AGENDA

REGULAR MEETING OF THE BOARD OF DIRECTORS
LA PUENTE VALLEY COUNTY WATER DISTRICT
112 N. FIRST STREET, LA PUENTE, CALIFORNIA
MONDAY, JULY 10, 2023, AT 4:30 PM

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL OF BOARD OF DIRECTORS

President Hernandez____ Vice President Rojas____ Director Argudo____

Director Barajas____ Director Escalera____

4. PUBLIC COMMENT

Anyone wishing to discuss items on the agenda or pertaining to the District may do so now. The Board may allow additional input during the meeting. A five-minute limit on remarks is requested.

5. ADOPTION OF AGENDA

Each item on the Agenda shall be deemed to include an appropriate motion, resolution or ordinance to take action on any item. Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the District office, located at the address listed above.

6. APPROVAL OF CONSENT CALENDAR

There will be no separate discussion of Consent Calendar items as they are considered to be routine by the Board of Directors and will be adopted by one motion. If a member of the Board, staff, or public requests discussion on a particular item, that item will be removed from the Consent Calendar and considered separately.

A. Approval of Minutes of the Regular Meeting of the Board of Directors held on June 26, 2023.

B. Approval of District's Expenses for the Month of June 2023.

C. Approval of City of Industry Waterworks System Expenses for the Month of June 2023.

D. Receive and File the District's Water Sales Report for June 2023.

E. Receive and File the City of Industry Waterworks System's Water Sales Report for June 2023.

7. ACTION / DISCUSSION ITEMS

A. Consideration of Proposal from Evoqua Water Technologies for Single Pass Ion Exchange Resin Replacement Services.

Recommendation: *Authorize the General Manager to Enter into an Agreement with Evoqua Water Technologies for Single Pass Ion Exchange Resin Replacement Services for $135,414.74.*

8. OPERATIONS AND MAINTENANCE SUPERINTENDENT'S REPORT

Recommendation: *Receive and File*

9. TREATMENT AND SUPPLY SUPERINTENDENT'S REPORT

Recommendation: *Receive and File*

10. GENERAL MANAGER'S REPORT

11. OTHER ITEMS

A. Upcoming Events.

B. Information Items.

12. ATTORNEY'S COMMENTS

13. BOARD MEMBER COMMENTS

A. Report on Events Attended.

B. Other Comments.

14. FUTURE AGENDA ITEMS

15. ADJOURNMENT

POSTED: Friday, July 7, 2023

President Henry P. Hernandez, Presiding.

Any qualified person with a disability may request a disability-related accommodation as needed to participate fully in this public meeting. In order to make such a request, please contact Mr. Roy Frausto, Board Secretary, at (626) 330-2126 in sufficient time prior to the meeting to make the necessary arrangements.

Note: Agenda materials are available for public inspection at the District office or visit the District's website at www.lapuentewater.com.

Item 6 Consent Calendar

MINUTES OF THE REGULAR MEETING OF
THE BOARD OF DIRECTORS OF THE
LA PUENTE VALLEY COUNTY WATER DISTRICT
FOR MONDAY, JUNE 26, 2023, AT 4:30 PM

1. CALL TO ORDER

President Hernandez called the meeting to order at 4:31 p.m.

2. PLEDGE OF ALLEGIANCE

President Hernandez led the meeting in the Pledge of Allegiance.

3. ROLL CALL OF THE BOARD OF DIRECTORS

President Hernandez	Vice President Rojas	Director Argudo	Director Barajas	Director Escalera
Present	Present	Present	Present	Present

OTHERS PRESENT

Staff and Counsel: General Manager & Board Secretary, Roy Frausto; Customer Service & Accounting Supervisor, Shaunte Maldonado; Customer Service and Accounting Clerk II, Vanessa Koyama; Operations & Maintenance Superintendent, Paul Zampiello; and Water Treatment & Supply Superintendent, Cesar Ortiz; and District Counsel, James Ciampa all present.

Public: None.

4. PUBLIC COMMENTS

No comments from the public.

5. ADOPTION OF AGENDA

Motion: Adopt Agenda as Presented.
1st: Director Escalera
2nd: Director Barajas

	Hernandez	**Rojas**	**Argudo**	**Barajas**	**Escalera**
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain, 0 Absent.

6. APPROVAL OF CONSENT CALENDAR

Motion: Approve Consent Calendar as Presented.
1st: President Hernandez
2nd: Director Barajas

	Hernandez	Rojas	Argudo	Barajas	Escalera
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain, 0 Absent.

7. FINANCIAL REPORTS

A. Summary of the District's Cash and Investments as of May 31, 2023.

Mr. Frausto provided a summary of the balances in each account provided in the Summary of Cash and Investments.

Motion: Receive and File the Summary of Cash and Investments as of May 31, 2023.
1st: President Hernandez
2nd: Director Argudo

	Hernandez	Rojas	Argudo	Barajas	Escalera
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain, 0 Absent.

B. Statement of District's Revenue and Expenses as of May 31, 2023.

Ms. Maldonado provided a summary of the Statement of Revenues and Expenses for the District as of May 31, 2023.

Motion: Receive and File the Statement of the District's Revenue and Expenses as of May 31, 2023.
1st: President Hernandez
2nd: Vice President Rojas

	Hernandez	Rojas	Argudo	Barajas	Escalera
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain, 0 Absent.

C. Statement of the Industry Public Utilities' Water Operations Revenue and Expenses as of May 31, 2023.

Ms. Maldonado provided a summary of the Statement of Revenues and Expenses for the Industry Public Utilities' Water Operations.

Motion: Receive and File the Statement of the Industry Public Utilities Water Operations' Revenue and Expenses as of May 31, 2023.
1st: President Hernandez
2nd: Director Barajas

	Hernandez	Rojas	Argudo	Barajas	Escalera
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain, 0 Absent.

8. WATER RATE STUDY WORKSHOP

Mr. Frausto introduced Greg Clumpner from NBS Government Finance Group on Zoom to give a presentation based on results from his findings on the rate study.

9. ACTION / DISCUSSION ITEMS

A. Industry Public Utilities' 2022 Consumer Confidence Report.

Mr. Frausto discussed the 2022 Consumer Confidence Report for Distribution for Industry Public Utility customers.

Motion: Approve Industry Public Utility's 2022 Consumer Confidence Report for Distribution.
1st: Director Barajas
2nd: Director Escalera

	Hernandez	**Rojas**	**Argudo**	**Barajas**	**Escalera**
Vote	Yes	Yes	Yes	Yes	Yes

Motion carried by a vote of: 5 Yes, 0 No, 0 Abstain, 0 Absent

10. GENERAL MANAGER'S REPORT

Mr. Frausto reported briefly on the Recycled Water Project, the District participating in Concerts at the Park and the official testing at the PVOU Plant.

11. OTHER ITEMS

A. Upcoming Events

Mr. Frausto announced the upcoming events and if any of the Board Members were interested in attending.

B. Information Items.

Included in Board Packet.

12. ATTORNEY'S COMMENTS

Mr. Ciampa went over the new legislative issues pertaining to water.

13. BOARD MEMBERS COMMENTS

A. Report on Events Attended.

President Hernandez and Director Escalera both reported that they attended two events: (1) ACWA Spring Conference in Monterey and (2) SGVWA Breakfast
Vice President Rojas reported that he attended one event (1) SGVWA Breakfast.

B. Other Comments.

None

14. FUTURE AGENDA ITEMS

None.

15. ADJOURNMENT

President Hernandez adjourned the meeting at 6:05 p.m.

Attest:

Henry P. Hernandez, President	Roy Frausto, Secretary

La Puente Water District June 2023 Disbursements

Check #	Payee		Amount	Description
10896	Cintas	$	198.39	Uniform Expense
10897	Mutual of Omaha	$	1,161.63	Life & Disability Insurance
10898	Peck Road Gravel	$	360.00	Asphalt & Concrete
10899	S & J Supply Co Inc	$	125.97	Field Supplies
10900	San Gabriel Valley Water Company	$	169.45	Water Service @ Treatment Plant
10901	SC Edison	$	8,948.46	Power Expense
10902	Total Compensation Systems Inc	$	1,800.00	GASB 75 - 2nd Installment
10903	Underground Service Alert	$	155.70	Line Notifications
10904	Verizon Wireless	$	341.81	Cellular Service
10905	Weck Laboratories Inc	$	47.10	Water Sampling
10906	Western Water Works	$	10,175.66	Field Supplies - Inventory
10907	Verizon Wireless	$	114.03	Cellular Service
10908	Waste Management of SG Valley	$	230.72	Trash Service
10909	Petty Cash	$	54.52	Office Expense
10910	County of Los Angeles Assessor	$	58.50	Mapping
10911	Jianxin Ding	$	891.30	Customer Overpayment Refund
10912	Alexandra Guevara	$	460.00	Cleaning Service
10913	Applied Technology Group Inc	$	30.00	Radio System
10914	Corporate Billing LLC Dept	$	3,169.90	Truck Maintenance
10915	Eide Bailly LLP	$	1,656.25	Administrative Support
10916	Ferguson Waterworks	$	3,201.00	Meter Replacement
10917	Highroad IT	$	1,946.70	Technical Support
10918	Merritt's Hardware	$	483.39	Field Supplies
10919	Peck Road Gravel	$	190.00	Asphalt & Concrete
10920	Public Water Agencies Group	$	578.25	Administrative Expense
10921	Resource Building Materials	$	96.05	Concrete
10922	S & J Supply Co Inc	$	62.87	Field Supplies
10923	SC Edison	$	310.23	Power Expense
10924	Sunbelt Rentals	$	382.67	Equipment Rental
10925	U.S. Postal Service	$	430.00	Annual P.O. Box Fee
10926	Vulcan Materials Company	$	495.91	Asphalt
10927	Weck Laboratories Inc	$	234.53	Water Sampling
10928	All American Crane Maintenance	$	1,097.39	Equipment Inspection
10929	Hach Company	$	1,822.61	Compliance
10930	Northstar Chemical	$	17,024.19	Chemicals Expense
10931	Weck Laboratories Inc	$	3,499.53	Water Sampling
10932	Weck Laboratories Inc	$	991.92	Water Sampling
10933	Airgas USA LLC	$	112.16	Well Maintenance
10934	Chevron	$	3,776.19	Vehicle Fuel
10935	Citi Cards	$	8.13	Office Expense
10936	CJ Brown & Company CPAs	$	1,645.00	Audit Service
10937	Continental Utility Solutions Inc	$	56.30	Billing Expense
10938	County Sanitation Dists of LA County	$	368.07	Refuse Fee's

