,107)	(4,230)	(4,357)	(4,487)	(4,622)
Other Non Operating Revenues	(57,246)	(3,691)	(18,859)	(25,255)	(25,255)	(7,600)	(20,000)	(20,000)	(20,600)	(21,218)	(21,855)
Total Revenues Available for Expenses	(\$9,123,379)	(\$9,720,952)	(\$10,756,695)	(\$11,555,742)	(\$11,555,742)	(\$11,107,530)	(\$11,496,357)	(\$11,026,980)	(\$11,421,187)	(\$11,741,832)	(\$12,063,188)
Expenses											
Labor	\$4,205,388	\$4,135,598	\$3,569,542	\$4,594,900	\$4,594,900	\$4,135,410	4,732,700	\$4,874,700	\$5,020,900	\$5,171,500	\$5,326,600
Office & Administration	37,520	29,447	39,058	52,070	52,070	40,030	47,500	52,200	53,766	55,379	57,040
Professional Fees & Services	1,382,259	1,204,212	1,260,664	1,149,890	1,533,936	1,379,034	1,561,100	1,661,268	1,711,107	1,762,438	1,815,312
Professional Fees - Contract Labor LACSD	\$105,063	\$73,372	\$88,083	\$40,500	\$40,500	\$73,704	47,500	\$51,100	\$52,633	\$54,212	\$55,839
Materials & Supplies/O&M Projects	994,681	1,087,677	1,055,598	1,121,165	1,078,708	975,697	1,145,030	1,244,446	1,281,780	1,320,234	1,359,840
Materials - Bio Filter Media Replacement	100,000	194,103	-	250,000	250,000	250,000	-	350,000	-	350,000	-
Insurance	406,254	621,799	602,031	686,050	686,050	786,050	750,000	810,000	834,300	859,329	885,109
Operating Fees	77,554	74,494	95,404	90,743	90,743	71,413	94,527	95,527	98,393	101,344	104,385
Utilities	1,182,701	1,134,048	1,106,810	1,181,870	1,181,870	1,231,926	1,456,016	1,668,233	1,718,280	1,769,828	1,822,923
Leases & Rentals	158,257	106,694	142,416	117,700	123,818	117,627	140,000	151,200	155,736	160,408	165,220
Financial Expenses/Non Operating Expenses	85,937	6,323	4,077	300	300	250	309	318	328	338	348
Total Expenses	\$8,735,614	\$8,667,766	\$7,963,683	\$9,285,188	\$9,632,895	\$9,061,142	9,974,682	\$10,958,993	\$10,927,223	\$11,605,009	\$11,592,616
Capital Projects											
Capital Replacement Project	\$838,895	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	1,500,000	\$500,000	\$500,000	\$500,000	\$500,000
Capital Expansion Projects	343,565	-	-	-	-	-	-	-	-	-	-
Total Capital Projects	\$1,182,459	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	1,500,000	\$500,000	\$500,000	\$500,000	\$500,000
Net Profit/(Loss)	(\$794,694)	\$255,716	\$1,524,777	(\$4,446)	(\$457,998)	\$446,388	\$21,675	(\$432,013)	(\$6,036)	(\$363,177)	(\$29,428)
Reserves											
Beginning Reserve Balance	\$4,341,984	\$3,547,290	\$3,803,006	\$4,201,306	\$5,327,782	\$5,327,782	5,774,170	5,795,845	\$5,363,832	\$5,357,797	\$4,994,619
Ending Reserve Balance	\$3,547,290	\$3,803,006	\$5,327,782	\$4,196,860	\$4,869,784	\$5,774,170	5,795,845	\$5,363,832	\$5,357,797	\$4,994,619	\$4,965,191
Operating Contingency (3mths Expenses)	\$2,158,904	\$2,118,416	\$1,990,921	\$2,258,797	\$2,345,724	\$2,202,785	2,493,671	\$2,652,248	\$2,731,806	\$2,813,752	\$2,898,154
Replacement Reserve - BioFilter	250,000	250,000	250,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000
Commercial Insurance	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Capital Replacement & Construction	888,386	1,184,590	2,836,861	1,338,063	1,924,060	2,971,385	2,702,174	2,111,584	2,025,991	1,580,867	1,467,037
Total Reserve Balance	\$3,547,290	\$3,803,006	\$5,327,782	\$4,196,860	\$4,869,784	\$5,774,170	\$5,795,845	\$5,363,832	\$5,357,797	\$4,994,619	\$4,965,191

Inland Empire Regional Composting Authority
Schedule B - Budget Detail

Cost Center	Cost Element	ACTUAL 2019/20	ACTUAL 2020/21	ACTUAL 2021/22	ADOPTED 2022/23	AMENDED 2022/23	PROJECTED 2022/23	PROPOSED 2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Tonage/Rate													
Tons		147,606	150,217	154,196	148,500	148,500	148,500	148,500	148,500	148,500	148,500	148,500	148,500
O&M Cost per ton		\$ 59.18	\$ 57.70	\$ 51.65	\$ 62.53	\$ 62.53	\$ 62.53	\$ 67.17	\$ 73.80	\$ 73.58	\$ 78.15	\$ 78.06	\$ 82.76
Biofilter Media Replacement Reserve		\$ 1.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Expansion Cost per Ton		\$ 2.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Replacement Cost per Ton		\$ 5.68	\$ 5.31	\$ 8.22	\$ 15.32	\$ 16.03	\$ 10.77	\$ 10.10	\$ 3.37	\$ 3.37	\$ 3.37	\$ 3.37	\$ 3.37
Total Cost Per Ton		\$ 68.59	\$ 63.01	\$ 59.87	\$ 77.85	\$ 78.56	\$ 73.30	\$ 77.27	\$ 77.16	\$ 76.95	\$ 81.52	\$ 81.43	\$ 86.13
Member Contributions		\$ -	\$ 3.33	\$ 6.49	\$ 13.47	\$ 13.47	\$ 10.77	\$ 10.10	\$ 3.37	\$ 3.37	\$ 3.37	\$ 3.37	\$ 3.37
CIP Funded by Reserves		\$ 8.01	\$ 1.98	\$ 1.74	\$ 1.85	\$ 2.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Per Ton		\$ 60.58	\$ 57.70	\$ 51.65	\$ 62.53	\$ 62.53	\$ 62.53	\$ 67.17	\$ 73.80	\$ 73.58	\$ 78.15	\$ 78.06	\$ 82.76
Adopted Rate Per Ton		\$ 56.00	\$ 57.00	\$ 58.00	\$ 59.00	\$ 59.00	\$ 59.00	\$ 62.50	\$ 65.50	\$ 68.00	\$ 70.00	\$ 72.00	\$ 74.00
Revenues													
200112	406000 Compost Delivery Svs	(\$225,750)	(\$192,752)	(\$349,890)	(\$250,000)	(\$250,000)	(\$242,600)	(\$250,000)	(\$325,000)	(\$334,750)	(\$344,793)	(\$355,136)	(\$365,790)
200112	406200 Compost Sales	(372,832)	(398,680)	(380,563)	(460,000)	(460,000)	(391,000)	(390,000)	(400,000)	(412,000)	(424,360)	(437,091)	(450,204)
Service Charges		(598,582)	(591,432)	(730,453)	(710,000)	(710,000)	(633,600)	(640,000)	(725,000)	(746,750)	(769,153)	(792,227)	(815,994)
200112	404010 Biosolids Recycling (<i>Tipping Fees</i>)	(8,331,673)	(8,606,406)	(9,012,280)	(8,761,500)	(8,761,500)	(8,809,343)	(9,281,250)	(9,726,750)	(10,098,000)	(10,395,000)	(10,692,000)	(10,989,000)
200112	409920 Biosolids Recycling Admin Fees	(14,325)	(19,002)	(16,955)	(20,000)	(20,000)	(18,000)	(16,000)	(16,000)	(16,480)	(16,974)	(17,484)	(18,008)
Sales		(8,345,998)	(8,625,407)	(9,029,235)	(8,781,500)	(8,781,500)	(8,827,343)	(9,297,250)	(9,742,750)	(10,114,480)	(10,411,974)	(10,709,484)	(11,007,008)
211112	412030 Energy/Cap Rebates			-	-	-	-	-	-	-	-	-	-
Other Revenues				-	-	-	-	-	-	-	-	-	-
Operating Revenues		(\$8,944,580)	(\$9,216,839)	(\$9,759,687)	(\$9,491,500)	(\$9,491,500)	(\$9,460,943)	(9,937,250)	(\$10,467,750)	(\$10,861,230)	(\$11,181,127)	(\$11,501,711)	(\$11,823,002)
211112	480110 Interest Income	(\$62,576)	(11,928)	(\$7,659)	(\$35,000)	(\$35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)
211112	483010 Contributed Capital		(500,000)	(1,000,000)	(2,000,000)	(2,000,000)	(1,600,000)	(1,500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
211112	493110 Proceeds from Investments	(58,977)	11,507	29,511	(3,987)	(3,987)	(3,987)	(4,107)	(4,230)	(4,357)	(4,487)	(4,622)	(4,761)
211112	499010 Other Non Operating Revenues	(57,246)	(3,691)	(18,859)	(25,255)	(25,255)	(7,600)	(20,000)	(20,000)	(20,600)	(21,218)	(21,855)	(22,510)
Non Operating Revenues		(\$178,799)	(\$504,113)	(\$997,007)	(\$2,064,242)	(\$2,064,242)	(\$1,646,587)	(1,559,107)	(\$559,230)	(\$559,957)	(\$560,705)	(\$561,477)	(\$562,271)
TOTAL REVENUES		(\$9,123,379)	(\$9,720,952)	(\$10,756,695)	(\$11,555,742)	(\$11,555,742)	(\$11,107,530)	(\$11,496,357)	(\$11,026,980)	(\$11,421,187)	(\$11,741,832)	(\$12,063,188)	(\$12,385,273)

