

**LA HABRA HEIGHTS COUNTY
WATER DISTRICT**

BOARD MEETING

JULY 28, 2026

**AGENDA FOR REGULAR MEETING
BOARD OF DIRECTORS
LA HABRA HEIGHTS COUNTY WATER DISTRICT
July 28, 2026 @ 4:00 PM**

- 1. Roll call of Directors by Secretary**
- 2. Notation of staff members and others present**
- 3. Public Communications** (Comments will be limited to 3 minutes)
- 4. Directors Report – Individual, Subcommittees and/or Attended Events**
- 5. Consent Items:** It is recommended these items be acted upon simultaneously unless separate discussion or action is requested by a member of the public or a Director.
 - a. Minutes of Regular Board meeting for June 23, 2026 (approve)
 - b. Financial reports – June 2026 (approve)
 - c. Status of Investments – June 2026
- 6. Approval of warrants and authorize signatures per warrant list**
- 7. Report from Superintendent**
- 8. Report and recommendations of General Manager:**
 - a. Discuss and Action – Request for revision to Legal Services Agreement between LHCWD and District Counsel Michael Silander.
 - b. Discuss and Approve – Resolution 26-08 Designating the General Manager as the District's authorized representative for the State Water Resource Control Board Grant Funding
 - c. Discuss and Adopt – Resolution 26-09 Supporting the Association of California Water Agencies Vision for our Water Future
 - d. Discuss and Approve – Advertising RFP for PFAS treatment vessels and other equipment

9. General Manager monthly PFAS

10. Closed Session

a. Conference with Real Property Negotiations (\$ 54956.8)

Property: Whittier Mobile Country Club, 10550 Dunlap Crossing Road, Whittier, CA 90606

Agency Negotiators: General Manager Joe Matthews and District Counsel Michael Silander

Negotiating Parties: La Habra Heights County Water District and Whittier Mobile Country Club

Under Negotiation: Purchase or renewed lease, including but not limited to price and terms of payment

11. Adjournment

Any documents that are provided to the Board of Directors regarding items on this agenda less than 72 hours prior to this meeting will be available for public inspection at the front counter of the District office located at 1271 N. Hacienda Road, La Habra Heights, California 90631

MINUTES

MINUTES OF THE REGULAR BOARD MEETING
OF THE BOARD OF DIRECTORS
LA HABRA HEIGHTS COUNTY WATER DISTRICT
June 23, 2026

A regular meeting of the Board of Directors of La Habra Heights County Water District was held on June 23, 2026, at 4:11 p.m., at the office of the District, located at 1271 North Hacienda Road, La Habra Heights.

Item 1. Roll call of Directors by Secretary/General Manager, Joe Matthews.

PRESENT: Directors, Cooke, McVicar and Perumean

ABSENT: Director Crabb

Item 2. Staff members and others present. Staff: Joe Matthews, General Manager and Ivan Ramirez, Superintendent. Others present: Michael Silander, District Counsel, Mike Parra, Dean Parra, Jessica Howarth, Highroad IT and Rene De La Fuente, member of the public.

Item 3. Public Communications –

Mr. Rene De La Fuente described himself as a resident of Orchard Dale Water District and discussed our EPA PFAS grant.

Item 4. Directors Report – Individual, Subcommittees and/or Attended Events.

Director McVicar reported that resident at 1461 Popenoe contacted her about a damaged meter box lid.

Item 5.a. & b. Minutes of Regular Board meeting for May 26, 2026, and Financial Reports- May 2026. After discussion, there was a motion by Director McVicar and seconded by Director Baroldi to approve minutes and financial reports. The vote was as follows:

AYES: Directors Baroldi, Cooke, McVicar and Perumean

NOES: None

ABSENT: Director Crabb

Item 6. Approval of warrants and authorized signatures per warrant list. After discussion, there was a motion made by Director McVicar and seconded by Director Baroldi that warrant numbers 48683 through 48752 in the amount of \$530,759.69 and EFT transfers in the amount of \$13,208.94 be approved and signatures be authorized. The vote was as follows:

AYES: Directors Baroldi, Cooke, McVicar and Perumean

NOES: None

ABSENT: Director Crabb

Item 7. Report of Superintendent. The General Manager reviewed the Superintendent's Report for June 2026.