La Puente Water District June 2023 Disbursements - continued

Check #	Payee		Amount	Description
10939	Jack Henry & Associates	$	36.75	Web E-Check Fee's
10940	Lagerlof LLP	$	2,000.00	Attorney Fee's
10941	NBS	$	4,807.50	Water Rate Consulting
10942	Olson Resources	$	393.75	Administrative Support
10943	S & J Supply Co Inc	$	6,639.60	Field Supplies - Inventory
10944	San Gabriel Valley Water Company	$	196.79	Water Service @ Treatment Plant
10945	SG Creative , LLC	$	4,620.00	CCR & Template Design
10946	South Coast Air Quality Mgmt Dist	$	1,330.52	Emissions Fees
10947	Weck Laboratories Inc	$	114.60	Water Sampling
10948	Spectrum Business	$	717.17	Telephone Service
10949	United Site Services	$	664.78	Restroom Service @ Treatment Plant
10950	Spectrum Business	$	297.97	Telephone Service
10951	Valley Vista Services	$	394.54	Trash Service
10952	Northstar Chemical	$	2,090.00	Chemicals Expense
10953	U.S. Postal Service	$	731.19	CCR Postage
10954	Answering Service Care, LLC	$	158.00	Answering Service
10955	Ferguson Waterworks	$	5,948.80	Field Supplies - Inventory
10956	Fleetio	$	900.00	Truck Maintenance
10957	Hunter Electric	$	5,673.05	Nitrate Project
10958	MJM Communications & Fire	$	720.00	Security Monitoring
10959	National Paving Company, Inc	$	28,441.15	Asphalt Patches
10960	Nobel Systems	$	1,250.00	Annual Subscription
10961	Spectrum Business	$	342.68	Telephone Service
10962	Weck Laboratories Inc	$	96.00	Water Sampling
10963	Western Water Works	$	10,619.20	Field Supplies - Inventory
10964	SC Edison	$	45,258.48	Power Expense
10965	Cintas	$	198.39	Uniform Expense
10966	ACWA/JPIA	$	38,032.70	Health Benefits
10967	Civiltec Engineering Inc	$	55.00	Engineering Services
10968	Geosyntec Consultants	$	6,868.24	Nitrate Project
10969	Mutual of Omaha	$	1,161.63	Life & Disability Insurance
10970	Premier Access Insurance Co	$	3,318.75	Dental Insurance
10971	SC Edison	$	3,545.12	Water Sampling
10972	Verizon Wireless	$	95.00	Cellular Service
10973	Verizon Wireless	$	76.02	Cellular Service
10974	Verizon Wireless	$	342.22	Cellular Service
10975	Western Water Works	$	704.00	Field Supplies - Inventory
10976	Verizon Wireless	$	114.03	Cellular Service
10977	Edward Fierro	$	377.00	Educational Reimbursement
10978	Ryan J Stanton	$	1,052.48	Educational Reimbursement
10980	Alvin Mullins	$	172.00	Customer Overpayment Refund
10981	Citi Cards	$	2,622.97	Admin & Board Expenses
10982	Citi Cards	$	70.00	T-Sheets Monthly Fee

La Puente Water District June 2023 Disbursements - continued

Check #	Payee		Amount	Description
Autodeduct	Bluefin Payment Systems	$	912.44	Web Merchant Fee's
Autodeduct	First Data Global Leasing	$	44.00	Credit Card Machine Lease
Autodeduct	Wells Fargo Merchant Fee's	$	192.95	Bank Fee's
Autodeduct	Bluefin Payment Systems	$	26.40	Web Merchant Fee's
Online	Home Depot Credit Services	$	42.52	Field Supplies
Online	Home Depot Credit Services	$	283.90	Field Supplies
Online	Home Depot Credit Services	$	123.93	Field Supplies
Online	Home Depot Credit Services	$	138.65	Field Supplies
Online	Lincoln Financial Group	$	3,877.50	Deferred Compensation
Online	CalPERS	$	8,649.51	Retirement Program
Online	Home Depot Credit Services	$	28.99	Field Supplies - Inventory
Online	Home Depot Credit Services	$	8.64	Retirement Program
Online	Lincoln Financial Group	$	3,877.50	Deferred Compensation
Online	Home Depot Credit Services	$	44.94	Field Supplies
914820	Employment Development Dept	$	2,454.48	California State & Unemployment Taxes
914821	United States Treasury	$	16,263.38	Federal, Social Security & Medicare Taxes
914842	Employment Development Dept	$	2,519.30	California State & Unemployment Taxes
914843	United States Treasury	$	16,365.64	Federal, Social Security & Medicare Taxes
	Total Payables	**$**	**308,065.22**	

La Puente Valley County Water District
Payroll Summary
June 2023

	Jun 23
Employee Wages, Taxes and Adjustments	
Total Gross Pay	129,621.32
Deductions from Gross Pay	
457b Plan Employee	-7,755.00
CalPers EEC	-4,298.42
Total Deductions from Gross Pay	-12,053.42
Adjusted Gross Pay	117,567.90
Taxes Withheld	
Federal Withholding	-12,769.00
Medicare Employee	-1,882.13
Social Security Employee	-8,047.88
CA - Withholding	-4,973.78
Medicare Employee Addl Tax	0.00
Total Taxes Withheld	-27,672.79
Net Pay	**89,895.11**
Employer Taxes and Contributions	
Medicare Company	1,882.13
Social Security Company	8,047.88
CA - Unemployment	0.00
CA - Employment Training Tax	0.00
Total Employer Taxes and Contributions	**10,113.01**

La Puente Water District June 2023 Disbursements

Total Vendor Payables	**$ 308,065.22**
Total Payroll	**$ 89,895.11**
Total June 2023 Disbursements	**$ 397,960.33**

Industry Public Utilities June 2023 Disbursements

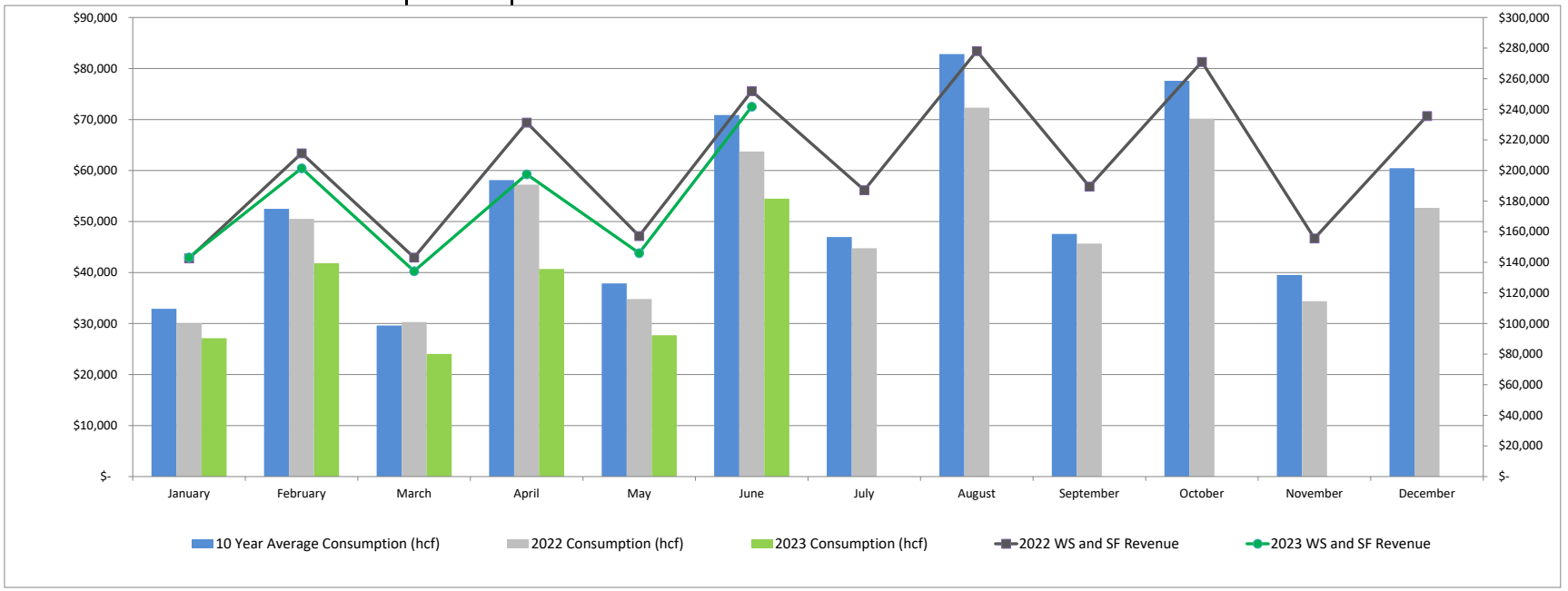
Check #	Payee	Amount	Description
5657	Cintas	$ 198.36	Uniform Expense
5658	Peck Road Gravel	$ 360.00	Asphalt & Concrete
5659	Resource Building Materials	$ 62.67	Field Supplies - Asphalt
5660	S & J Supply Co Inc	$ 125.97	Field Supplies - Tools
5661	Southern California News Group	$ 1,240.29	Newspaper Publication
5662	Underground Service Alert	$ 155.70	Line Notifications
5663	Verizon Wireless	$ 341.80	Cellular Service
5664	Western Water Works	$ 587.97	Field Supplies
5665	County of Los Angeles Assessor	$ 58.50	Mapping
5666	Eide Bailly LLP	$ 322.45	Administrative Support
5667	Highroad IT	$ 1,297.80	Technical Support
5668	La Puente Valley County Water District	$ 67,357.69	Labor Costs May 2023
5669	La Puente Valley County Water District	$ 51,260.10	2nd Quarter 2023 O&M Expense
5670	Merritt's Hardware	$ 109.10	Field Supplies
5671	Peck Road Gravel	$ 190.00	Asphalt & Concrete
5672	S & J Supply Co Inc	$ 62.86	Field Supplies - Tools
5673	SC Edison	$ 2,537.04	Power Expense
5674	Spectrum Business	$ 80.21	Telephone Service
5675	Vulcan Materials Company	$ 495.91	Asphalt & Concrete
5676	Weck Laboratories Inc	$ 253.50	Water Sampling
5677	Continental Utility Solutions Inc	$ 56.30	Billing Expense
5678	SoCal Gas	$ 14.79	Gas Expense
5679	Spectrum Business	$ 297.97	Telephone Service
5680	Weck Laboratories Inc	$ 118.50	Water Sampling
5681	U.S. Postal Service	$ 577.65	CCR Postage
5682	Answering Service Care, LLC	$ 157.99	Answering Service
5683	G. M. Sager Construction	$ 10,400.00	Asphalt Replacement
5684	Highroad IT	$ 50.00	Technical Support
5685	Industry Public Utility Commission	$ 1,242.95	Industry Hills Power Expense
5686	Janus Pest Management Inc	$ 65.00	Rodent Control
5687	MJM Communications & Fire	$ 180.00	Security Monitoring
5688	Nobel Systems	$ 1,250.00	Annual Subscription
5689	San Gabriel Valley Water Company	$ 1,108.43	Water Service
5690	SC Edison	$ 13,650.39	Power Expense
5691	Weck Laboratories Inc	$ 76.00	Water Sampling
5692	Western Water Works	$ 9.84	Field Supplies
5693	Cintas	$ 198.36	Uniform Expense
5694	Civiltec Engineering Inc	$ 55.00	Engineering Services
5695	Hunter Electric	$ 6,560.85	Electrical Salvage
5696	Resource Building Materials	$ 414.73	Field Maintenance

Industry Public Utilities June 2023 Disbursements - continued

Check #	Payee	Amount	Description
5697	SoCal Gas	$ 15.78	Gas Expense
5698	Verizon Wireless	$ 95.00	Cellular Service
5699	Verizon Wireless	$ 76.02	Cellular Service
5700	Verizon Wireless	$ 342.21	Cellular Service
5701	Western Water Works	$ 66.10	Cellular Service
5702	Customer Overpayment Refund	$ 20.00	Cellular Service
5703	Citi Cards	$ 365.98	Administrative Expense
5704	Citi Cards	$ 70.00	T-Sheets Monthly Fee
Online	Home Depot Credit Services	$ 9.21	Field Expense
Online	Home Depot Credit Services	$ 123.92	Field Expense
Online	Home Depot Credit Services	$ 154.81	Field Expense
Online	Home Depot Credit Services	$ 28.99	Field Expense
Autodeduct	Bluefin Payment Systems	$ 982.38	Web Merchant Fee's
Autodeduct	First Data Global Leasing	$ 44.00	Credit Card Machine Lease
Autodeduct	Wells Fargo Merchant Fee's	$ 48.64	Merchant Fee's
Autodeduct	Bluefin Payment Systems	$ 22.00	Web Merchant Fee's
Autodeduct	Jack Henry & Associates	$ 16.70	Web E-Check Fee's
	Total June 2023 Disbursements	**$ 166,064.41**	