Inland Empire Regional Composting Authority
Schedule B - Budget Detail

Cost Center	Cost Element	ACTUAL 2019/20	ACTUAL 2020/21	ACTUAL 2021/22	ADOPTED 2022/23	AMENDED 2022/23	PROJECTED 2022/23	PROPOSED 2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Expenses													
<u>Office & Administration</u>													
211112	511220 Travel Costs - Mileage Reimbursement	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
211112	511330 Safety Awards	-	-	1,851	500	500	500	500	500	515	530	546	563
211112	512010 Office Supplies-General	6,006	9,418	5,644	8,240	8,240	7,531	8,000	9,000	9,270	9,548	9,835	10,130
211112	512210 Forms, Printing and Copying costs	609	709	277	4,000	4,000	1,931	2,000	2,000	2,060	2,122	2,185	2,251
211112	512350 Postage and Delivery Charges	2,731	2,896	2,374	2,575	2,575	2,318	3,000	3,000	3,090	3,183	3,278	3,377
211112	512520 Computer Software & License Fees	5,097	-	1,789	16,000	16,000	2,000	10,000	10,000	10,300	10,609	10,927	11,255
211112	513010 Meeting Expenses	688	575	2,416	2,000	2,000	2,000	1,500	1,500	1,545	1,591	1,639	1,688
211112	514010 Memberships - Agency Wide	12,200	11,450	10,750	12,000	12,000	10,800	13,000	15,000	15,450	15,914	16,391	16,883
211112	514210 Registration-DMV, Title, Permit, Applic	-	-	-	515	515	2,890	1,000	1,500	1,545	1,591	1,639	1,688
211112	515030 Contributions-Sponsorships	750	750	750	1,000	1,000	750	1,000	1,500	1,545	1,591	1,639	1,688
211112	519110 Inventory-Count Adjustment	2,315	2,009	(35)	3,090	3,090	2,318	2,000	2,500	2,575	2,652	2,732	2,814
211112	519130 Inventory-Freight/Price	7,347	2,026	9,786	4,120	4,120	6,500	4,000	4,000	4,120	4,244	4,371	4,502
211112	519160-Price Adjustment Inventory	(873)	(1,594)	217	(3,000)	(3,000)	(500)	-	-	-	-	-	-
211112	519150 FrgtExpln Inv/NonI	-	-	303	-	-	(37)	-	-	-	-	-	-
211112	519530 Fines & Penalties	-	-	(410)	-	-	-	-	-	-	-	-	-
211112	519590 GI/IR Expense Clearing	606	1,207	3,348	1,030	1,030	1,030	1,500	1,700	1,751	1,804	1,858	1,913
Office & Administration Expenses		\$37,520	\$29,447	\$39,058	\$52,070	\$52,070	\$40,030	\$47,500	\$52,200	\$53,766	\$55,379	\$57,040	\$58,752
<u>Materials & Supplies</u>													
211112	512110 Operating Supplies - General	\$8,991	\$378	\$13,962	\$0	\$0	\$800	\$0	\$0	\$0	\$0	\$0	\$0
211112	512140 Uniform / Throw Rugs	31,755	32,629	33,377	37,080	37,080	33,372	40,000	44,000	45,320	46,680	48,080	49,522
211112	512170 Operations & Maintenance Supplies	590,251	797,405	627,657	700,000	657,543	591,788	700,000	750,000	772,500	795,675	819,545	844,132
211112	512410 Fuel	126,459	123,954	202,334	170,980	170,980	163,144	200,000	225,000	231,750	238,703	245,864	253,239
211112	512450 Fleet Parts & Supplies	2,403	-	89	-	-	-	-	-	-	-	-	-
211112	512610 Equipment - Small Tools/Equip. <\$1000	1,093	-	-	1,540	1,540	1,540	-	-	-	-	-	-
211112	512660 Equipment - Small Tools/Equip.< \$2000	1,030	-	-	515	515	515	530	546	563	580	597	615
211112	512710 Equipment Maintenance & Supplies	220,555	133,013	177,059	175,000	175,000	157,500	200,000	220,000	226,600	233,398	240,400	247,612
211112	512910 Other Materials & Supplies	12,144	298	-	36,050	36,050	27,038	4,500	4,900	5,047	5,198	5,354	5,515
211112	512920 Biofilter Media Replacement	100,000	194,103	-	250,000	250,000	250,000	0	350,000	0	350,000	0	350,000
211112	512950 Promotional & Giveaway Items	-	-	1,120	-	-	-	-	-	-	-	-	-
Materials & Supplies		\$1,094,681	\$1,281,780	\$1,055,598	\$1,371,165	\$1,328,708	\$1,225,697	\$1,145,030	\$1,594,446	\$1,281,780	\$1,670,234	\$1,359,840	\$1,750,635
<u>Insurance</u>													
211112	517010 Insurance Premiums - Liability	\$406,254	\$621,799	\$602,031	\$650,000	\$650,000	\$750,000	\$750,000	\$810,000	\$834,300	\$859,329	\$885,109	\$911,662
211112	517210 Insurance Premiums - Casualty	-	-	-	36,050	36,050	36,050	0	0	0	0	0	0
Insurance		\$406,254	\$621,799	\$602,031	\$686,050	\$686,050	\$786,050	\$750,000	\$810,000	\$834,300	\$859,329	\$885,109	\$911,662

Inland Empire Regional Composting Authority
Schedule B - Budget Detail

Cost Center	Cost Element	ACTUAL 2019/20	ACTUAL 2020/21	ACTUAL 2021/22	ADOPTED 2022/23	AMENDED 2022/23	PROJECTED 2022/23	PROPOSED 2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
<u>Professional Fees & Services</u>													
211112	520110 External Audit Services	\$4,310	\$4,400	\$4,935	\$4,500	\$4,500	\$4,050	\$4,500	\$4,860	\$5,006	\$5,156	\$5,311	\$5,470
211112	520210 Legal Fees - General	7,860	8,670	19,920	20,000	25,000	20,000	22,000	20,000	20,600	21,218	21,855	22,510
211112	520980 Professional Services - Other	243,088	269,909	228,594	249,375	270,156	243,141	250,000	250,000	257,500	265,225	273,182	281,377
211112	521015 Contract Labor_I EUA (211112-701009-2:	4,205,388	4,135,598	3,569,542	4,594,900	4,594,900	4,135,410	4,732,700	4,874,700	5,020,900	5,171,500	5,326,600	5,486,400
211112	521010 Contract Labor - LACSD	104,474	62,963	69,445	33,000	33,000	66,204	45,000	48,600	50,058	51,560	53,107	54,700
212112	521018 Contract Labor-LACSD	178	10,409	18,638	7,500	7,500	7,500	2,500	2,500	2,575	2,652	2,732	2,814
211112	521050 Contract Materials	62	3,304	3,505	-	-	(500)	-	-	-	-	-	-
211112	521080 Other Contractual Services	1,086,246	849,873	963,744	824,000	1,182,265	1,064,039	1,200,000	1,296,000	1,334,880	1,374,926	1,416,174	1,458,659
211112	521110 Outside Svc's-Lndscaping/Weed/Pest Cn	6,590	16,838	9,217	12,360	12,360	13,000	45,000	48,000	49,440	50,923	52,451	54,024
211112	521120 Outside Services - Security	15,257	21,113	10,694	15,450	15,450	15,450	17,000	18,360	18,911	19,478	20,062	20,664
211112	521130 Outside Services - Janitorial	13,801	14,685	16,613	15,450	15,450	13,905	17,000	18,360	18,911	19,478	20,062	20,664
211112	521220 Laboratory Services - Outside	5,044	3,477	301	7,725	7,725	5,000	4,500	4,500	4,635	4,774	4,917	5,065
211112	521410 Computer Systems Maintenance		11,943	3,143	1,030	1,030	950	1,100	1,188	1,224	1,260	1,298	1,337
	Prof. fees & Services	\$5,692,710	\$5,413,181	\$4,918,289	\$5,785,290	\$6,169,336	\$5,588,148	\$6,341,300	\$6,587,068	\$6,784,640	\$6,988,150	\$7,197,751	\$7,413,684
<u>Operating Fees</u>													
211112	519310 Operating Permits, Licenses & Fees	\$16,734	\$17,785	\$20,286	\$22,660	\$22,660	\$20,394	\$21,000	\$22,000	\$22,660	\$23,340	\$24,040	\$24,761
211112	540110 Wastewater-Volumetric Fees	8,462	7,455	9,006	10,815	10,815	8,500	11,680	11,680	12,030	12,391	12,763	13,146
211112	540210 Strength Charges-BOD/COD	8,957	7,448	8,637	8,755	8,755	8,755	9,455	9,455	9,739	10,031	10,332	10,642
211112	540211 Strength Charges-BOD/COD Imbalance	1,184	1,904	3,345	2,060	2,060	1,854	2,224	2,224	2,291	2,359	2,430	2,503
211112	540220 Strength Charges-TSS	8,102	5,993	6,013	9,785	9,785	6,000	10,567	10,567	10,884	11,211	11,547	11,893
211112	540221 Wste - TSS Imbal		1,042	7,756	-	-	-	0	0	0	0	0	0
211112	540223 Strength Charges-TSS Discrepancy Charge	3,944	1,877	4,329	5,768	5,768	3,100	6,229	6,229	6,416	6,608	6,807	7,011
211112	540320 Monthly Capacity Charge-Regional			-	-	-	(5,000)	0	0	0	0	0	0
211112	540330 Capital Improv Proj (CIP) Fees	30,171	30,990	36,031	30,900	30,900	27,810	33,372	33,372	34,373	35,404	36,466	37,560
	Operating Fees	\$77,554	\$74,494	\$95,404	\$90,743	\$90,743	\$71,413	\$94,527	\$95,527	\$98,393	\$101,344	\$104,385	\$107,516
<u>Utilities</u>													
211112	545110 Electricity	\$948,915	\$894,172	\$911,226	\$928,030	\$928,030	\$1,001,169	\$1,200,000	\$1,400,000	\$1,442,000	\$1,485,260	\$1,529,818	\$1,575,712
211112	545220 Solar Power	206,120	211,820	168,255	225,000	225,000	202,500	224,400	234,090	241,113	248,346	255,796	263,470
211112	545310 Cell Phone Accessories			-	206	206	206	250	270	278	286	295	304
211112	545311 Cell Phone Expenses	6,906	6,764	6,155	7,725	7,725	6,566	8,343	9,010	9,280	9,559	9,845	10,141
211112	545320 Telephone	1,962	146	183	309	309	185	775	837	862	888	915	942
211112	545360 Disposal Service	11,643	16,555	16,774	15,450	15,450	16,665	16,686	18,020	18,561	19,117	19,691	20,282
211112	545370 Water	7,156	4,592	4,217	5,150	5,150	4,635	5,562	6,006	6,186	6,372	6,563	6,760
	Utilities	\$1,182,701	\$1,134,048	\$1,106,810	\$1,181,870	\$1,181,870	\$1,231,926	\$1,456,016	\$1,668,233	\$1,718,280	\$1,769,828	\$1,822,923	\$1,877,611
<u>Leases / Rentals</u>													
211112	512730 Equipment Rental (Non Lease)	\$71,744	\$11,890	\$37,463	\$25,000	\$31,118	\$29,562	\$35,000	\$37,800	\$38,934	\$40,102	\$41,305	\$42,544
211112	547110 Building / Trailer Leases	86,513	86,962	107,679	92,700	92,700	88,065	105,000	113,400	116,802	120,306	123,915	127,633
211112	547220 Equipment Lease/Rental - Operations & Ma		7,842	(2,726)	-	-	-	-	-	-	-	-	-
	Lease/Rentals	158,257	106,694	142,416	117,700	123,818	117,627	140,000	151,200	155,736	160,408	165,220	170,177
	Operating Expenses	\$8,649,677	8,661,444	7,959,606	9,284,888	9,632,595	9,060,892	9,974,373	\$10,958,674	\$10,926,895	\$11,604,672	\$11,592,268	\$12,290,037

Inland Empire Regional Composting Authority
Schedule B - Budget Detail

Cost Center	Cost Element	ACTUAL 2019/20	ACTUAL 2020/21	ACTUAL 2021/22	ADOPTED 2022/23	AMENDED 2022/23	PROJECTED 2022/23	PROPOSED 2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
<u>Financial Expenses</u>													
211112	551010 Bank Service Charges / Fees	\$0	\$86	\$271	\$300	\$300	\$250	\$309	\$318	\$328	\$338	\$348	\$358
211112	580050 Bad Debt Expense	3,728	3,987	3,806	-	-	-	-	-	-	-	-	-
Financial Expenses		\$3,728	\$4,073	\$4,077	\$300	\$300	\$250	\$309	\$318	\$328	\$338	\$348	\$358
<u>Other Non-Operating Expenses</u>													
211112	580090 Non-Operating Other Expenses	\$82,209	\$2,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest Expenses		\$82,209	\$2,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-Operating Expenses		\$85,937	\$6,323	\$4,077	\$300	\$300	\$250	\$309	\$318	\$328	\$338	\$348	\$358
<u>Capital Projects</u>													
	Capital Replacement Projects	\$838,895	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	\$1,500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
	Capital Expansion Projects	343,565	-	-	-	-	-	-	-	-	-	-	-
Capital Projects		\$1,182,459	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	\$1,500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
TOTAL EXPENSES		\$9,918,073	\$9,465,236	\$9,231,918	\$11,560,188	\$12,013,740	\$10,661,142	\$11,474,682	\$11,458,993	\$11,427,223	\$12,105,009	\$12,092,616	\$12,790,395
Net Profit/(Loss)		(\$794,694)	\$255,716	\$1,524,777	(\$4,446)	(\$457,998)	\$446,388	\$21,675	(\$432,013)	(\$6,036)	(\$363,177)	(\$29,428)	(\$405,122)