Item 8.c. Discuss and Adopt – Resolution 26-05 Fiscal Year 2026/2027 Salary and Benefits. After discussion, there was a motion by Director McVicar and seconded by Director Baroldi to approve Resolution 26-05. The vote was as follows:

AYES: Directors Baroldi, Cooke, McVicar and Perumean

NOES: None

ABSENT: Director Crabb

Item 8.d. Discuss and Adopt Resolution 26-06 Revised Rates, Rules and Regulations. After discussion, there was a motion by Director McVicar and seconded by Director Baroldi to approve Resolution 26-06. The vote was as follows:

AYES: Directors Baroldi, Cooke, McVicar and Perumean

NOES: None

ABSENT: Director Crabb

Item 8.d. Discuss and Adopt Resolution 26-07 Revised Procurement Policy. After discussion, there was a motion Director McVicar and seconded by Director Baroldi to approve Resolution 26-07. The vote was as follows:

AYES: Directors Baroldi, Cooke, McVicar and Perumean

NOES: None

ABSENT: Director Crabb

(Director Crabb arrived at 4:32 p.m.)

Item 8.a. Discuss and Approve Highroad IT proposed fiscal year 2026/2027 Information Technology Budget. After discussion, there was a motion by Director Baroldi and seconded by Director McVicar to approve Highroad IT fiscal year 2026/2027 Information Technology Budget. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, McVicar and Perumean

NOES: None

ABSENT: None

Item 8.b. Discuss and Approve – GK Consulting proposal for Grant Writing Assistance applying to the State Water Resource Control Board Emerging Contaminate Funding Program. After discussion, there was a motion by Director McVicar and seconded by Director Perumean to approve GK Consulting grant writing assistance applying to the State Water Resource Control Board. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, McVicar and Perumean

NOES: None

ABSENT: None

(Director Baroldi left the meeting at 5:03 p.m.)

Item 9. General Manager Monthly PFAS report. The General Manager provided an update.

(Entered closed session 5:33 p.m.)

Item 10.a. CONFERENCE WITH LEGAL COUNSEL LIABILITY CLAIM (Govt. Code Section 54956.95(d):

Claimant: Chris L. Gallant on behalf of Francis J. Gallant.

Agency claimed against: La Habra Heights County Water District.

(Adjourned closed session at 5:33 p.m.)

After discussion the board voted to accept the claim and settle the matter for \$10,463.69. The vote was as follows:

AYES: Directors Cooke, Crabb, McVicar and Perumean

NOES: None

ABSENT: Director Baroldi

Item 11. There being no further business to come before the Board, a motion was made by Director Cooke and seconded by Director McVicar that the meeting be adjourned at 5:39 p.m. The vote was as follows:

AYES: Directors Cooke, Crabb, McVicar and Perumean

NOES: None

ABSENT: Director Baroldi

Dated: July 28, 2026

Brad Cooke, President

(SEAL)