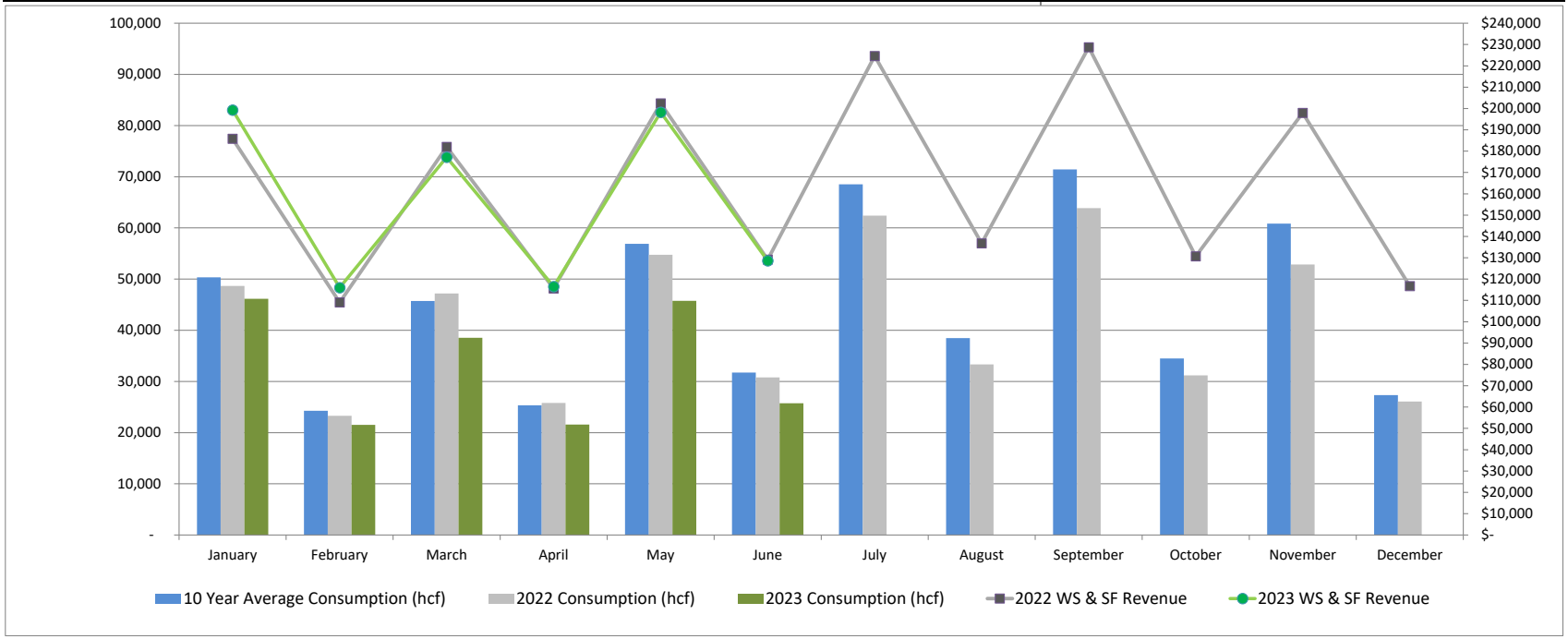
WATER SALES REPORT LPVCWD 2023

LPVCWD	January	February	March	April	May	June	July	August	September	October	November	December	YTD
No. of Customers	1,233	1,244	1,234	1,251	1,234	**1,256**	-	-	-	-	-	-	**7,452**
2023 Consumption (hcf)	27,134	41,823	24,043	40,698	27,693	**54,484**	-	-	-	-	-	-	**215,875**
2022 Consumption (hcf)	30,028	50,516	30,287	57,235	34,805	**63,736**	44,747	72,317	45,688	70,182	34,384	52,672	**586,597**
10 Year Average Consumption (hcf)	$ 32,895	$ 52,489	$ 29,606	$ 58,128	$ 37,871	**70,878**	$ 46,960	$ 82,820	$ 47,561	$ 77,590	$ 39,508	$ 60,451	**636,757**
2023 Water Sales	$ 75,152	$ 119,224	$ 65,978	$ 115,709	$ 77,681	**$ 159,271**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 613,016**
2022 Water Sales	$ 78,737	$ 136,210	$ 79,575	$ 156,218	$ 93,717	**175,590**	$ 123,715	$ 201,938	$ 125,971	$ 194,818	$ 92,325	$ 153,404	**$ 1,612,219**
2023 Service Fees	$ 68,131	$ 82,296	$ 68,280	$ 81,830	$ 68,343	**$ 82,503**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 451,382**
2022 Service Fees	$ 63,895	$ 75,110	$ 63,596	$ 75,124	$ 63,553	**$ 76,336**	$ 63,504	$ 76,180	$ 63,586	$ 76,187	$ 63,364	$ 82,202	**$ 842,637**
2023 WS and SF Revenue	$ 143,283	$ 201,520	$ 134,258	$ 197,538	$ 146,024	**$ 241,774**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,064,398**
2022 WS and SF Revenue	$ 142,632	$ 211,320	$ 143,171	$ 231,342	$ 157,270	**$ 251,926**	$ 187,219	$ 278,118	$ 189,557	$ 271,006	$ 155,689	$ 235,606	**$ 2,454,856**
2023 Hyd Fees	$ 950	$ 750	$ 950	$ 750	$ 950	**$ 750**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 5,100**
2023 DC Fees	$ 356	$ 11,689	$ 356	$ 11,689	$ 356	**$ 11,689**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 36,137**
2023 System Revenue	$ 144,590	$ 213,960	$ 135,565	$ 209,978	$ 147,330	**$ 254,213**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,105,635**



WATER SALES REPORT CIWS 2023

CIWS	January	February	March	April	May	June	July	August	September	October	November	December	YTD
No. of Customers	967	892	967	891	965	**893**	-	-	-	-	-	-	**5,575**
2023 Consumption (hcf)	46,138	21,528	38,538	21,587	45,739	**25,727**	-	-	-	-	-	-	**199,257**
2022 Consumption (hcf)	48,649	23,297	47,199	25,789	54,759	**30,786**	62,388	33,319	63,877	31,199	52,840	26,093	**500,195**
10 Year Average Consumption (hcf)	50,340	24,264	45,724	25,354	56,891	**31,739**	68,515	38,483	71,435	34,483	60,845	27,324	**535,396**
2023 Water Sales	$ 129,349	$ 60,205	$ 107,228	$ 60,663	$ 128,297	**$ 72,801**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 558,544**
2022 Water Sales	$ 123,503	$ 58,734	$ 119,827	$ 65,288	$ 140,366	**$ 78,894**	$ 162,064	$ 86,507	$ 166,187	$ 80,453	$ 135,174	$ 66,444	**$ 1,283,439**
2023 Service Fees	$ 69,937	$ 55,806	$ 69,959	$ 55,844	$ 69,951	**$ 55,826**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 377,323**
2022 Service Fees	$ 62,348	$ 50,336	$ 62,203	$ 50,334	$ 62,049	**$ 50,236**	$ 62,538	$ 50,249	$ 62,538	$ 50,220	$ 62,782	$ 50,251	**$ 676,083**
2023 Hyd Fees	$ 1,550	$ 300	$ 1,550	$ 300	$ 1,550	**$ 300**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 5,550**
2023 DC Fees	$ 20,050	$ 6,282	$ 19,916	$ 6,448	$ 19,775	**$ 6,157**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 78,628**
2023 System Revenues	$ 220,886	$ 122,593	$ 198,653	$ 123,255	$ 219,573	**$ 135,084**	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,020,045**



Item 7
Action
Discussion Items

STAFF*Report*

Meeting Date: July 10, 2023

To: Honorable Board of Directors

Subject: Single Pass Ion Exchange Resin Replacement Services

Purpose: *To secure services for the replacement and disposal of 424 cubic feet (1 vessel change-out) of Perchlorate Selective Ion Exchange Resin at the District's BPOU Groundwater Treatment Plant.*

Recommendation: *Authorize the General Manager to enter into an agreement with Evoqua Water Technologies for Single Pass Ion Exchange Resin Replacement Services.*

Fiscal Impact: *The 2023 Treatment Plant Budget appropriates $437,800 for Perchlorate Treatment. The 2023 year to date total for Perchlorate Treatment is $144,951.99. The cost for this one (1) PSR 2+ resin replacement service is $135,414.74, which is within the Budget appropriation. The cost for the ion exchange resin replacement services is a BPOU Project expense and shall be 100% reimbursed by the Cooperating Respondents.*

Previous Related Action: *In May 2023, the Board approved an agreement with Evoqua for the replacement and disposal of 424 cubic feet (1 vessel change-out) of Perchlorate Selective Ion Exchange Resin at the BPOU Treatment Plant for a not to exceed amount of $135,414.74.*

Procurement Analysis: *In accordance with The District's Purchasing Policy, Section B – Regular Procurement Standards and Procedures, District staff procured 3 bids through a formal competitive bidding process.*

SUMMARY

The District's BPOU Single Pass Ion Exchange System was placed into full continuous service on July 30, 2010. The system is comprised of four vessels, each with 424 cubic feet of perchlorate selective ion exchange resin. The vessels are arranged so that water produced from the District's well field is equally split between two pairs of vessels. The water requiring treatment must pass through two vessels (lead and lag) before being introduced into the UV treatment system. Sampling of the water between the lead and lag vessel determines when the ion exchange resin in the lead vessel should be replaced. When resin replacement occurs, the lag vessel is placed into the lead position and the vessel with the fresh resin is placed into the lag position. Since the system was put online, there have been numerous resin replacements performed, each replacing resin in the lead vessels.

The State Water Resources Control Board Division of Drinking Water (DDW) has approved single pass ion exchange resins from three different resin manufacturers for use at the District's Treatment Plant. In May of 2023, the District requested competitive bids through a Request for Proposal (RFP) for Perchlorate selective resin to three qualified suppliers for the replacement of 424 cubic feet of single pass ion exchange resin, which represents one vessel change-out. The results of these bids are summarized below:

Supplier	EVOQUA	PUROLITE	CALGON
Total Unit Price Cost / cu. ft	$319.37	"No Bid"	"No Bid"
Total Cost / Change Out	**$135,414.74**	**N/A**	**N/A**

Evoqua Water Technologies was the lowest qualified successful bidder and proposed to supply the DOW PSR 2+ resin for this one (1) change-out.

FISCAL IMPACT

The cost for the ion exchange resin replacement services is a BPOU Project expense and shall be 100% reimbursed by the Cooperating Respondents. The 2023 Treatment Plant Budget appropriates $437,800 for Perchlorate Treatment. The 2023 year to date total for Perchlorate Treatment is $144,951.99. The cost for this one (1) PSR 2+ resin replacement service is $135,414.74, which is within the Budget appropriation.

RECOMMENDATION

Authorize the General Manager to enter into an agreement with Evoqua Water Technologies for the PSR 2+ Single Pass Ion Exchange Resin Replacement Services.

Respectfully Submitted,

Roy Frausto

General Manager

ENCLOSURES

- Proposal for PSR 2+ from Evoqua Water Technologies

Date: May 8, 2022

Project: La Puente Valley County Water District Ion Exchange Resin Purchase and Replacement Service Proposal – Response to RFP May 5, 2023, due May 12, 2023

Proposal to:
Cesar A. Ortiz
Water Treatment & Supply Superintendent
La Puente Valley County Water District
Phone: 626-330-2126
Fax: 626-330-2679
Email: cortiz@lapuentewater.com
112 N. First Street
La Puente, CA 91744

Dear Cesar,

Evoqua Water Technologies is pleased to provide the following proposal in response to your RFP for La Puente Valley County Water District Ion Exchange Resin Purchase and Replacement Service. The following proposal provides pricing for PSR2 Plus. We are excited about the enhanced PSR2 Plus resin and the increased throughput and savings it has provided La Puente Valley County Water District over the last several years.

Evoqua appreciates the trust La Puente has put in Evoqua in years past as your resin supplier. We never stop trying to improve. Our focus is to provide excellent service to La Puente while ensuring safe and compliant drinking water.

In the RFP, the minimum water throughput guarantee is 120,000 bed volumes; however, based on the water quality provided, ***historical performance of the PSR2 Plus media provides an average throughput of 148,161 bed volumes***.

Evoqua provides more resin for perchlorate in the state of California than any other supplier. There are several reasons for this. For one, we provide a resin that has established performance. As importantly, Evoqua has a performance prediction model that is extremely accurate. We understand the resin is expensive, and the stakeholders need to be able to know what their costs are going to be. By providing accurate throughputs, La Puente avoids the headaches of missing the numbers. For this reason, our throughputs may seem conservative compared to other suppliers. We would rather under promise and over deliver than frustrate our customers.