Inland Empire Regional Composting Authority
Schedule C - Projects

		ACTUAL	ACTUAL	ACTUAL	ADOPTED	AMENDED	PROJECTED	PROPOSED				
Project No. Project Title		2019/20	2020/21	2021/22	2022/23	2022/23	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Capital Projects												
Capital Replacement												
RA19001	IERCF Pugmill Improvements	43,407		(52,075)	-	-	-	-	-	-	-	-
RA19002	IERCF Trommel Screen Improvements	75,893	43,046	-	-	-	-	-	-	-	-	-
RA19003	IERCF Front End Loader Replacement	101,019		-	-	-	-	-	-	-	-	-
RA20003	IERCF Belt Conveyor Improvements			-	-	-	-	-	-	-	-	-
RA20004	IERCF Misc Fan Improvements			-	-	-	-	-	-	-	-	-
RA20005	RCA Capital Replacement	193,563	132,099	224,602	500,000	599,220	-	-	-	-	-	-
RA20006	IERCF Exterior Paint	153,750		-	-	-	-	-	-	-	-	-
RA20007	Compost Storage Conveyor	1,310	(1,310)	27,269	-	-	-	-	-	-	-	-
RA20008	Glulam Repair Roof	3,636	305,449	-	-	-	-	-	-	-	-	-
RA21001	IERCF Fire Sprinkler Improvements			-	-	-	-	-	-	-	-	-
RA21002	Front End Loader Replacement			994,964	-	-	-	-	-	-	-	-
RA22001	IERCF Column Repair			73,475	-	6,625	-	-	-	-	-	-
RA23001	IERCF Inner Roof Lining Repair			-	-	-	-	-	-	-	-	-
RA23002	IERCF South MCC HVAC Upgrade			-	175,000	175,000	181,000	-	-	-	-	-
RA23003	IERCF Active Hopper Replacement			-	200,000	200,000	-	-	-	-	-	-
RA23004	IERCF Front End Loader Replacement			-	1,200,000	1,200,000	1,220,000	-	-	-	-	-
RA23005	IERCF Fire Sprinkler Upgrades			-	200,000	200,000	-	-	-	-	-	-
RA23006	RCA Capital Replacement			-	-	-	199,000	-	-	-	-	-
RA24001	IERCF Corrosion Replacement			-	-	-	-	-	-	-	-	-
RA25001	IERCF Compost Storage Facility Tent Cover			-	-	-	-	-	-	-	-	-
RA26001	IERCF Projects AMP			-	-	-	-	-	-	-	-	-
RA24xx1	IERCF Operations Building Improvements							200,000	-	-	-	-
RA24xx2	IERCF Compost Facility Tent Storage Cover Repla							800,000	-	-	-	-
RA24xx3	RCA Capital Replacement							375,000	500,000	500,000	500,000	500,000
RA24xx4	IERCF Amendment Hopper #2 Auger Replacemei							125,000	-	-	-	-
Total Capital Replacement Projects		\$838,895	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	\$1,500,000	\$500,000	\$500,000	\$500,000	\$500,000
Capital Expansion												
RA15001	IERCF Baghouse Improvements	343,532			-	-	-	-	-	-	-	-
Total Capital Expansion Projects		\$343,565	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Capital Projects		\$1,182,459	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	\$1,500,000	\$500,000	\$500,000	\$500,000	\$500,000
Total Projects		\$1,182,459	\$797,470	\$1,268,235	\$2,275,000	\$2,380,845	\$1,600,000	\$1,500,000	\$500,000	\$500,000	\$500,000	\$500,000



FY 2023/24 Proposed Budget



Key Assumptions



**\$62.50 per wet Ton
– Tipping Fees
(5.9% increase)**



**\$1.5 Million
Capital Call**



**25 FTE Staffing
Level Maintained**



**Timely Upkeep of
Assets to Support
Level of Service**



Key Assumptions – Tipping Fee



**\$62.50 per wet Ton – Tipping Fees
(5.9% increase)**

Increase in O&M Cost:

- Utilities – Increase cost per kWh and usage in FY 23/24
- Professional Fees and Services – Increase in cost related to all contracted services, such as transportation costs
- Leases and Rentals – Increase in cost related to all leases and equipment rentals, such as RP4 Storage Facility lease and support equipment rentals



FY 2023/24 Proposed Budget

(\$ in thousand)	FY 2022/23 Projected Actual	FY 2023/24 Proposed Budget	Increase/ (Decrease)
<i>Tipping fee per wet ton</i>	\$59.00	\$62.50	\$3.50
<i>Wet tons</i>	148,500	148,500	0
Operating Revenues	\$9,461	\$9,937	\$476
Operating Expenses	9,061	9,974	913
Net Operating Increase/(Decrease)	\$400	(\$37)	(\$437)
Other Funding Sources ¹	\$1,646	\$1,559	(\$87)
Other Uses of Funds ²	1,600	1,500	(100)
Net Non-Operating Increase/(Decrease)	\$46	\$59	(\$187)
Total Net Change	\$446	\$22	(\$624)

¹ Includes proposed capital call, interest income, and other non-operating revenues

² Includes planned capital project costs



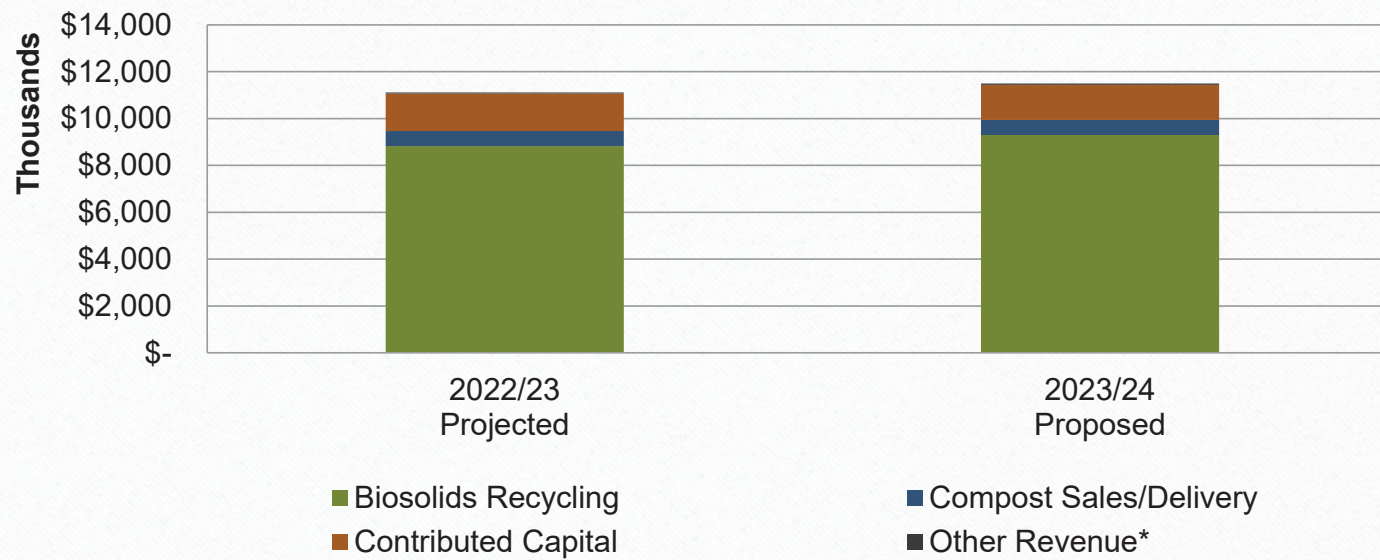
Capital Improvement Plan

Project Description (\$ in thousand)	FY 2022/23 Projected Budget	FY 2023/24 Proposed Budget	Increase/ (Decrease)
Front End Loader Replacement	\$1,220	-	(\$1,220)
Compost Facility Tent Storage Cover Replacement	-	\$800	800
Capital Replacement & Rehabilitation (R&R)	199	375	176
Operations Building Improvements	-	200	200
Other Major Projects	181	125	(56)
Total Capital Improvement Plan	\$1,600	\$1,500	(\$100)