Joe Matthews, Secretary

FINANCIAL REPORT

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF NET POSITION

June 30, 2025 and June 30, 2026

	2025	2026
<u>ASSETS:</u>		
<u>Current Assets:</u>		
CASH-PETTY	300.00	300.00
CASH-CHECKING	2,077,563.59	1,969,251.39
CASH-SWEEP	92.71	97.92
INVESTMENT-LAIF	4,132,336.43	9,246,135.35
INVESTMENT-TREASURY BILLS	1,074,214.08	-
ACCOUNTS RECEIVABLE-WATER	780,993.44	554,565.68
ACCOUNTS RECEIVABLE-OTHER	91,069.23	343,067.05
TAXES RECEIVABLE	23,244.50	27,458.51
LEASE RECEIVABLE	131,188.00	131,226.00
SETTLEMENT RECEIVABLE	-	713,119.70
ACCRUED INTEREST RECEIVABLE	124,349.04	172,428.15
INVENTORY	289,619.87	321,200.58
PREPAID EXPENSES	46,158.51	82,114.91
Total Current Assets	8,771,129.40	13,560,965.24
<u>Noncurrent Assets:</u>		
<u>Capital Assets:</u>		
LAND	532,743.65	532,743.65
WATER RIGHTS	1,641,081.80	1,641,081.80
SOURCE OF SUPPLY	2,275,481.80	2,275,481.80
PUMPING PLANT	1,668,932.77	1,668,932.77
TRANSMISSION & DISTRIBUTION	28,052,424.01	28,123,672.43
GENERAL PLANT	1,666,748.78	1,753,387.89
CONSTRUCTION IN PROGRESS	433,290.27	544,573.91
Total Capital Assets	36,270,703.08	36,539,874.25
Accumulated Depreciation	(20,090,762.12)	(21,959,413.12)
Net Capital Assets	16,179,940.96	14,580,461.13
<u>Other Noncurrent Assets:</u>		
INVESTMENTS-CAL DOMESTIC WATER CO	-	-
LEASE RECEIVABLE	2,038,829.14	1,914,916.06
SETTLEMENT RECEIVABLE	1,742,712.00	47,444.39
Total Other Noncurrent Assets	3,781,541.14	1,962,360.45
Total Assets	28,732,611.50	30,103,786.82
DEFERRED OUTFLOWS OF RESOURCES- Deferred amount from pension plan	595,613.00	595,613.00
DEFERRED OUTFLOWS OF RESOURCES- Deferred amount from OPEB	472,335.00	417,660.00
Total Deferred Outflows of Resources	1,067,948.00	1,013,273.00

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF NET POSITION

June 30, 2025 and June 30, 2026

	2025	2026
LIABILITIES		
<u>Current Liabilities:</u>		
ACCOUNTS PAYABLE	363,986.67	416,883.00
DEPOSITS-CUSTOMERS	1,500.00	4,000.00
DEPOSITS-CONSTRUCTION	5,000.00	252,639.53
ACCRUED EMPLOYEE BENEFITS	218,320.83	218,320.83
NET OPEB OBLIGATION	1,450,712.00	1,237,286.00
NET PENSION LIABILITY	1,407,148.00	1,407,148.00
Total Current Liabilities	3,509,878.90	3,605,776.15
Total Liabilities	3,509,878.90	3,605,776.15
DEFERRED INFLOWS OF RESOURCES- Deferred amounts from pension plan	140,658.00	140,658.00
DEFERRED INFLOWS OF RESOURCES- Deferred amounts from OPEB	782,327.00	907,246.00
DEFERRED INFLOWS OF RESOURCES- Deferred amounts from Leases	2,173,505.93	2,051,645.45
Total Deferred Inflows of Resources	3,096,490.93	3,099,549.45
<u>Net Position:</u>		
INVESTED IN CAPITAL ASSETS,NET RELATED DEBT	16,179,940.96	14,580,461.13
UNRESTRICTED	7,014,248.71	9,831,273.09
RESTRICTED	-	-
Total Net Position	23,194,189.67	24,411,734.22

LA HABRA HEIGHTS COUNTY WATER DISTRICT
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
For Twelve Months Ending June 30, 2025 and June 30, 2026