Although the bids are sometimes evaluated on a dollar per acre foot, if a supplier cannot provide accurate bed volume predictions, the throughput can be misleading. Evoqua tries to provide the best value for both overall cost per cubic foot and cost per acre foot. The resins are not that different. We don't gamble on the throughput to get our dollar per acre foot lower. We provide accurate $/AF predictions and the best $/cu ft value. We believe this is a better value for La Puente and your stakeholders.

In addition to accurate forecasting data and resin value, Evoqua works hard to provide excellent service during the exchange. Evoqua is local. Our branch is only about 20 miles from your site.

This means we can stop by to help troubleshoot very easily. It also means the resin is rinsed and prepared locally before loading.

We are well versed in the needs that La Puente has for an exchange. We arrive on time. Our service is consistent. Evoqua provides all documentation for nitrosamine testing before loading.

Evoqua has committed many resources to this account with technical service and troubleshooting. Our goal is to make sure you are running optimally. We have brought in technical experts from across the country to meet when there were issues. We provide operator training and continuing education credits. We provided a profile instruction class. We are committed to being your partner in the long-term.

We look forward to being your resin supplier of choice. Thank you for allowing Evoqua Water Technologies this opportunity to be of service. Please contact me at 714-262-1560 should you have any questions or if we may be of further assistance.

Warmest Regards,

Patricia Tinnerino
Sales Engineer

Attachments:
Scope of Work
Bid Schedule
References
PSR2 Plus Data Sheet
PSR2 Plus NSF Certification

California Contractor's License

Confidentiality Statement

This document and all information contained herein are the property of Evoqua Water Technologies LLC. The design concepts and information contained herein are proprietary to Evoqua Water Technologies LLC and are submitted in confidence. They are not transferable and must be used only for the purpose for which the document is expressly loaned. They must not be disclosed, reproduced, loaned or used in any other manner without the express written consent of Evoqua Water Technologies LLC. In no event shall they be used in any manner detrimental to the interest of Evoqua Water Technologies LLC. All patent rights are reserved. Upon the demand of Evoqua Water Technologies LLC. this document, along with all copies or extracts, and all related notes and analyses, must be returned to Evoqua Water Technologies LLC or destroyed, as instructed by Evoqua Water Technologies LLC. Acceptance of the delivery of this document constitutes agreement to these terms and conditions.

BASE SCOPE OF SUPPLY

The scope of supply for each exchange will be as follows:

1. Up to three (3) vessel resin exchanges occurring by December 31, 2023
2. Each vessel currently contains 424 cubic feet of resin.
3. PSR2 Plus resin has been quoted and will be provided by Evoqua for exchanges.
4. Resin will be pre-rinsed in our Los Angeles resin handling facility which is less than **30 miles** away utilizing proprietary techniques, to minimize on-site rinse water requirements. The resin will then be loaded in sterilized sluice vehicles dedicated for potable use, delivered to the site and then sluiced into the required vessel. This process will greatly reduce the amount of rinse waters required onsite. Super sacks or other resin vendor marked containers will not be brought on site.
5. An Additional 20BV Rinse line item has been added to the scope per your request. This means the resin will receive a total of 40 BV rinse.
6. Before each vessel is exchanged, Evoqua will provide documentation for bacteriological testing and nitrosamine testing done after our rinse procedure in Los Angeles. La Puente will give approval to load the resin after these results have been reviewed.
7. The resin rinse procedure will have been done within a short time of the scheduled loading time – less than 48 hours.
8. Each exchange price includes: all labor, freight, disposal of spent resin and supply of new resin.
9. Empty vessels will first be inspected and then disinfected by Evoqua prior to fresh resin installations.
10. Prices are provided on a unit basis and assume 424 cubic feet of resin to be installed per vessel, 1696 cubic feet total.
11. Spent resin will be landfilled at Clean Harbors Buttonwillow LLC. Evoqua provides turnkey service which includes coordinating the disposal. Contact information for primary disposal location is as follows:

    Clean Harbors Environmental Services
    Sales Manager Distributor Services
    586.214.7400
    zellner.c@cleanharbors.com

12. It is assumed that resin will not be loaded with uranium in excess of 0.05% (wt).

COMMENTS AND CLARIFICATIONS

- This proposal pricing is valid for thirty (30) days from Bid Date.
- Any testing and analytical to be done by others except as named above
- All spent resin will be collected and removed from site at same time.
- Exchange pricing (Total Unit Price $/cu. ft including all services) will be invoiced on a 424 cf basis, net 45 days upon completion of exchange of each 424 cf.
- Throughput guarantee is in accordance with the RFP and Q and A email follow up.
- Please note the Evoqua will be supplying PSR2 Plus resin as named in RFP. There are minor deviations from RFP, properties will be in accordance with attached data sheets.
- Please note that Evoqua will provide copies of standard Dow QA documents for each lot provided in lieu of specific analysis requested in RFP.
- Please note that Evoqua has included sales tax of 8.75% in submitted pricing. Should sales tax change during the execution of this project, this will be adjusted accordingly. Evoqua's price does not include, and Evoqua shall not be responsible for, any other taxes, permits, tariffs, duties or fees (or any incremental increases to such taxes, permits, tariffs, duties or fees enacted by governmental agencies) unless specifically agreed herein or otherwise by Evoqua in writing.
- Except as clarified within this proposal, offering is provided in accordance with La Puente provided Terms and Conditions in the RFP.
- Request the following is revised in the General Terms and Conditions are modified as follows:
    - Article 13, A. 1 is modified as follows in red:

        - Any and all third party claims, demands, causes of action, lawsuits, actions, proceedings, attorneys' fees, costs, damages, expenses, penalties, losses or liabilities, in law or in equity, of every kind and nature whatsoever~~, including but not~~ ~~limited to,~~ for injury to or death of any person and/or destruction of tangible property, arising out of, resulting from, or relating to and to the extent caused by Contractor's negligent performance under the Contract or any negligent act, error, omission, negligence, wrongful conduct, willful misconduct, ~~or other action~~ by Contractor or any of its officers, directors, officials, employees, attorneys, consultants, representatives, servants, agents, subcontractors or volunteers, which is directly or indirectly related to the Work, regardless of any negligence by Owner, or any of its officers, directors, officials, employees, attorneys, consultants, representatives, servants, agents and volunteers; provided, however, if such claims arise from the negligence of Owner (other than its sole negligence) or third parties not under the direction or control of Contractor, then Contractor's obligation hereunder shall be allocated in accordance with comparative negligence principles under California law;

    - Article 21 is modified as follows in red:
        - Limitation of Liability. NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, CONTRACTOR SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES. CONTRACTOR'S TOTAL LIABILITY ARISING

AT ANY TIME FROM THE SALE OR USE OF THE WORK, INCLUDING WITHOUT LIMITATION ANY LIABILITY FOR ALL WARRANTY CLAIMS OR FOR ANY BREACH OR FAILURE TO PERFORM ANY OBLIGATION UNDER THE CONTRACT, SHALL NOT EXCEED TWICE THE PURCHASE PRICE PAID FOR THE WORK. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY.

Bid Schedule

The Ion Exchange Resin Supplier hereby declares that he has carefully examined the District's Request for Proposals to Provide Perchlorate Selective Resin and Replacement Service at the District's Puente Avenue Treatment Facility and will accept in full payment therefore the following amounts:

ITEM No.	DESCRIPTION OF BID ITEMS	VALUE
	GENERAL INFORMATION	
1	Type of Resin (Strong Base Anion Exchange Resin)	**Dowex™ PSR2 Plus**
2	Resin Structure Macroporous / Gel	Gel
3	Quantity of Resin Proposed (cu. ft)	424
4	Years of Experience in resin supply	45 years
5	Date of Manufacturer of Resin	2022
6	Guaranteed Bed Volumes of Water Treated	120,000
7	Origin of Resin (USA/Other)	USA – Midland, MI
8	Maximum days the resin will be stored after off site pre-rinsing (days)	Initial rinse within 3 days followed by subsequent rinsing after samples are taken and before loading
9	Is resin NSF 61 Certified?	Yes
10	Resin Production Facility Certification (ISO 9001)	Yes
	UTILITIES REQUESTED	
11	Potable water required (gpm and psig)	12,360 gallons (estimate) per vessel for all site services (initial fill, backwash and rinse) @ 60 psi minimum
12	Compressed air	Evoqua will provide
13	Electric Power	110v for vessel entry equipment
	WASTE GENERATED	
14	Off Site rinsing (a) Bed Volumes	20 Bed Volumes (40 BV rinse is optional)
	(b) Gallons	63,430 total per 424 cf
15	On Site Rinsing or Backwashing (a) Bed volumes (no more than 2) per vessel)	2 Bed Volumes
	(b) Gallons	6,343 total per 424 cf
	(c) Expected nitrosamine concentration in rinse water	<10 ppt NDMA
16	Backwash Waste (gallons/vessel)	Not recommended
17	**FIRST REPLACMENT RESIN DELIVERY SCHEDULE**	As requested

	COSTS	Unit Costs	Extended Costs
18	Resin $/ cu. ft. for 424 cu. ft.	$227.25	$96,354.00
19	Resin service $/ cu. ft. for 424 cu. ft.	See Below	See Below
20	Tax $/ cu. ft of resin for 424 cu. ft.	$19.88	$8,430.98
21	Off site resin rinse cost $/cu. ft. for 424 cu. ft.(additional 20 BV) - **OPTIONAL**	$18.76	$7,954.24
22	On site resin rinse cost $/cu. ft. for 424 cu. ft.	None Provided	None Provided
23	Confined Space entry (vessel inspection) per vessel	None Provided	None Provided
24	Disinfection of Vessels and Piping per vessel	None Provided	None Provided
25	Removal and disposal of spent resin $/cu. ft. for 424 cu. ft. Including any required waste material analysis – Disposal location to be Buttonwillow (Clean Harbors) Landfill.	$18.87	$8,000.88
	OTHER COSTS		
26	Warranty	Included	Included
27	Business License	Included	Included
28	Freight	Included	Included
29	Loading (includes initial 20 BV rinse and resin prep)	$34.61	$14,674.64
30	Rentals (If Applicable)	Not Applicable	Not Applicable
31	Temporary Site Piping (If Required)	Not Applicable	Not Applicable
32	**TOTAL COST PER REPLACEMENT**		
33	**Total Unit Price $/cu. ft including all services for replacement**	$319.37	$135,414.74
	OPTIONAL SERVICES		
34	Bac-T Testing	Per Bed	$450
35	Disinfection of resin per cu. ft (if required)	Per cubic foot	$4.60

This is what each invoice will look like

2023	Cu ft	$/cu ft	Per vessel Total	
Resin	424	$227.25	$96,354.00	To be combined in one invoice and billed net 30 after service performed
Tax (8.75%)	424	$19.88	$8,430.98	
Labor	424	$34.61	$14,674.64	
Additional 20BV Rinse	424	$18.76	$7,954.24	
Disposal	424	$18.87	$8,000.88	Separate Invoice billed net 30 after disposal performed
TOTAL:		$319.37	$135,414.74	

Please set up the PO so that disposal can be billed separately from the exchange service and resin

REFERENCES - DRINKING WATER OPERATING SYSTEMS IN CALIFORNIA

In California, Evoqua has been selected as the supplier of perchlorate reduction equipment and services to remove perchlorate and nitrate from well sites for the following projects. In these cases system engineering design and media selection were the sole responsibility of Evoqua through our Environmental Services Group. A partial list of drinking water applications includes:

Pomona Water Company, Pomona, CA
2012 – 2018; 11,500 gpm – Once Through IX
Perchlorate removal for 2 wells with 6 trains of HP1220HF vessels.
CDPH operating permit issued.
Contact: Tim Hampton, (909) 802-7420

City of Loma Linda, Loma Linda, CA
2010 – present: 4800 gpm – Once Through IX
Perchlorate removal for 2 wells with 3 trains of HP1220HF vessels.
CDPH operating permit issued.
Contact: Russ Handy, 909-799-4410

San Gabriel Valley Water Co. Well B-6
2013 to present: – Once through IX
Perchlorate removal using on-site vessels at multiple sites.
Product water used for municipal supply.
Started up Mar 2013.
Contact: Oscar Ramos, 626-448-6183

Rialto, Airport Well 3, GeoLogic Associates, San Bernardino, CA
2007 – present: 1900 gpm – Once Through IX
Perchlorate removal at well site with one train of HP1220 vessels.
CDPH operating permit issued.
Contact: Ralph Murphy, (909) 383-8728.