Revenues

Increase due to tipping fee

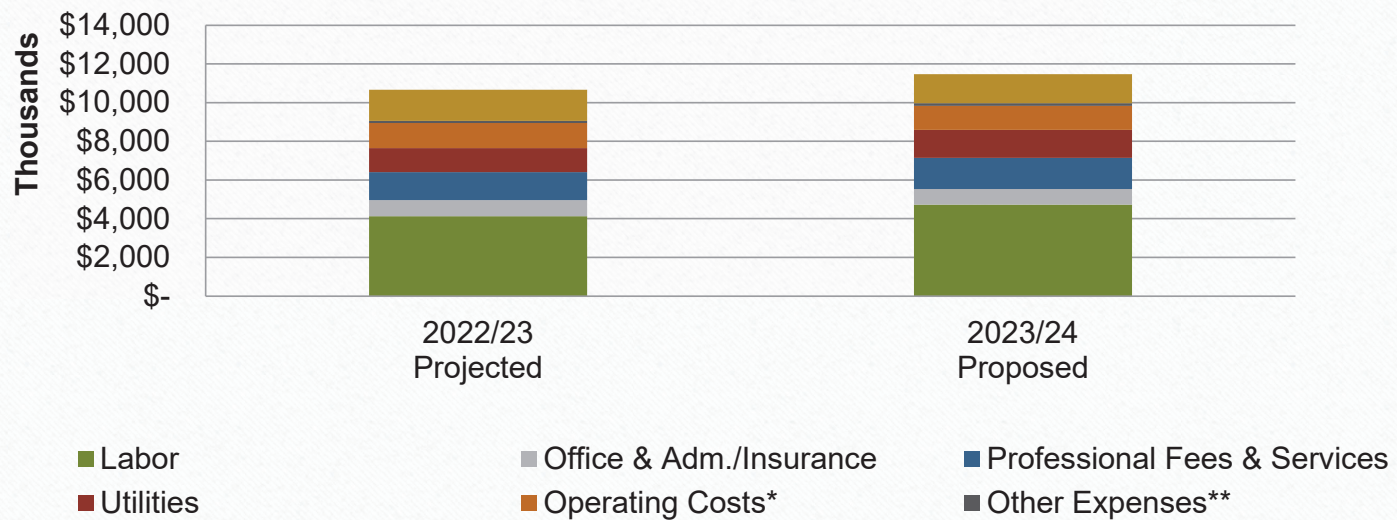


**Other Income include interest income and credits*



Expenses

Increase due to increase in Operating Costs



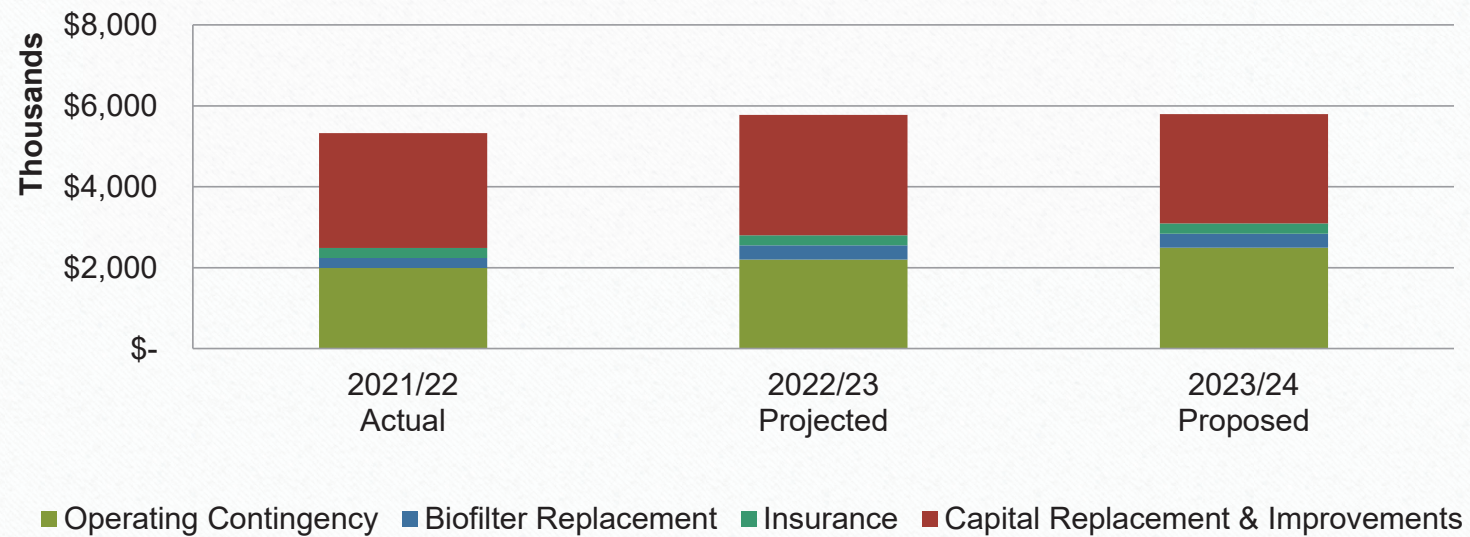
**Operating costs include operating fees, biofilter replacement, materials & supplies*

***Other expenses include lease & rentals, financial expenses*



Fund Balance

Meets Reserve Policy Minimum Reserve Levels



Questions?



INFORMATION
ITEM
3C

Date: May 17, 2023

To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager

Committee: Finance & Administration

05/10/23

Staff Contact: Kristine Day, Assistant General Manager

Subject: Treasurer's Report of Financial Affairs

Executive Summary:

The Treasurer's Report of Financial Affairs for the month ended March 31, 2023 is submitted in a format consistent with the State requirements.

For the month of March 2023, total cash, investments, and restricted deposits of \$399,425,199 reflects a decrease of \$2,941,048 compared to the total of \$402,366,247 reported for February 2023. The decrease can be attributed primarily to the RP-5 Expansion and other capital project expenditures. As a result, the average days cash on hand for the month ended March 2023 decreased from 318 to 312 days.

The unrestricted Agency investment portfolio yield in March 2023 was 3.130 percent, a slight decrease of 0.032 percent compared to the February 2023 yield of 3.162 percent. The change in yield is mainly attributed to an overall reduction of available cash and investments funds, slightly offset by higher CAMP and LAIF yields.

Staff's Recommendation:

The Treasurer's Report of Financial Affairs for the month ended March 31, 2023 is an information item for the Board of Director's review

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Interest earned on the Agency's investment portfolio increases the Agency's overall reserves.

Prior Board Action:

On April 19, 2023 the Board of Directors received the Treasurer's Report of Financial Affairs for the month ended February 28, 2023.

Environmental Determination:

Not Applicable

Business Goal:

The Treasurer's Report of Financial Affairs is consistent with the Agency's Business Goal of Fiscal Responsibility in providing financial reporting that accounts for cash and investment activities to fund operating requirements and to optimize investment earnings.

Attachments:

Attachment 1 - Background

Attachment 2 - PowerPoint

Attachment 3 - Treasurer's Report of Financial Affairs

Background

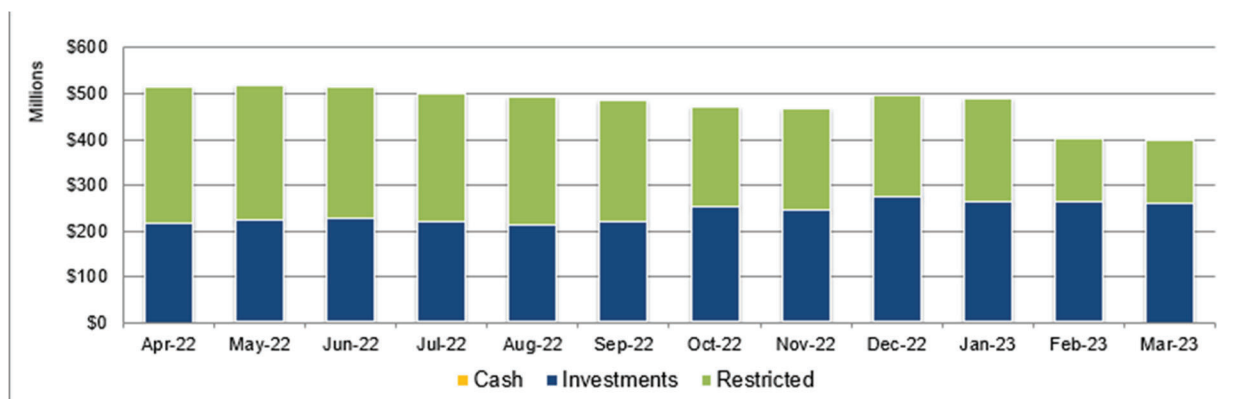
Subject: Treasurer's Report of Financial Affairs

The Treasurer's Report of Financial Affairs for the month ended March 31, 2023, is submitted in a format consistent with State requirements. The monthly report denotes investment transactions that have been executed in accordance with the Agency's Investment Policy (Resolution No. 2022-4-8).

Agency total cash, investments, and restricted deposits for the month of March 2023 was \$399.5 million, a decrease of \$2.9 million compared to the revised \$402.4 million (excluding Capital Capacity Reimbursement Account (CCRA) balances) reported for the month ended February 2023. The \$2.9 million decrease in funds can be attributed primarily to the RP-5 expansion and other capital project expenditures.

Pursuant to the Regional Sewage Service Ordinance 111, new EDU connection fees are collected by each of the Agency's sewage collection agencies and held in trust in a Capital Capacity Reimbursement Account (CCRA) until requested, or "called", by the Agency. During the FY 2021/22 audit, the Agency's external auditors Clifton Larson Allen LLP determined a change was required to the Agency's financial statements. Instead of reporting the CCRA balance as a restricted asset, the balance should be recorded as a receivable. Based on these new requirements, the Financial Affairs report will exclude the CCRA balances from the restricted deposits balance effective February 2023 as shown in Figure 1. The receivable amount related to CCRA balances is \$91.4 million based on the information reported as of February 28, 2023.

Figure 1: Cash, Investments, and Restricted Deposits



PFM continues to focus on investment discipline and maintaining a neutral duration strategy to ensure current investments align with the Agency's Investment Policy's goals of preservation of capital in the overall portfolio, providing sufficient liquidity to meet operating requirements, and attaining a market rate of return throughout budgetary and economic cycles. Credit Suisse Certificates of Deposits in the amount of \$0.75 million matured on March 17, 2023.

Table 1 below represents the unrestricted Agency investment portfolio by authorized investment and duration with a total portfolio amount of \$258.5 million. The Agency portfolio excludes cash and restricted deposits in the amount of \$141.0 million held with fiscal agents, including \$74.7 million in capitalized interest and debt proceeds for the RP-5 Expansion Project.

The Agency's unrestricted investment portfolio yield in March 2023 was 3.130 percent, a decrease of 0.032 percent compared to the February 2023 yield of 3.162 percent. The change in yield is mainly attributed to an overall reduction in the cash and investments balance which was slightly offset by higher CAMP and LAIF earnings yields.

Table 1: Agency Portfolio

Authorized Investments	Allowable Threshold (\$ million or %)	Investment Value as of March 31, 2023 (\$ million)				Average Yield %	Portfolio% (Unrestricted)
		Under 1 Year	1-3 Years	Over 3 Years	Total		
LAIF*- Unrestricted	\$75	\$22.6	\$0.0	\$0.0	\$22.6	2.831%	8.74%
CAMP** – Unrestricted	n/a	111.0	0.0	0.0	111.0	4.800%	42.95%
CBB*** – Sweep	40%	9.9	0.0	\$0.0	9.9	0.500%	3.82%
Sub-Total Agency Managed		\$143.5	\$0.0	\$0.0	\$143.5	4.194%	55.51%
Brokered Cert. of Deposit	30%	\$0.0	\$1.1	\$0.0	\$1.1	5.44%	0.41%
Medium Term Notes	30%	2.5	11.1	6.6	20.2	2.66%	7.83%
Municipal Bonds	10%	0.2	1.9	0.0	2.1	0.99%	0.83%
Supranational Bonds	20%	0.0	1.7	0.0	1.7	0.52%	0.65%
US Treasury Notes	n/a	9.9	39.7	18.5	68.1	1.81%	26.35%
US Gov't Securities	n/a	6.1	15.7	0.0	21.8	1.00%	8.42%
Sub-Total PFM Managed		\$18.7	\$71.2	\$25.1	\$115.0	1.80%	44.49%
Total		\$162.2	\$71.2	\$25.1	\$258.5	3.13%	100.00%

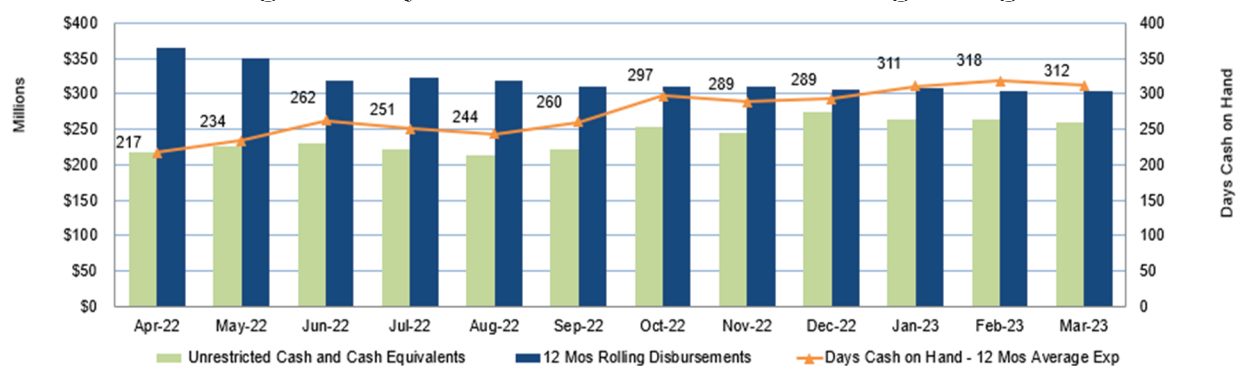
*LAIF – Local Agency Investment Fund

**CAMP – California Asset Management Program

***CBB – Citizens Business Bank

+/- due to rounding

Average days cash on hand is calculated using the monthly ending balance of unrestricted cash and cash equivalents divided by disbursements associated with operating expenses, debt service costs, and capital expenditures. The average days cash on hand decreased from 318 days to 312 days for the month of March 2023 as shown in Figure 2.

Figure 2: Days Cash on Hand – 12 Month Rolling Average

Monthly cash and investment summaries are available on the Agency's website at:

<https://www.ieua.org/read-our-reports/cash-and-investment/>



Treasurer's Report of Financial Affairs

Alex Lopez

Budget Officer

May 2023

Agency Liquidity

- Decrease in Cash, Investment, and Restricted Deposits is primarily due to the RP-5 Expansion and other capital project expenditures.
- Decrease in Investment Portfolio Yield due to slightly lower yield in medium term notes partially offset by increased earnings yield in the Local Agency Investment Fund (LAIF) and California Asset Management Program (CAMP) accounts.