	Last Year Current Month Actual	Current Month Actual	Last Year YTD Actual	Current YTD Actual	Current Budget	Actual 6/30/2026 % of budget 2025/26
Operating Revenue:	6/30/2025	6/30/2026	6/30/2025	6/30/2026	2025/26	100%
	560,942.38	605,312.22	5,714,056.08	5,879,872.83	6,092,986.00	97%
Operating Expenses:						
Source of Supply	184,692.18	198,465.24	2,076,977.71	1,985,299.72	2,160,412.00	92%
Pumping	28,490.90	8,640.07	197,975.61	209,069.88	133,495.00	157%
Treatment	8,048.26	3,418.22	89,045.52	80,201.38	95,582.00	84%
Transmission & Distribution	66,980.68	95,571.74	584,282.78	733,762.61	700,407.00	105%
Customer Accounts	22,213.87	24,122.31	203,930.65	251,969.29	223,294.00	113%
Administrative and General	360,169.02	156,239.26	2,051,487.59	2,151,709.63	2,072,614.00	104%
Capital Improvements	(1,178,240.09)	158,484.75	521,389.16	1,874,006.00	1,874,006.00	100%
Other	7,563.51	8,609.88	93,414.98	100,514.93	98,875.00	102%
TOTAL OPERATING EXPENSES	(500,081.67)	653,551.47	5,818,504.00	7,386,533.44	7,358,685.00	100%
OPERATING INCOME (LOSS)	1,061,024.05	(48,239.25)	(104,447.92)	(1,506,660.61)	(1,265,699.00)	119%
Non-Operating Revenues	1,884,367.70	184,898.92	3,256,392.52	2,564,553.94	1,446,658.00	177%
Non-Operating Expenses	(23,139.58)	900.00	(16,332.78)	7,006.20	28,014.00	25%
NET NON-OPERATING REVENUES (EXPENSES)	1,907,507.28	183,998.92	3,272,725.30	2,557,547.74	1,418,644.00	180%
NET INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS	2,968,531.33	135,759.67	3,168,277.38	1,050,887.13	152,945.00	687%
SYSTEM BUY IN FEE			36,166.00	110,909.00		
CAPITAL CONTRIBUTIONS			56,047.62	55,748.42		
NET INCOME (LOSS) IN NET POSITION			3,260,491.00	1,217,544.55		
NET POSITION-BEGINNING OF YEAR			19,933,698.67	23,194,189.67		
NET POSITION-END OF PERIOD			23,194,189.67	24,411,734.22		

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

For Twelve Months Ending June 30, 2025 and June 30, 2026

	Last Year Current Month Actual 6/30/2025	Current Month Actual 6/30/2026	Last Year YTD Actual 6/30/2025	Current YTD Actual 6/30/2026	Current Budget 2025/26	Actual 6/30/2026 % of budget 2025/26 100%
OPERATING REVENUES						
SALES-WATER	300,206.69	336,533.21	3,031,332.97	3,042,025.22	3,289,482.00	93%
SALES-READINESS TO SERVE	222,825.51	229,753.75	2,596,209.11	2,758,565.10	2,733,327.00	101%
SALES-MISCELLANEOUS	3,687.78	3,576.46	52,291.60	43,833.71	35,854.00	122%
LEASE-WATER RIGHTS	34,222.40	35,448.80	34,222.40	35,448.80	34,323.00	103%
TOTAL OPERATING REVENUES	560,942.38	605,312.22	5,714,056.08	5,879,872.83	6,092,986.00	97%