West Valley Water Company
May 03 - present: 6,500 gpm – Once Through IX
Perchlorate removal using on-site vessels at multiple sites.
Product water used for municipal supply.
CDPH operating permit issued.
Contact: Al Robles: (909) 644-7815

Resin Bed Life Warranty
La Puente Valley County Water District
May 8, 2023

As part of this proposal, 424 cubic feet of resin PSR2 Plus has been offered. Each vessel will contain 424 cubic feet. Each 424 cubic feet of resin supplied is warranted to treat a minimum of 120,000 bed volumes when placed into the lead position. Please note the following conditions with regard to the Guarantee portion of this proposal:

This warranty shall be deemed void if the customer fails to meet any of the following conditions pertaining to resin use and the system in which resin is used:

a. The design parameters (system, equipment and peripheral components) must be consistent with sound engineering practice and the system is operated within the design parameters.
b. Feed water must not contain any oxidizing agents including, without limitation, chlorine, ozone or permanganate.
c. Sequestrants, cleaning or treatment chemicals, and any other chemicals used in the system must be compatible with the resin.
d. The resin must be operationally protected against excessive hydraulic changes including, without limitation, water hammer, and rapid pressure swings.
e. Influent water to each vessel shall be free of entrained air to the extent that entrained air could disrupt resin beds in any system.
f. The system shall not be backwashed or the beds otherwise hydraulically altered once a service run has started, as this will reduce the expected throughput.
g. The resin must be maintained in a clean condition and must not be contaminated by particulate matter, colloidal or precipitated solids, biological growth or foreign materials (including but not restricted to cationic surfactants, solvents, soluble oils, free oils, lipids, and high molecular weight natural polymers).
h. Customer is responsible for ensuring that frequent, adequate system performance data are routinely recorded in a systematic format that is regularly reviewed. Data collected to include weekly flow, pressure and meter readings and monthly incoming water analyses including perchlorate, sulfate, chloride, nitrate and alkalinity. Perchlorate readings shall be provided on a weekly basis and shall include product water from the lead and lag vessels. Customer agrees to make this data available to Evoqua on a reasonable basis at Evoqua's reasonable request.
i. Customer must keep resin moist at all times after installation.
j. Resin loss from the bed will be excluded from this warranty. Without limitation, loss of resin due to failure of distributors, resin traps, and backwash procedures are the responsibility of the customer.
k. Representative samples of used resin must be provided by customer after each exchange, upon request by Evoqua.

l. The end of resin life for each 424 cubic feet of resin contained within a single vessel is defined as the point two (2) weeks after the effluent of that vessel has 2.0 µg/l perchlorate or greater. This detection of 2.0 µg/l of perchlorate shall be part of a normal breakthrough curve. Obvious analytical or sampling error in a sample result will eliminate this sample result from being utilized in determining the validity of the warranty. Total bed volumes treated for each 424 cubic feet of resin will be 120,000 bed volumes, which includes the volume of water treated during the two (2) week period after 2.0 µg/l perchlorate is detected in the effluent. Normal operation of the IX system is expected during the 2-week period.

m. The guarantee is based on the water quality and flow restrictions listed below. If actual concentrations of any single contaminant identified in table below varies from the stated "IX Influent Data" concentration by more than 20%, the warranty will by adjusted in accordance with Section n.

ION EXCHANGE INFLUENT WATER QUALITY

PARAMETER	FOR CALCULATION OF GUARANTEED BED LIFE (BED VOLUMES TREATED PER REPLACEMENT)	ANTICIPATED RANGE
Operational Flow Rate per vessel, gpm	1,250	1,000-1,500
Daily Volume, million gallons	3.60	2.88-3.60
Perchlorate, µg/L	39.8	10-72
Sulfate, mg/L	59	48-63
Nitrate, mg/L as NO_3^-	32	21-43
Alkalinity, mg/L as $CaCO_3$	169	140-180
Calcium, mg/L	64.4	57-65
Magnesium, mg/L	15.1	13-15
Chloride, mg/L	30.9	23-32
Total Dissolved Solids, mg/L	340	280-460
pH	7.60	7.0-8.0
Water Temperature, °C	20	17-23

*Maximum flow per system is 1,500 gpm and minimum flow is 425 gpm

n. The 6-week running average influent perchlorate, sulfate, chloride, nitrate and alkalinity shall be used to determine conditions for reduction of the bed volume guarantee. When the bed is exhausted, the 6-week running average influent concentration of the constituents listed above shall be calculated for each week beginning 6 weeks from installation of the resin to the week corresponding to exhaustion of the bed. If any 6-week running average exceeds the influent concentrations in the middle row of the Ion Exchange Influent Water Quality table, the deduction equation below shall be calculated for week 6 to the week corresponding to the exhaustion of the bed. The maximum deduction calculated shall be used to determine the revised guarantee.

Revised Guarantee =
Original Guaranteed Bed Volumes Treated per Replacement - Deduction

Where:
Deduction = Original Guaranteed Bed Volumes Treated per Replacement x
([0.12 x ECl] + [0.88 x ENO3] + [0.32 x ESO4] + [0.32 x EClO4] + [0.16 x EHCO3])

E = increase in identified contaminant = (actual-base)/base

Please note the following with regards to this equation:

1) E can only be zero or a positive value.
2) Increases in multiple contaminant levels will result in additive deducts as dictated by the formula.
3) The average perchlorate concentration over any 6-week period must not exceed 180% of base, and the average of any other contaminant over any 6-week period must not exceed 120% of base. The warranty is void for values beyond these increases.
4) 'base' is defined by the Ion Exchange Influent Water Quality stated in the table above.

o. The sole remedy for Evoqua's failure to achieve the warranted bed life will be the provision of additional resin on the next resin exchange in the A minimum amount of 424 cubic feet of resin is required per vessel, however, and the additional volume of resin needed to make a complete exchange must be purchased by La Puente Valley County Water District. This remedy is limited to a maximum of424 cubic feet.

(a) Example:
If Evoqua warranted that 424 cubic feet of resin would treat 120,000 bed volumes of water and only 110,000 bed volumes were treated, the following formula determines the cubic feet of resin that Evoqua will provide to Customer at no cost on the subsequent exchange:

((Guaranteed BVs – Actual BVs)/(Guaranteed BVs)) X cf of resin
(120,000-110,000)/120,000 x 424 cf = 35.3 cf of resin

In this example, 12.7 cubic feet of l resin will be supplied by Evoqua. All additional resin needed to complete a specific fill are the responsibility of La Puente Valley County Water District.

p. Effluent of perchlorate system will be less than 2 µg/l of perchlorate as defined by E.P.A. analytical method 314. This is contingent upon adherence to all other aspects of stated warranty.
q. While the resin supplied under this contract is operating in the lag position, the resin in the lead position shall be exchanged no later than two (2) weeks after 2.0 µg/l perchlorate is detected in the effluent of the lead vessel. No more than 9,600 BV shall be run through the lead vessel during this 2-week period.
r. This warranty will not extend past a period of two (2) years from time of first resin installation by Evoqua.
s. Customer will allow inspection of any exhausted resin and vessels before a resin exchange if requested by Evoqua.

t. Warranty will be void if resin is removed for any reason other than perchlorate breakthrough, including without limitation uranium loading and silt accumulation.
u. Bacteria levels in the influent and influent delivery mechanisms such as, for example, piping and manifolds in any well, shall be <10 cfu/ml on a 6 month rolling average. EWT assumes no responsibility or liability relating to the bacteriological quality of the influent or within the wells and shall bear no costs relating to resin sterilization due to bacteria in the influent or elsewhere in the wells. If Evoqua is requested to backwash and sanitize a specific resin bed after the start of a particular run then Conditions b., c. and f. apply.
v. THE FOREGOING SETS FORTH EVOQUA'S SOLE AND EXCLUSIVE WARRANTY AND REMEDY WITH RESPECT TO RESIN BED LIFE. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND THEREOF, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTIBILTY OR FITNESS FOR PURPOSE. IN NO EVENT SHALL EVOQUA BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, OR PUNITIVE DAMAGES. EVOQUA LIABILITY UNDER THIS WARRANTY SHALL BE LIMITED TO DIRECT DAMAGES ONLY AND SHALL NOT EXCEED THE ANNUAL PRICE PAID TO EVOQUA UNDER THE CONTRACT

Product Data Sheet

AmberLite™ PSR2 Ion Exchange Resin

Drinking Water-grade, Gel, Strong Base Anion Resin for Selective Perchlorate Removal

Description

AmberLite™ PSR 2 Ion Exchange Resin is a gel, strong base anion resin supplied in the Cl^- form. It is designed to offer the highest selectivity for trace contaminants such as nitrate and perchlorate, while its gel matrix also achieves high total exchange capacity.

Applications

Primary application:

- Selective perchlorate removal

Also can be used for:

- Gold recovery

Typical Properties

Physical Properties	
Copolymer	Styrene-divinylbenzene
Matrix	Gel
Type	Strong base anion
Functional Group	Tri-n-butyl amine
Physical Form	Amber to brown, translucent, spherical beads
Chemical Properties	
Ionic Form as Shipped	Cl^-
Total Exchange Capacity	≥ 0.65 eq/L
Water Retention Capacity	40 – 47.5%
Particle Size [§]	
< 400 µm	≤ 5%
1180 – 1410 µm	≤ 3%
Stability	
Whole Uncracked Beads	≥ 95%
Friability	
> 200 g/bead	≥ 90%
Density	
Particle Density	1.10 g/mL
Shipping Weight	670 g/L

[§] For additional particle size information, please refer to the Particle Size Distribution Cross Reference Chart (Form No. 45-D00954-en).

Suggested Operating Conditions

Maximum Operating Temperature	60°C (140°F)
pH Range	0 – 14

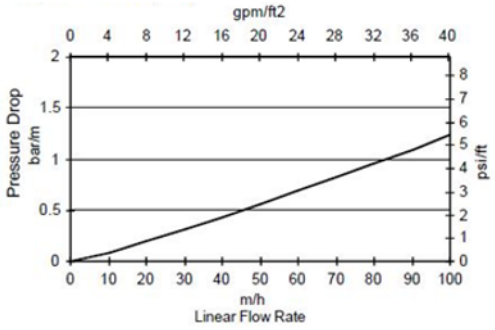
Form No. 45-D00898-en, Rev. 0
January 2020

Hydraulic Characteristics

Estimated bed expansion of AmberLite™ PSR2 Ion Exchange Resin as a function of service flowrate at 20°C (68°F) is shown in Figure 1. These pressure drop expectations are valid at the start of the service run with clean water and a well-classified bed. Estimated pressure drop at other water temperatures can be calculated with the provided equations.

Figure 1: Pressure Drop

Temperature = 20°C (68°F)



For other temperatures use:

$P_T = P_{20°C} / (0.026T_{°C} + 0.48)$, where P ≡ bar/m

$P_T = P_{20°C} / (0.014T_{°F} + 0.05)$, where P ≡ psi/ft

Conditioning and Limits of Use

AmberLite™ PSR2 Ion Exchange Resin is suitable for use in potable water applications [1] after an initial commissioning pretreatment at ambient temperature.

[1] Please confirm the regulatory approval in your specific country of use.

Product Stewardship

DuPont has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with DuPont products—from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

DuPont strongly encourages its customers to review both their manufacturing processes and their applications of DuPont products from the standpoint of human health and environmental quality to ensure that DuPont products are not used in ways for which they are not intended or tested. DuPont personnel are available to answer your questions and to provide reasonable technical support. DuPont product literature, including safety data sheets, should be consulted prior to use of DuPont products. Current safety data sheets are available from DuPont.