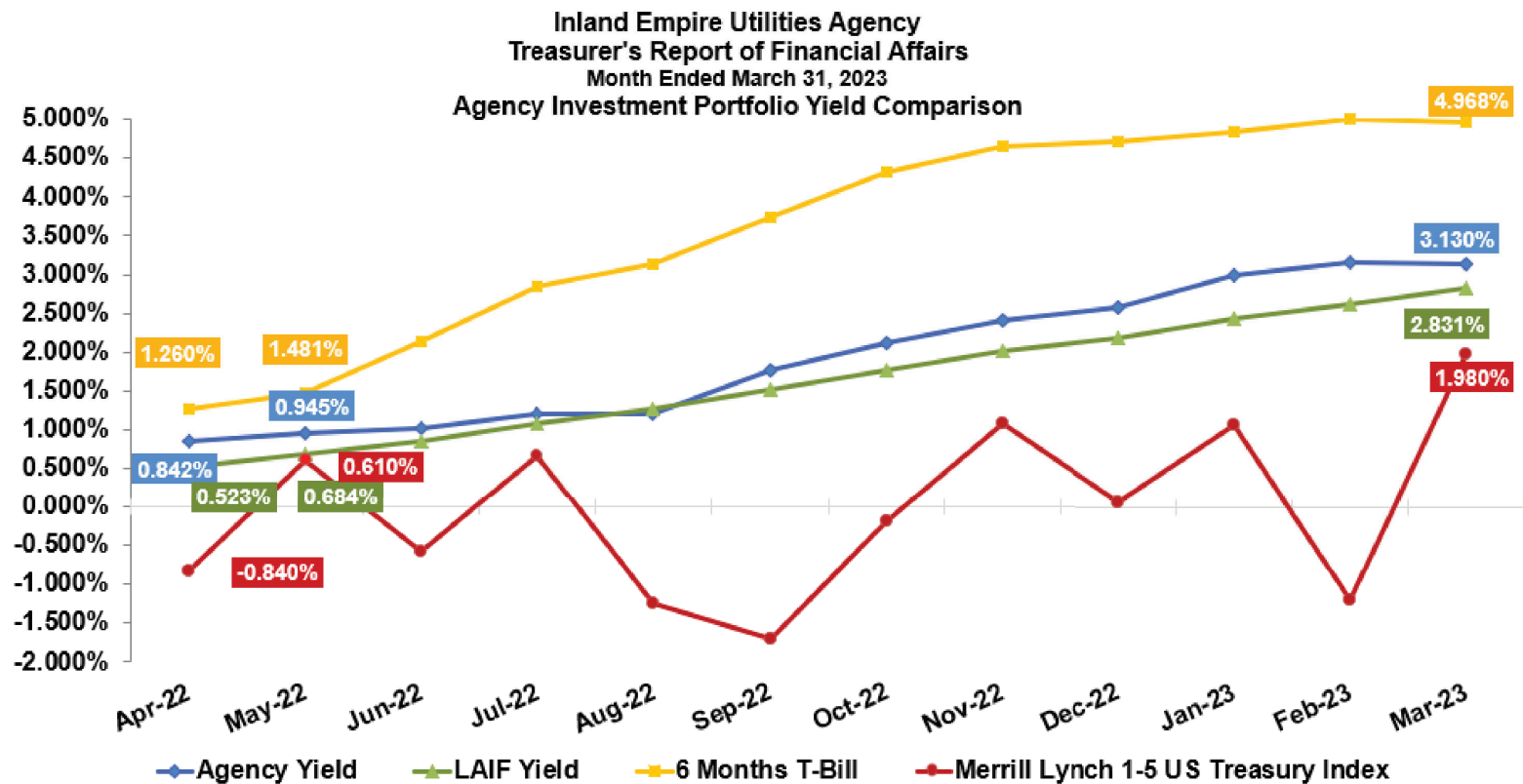
Description	March \$ Millions	February \$ Millions	Increase / (Decrease) \$ Millions
Investment Portfolio	\$258.5	\$262.4	(\$3.9)
Cash and Restricted Deposits	\$141.0	\$140.0	\$1.0
Total Investments, Cash, and Restricted Deposits	\$399.5	402.4	\$2.9
Investment Portfolio Yield	3.130%	3.162%	(0.032%)
Weighted Average Duration (Years)	1.18	1.14	0.04
Average Cash on Hand (Days)	312	318	(6)

Monthly cash and investment summaries available at: <https://www.ieua.org/read-our-reports/cash-and-investment/>

Agency Investment Position

Authorized Investments	Allowable Threshold (\$ million or %)	Under 1 Year	1 – 3 Years	Over 3 Years	Total	Average Yield %	Portfolio % (Unrestricted)
Local Agency Investment Fund	\$75	\$22.6	\$0.0	\$0.0	\$22.6	2.831%	8.74%
California Asset Management Program	n/a	111.0	0.0	0.0	111.0	4.800%	42.95%
Citizens Business Bank – Sweep	40%	9.9	0.0	0.0	9.9	0.500%	3.82%
Sub-Total Agency Managed		\$143.5	\$0.0	\$0.0	\$143.5	4.194%	55.51%
Brokered Certificates of Deposit (CD)	30%	\$0.0	\$1.1	\$0.0	\$1.1	5.440%	0.41%
Medium Term Notes	30%	2.5	11.1	6.6	20.2	2.655%	7.83%
Municipal Bonds	10%	0.2	1.9	0.0	2.1	0.986%	0.83%
Supranational Bonds	20%	0.0	1.7	0.0	1.7	0.520%	0.65%
US Treasury Notes	n/a	9.9	39.7	18.5	68.1	1.809%	26.35%
US Government Securities	n/a	6.1	15.7	0.0	21.8	0.995%	8.42%
Sub-Total PFM Managed		\$18.7	\$71.2	\$25.1	\$115.0	1.803%	44.49%
Total		\$162.2	\$71.2	\$25.1	\$258.5	3.130%	100.00%

Portfolio Yield Comparison



TREASURER'S REPORT OF FINANCIAL AFFAIRS

For the Month Ended March 31, 2023



All investment transactions have been executed in accordance with the criteria stated in the Agency's Investment Policy (Resolution No. 2022-4-8) adopted by the Inland Empire Utilities Agency's Board of Directors during its regular meeting held on April 20, 2022.

The funds anticipated to be available during the next six-month period are expected to be sufficient to meet all foreseen expenditures during the period.

* A Municipal Water District

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

	March	February	Variance
<u>Cash, Bank Deposits, and Bank Investment Accounts</u>	\$2,006,641	\$2,210,084	(\$203,443)
<u>Investments</u>			
Agency Managed			
Citizens Business Bank (CBB) Repurchase (Sweep)	\$9,889,435	\$5,652,002	\$4,237,433
Local Agency Investment Fund (LAIF)	22,582,810	22,582,810	-
California Asset Management Program (CAMP)	111,008,149	119,540,670	(8,532,521)
Total Agency Managed Investments	143,480,394	147,775,482	(\$4,295,088)
PFM Managed			
Certificates of Deposit	\$1,065,000	\$1,810,000	(\$745,000)
Municipal Bonds	2,140,781	2,140,811	(30)
Supra-National Agency Bonds	1,669,390	1,669,355	35
Medium Term Notes	20,249,927	20,856,036	(606,109)
U.S. Treasury Notes	68,095,757	66,344,199	1,751,558
U.S. Government Sponsored Entities	21,764,545	21,765,784	(1,239)
Total PFM Managed Investments	114,985,400	114,586,185	\$399,215
Total Investments	\$258,465,794	\$262,361,667	(\$3,895,873)
Total Cash and Investments Available to the Agency	\$260,472,435	\$264,571,751	(\$4,099,316)
<u>Restricted Deposits</u>			
CAMP Water Connection Reserve	\$26,731,371	\$26,053,029	\$678,342
LAIF Self Insurance Reserve	6,573,509	6,573,509	-
Bond and Note Accounts	18,874,023	18,805,736	68,287
2020B Construction Accounts	55,823,224	55,779,288	43,936
California Employers' Retirement Benefit Trust Account - CERBT (Other Post Employment Benefits - OPEB)	20,429,685	20,070,634	359,051
Escrow Deposits	10,520,952	10,512,300	8,652
Total Restricted Deposits	\$138,952,764	\$137,794,496	\$1,158,268
Total Cash, Investments, and Restricted Deposits	\$399,425,199	\$402,366,247	(\$2,941,048)

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Cash, Bank Deposits, and Bank Investment Accounts

CBB Demand Account (Negative balance offset by CBB Sweep Balance)	\$1,559,111
CBB Payroll Account	-
CBB Workers' Compensation Account	59,431
Subtotal Demand Deposits	<u>\$1,618,542</u>

Other Cash and Bank Accounts

Petty Cash	\$2,250
Subtotal Other Cash	<u>\$2,250</u>

US Bank Pre-Investment Money Market Account

\$385,849

Total Cash and Bank Accounts

\$2,006,641

Unrestricted Investments

CBB Repurchase (Sweep) Investments

Fannie Mae (FNMA)	\$9,889,435
Subtotal CBB Repurchase (Sweep)	<u>\$9,889,435</u>

Local Agency Investment Fund (LAIF)

LAIF Fund	\$22,582,810
Subtotal Local Agency Investment Fund	<u>\$22,582,810</u>

California Asset Management Program (CAMP)

Short Term	\$111,008,149
Subtotal CAMP	<u>\$111,008,149</u>

Subtotal Agency Managed Investment Accounts

\$143,480,394

Brokered Certificates of Deposit

Brokered Certificates of Deposit	\$1,065,000
Subtotal Brokered Certificates of Deposit	<u>\$1,065,000</u>

Supra-National Agency Bonds

Inter-American Development Bank Notes	\$1,669,390
Subtotal Supra-National Agency Bonds	<u>\$1,669,390</u>

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Municipal Bonds

Subtotal State and Local Municipal Bonds	\$2,140,781
Subtotal State and Municipal Bonds	<u>\$2,140,781</u>

Medium Term Notes

Medium Term Notes	\$20,249,927
Subtotal Medium Term Notes	<u>\$20,249,927</u>

U.S. Treasury Notes

Treasury Note	\$68,095,757
Subtotal U.S. Treasury Notes	<u>\$68,095,757</u>

U.S. Government Sponsored Entities

Fannie Mae Bank	\$14,592,699
Freddie Mac Bank	5,160,253
Federal Home Loan Bank	<u>2,011,593</u>
Subtotal U.S. Government Sponsored Entities	<u>\$21,764,545</u>

Subtotal PFM Managed Investment Accounts	<u>\$114,985,400</u>
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<i>Total Investments</i>	<u>\$258,465,794</u>
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Restricted Deposits

Investment Pool Accounts

CAMP - Water Connection Reserves	\$26,731,371
LAIF - Self Insurance Fund Reserves	<u>6,573,509</u>
Subtotal Investment Pool Accounts	<u>\$33,304,880</u>

Bond and Note Accounts

2017A Debt Service Accounts	\$431
2020A Debt Service Accounts	1
2020B Debt Service Accounts	39
2020B Capitalized Interest	<u>18,873,552</u>
Subtotal Bond and Note Accounts	<u>\$18,874,023</u>

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Restricted Deposits Continued

2020B Construction Project Accounts

LAIF Construction Project Accounts	\$44,996,548
CAMP Construction Project Accounts	10,826,676
Subtotal 2020B Construction Project Accounts	<u>\$55,823,224</u>