OPERATING EXPENSES						
PURCHASED WATER	2,727.44	4,054.33	80,260.49	87,027.33	271,633.00	32%
GROUND WATER REPLENISHMENT ASSMT	113,536.80	115,129.86	1,106,505.68	1,072,243.58	1,103,284.00	97%
POWER	68,427.94	79,281.05	890,211.54	826,028.81	785,495.00	105%
TOTAL SOURCE OF SUPPLY	184,692.18	198,465.24	2,076,977.71	1,985,299.72	2,160,412.00	92%
LABOR-PUMPING	7,795.82	7,267.21	65,326.86	61,193.29	66,869.00	92%
MAINTENANCE-PUMPING	20,695.08	1,372.86	132,648.75	147,876.59	66,626.00	222%
TOTAL PUMPING	28,490.90	8,640.07	197,975.61	209,069.88	133,495.00	157%
MAINT & LABOR-TREATMENT	8,048.26	3,418.22	89,045.52	80,201.38	95,582.00	84%
TOTAL TREATMENT	8,048.26	3,418.22	89,045.52	80,201.38	95,582.00	84%
LABOR-TRANS & DISTRIBUTION	37,181.82	30,950.97	251,912.59	260,296.06	287,603.00	91%
MAINT-TRANS & DISTRIBUTION	16,121.46	29,853.56	158,124.26	303,944.61	208,926.00	146%
JOINT FACILITIES-WELL, LM CONDUIT&RES	40,770.59	61,386.99	354,114.21	383,086.41	423,601.00	90%
ORCHARD DALE PORTION	(27,093.19)	(26,619.78)	(179,868.28)	(213,564.47)	(219,723.00)	97%
TOTAL TRANSMISSION&DISTRIBUTION	66,980.68	95,571.74	584,282.78	733,762.61	700,407.00	105%
LABOR&MAINT-CUSTOMER ACCOUNTS	21,670.41	22,533.40	200,573.82	246,039.03	219,817.00	112%
UNCOLLECTIBLE ACCOUNTS	543.46	1,588.91	3,356.83	5,930.26	3,477.00	171%
TOTAL CUSTOMER ACCOUNTS	22,213.87	24,122.31	203,930.65	251,969.29	223,294.00	113%
TOTAL OTHER OPERATING EXPENSES	125,733.71	131,752.34	1,075,234.56	1,275,003.16	1,152,778.00	111%
TOTAL SOURCE OF SUPPLY & OPERATING EXPENSES	310,425.89	330,217.58	3,152,212.27	3,260,302.88	3,313,190.00	98%
ADMINISTRATIVE & GENERAL EXPENSES						
LABOR-FIELD-SICK,VAC,HOLIDAY	21,797.64	13,901.37	85,769.70	106,586.87	84,398.00	126%
WAGES-MANAGEMENT	21,813.95	36,459.67	156,267.35	183,402.48	160,333.00	114%
WAGES-OFFICE	38,418.63	40,519.79	267,975.09	305,657.44	296,733.00	103%
WAGES-MGMT&OFFICE-SICK,VAC,HOLIDAY	11,676.92	5,133.20	99,136.38	87,251.81	99,073.00	88%
OFFICE SUPPLIES	4,383.25	5,723.09	28,069.64	33,004.28	29,511.00	112%
AUTO SERVICE	6,377.67	3,861.83	50,611.30	52,899.75	52,399.00	101%
BANK SERVICE CHARGE	2,212.58	2,484.97	11,154.53	21,005.05	11,052.00	190%
DUES & SUBSCRIPTIONS	-	559.00	28,688.89	30,379.15	43,107.00	71%
BUILDING SERVICE	1,184.13	1,114.71	36,773.86	25,530.51	22,609.00	113%
OFFICE EQUIPMENT MAINT	4,549.51	1,202.92	39,044.07	94,494.73	37,112.00	255%
PROFESSIONAL SERVICES	6,592.58	11,447.50	110,970.86	110,581.17	126,760.00	87%
EDUCATION & MEETINGS	404.66	784.84	18,892.31	16,149.04	17,894.00	90%