Please be aware of the following:

- **WARNING:** Oxidizing agents such as nitric acid attack organic ion exchange resins under certain conditions. This could lead to anything from slight resin degradation to a violent exothermic reaction (explosion). Before using strong oxidizing agents, consult sources knowledgeable in handling such materials.

Regulatory Note

This product may be subject to drinking water application restrictions in some countries; please check the application status before use and sale.

Have a question? Contact us at:

www.dupont.com/water/contact-us

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Form No. 45-D00898-en, Rev. 0
January 2020

Item 8 – Operations & Maintenance Report

Memo

Date: July 10,2023

To: Honorable Board of Directors

Subject: Monthly Operations & Maintenance Superintendent's Report

The following report summarizes LPVCWD, IPU Waterworks, BPOU, and PVOU operational and compliance activities of June and since the last report to the Board. The report also includes the status of various projects for each system.

DISTRIBUTION, SUPPLY AND PRODUCTION

- Monthly Water Production Summary – Total production from the LPVCWD Wellfield for the month of June was 312.73 AF, of which 189.96 AF was delivered to Suburban Water Systems. IPU Waterworks Well No. 5 produced a total of 88.35 AF in the month of June. The June Monthly Production Report is provided as ***Attachment 1.***
- Well Water Levels and Pumping Rates – The latest static water level, pumping water level, and pumping rate for LPVCWD and CIWS are as shown in the table below.

Well	Static Water Level (Ft)			Pumping Water Level (Ft)			Drawdown (Ft)	Current GPM Pumping Rate	Specific Capacity (GPM/Ft)
	2022	2023	Difference Current - 2022 (%)	2022	2023	Difference Current - 2022 (%)			
LPVCWD 2	160	130	18.8%	179	163	8.9%	33	1,379	41.8
LPVCWD 3	160	125	21.9%	170	132	22.4%	7	1,007	143.9
LPVCWD 5	145	114	21.4%	173	127	26.6%	13	1,579	121.5
COI 5	110	83	24.5%	156	147	5.8%	64	1,373	21.5

- Monthly Water Conservation – A summary of LPVCWD and IPU Waterworks usage for the past 6 months as compared to the previous Year is shown below.

LPVCWD Monthly Water Consumption

Month	2022	2023	Difference Current-Previous Year (%)	Accumulative Difference (%)
January	107.95	97.71	-9.5%	-9.5%
February	111.95	93.94	-16.1%	-12.8%
March	129.15	93.31	-27.8%	-17.8%
April	121.02	105.03	-13.2%	-16.6%
May	140.36	117.13	-16.6%	-16.6%
June	143.96	123.84	-14.0%	-16.2%

IPU Waterworks Monthly Water Consumption

Month	2022	2023	Difference Current-Previous Year (%)	Accumulative Difference (%)
January	81.27	74.29	-8.6%	-8.6%
February	85.82	71.62	-16.5%	-13.0%
March	99.98	77.16	-22.8%	-16.0%
April	99.61	87.51	-12.1%	-15.0%
May	110.56	95.04	-14.0%	-14.8%
June	107.76	102.54	-4.8%	-13.2%

CAPITAL / OTHER PROJECTS

1. LPVCWD Recycled Water Project

   Staff is working to finalize the LACSD permitting with help from the City of Industry's Engineering team. Once the site has received the approved permit, District Staff will perform the necessary work to complete the retrofit of the Homestead Museum.

2. LPVCWD PVOU IZ Project and SZ-South Project.

   Staff continues to conducting bi-weekly project meetings with RC Foster to discuss the plant startup. Also, District's operators are running the IZ treatment plant, with discharge to the storm drain, now that the NPDES permit requirements have been met. Analyzers and chemical systems are monitored, and daily sampling is performed to verify compliance.

   RC Foster has continued onsite construction for the new PVOU-SZ Treatment Plant. Recent construction activities include RC Foster crews worked on the anchor bolt installation of the sodium hydroxide and anti-scalant storage tanks, flexible pipe

3. Distribution Leak Repairs & Maintenance – Field staff has performed various replacements and leak repairs to the water distribution systems in June. They have repaired and replaced: 2 water service lines, one main line repair, 3 fire hydrant replacements, and 42 meter replacements.

4. LPVCWD Nitrate Treatment System – Staff worked with Evoqua and the electrician on troubleshooting PLC programming issues and system controls. After the field testing, it was identified that Evoqua needed to work on offsite programming adjustments. Once all items have been resolved, the project team will resume testing in preparation for the loading of resin and DDW compliance testing.

DEVELOPMENT PROJECTS

1. LPVCWD New 34-Unit Mix-Used Apartment Building at 15861 Main Street – Staff was recently contacted by a new developer that the project will be moving forward, and the developer requested to begin the first phases of the District's new development process. Staff is currently reviewing the application and preparing to work with the District Engineer on a water capacity analysis for the project.

2. IPUWS New ADU Project at 13947 Don Julian Road – Staff recently received a deposit for water, capacity fees, and construction cost for a new water meter service to be installed at 13947 Don Julian for a new ADU project. Field staff installed the new water service and ¾-inch meter at the property location.

La Puente Valley County Water District

PRODUCTION REPORT - JUNE 2023

LPVCWD PRODUCTION	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2023 YTD	2022
Well No. 2	134.04	121.44	141.96	123.68	130.85	112.51							**764.49**	**1411.60**
Well No. 3	8.51	4.85	5.27	3.24	8.03	8.23							**38.13**	**29.36**
Well No. 5	155.66	157.36	169.65	160.99	170.50	191.99							**1006.16**	**2304.99**
Interconnections to LPVCWD	2.13	0.49	2.13	6.04	2.61	1.07							**14.47**	**24.06**
Subtotal	**300.35**	**284.13**	**319.02**	**293.95**	**312.00**	**313.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1823.25**	**3770.01**
Interconnections to SWS	196.42	190.17	222.24	185.93	194.85	189.96							**1179.57**	**2168.86**
Interconnections to COI	6.22	0.02	3.47	2.99	0.02	0.01							**12.73**	**30.90**
Interconnections to Others	0.00	0.00	0.00	0.00	0.00	0.00							**0.00**	**0.00**
Subtotal	**202.64**	**190.19**	**225.71**	**188.92**	**194.87**	**189.97**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1192.30**	**2199.76**
Total Production for LPVCWD	**97.71**	**93.94**	**93.31**	**105.03**	**117.13**	**123.84**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**630.95**	**1570.25**
CIWS PRODUCTION														**0.00**
COI Well No. 5 To SGVWC B5	163.02	156.23	160.18	159.68	159.77	88.35							**887.23**	**1957.32**
Interconnections to CIWS														
SGVWC Salt Lake Ave	0.43	0.41	0.47	0.48	0.57	0.51							**2.87**	**6.33**
SGVWC Lomitas Ave	69.77	71.68	75.35	90.08	97.06	103.09							**507.03**	**1209.58**
SGVWC Workman Mill Rd	0.00	0.00	0.00	0.00	0.00	0.00							**0.00**	**0.06**
Interconnections from LPVCWD	6.22	0.02	3.47	2.99	0.02	0.01							**12.73**	**30.90**
Subtotal	**76.42**	**72.11**	**79.29**	**93.55**	**97.65**	**103.61**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**522.63**	**1246.87**
Interconnections to LPVCWD	2.13	0.49	2.13	6.04	2.61	1.07							**14.47**	**24.06**
Total Production for CIWS	**74.29**	**71.62**	**77.16**	**87.51**	**95.04**	**102.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**508.16**	**1222.81**

Item 9 – Treatment and Supply Report

Memo

To: Honorable Board of Directors

From: Cesar A. Ortiz, Water Treatment & Supply Superintendent

Date: July 10, 2023

Re: Monthly Water Treatment & Supply Superintendent Report

The following report summarizes LPVCWD, IPU Waterworks System, BPOU and PVOU-IZ&SZ operations, which includes the status of various projects for each system.

WATER QUALITY / COMPLIANCE

- **Distribution System Monitoring** – District Staff collected all required water quality samples from both LPVCWD & IPUWS distribution systems for the month; approximately **60** samples were collected. All results met State and Federal drinking water quality regulations.

- **Treatment Monitoring & Compliance** – All water quality compliance samples were collected from all the treatment processes and plant effluent, as required. Approximately **191** samples were collected.

- **Source Monitoring** – All water quality samples were collected from all the Wells, as required. Approximately **66** samples were collected. The table below summarizes LPVCWD Wells' current water quality for constituents of concern.

Well Sampled	CTC	TCE	PCE	Perchlorate	1,4-Dioxane	NDMA	Nitrate
	MC L= 6 ppb	MCL = 5 ppb	MCL = 5 ppb	MCL=6 ppb	NL = 1 ppb	NL= 10 ppt	MCL=10 ppm
LPVCWD 2	1.5	27	1.6	17	0.48	21	6.0
LPVCWD 3	ND	.55	ND	7.8	ND	ND	8.4
LPVCWD 5	ND	4.6	.53	10	0.15	3.4	7.8

ND – None Detected
NS – Not Sampled

- The Bi-monthly Nitrate Concentrations for SP-6 and SP-10 are provided as ***Attachment 1***.

112 N. 1st Street, La Puente, California 91744
(626) 330-2126
lapuentewater.com

OPERATIONAL UPDATES & PROJECTS

1) BPOU Treatment Plant – Nitrate Project is still under construction, electrical work on the salt brine tank system. The treatment plant is normal operation flowing through the bypass.

2) **BPOU** Treatment Plant – Air Strippers Annual Inspections were conducted , along with annual samples taken of all three wells. Repairs & Maintenance – Staff has performed various weekly chemical calibrations, monthly analyzer cleanings and calibrations, SPIX pre-filter change-outs, daily treatment plant rounds and monthly reporting.

3) **PVOU-IZ** Treatment Plant – Scenario testing has taken place for two of the scenarios approved by EPA & DDW, consisting of running the plant with IZ-East(scenario 5) & IZ-West(scenario 8) Wells and sampling throughout the plant.

4) **PVOU-SZ** Treatment Plant – Under Construction, most equipment has been delivered and has been installed and are in the processes of being commissioned by each vendor. Electrical work is continuing by the electrical contractor. RO membranes have been delivered on site, along with filter media. Staff has begun to do O&M maintenance oversight.

5) **IPUWS** Well No. 5 – Between Tesco and Hunter Electric - The Well is running and supplying water to SGVWC's B-5 facility in Hand operation, under the request of SGVWC. All electrical repairs have been completed. In order to return the control of the well to Auto, control issues found in the Tesco panel need to be addressed. Currently, Tesco has completed the repairs to the PLC and Panel at their facility and is in the process of troubleshooting continuous voltage in the communications lines, along with Hunter Electric.