CalPERS

CERBT Account (OPEB)	\$20,429,685
Subtotal CalPERS Accounts	<u>\$20,429,685</u>

Escrow Deposits

W.M. Lyles Construction	\$9,986,882
MNR Construction, Inc.	534,070
Subtotal Escrow Deposits	<u>\$10,520,952</u>

Total Restricted Deposits

\$138,952,764

Total Cash, Investments, and Restricted Deposits as of March 31, 2023

\$399,425,199

Total Cash, Investments, and Restricted Deposits as of 03/31/23

\$399,425,199

Less: Total Cash, Investments, and Restricted Deposits as of 02/28/23

402,366,247

Total Monthly Increase (Decrease)

(\$2,941,048)

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Par	Cost Basis	Term	March	% Coupon	% Yield to Maturity	Maturity	Market
Amount	Amount	(Days)	Value			Date	Value

Cash, Bank Deposits, and Bank Investment Accounts

Citizens Business Bank (CBB)

Demand Account	\$1,559,111	\$1,559,111	N/A	\$1,559,111	N/A	N/A	\$1,559,111
Payroll Checking	0	0	N/A	0	N/A	N/A	0
Workers' Compensation Account	59,431	59,431	N/A	59,431	N/A	N/A	59,431
Subtotal CBB Accounts	\$1,618,542	\$1,618,542		\$1,618,542			\$1,618,542

US Bank (USB)

Custodial Money Market (<i>Investment Mgmt.</i>)	\$2,794	\$2,794	N/A	\$2,794	4.22%	N/A	\$2,794
Custodial Money Market (<i>Debt Service</i>)	383,055	383,055	N/A	383,055	4.22%	N/A	383,055
Subtotal USB Account	\$385,849	\$385,849		\$385,849	4.22%		\$385,849

Petty Cash	\$2,250	\$2,250	N/A	\$2,250	N/A	N/A	\$2,250
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Total Cash, Bank Deposits and Bank Investment Accounts	\$2,006,641	\$2,006,641		\$2,006,641			\$2,006,641
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Investments

CBB Daily Repurchase (Sweep) Accounts

Fannie Mae (FNMA)	\$9,889,435	\$9,889,435	N/A	\$9,889,435	0.50%	N/A	\$9,889,435
Subtotal CBB Repurchase Accounts	\$9,889,435	\$9,889,435		\$9,889,435	0.50%		\$9,889,435

LAIF Accounts

Non-Restricted Funds	\$22,582,810	\$22,582,810	N/A	\$22,582,810	2.831%	N/A	\$22,582,810
Subtotal LAIF Accounts	\$22,582,810	\$22,582,810		\$22,582,810	2.831%		\$22,582,810

CAMP Accounts

Non-Restricted Funds	\$111,008,149	\$111,008,149	N/A	\$111,008,149	4.80%	N/A	\$111,008,149
Subtotal CAMP Accounts	\$111,008,149	\$111,008,149		\$111,008,149	4.80%		\$111,008,149

Subtotal Agency Managed Investment Accounts	\$143,480,394	\$143,480,394		\$143,480,394	4.19%		\$143,480,394
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Brokered Certificates of Deposit (CDs)

Toronto Dominion Bank NY	\$1,065,000	\$1,065,000	1312	\$1,065,000	5.47%	5.44%	10/25/24	\$1,064,404
Subtotal Brokered CDs	\$1,065,000	\$1,065,000		\$1,065,000		5.44%		\$1,064,404

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Par	Cost Basis	Term	March	%	%	Maturity	Market
Amount	Amount	(Days)	Value	Coupon	Yield to Maturity	Date	Value

Investments (continued)

US Treasury Note

US Treasury Note	\$1,110,000	\$1,108,136	30	\$1,108,198	2.75%	4.73%	04/30/23	\$1,108,092
US Treasury Note	1,875,000	1,870,898	877	1,873,934	0.25%	0.34%	11/15/23	1,823,145
US Treasury Note	1,825,000	1,843,464	1713	1,827,458	2.75%	2.52%	11/15/23	1,801,617
US Treasury Note	2,525,000	2,479,826	1786	2,518,854	2.13%	2.52%	11/30/23	2,482,391
US Treasury Note	990,000	988,608	1044	989,656	0.13%	0.17%	12/15/23	958,753
US Treasury Note	120,000	120,356	1813	120,054	2.63%	2.56%	12/31/23	118,181
US Treasury Note	810,000	806,235	917	808,813	0.13%	0.31%	01/15/24	781,270
US Treasury Note	675,000	709,778	566	687,477	2.38%	0.35%	02/29/24	660,762
US Treasury Note	2,345,000	2,355,534	1792	2,347,322	2.00%	1.90%	04/30/24	2,279,780
US Treasury Note	210,000	208,679	1059	209,489	0.25%	0.47%	05/15/24	200,222
US Treasury Note	575,000	580,930	1824	576,482	2.00%	1.78%	06/30/24	557,750
US Treasury Note	1,000,000	1,016,172	2183	1,004,332	2.13%	1.78%	07/31/24	970,313
US Treasury Note	1,310,000	1,349,146	1824	1,321,761	2.13%	1.50%	09/30/24	1,268,448
US Treasury Note	595,000	614,454	1822	601,182	2.25%	1.57%	10/31/24	576,592
US Treasury Note	510,000	521,814	1789	514,022	2.13%	1.63%	11/30/24	492,708
US Treasury Note	1,820,000	1,876,875	1258	1,847,533	1.50%	0.58%	11/30/24	1,740,659
US Treasury Note	1,445,000	1,383,588	1009	1,405,134	1.13%	2.73%	01/15/25	1,369,363
US Treasury Note	340,000	335,232	1475	337,443	0.25%	0.60%	05/31/25	313,703
US Treasury Note	1,900,000	1,866,230	1440	1,881,450	0.25%	0.71%	05/31/25	1,753,047
US Treasury Note	2,050,000	2,027,898	1488	2,036,885	0.25%	0.52%	08/31/25	1,877,992
US Treasury Note	990,000	968,228	1463	976,413	0.25%	0.81%	09/30/25	906,005
US Treasury Note	1,600,000	1,573,125	1482	1,583,443	0.25%	0.67%	09/30/25	1,464,250
US Treasury Note	435,000	427,965	1658	430,867	0.38%	0.74%	11/30/25	396,802
US Treasury Note	1,910,000	1,873,218	1623	1,887,926	0.38%	0.82%	11/30/25	1,742,278
US Treasury Note	2,925,000	2,845,591	1489	2,873,056	0.38%	1.06%	11/30/25	2,668,148
US Treasury Note	815,000	810,034	1814	812,248	0.38%	0.50%	12/31/25	742,669
US Treasury Note	1,780,000	1,751,145	1699	1,762,931	0.38%	0.73%	12/31/25	1,622,025
US Treasury Note	870,000	820,995	1439	834,719	0.38%	1.86%	01/31/26	789,797
US Treasury Note	1,520,000	1,466,087	1486	1,482,414	0.38%	1.27%	01/31/26	1,379,875
US Treasury Note	1,540,000	1,400,437	1368	1,434,308	0.38%	2.95%	01/31/26	1,398,031
US Treasury Note	2,345,000	2,248,910	1479	2,277,692	0.38%	1.42%	01/31/26	2,128,820
US Treasury Note	2,940,000	3,257,428	1822	3,120,492	2.63%	0.43%	01/31/26	2,843,531
US Treasury Note	1,765,000	1,717,428	1850	1,732,217	0.50%	1.15%	02/28/26	1,603,944
US Treasury Note	3,110,000	3,068,088	1821	3,085,511	0.50%	0.78%	02/28/26	2,826,212
US Treasury N/B Note	1,360,000	1,359,469	1664	1,359,650	0.75%	0.76%	03/31/26	1,244,188
US Treasury N/B Note	1,464,000	1,453,192	1805	1,457,078	0.75%	0.90%	05/31/26	1,331,554
US Treasury N/B Note	2,120,000	1,942,947	1453	1,979,137	0.75%	2.99%	05/31/26	1,928,206

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

	Par	Cost Basis	Term	March	%	%	Maturity	Market
	Amount	Amount	(Days)	Value	Coupon	Yield to Maturity	Date	Value
<u>Investments (continued)</u>								
US Treasury N/B Note	\$890,000	\$819,461	1637	\$834,930	0.88%	2.77%	09/30/26	\$806,006
US Treasury N/B Note	1,190,000	1,086,851	1604	1,107,815	0.88%	3.00%	09/30/26	1,077,694
US Treasury Note	1,500,000	1,457,637	1686	1,464,421	2.25%	2.91%	02/15/27	1,421,016
US Treasury N/B Note	2,115,000	1,890,281	1729	1,921,344	0.50%	2.92%	04/30/27	1,862,192
US Treasury Note	1,055,000	936,436	1784	951,921	0.50%	2.99%	06/30/27	923,949
US Treasury Note	3,315,000	3,142,905	1804	3,162,652	2.25%	3.40%	08/15/27	3,126,977
US Treasury Note	1,965,000	1,952,181	1792	1,953,247	4.13%	4.27%	09/30/27	2,002,151
US Treasury Note	1,120,000	1,120,366	1788	1,119,387	4.13%	3.81%	10/31/27	1,126,409
US Treasury Note	2,165,000	1,843,717	1788	1,859,243	0.50%	3.91%	10/31/27	1,878,476
US Treasury Note	620,000	613,122	1909	613,216	4.00%	4.25%	02/29/28	631,237
Subtotal US Treasuries	\$69,439,000	\$67,911,096		\$68,095,757		1.81%		\$65,007,230
<u>U.S. Government Sponsored Entities</u>								
Fannie Mae Bond	\$645,000	\$645,000	1,092	\$645,000	0.36%	0.36%	08/18/23	\$634,111
Freddie Mac Bond	885,000	884,097	1,098	884,881	0.25%	0.28%	08/24/23	869,037
Fannie Mae Bond	855,000	853,273	1,741	854,837	2.88%	2.92%	09/12/23	847,282
Fannie Mae Bond	1,820,000	1,803,274	1,772	1,818,452	2.88%	3.08%	09/12/23	1,803,571
Freddie Mac Bond	805,000	804,203	1,095	804,820	0.25%	0.28%	12/04/23	780,661
Federal Home Loan Bank	870,000	895,642	1,772	873,632	3.38%	2.72%	12/08/23	861,210
Federal Home Loan Bank	190,000	189,327	1,824	189,883	2.50%	2.58%	02/13/24	186,233
Fannie Mae Bond	2,055,000	2,130,234	1,769	2,082,516	1.63%	0.85%	01/07/25	1,964,714
Freddie Mac Bond	1,215,000	1,214,065	1,825	1,214,650	1.50%	1.52%	02/12/25	1,156,940
Federal Home Loan Bank	950,000	945,288	1,824	948,078	0.50%	0.60%	04/14/25	882,628
Fannie Mae Bond	495,000	496,629	1,792	495,683	0.63%	0.56%	04/22/25	460,824
Fannie Mae Bond	1,275,000	1,272,373	1,824	1,273,917	0.63%	0.67%	04/22/25	1,186,971
Fannie Mae Bond	1,425,000	1,432,296	1,782	1,428,079	0.63%	0.52%	04/22/25	1,326,615
Fannie Mae Bond	240,000	241,126	1,716	240,530	0.50%	0.40%	06/17/25	221,864
Fannie Mae Bond	995,000	996,473	1,693	995,703	0.50%	0.47%	06/17/25	919,810
Fannie Mae Bond	1,435,000	1,441,931	1,778	1,438,150	0.50%	0.40%	06/17/25	1,326,560
Fannie Mae Bond	1,480,000	1,476,936	1,824	1,478,643	0.50%	0.54%	06/17/25	1,368,159
Freddie Mac Bond	895,000	890,543	1,824	892,943	0.38%	0.48%	07/21/25	822,729
Fannie Mae Bond	950,000	945,554	1,824	947,862	0.38%	0.47%	08/25/25	870,696
Freddie Mac Bond	1,365,000	1,360,891	1,824	1,362,959	0.38%	0.44%	09/23/25	1,248,440
Fannie Mae Bond	895,000	891,796	1,821	893,327	0.50%	0.57%	11/07/25	817,893
Subtotal U.S. Gov't Sponsored Entities	\$21,740,000	\$21,810,951		\$21,764,545		0.995%		\$20,556,948
<u>Supra-National Agency Bond</u>								
Inter-American Development Bank Notes	\$1,670,000	\$1,668,764	1,096	\$1,669,390	0.50%	0.52%	09/23/24	\$1,579,205
Subtotal Supra-National Agency Bond	\$1,670,000	\$1,668,764		\$1,669,390		0.52%		\$1,579,205