SP-6 and SP-10
Nitrate Concentrations
EPA Method 353.2
MCL = 10 mg/L

Nitrate Concentrations May 2023 - June 2023				
Date	**SP-6**	**SP-10**	**Well(s)**	**Comments**
5/1/2023	7.8	7.8	2 & 5	Weck Lab (353.2)
5/4/2023	7.6	7.6	2 & 5	Weck Lab (353.2)
5/8/2023	7.7	7.8	2 & 5	Weck Lab (353.2)
5/11/2023	7.7	7.7	2 & 5	Weck Lab (353.2)
5/15/2023	7.7	7.6	2 & 5	Weck Lab (353.2)
5/19/2023	7.4	7.4	2 & 5	Weck Lab (353.2)
5/22/2023	7.5	7.5	2 & 5	Weck Lab (353.2)
5/30/2023	7.5	7.5	2 & 5	Weck Lab (353.2)
6/2/2023	7.2	7.3	2 & 5	Weck Lab (353.2)
6/5/2023	7.0	7.0	2 & 5	Weck Lab (353.2)
6/8/2023	7.5	7.7	2 & 5	Weck Lab (353.2)
6/12/2023	7.8	7.8	2 & 5	Weck Lab (353.2)
6/15/2023	7.7	7.8	2 & 5	Weck Lab (353.2)
6/20/2023	7.8	7.8	2 & 5	Weck Lab (353.2)
6/22/2023	7.7	7.7	2 & 5	Weck Lab (353.2)
6/26/2023	8.5	8.6	2 & 5	Weck Lab (353.2)
6/29/2023	8.1	8.1	2 & 5	Weck Lab (353.2)

AVERAGE	7.7	7.7
MINIMUM	7.0	7.0
MAXIMUM	8.5	8.6

Notes:

All units reported in milligrams per Liter (mg/L)

MCL = Maximum Contaminent Level

112 N. First St.
La Puente, Ca 91744

Attachment 1

Item 10 –General Manager's Report

General Manager Report

Date: July 10, 2023

To: Honorable Board of Directors

From: Roy Frausto, General Manager

RE: General Manager Report

GENERAL MANAGER REPORT TOPICS

- Baldwin Park Key Well Elevation – 232.6 ft as of June 23, 2023.
- Main Basin Operation Safe Yield for 2023-24 set at 150,000 AF
- 2023 Rainfall (Puddingstone Dam) – The current year rainfall as of July 6, 2023, is 27.63 inches.
- Snowpack Report – Statewide (Northern, Central & Southern Sierras)
  - 346% of normal for this date as of July 5, 2023
  - 9% of April 1 Average
- Recycled Water Project
  - Received DDW, Water Board and San District Approval
    - Staff is working to activate the first recycled water service at the Homestead Museum
  - Received approval from San District to support LPVCWD's proposed Phase 2 project to use 110 AFY (0.098 MGD) of recycled water for landscape irrigation at 10 sites.

STAFFING

- Employee work anniversaries in April.
  - Cesar Ortiz – 16 years
  - Santiago Loera – 9 years
  - Irene Medina – 4 years
  - Gilbert Navarrete-Godoy – 2 years
  - Roy Frausto – 7 years
- New Employee's
  - Angelina Padilla – Human Resources Coordinator / Admin. Assistant (Effective 7/17)
- Voluntarily Separation
  - Jeny Flores-Garcia – PT Customer Service (Effective 7/15)

OUTREACH - June

TOPIC	Comments
Number of Instagram Post	6
Number of Instagram Stories	5
Number of Instagram Followers	242
Post Related to Main Shutdowns	0
Community Events	1
CET Program	1
CET Scholarship Program	0

GENERAL MANAGER ACTIVITIES

Meetings/Activity	Date
COI, WVWD, RWD, and LPVCWD Monthly	June 1
PVOU-IZ RO Meeting	June 1
PVOU-IZ Check In w. Northrop Grumman	June 6, 20
DDW Meeting RE PVOU-IZ	June 6
PVOU-IZ & SZ Progress Meeting	June 7, 14, 21, 28
IPUC Meeting	June 8
BPOU Project Meeting	June 8
Highroad IT Meeting	June 9
Staff Meeting	June 12, 19
IPU Water Ops Meeting	June 12
PVOU-IZ & SZ Workshop Meeting	June 13
PVOU-IZ Scenario Testing Meeting	June 13
USGMWD Producer Meeting	June 14
SCWUA Tour	June 22
PVOU-IZ Coordination Meeting	June 22
Quarterly Staff Lunch Meeting	June 23
Interviews	June 26
SCWUA Board Meeting	June 27
PVOU Stakeholder Meeting	June 27
97-005 Coordination Meeting	June 28

Item 11 – Other Items

Upcoming Events

Date: July 10, 2023

To: Honorable Board of Directors

RE: Upcoming Board Approved Meetings and Conferences for 2023

Day/Date	Event	*Argudo*	*Barajas*	*Escalera*	*Hernandez*	*Rojas*
October 3-5, 2023	AWWA WaterSmart Innovations Conference 2023			X	X	
October 23-26, 2023	AWWA CA-NV Annual Fall Conference 2023			X	X	
November 28-30, 2023	Association of California Water Agencies (ACWA) Fall Conference 2023					

MainSanGabrielBasin
WATERMASTER

JULY 5, 2023

REPORT OF THE WATERMASTER ENGINEER ON HYDROLOGIC CONDITIONS

Baldwin Park Key Well (see attached graph)

- Located in the central portion of the San Gabriel Valley within the City of Baldwin Park and used as a general indication of water elevations throughout the San Gabriel Valley
- One vertical foot is equivalent to about 8,000 acre-feet of groundwater in the Main Basin
- On May 26, 2023, the Baldwin Park Key Well groundwater elevation was 231.9 feet.
- On June 23, 2023, the Baldwin Park Key Well groundwater elevation was 232.6 feet, a decrease of 0.4 feet from the prior week. **The historic low was 169.4 feet on November 21, 2018.**
    - An increase of about 0.7 feet from the prior month.
    - About 47 feet higher than one year ago (represents 376,000 acre-feet). Includes an estimated 104,000 acre-feet of untreated imported water in cyclic storage accounts, which represents about 13 feet of groundwater elevation at the Key Well.
        - Producer Cyclic Storage – 64,000 AF
        - MWD Cyclic Storage (for UD RDA delivery) – 24,000 AF
        - Other Cyclic Storage – 16,000 AF

Rainfall (see attached graphs)

- Data are readily available on a daily basis and are indicative of comparative amount of rainfall in the San Gabriel Valley (percent of average)
- Puddingstone Dam as of June 30, 2023
    - Average rainfall from July 1st through June 30th of each year is 18.10 inches
    - Rainfall during July 1, 2022 through June 30, 2023 is 28.06 inches, which is 155 percent of average.
    - Rainfall during July 1, 2021 through June 30, 2022 was 11.42 inches, which was 63 percent of average.
- Los Angeles Civic Center as of June 30, 2023
    - Average rainfall from July 1st through June 30th of each year is 15.14 inches
    - Rainfall during July 1, 2022 through June 30, 2023 is 28.40 inches, which is 188 percent of average.
    - Rainfall during July 1, 2021 through June 30, 2022 was 12.40 inches, which was 82 percent of average.

Reservoir Storage and Releases

- There are three dams and reservoirs located along the San Gabriel River above San Gabriel Canyon. Their primary function is for flood control and also used to store watershed runoff for subsequent groundwater replenishment.
  - Cogswell Reservoir is located highest in the watershed and has a maximum storage capacity of 10,475 acre-feet.
  - San Gabriel Reservoir is located downstream of and receives releases from Cogswell Reservoir, and has a maximum storage capacity of 44,044 acre-feet.
  - Morris Reservoir is located downstream of and receives releases from San Gabriel Reservoir, and has a maximum storage capacity of 28,736 acre-feet. Releases from Morris Reservoir and San Gabriel Reservoir are used at local surface water treatment plants and used for groundwater replenishment.
  - Total storage capacity is 83,255 acre-feet.
  - The combined minimum pool behind Cogswell, San Gabriel and Morris Reservoirs is about 10,500 acre-feet.
  - Combined storage as of June 27, 2023 was 9,660 acre-feet (about 12 percent of capacity).
  - San Gabriel Reservoir inflow was 190 cfs and release was 190 cfs as of June 27, 2023.
  - Morris Reservoir inflow was 176 cfs and release was 20 cfs as of June 27, 2023. 20 cfs of the release was diverted from the San Gabriel River at the Azusa Duarte intake for use by Committee of Nine.

Untreated Imported Water Deliveries

- Upper District
  - USG-3 is located in San Gabriel Canyon just below Morris Dam, it represents Upper District's primary point of delivery of untreated imported water for groundwater replenishment to the San Gabriel Valley. The typical delivery rate is about 190 cfs (or about 375 acre-feet per day).
  - During May 2023, Upper District did not make deliveries through USG-3.
  - During June 2023, Upper District begin to make deliveries through USG-3 on June 20, 2023 at a flow of about 240 cfs. On June 22, 2023, Upper District stopped deliveries through USG-3 to change the orifice plate from 250 cfs to 200 cfs. On June 23, 2023, Upper District resumed deliveries through USG-3 with the 200 cfs orifice plate.
  - During June 2023, Upper District has delivered approximately 3,200 acre-feet through USG-3 as of June 28, 2023.
- Three Valleys District
  - During May 2023, Three Valleys District did not make deliveries through PM-26.
  - During June 2023, Three Valleys District does not plan to make deliveries through PM-26.
  - During May 2023, Three Valleys District did not make deliveries through USG-3 and to the San Gabriel Canyon.

- ❖ During June 2023, Three Valleys District does not plan to make deliveries through USG-3 and to the San Gabriel Canyon

- San Gabriel District
  - ❖ During May 2023, San Gabriel District delivered 95 acre-feet to the Big Dalton Wash and delivered 1,256 acre-feet to the San Dimas Wash.
  - ❖ During May 2023, San Gabriel District did not make deliveries to the San Gabriel Canyon and the San Gabriel River.
  - ❖ During June 2023, San Gabriel District plans to deliver about 1,900 acre-feet to the San Dimas Wash.
  - ❖ During June 2023, San Gabriel District does not plan to make deliveries to the San Gabriel Canyon and the San Gabriel River.

Landfill Report

- Watermaster staff toured the following landfills during the month of June 2023:
  - ❖ Azusa Land Reclamation
  - ❖ Peck Road
- During the tour, Watermaster staff found that each landfill appeared to operate consistent with the conditions under each landfill's permit.

Water Quality

- Water systems are required by the Division of Drinking Water (DDW) to collect water quality data from source wells and provide the results to DDW pursuant to Title 22 (Water quality data collected through Main San Gabriel Basin Watermaster's Basinwide Groundwater Quality Monitoring Program)
  - ❖ During June 2023, 18 wells were sampled under Title 22
  - ❖ During May 2023, 69 wells were sampled under Title 22
  - ❖ During May 2023, Stetson Engineers Inc. received no public notice of wells shut down due to contamination.
- DDW announced it will be proposing the regulations for hexavalent chromium Maximum Contaminant Level (MCL) of 10 part per billion (ppb) with a notice of a public hearing to receive public comments regarding the proposed regulations of the hexavalent chromium MCL.
  - ❖ DDW is proposing a compliance schedule based on system size:
    - o Systems with more than 10,000 service connections would be required to comply with the MCL within 2 years of rule adoption.
    - o Systems with 1,000 to 10,000 service connections would be required to comply with the MCL within 3 years of rule adoption.
    - o Systems with less than 1,000 service connections would be required to comply with the MCL within 4 years of rule adoption.
- DDW announced, it has proposed revised notification level (NL) of 20 ppb and response levels of 200 ppb for manganese based on toxicological endpoints. The current NL for manganese is 500 ppb and the secondary MCL for manganese is 50 ppb.

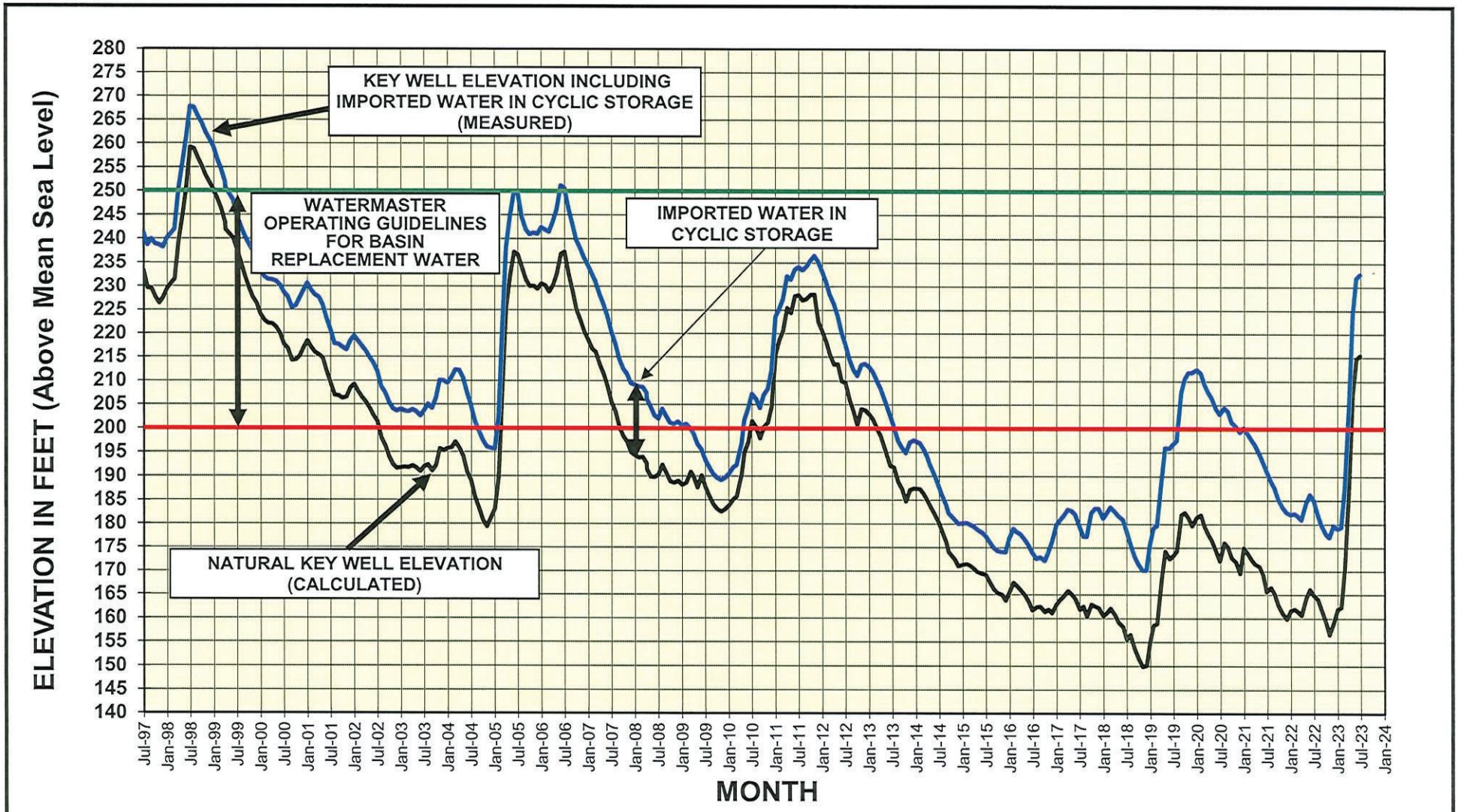
- ❖ Manganese is a secondary standard and is sampled by the Producer as part of the triennial General Mineral / General Physicals (GM/GP) sampling. Watermaster does not sample for manganese.

➢ DDW has issued the notification level (NL) for perfluorohexane sulfonic acid (PFHxS) at 3 parts per trillion (ppt) and the response level at 20 ppt under the recommendation by The Office of Environmental Health Hazard Assessment (OEHHA).

- ❖ Detections of PFHxS above 2 ppt have been found in the Main San Gabriel Basin.

➢ United States Environmental Protection Agency (EPA) has updated Health Advisories on Per- and Polyfluroalkyl Substances (PFAS).

- ❖ Interim Health Advisories
  - o Perfluorooctanoic Acid (PFOA)
  - o Perfluorooctane sulfonate (PFOS)
- ❖ Final Health Advisories
  - o GenX chemicals (PFOA replacement)
  - o Perfluorobutane sulfonic acid (PFBS) (PFOS replacement)
- ❖ For PFOA and PFOS, some negative health effects may occur at concentrations that are near zero and below our ability to detect at this time.
- ❖ The lower the level of these chemicals in drinking water, the lower the risk to public health.
  - o PFOA - Health Advisory Value - 0.004 ppt (Interim), Minimum Reporting Level – 4 ppt
  - o PFOS - Health Advisory Value - 0.02 ppt (Interim), Minimum Reporting Level – 4 ppt
  - o GenX Chemicals - Health Advisory Value - 10 ppt (Final), Minimum Reporting Level – 5 ppt
  - o PFBS - Health Advisory Value – 2,000 ppt (Final), Minimum Reporting Level – 3 ppt



MainSanGabrielBasin WATERMASTER

MAIN SAN GABRIEL BASIN WATERMASTER

BALDWIN PARK KEY WELL GROUNDWATER ELEVATION

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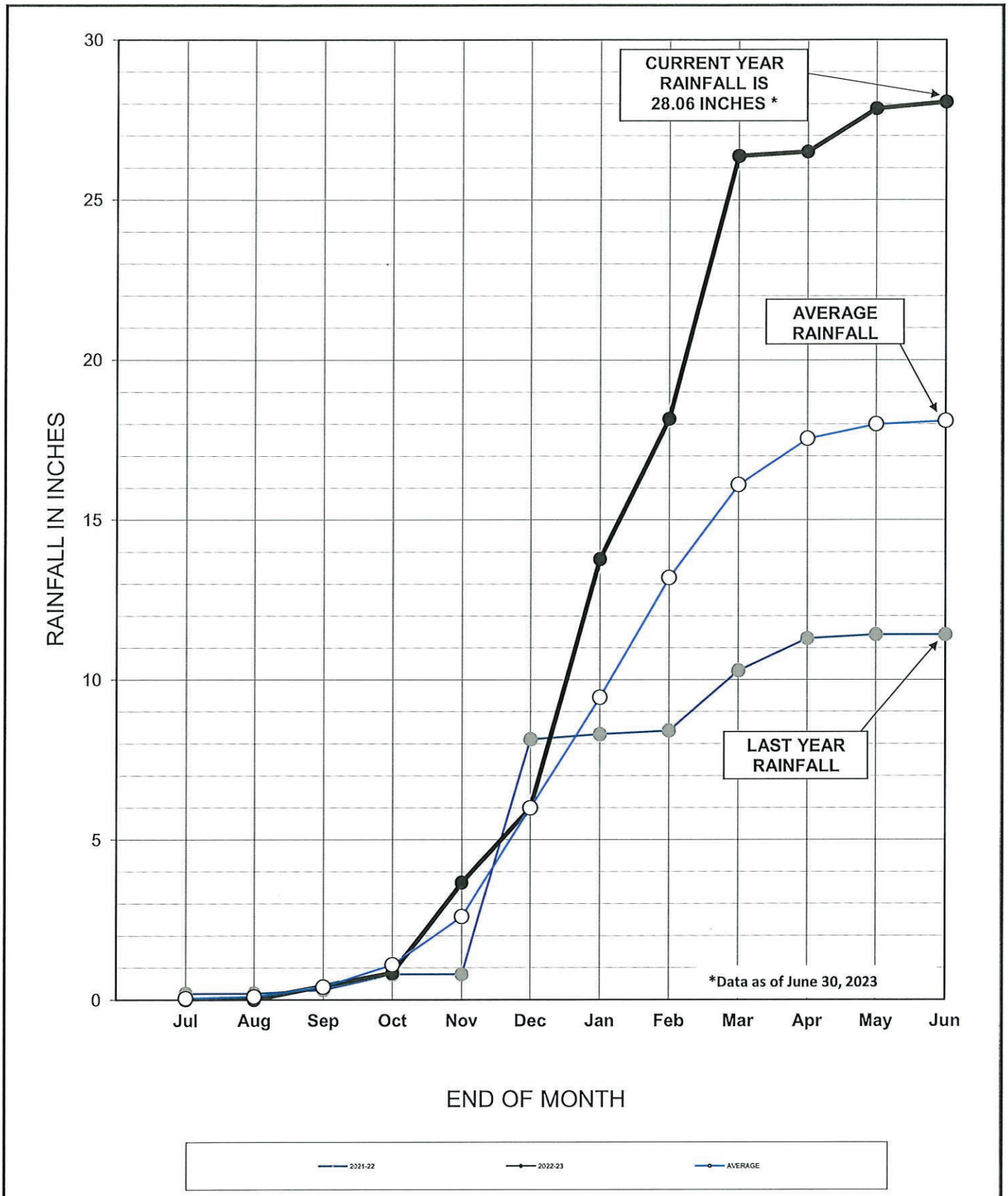

STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

MAIN SAN GABRIEL BASIN WATERMASTER

ACCUMULATED RAINFALL
AT PUDDINGSTONE DAM (STATION NO. 96-C)

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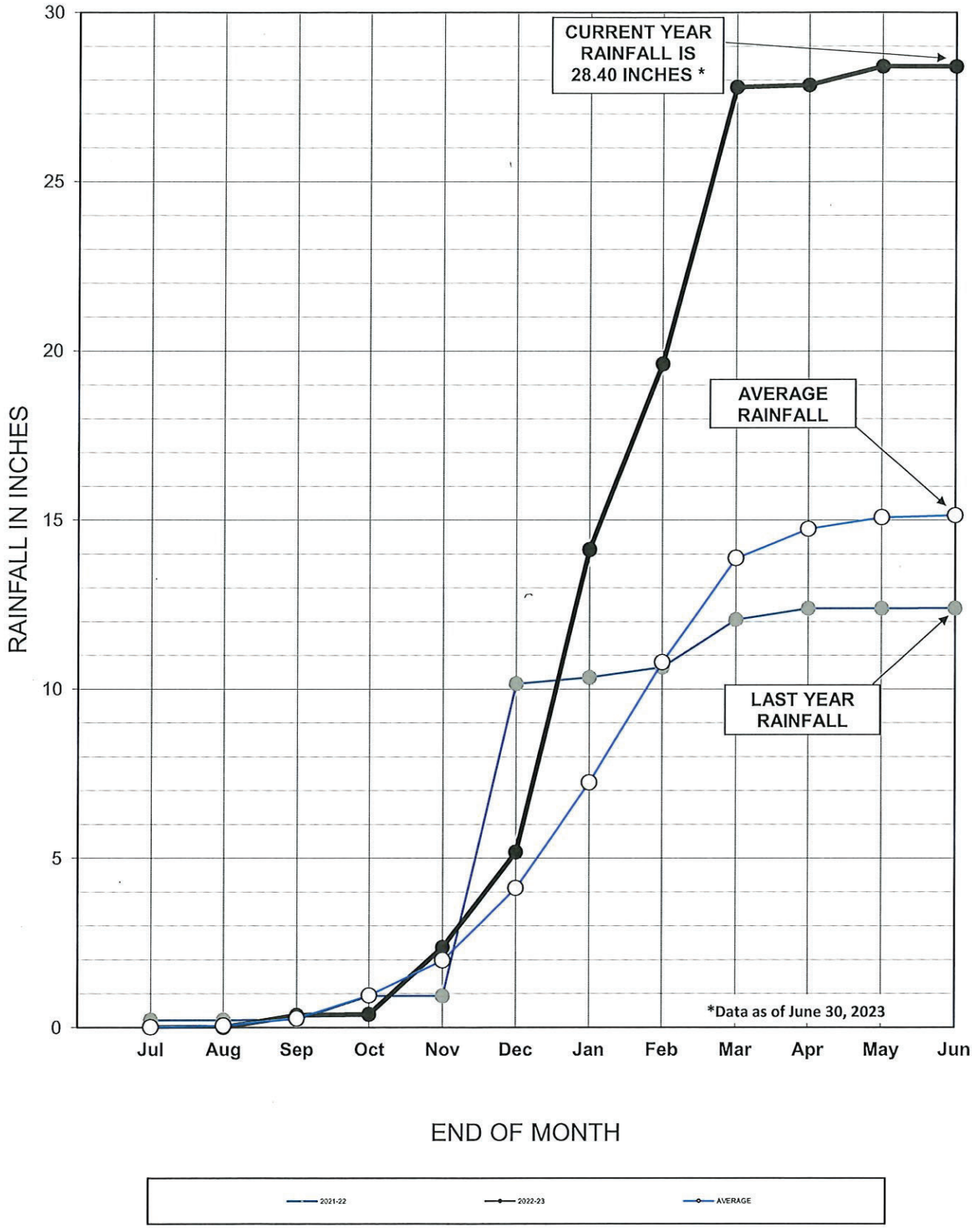

STETSON ENGINEERS INC.
Covina San Rafael Mesa, Arizona
WATER RESOURCE ENGINEERS

MAIN SAN GABRIEL BASIN WATERMASTER

ACCUMULATED RAINFALL
AT LOS ANGELES CIVIC CENTER

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