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Par	Cost Basis	Term	March	%	%	Maturity	Market
Amount	Amount	(Days)	Value	Coupon	Yield to Maturity	Date	Value

Investments (continued)

Municipal Bonds

CA State Earthquake Authority Taxable Rev	\$195,000	\$195,000	949	\$195,000	1.48%	1.48%	07/01/23	\$193,153
Maryland State GO Bond	250,000	249,930	1457	249,976	0.51%	0.52%	08/01/24	237,965
CA State Dept of Wtr Res	100,000	100,000	1578	100,000	0.56%	0.56%	12/01/24	93,391
Univ. of CA Revenue Bond	90,000	90,326	1764	90,140	0.88%	0.81%	05/15/25	83,745
Univ. of CA Revenue Bond	205,000	205,000	1764	205,000	0.88%	0.88%	05/15/25	190,753
Florida State Board of Admin. Taxable Rev	200,000	201,414	1749	200,665	1.26%	1.11%	07/01/25	186,320
Florida State Board of Admin. Taxable Rev	520,000	520,000	1749	520,000	1.26%	1.26%	07/01/25	484,432
Los Angeles CCD CA Taxable GO Bonds	375,000	375,000	1725	375,000	0.77%	0.77%	08/01/25	344,857
NJ TPK Authority	205,000	205,000	1792	205,000	1.05%	1.05%	01/01/26	184,951
Subtotal State and Local Municipal Bonds	\$2,140,000	\$2,141,670		\$2,140,781		0.99%		\$1,999,567

Medium Term Notes

Apple Inc. Corp.	\$565,000	\$563,463	1095	\$564,944	0.75%	0.84%	05/11/23	\$561,987
UnitedHealth Group Inc	720,000	755,741	1330	722,015	3.50%	2.08%	06/15/23	717,391
Pfizer Inc	1,260,000	1,276,393	1807	1,262,950	2.95%	2.67%	03/15/24	1,237,750
Amazon Com. Inc.	560,000	559,182	1096	559,696	0.45%	0.50%	05/12/24	536,015
Walmart Inc	1,425,000	1,495,195	1768	1,442,529	2.85%	1.78%	07/08/24	1,392,920
JP Morgan Chase	570,000	570,000	1461	570,000	0.65%	0.65%	09/16/24	556,207
Bank of America	725,000	725,000	1464	725,000	0.81%	0.81%	10/24/24	704,652
John Deere Capital Corp	790,000	770,045	1037	777,492	1.25%	2.17%	01/10/25	747,002
Toyota Motor	315,000	318,078	1724	316,221	1.80%	1.58%	02/13/25	299,370
Toyota Motor	425,000	429,152	1724	426,647	1.80%	1.58%	02/13/25	403,912
Novartis Capital	1,425,000	1,475,744	1743	1,444,385	1.75%	0.98%	02/14/25	1,353,217
JP Morgan Chase	555,000	555,000	1461	555,000	0.82%	0.82%	06/01/25	526,101
Pepsico Inc	1,115,000	1,092,510	1437	1,094,036	3.50%	4.37%	07/17/25	1,099,635
Intel Corp	1,115,000	1,091,474	1449	1,093,049	3.70%	4.60%	07/29/25	1,098,651
JP Morgan Chase	355,000	355,000	1460	355,000	0.77%	0.77%	08/09/25	333,399
Microsoft Corp (Callable)	560,000	543,346	1546	544,353	3.13%	4.28%	11/03/25	545,503
Bristol Myers	349,000	345,524	1606	346,929	0.75%	0.98%	11/13/25	318,678
Bank of Americ Corp	880,000	880,000	1472	880,000	3.38%	3.38%	04/02/26	844,170
Microsoft Corp (Callable)	1,100,000	1,112,199	1625	1,109,016	2.40%	2.14%	08/08/26	1,045,773
Mastercard Inc	1,705,000	1,621,148	1430	1,627,012	2.95%	4.33%	11/21/26	1,623,426
Target Corp	150,000	149,745	1817	149,806	1.95%	1.99%	01/15/27	138,682
Target Corp	690,000	689,579	1810	689,678	1.95%	1.96%	01/15/27	637,937
Truist Financial Corp	935,000	817,779	2010	833,139	1.13%	3.91%	08/03/27	791,207
Home Depot Inc	1,145,000	1,079,586	1726	1,081,950	2.80%	4.17%	09/14/27	1,084,687
Amazon Inc	1,075,000	1,079,322	1804	1,079,080	4.55%	4.46%	12/01/27	1,089,463
Subtotal Medium Term Notes	\$20,509,000	\$20,350,204		\$20,249,927		2.65%		\$19,687,735
Subtotal PFM Managed Investment Accounts	\$116,563,000	\$114,947,685		\$114,985,400		1.806%		\$109,895,089
Total Investments	\$260,043,394	\$258,428,079		\$258,465,794				\$253,375,483

(Source of Investment Amortized Cost: PFM)

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

	Par	Cost Basis	Term	March	%	%	Maturity	Market
	Amount	Amount	(Days)	Value	Coupon	Yield to Maturity	Date	Value
Restricted Deposits								
Investment Pool Accounts								
CAMP - Water Connection Reserves	\$26,731,371	\$26,731,371	N/A	\$26,731,371		4.80%	N/A	\$26,731,371
LAIF - Self Insurance Reserves	6,573,509	6,573,509	N/A	6,573,509		2.83%	N/A	6,573,509
Total Investment Pool Accounts	\$33,304,880	\$33,304,880		\$33,304,880		4.41%		\$33,304,880
Bond and Note Accounts								
2017A Debt Service Accounts	\$431	\$431	N/A	\$431		0.00%	N/A	\$431
2020A Debt Service Accounts	1	1	N/A	1		0.00%	N/A	1
2020B Debt Service Accounts	39	39	N/A	39		0.00%	N/A	39
2020B Capitalized Interest Account	18,873,552	18,873,552	N/A	18,873,552		4.80%	N/A	18,873,552
Total Bond and Note Accounts	\$18,874,023	\$18,874,023		\$18,874,023		4.80%		\$18,874,023
2020B Construction Project Account								
LAIF Construction Fund	\$44,996,548	\$44,996,548	N/A	\$44,996,548		2.83%	N/A	\$44,996,548
CAMP Construction Fund	10,826,676	10,826,676		10,826,676		4.80%	N/A	10,826,676
Subtotal 2020B Construction Fund	\$55,823,224	\$55,823,224		\$55,823,224		3.21%		\$55,823,224
Total 2020B Construction Project Accts	\$55,823,224	\$55,823,224		\$55,823,224		3.213%		\$55,823,224
CalPERS Deposits								
CERBT Account (OPEB)	\$16,000,000	\$16,000,000	N/A	\$20,429,685		N/A	N/A	\$20,429,685
Subtotal CalPERS Deposits	\$16,000,000	\$16,000,000		\$20,429,685				\$20,429,685
<i>CERBT Strategy 2 Performance as of February 28, 2023 based on 1 year net return was -11.27%</i>								
Escrow Deposits								
W. M. Lyles Construction	\$9,986,882	\$9,986,882	N/A	\$9,986,882		N/A	N/A	\$9,986,882
MNR Construction, Inc	534,070	534,070	N/A	534,070		N/A	N/A	534,070
Subtotal Escrow Deposits	\$10,520,952	\$10,520,952		\$10,520,952				\$10,520,952
Total Restricted Deposits	\$134,523,079	\$134,523,079		\$138,952,764				\$138,952,764
Total Cash, Investments, and Restricted Deposits as of March 31, 2023	\$396,573,114	\$394,957,799		\$399,425,199				\$394,334,888

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

March Purchases

No.	Date	Transaction	Investment Security	Type	Par Amount Purchased	Investment Yield to Maturity
1	3/7/2023	Purchase	US Treasury Notes	US Treasury	\$620,000	4.250%
2	3/17/2023	Purchase	US Treasury Notes	US Treasury	745,000	5.740%
3	3/31/2023	Purchase	US Treasury Notes	US Treasury	1,110,000	4.730%
Total Purchases					<u>\$ 2,475,000</u>	

March Investment Maturities, Calls & Sales

No.	Date	Transaction	Investment Security	Type	Par Amount Matured/Sold	Investment Yield to Maturity
1	3/7/2023	Sale	Bank of NY Mellon Corporate Notes	Corporate	\$610,000	3.270%
2	3/17/2023	Mature	Credit Suisse New York Cert Deposit	Certificate of Deposit	745,000	0.590%
3	3/31/2023	Mature	US Treasury Note	US Treasury	745,000	5.740%
Total Maturities, Calls & Sales					<u>\$ 2,100,000</u>	

INLAND EMPIRE UTILITIES AGENCY
Cash and Investment Summary

Month Ended
March 31, 2023

Directed Investment Category

CBB Repurchase (Sweep)
LAIF - Unrestricted
CAMP - Unrestricted
Brokered Certificates of Deposit
Medium Term Notes
Municipal Bonds
Supra-National Bonds
US Treasury Notes
U.S. Government Sponsored Entities

Total Investment Portfolio

Investment Portfolio Rate of Return

Amount Invested	Yield
\$9,889,435	0.500%
22,582,810	2.831%
111,008,149	4.800%
1,065,000	5.440%
20,249,927	2.655%
2,140,781	0.986%
1,669,390	0.520%
68,095,757	1.809%
21,764,545	0.995%
\$258,465,794	

3.130%

Restricted/Transitory/Other Accounts

CCRA Deposits Held by Member Agencies
CalPERS OPEB (CERBT) Account
CAMP Restricted Water Connection Reserve
LAIF Restricted Insurance Reserve
US Bank - 2017A Debt Service Accounts
US Bank - 2020A Refunding Bond Accounts
US Bank - 2020B Revenue Note Accounts
US Bank - Pre-Investment Money Market Account
LAIF Construction Account
CAMP Construction Account
Citizens Business Bank - Demand Account
Citizens Business Bank - Workers' Compensation Account
Citizens Business Bank - Payroll Account
Other Accounts*
Escrow Account

Total Restricted/Transitory/Other Accounts

Average Yield of Other Accounts

Total Agency Directed Deposits

Amount Invested	Yield
\$0	N/A
20,429,685	N/A
26,731,371	4.800%
6,573,509	2.831%
431	0.000%
1	0.000%
18,873,591	4.800%
385,849	4.220%
44,996,548	2.831%
10,826,676	4.800%
1,559,111	N/A
59,431	N/A
0	N/A
2,250	N/A
10,520,952	N/A

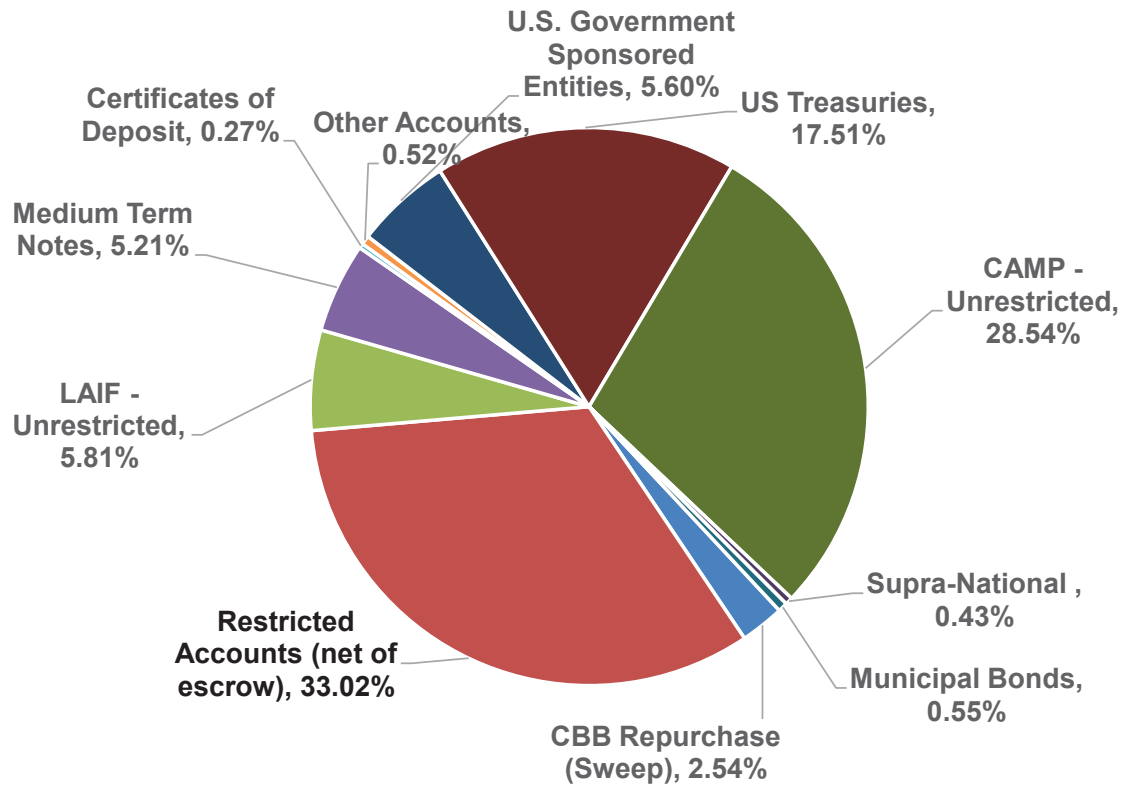
\$140,959,405

3.861%

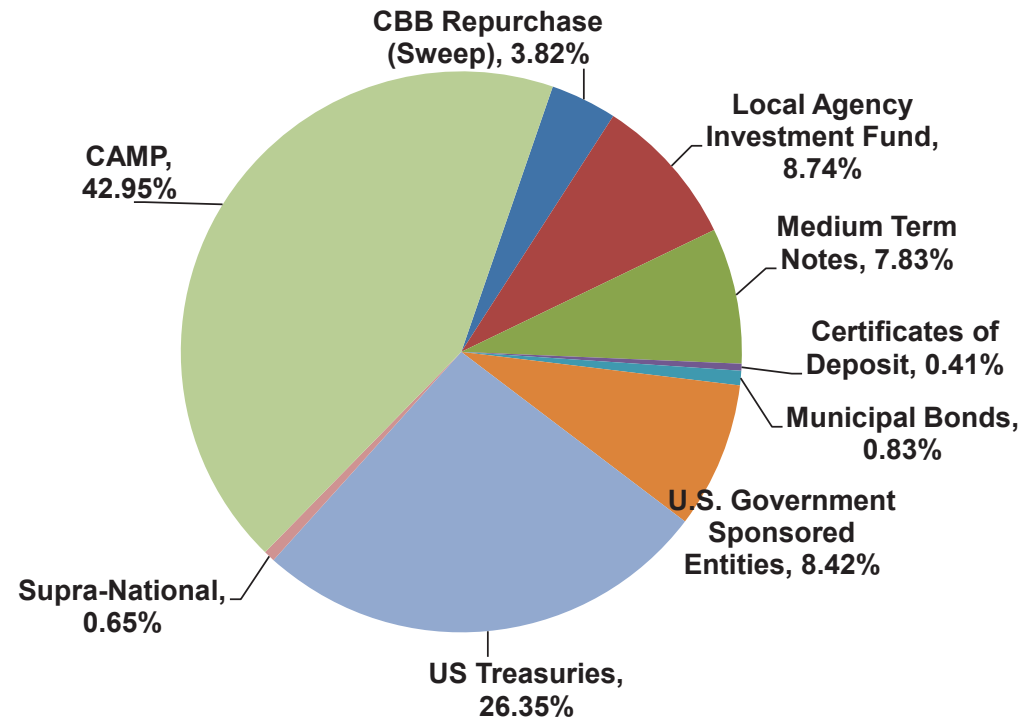
\$399,425,199

*Petty Cash

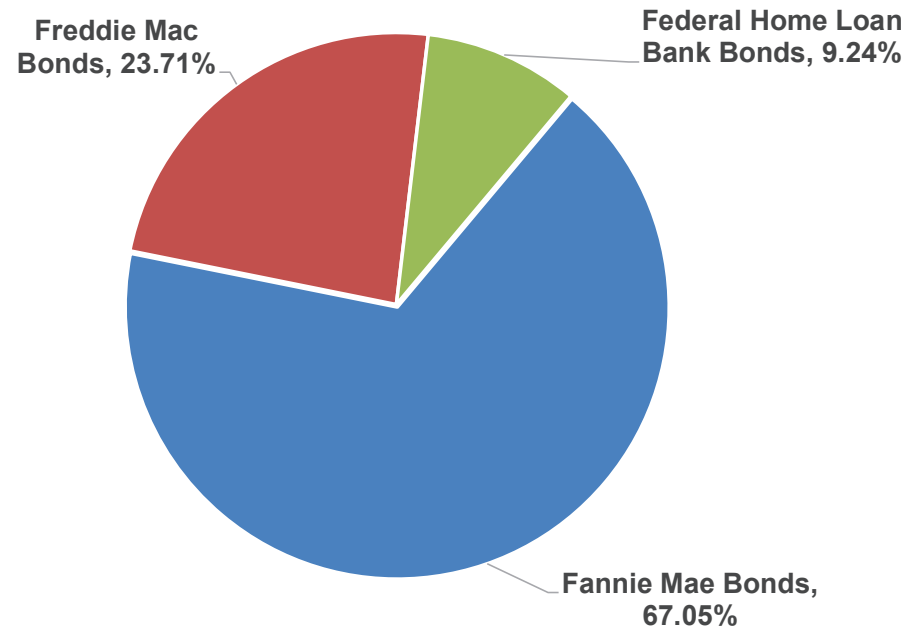
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
 Month Ended March 31, 2023
 Agency Investment Portfolio (Net of Escrow Accounts)
\$388,904,247



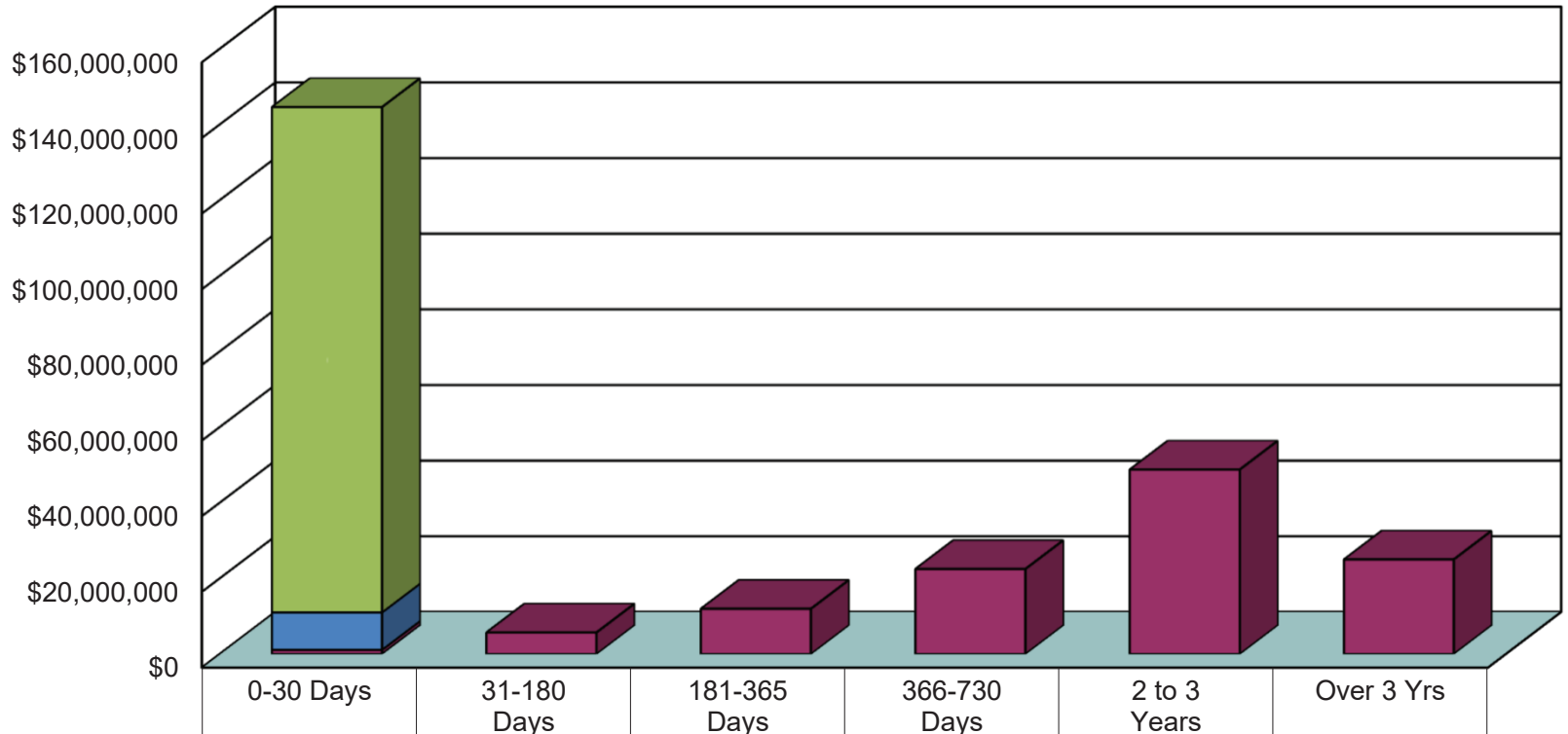
Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
Month Ended March 31, 2023
Unrestricted Agency Investment Portfolio
\$258,465,794



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
Month Ended March 31, 2023
U.S. Government Sponsored Entities Portfolio
\$21,764,545



Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
Month Ended March 31, 2023
Agency Investment Portfolio Maturity Distribution (Unrestricted)
\$258,465,794



■ LAIF+CAMP	\$133,590,959					
■ CBB Repurchase (Sweep)	\$9,889,435					
■ GSE+CD+MTN+MUNI	\$1,108,198	\$5,685,129	\$11,957,531	\$22,470,759	\$48,769,711	\$24,994,072
□ Percent	55.94%	2.20%	4.63%	8.69%	18.87%	9.67%

Inland Empire Utilities Agency
Treasurer's Report of Financial Affairs
Month Ended March 31, 2023
Agency Investment Portfolio Yield Comparison