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

For Twelve Months Ending June 30, 2025 and June 30, 2026

	Last Year Current Month Actual 6/30/2025	Current Month Actual 6/30/2026	Last Year YTD Actual 6/30/2025	Current YTD Actual 6/30/2026	Current Budget 2025/26	Actual 6/30/2026 % of budget 2025/26
LEGAL	3,387.50	3,987.50	44,675.00	42,270.00	61,712.00	69%
UTILITIES	544.64	2,171.71	97,532.46	106,507.86	109,604.00	97%
ENGINEERING	10,395.00	2,400.00	35,225.00	110,996.60	66,949.00	166%
INSUR-AUTO,LIABILITY&PROPERTY	12,319.81	13,021.21	142,384.33	154,403.34	154,417.00	100%
INSUR-GROUP HEALTH & LIFE	(29,426.95)	15,258.99	160,316.84	229,611.12	229,403.00	100%
EMPLOYEE WORKERS COMPENSATION	6,801.90	5,743.50	29,598.10	29,851.59	30,356.00	98%
DENTAL	796.00	181.60	14,341.92	9,575.44	12,754.00	75%
RETIREMENT-CALPERS	12,039.89	14,782.23	150,525.54	162,648.99	164,700.00	99%
RETIREMENT-DEFERRED COMP	1,822.40	1,723.75	20,572.91	21,551.33	22,828.00	94%
RETIREMENT-CALPERS UNFUND ACCR LIAB	-	-	108,463.00	136,345.88	139,783.00	98%
MAINTENANCE-GENERAL PLANT	12,686.31	7,607.88	105,107.51	114,837.20	99,127.00	116%
CAPITAL IMPROVEMENTS	(1,178,240.09)	158,484.75	521,389.16	1,874,006.00	1,874,006.00	100%
PROPERTY TAXES	891.39	428.65	5,892.88	5,759.96	5,630.00	102%
PAYROLL TAXES	6,672.12	8,181.23	87,522.10	94,754.97	93,245.00	102%
TOTAL ADMIN & GENERAL EXP	(810,507.56)	323,333.89	2,666,291.73	4,126,230.56	4,045,495.00	102%
TOTAL OPERATING EXPENSES	(500,081.67)	653,551.47	5,818,504.00	7,386,533.44	7,358,685.00	100%
OPERATING INCOME (LOSS)	1,061,024.05	(48,239.25)	(104,447.92)	(1,506,660.61)	(1,265,699.00)	119%
NONOPERATING REVENUES						
INTEREST INCOME	113,853.72	43,689.22	345,292.40	386,905.83	268,764.00	144%
PROPERTY TAX INCOME	25,091.03	30,171.35	1,021,647.84	1,047,298.09	1,036,498.00	101%
RENT/LEASE INCOME	10,606.23	10,622.24	126,773.76	127,434.86	127,274.00	100%
OIL ROYALTIES	643.41	1,174.93	10,651.95	10,156.63	12,133.00	84%
MISCELLANEOUS INCOME	1,745,712.00	99,241.18	1,757,371.79	999,458.84	1,989.00	0%
GAIN ON ASSET SOLD	(11,538.69)	-	(5,345.22)	(6,700.31)	-	0%
TOTAL NONOPERATING REVENUES	1,884,367.70	184,898.92	3,256,392.52	2,564,553.94	1,446,658.00	177%
NONOPERATING EXPENSES						
LOSS ON INVESTMENT	(23,639.58)	-	(23,639.58)	-	-	0%
DIRECTORS FEES	500.00	900.00	6,800.00	6,800.00	9,900.00	69%
DIRECTORS EXPENSES	-	-	217.04	206.20	4,481.00	5%
ELECTION	-	-	289.76	-	13,633.00	0%
TOTAL NONOPERATING EXPENSES	(23,139.58)	900.00	(16,332.78)	7,006.20	28,014.00	25%
NET NONOPER REVENUES(EXPENSES)	1,907,507.28	183,998.92	3,272,725.30	2,557,547.74	1,418,644.00	180%
NET INCOME (LOSS) IN NET POSTION	2,968,531.33	135,759.67	3,168,277.38	1,050,887.13	152,945.00	687%

STATUS OF INVESTMENTS

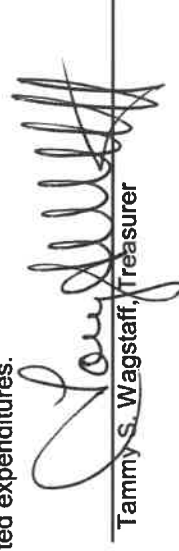
LA HABRA HEIGHTS COUNTY WATER DISTRICT
REPORT OF INVESTMENTS
FOR QUARTER ENDED JUNE 30, 2026

TYPE OF INVESTMENT	ISSUER	PURCHASE DATE	DAYS TO MATURITY	YIELD	AGENT/ BROKER	SOURCE OF VALUATION	BEGINNING BALANCE	ACTIVITY	ENDING BALANCE	MARKET VALUE	% ENDING BALANCE TO TOTAL PORTFOLIO
Sweep Account	Wells Fargo Bank	NA	1	3.515	Wells Fargo Bank	Wells Fargo Bank	1,152,708	^a 872,476	2,025,184	2,025,184	18.0%
Pooled fund	Local Agency Investment Fund (LAIF)	NA	1	3.816	State Treasurer	State Treasurer	8,585,775	^b 655,414	9,241,189	9,246,135 ^c	82.0%
TOTAL							9,738,483	1,527,890	11,266,373	11,271,319	100.0%

- a- Activity in sweep account for the month
b- Deposited on 4/15/26, \$81,414 interest earned from January-March 2026, transfer \$574,000 on May 11, 2026
c- LAIF ending balance net adjustment is \$4,946 as of June 2025 to market value

All current investments and transactions during the month comply with the investment policy adopted by Resolution 26-02 adopted March 10, 2026

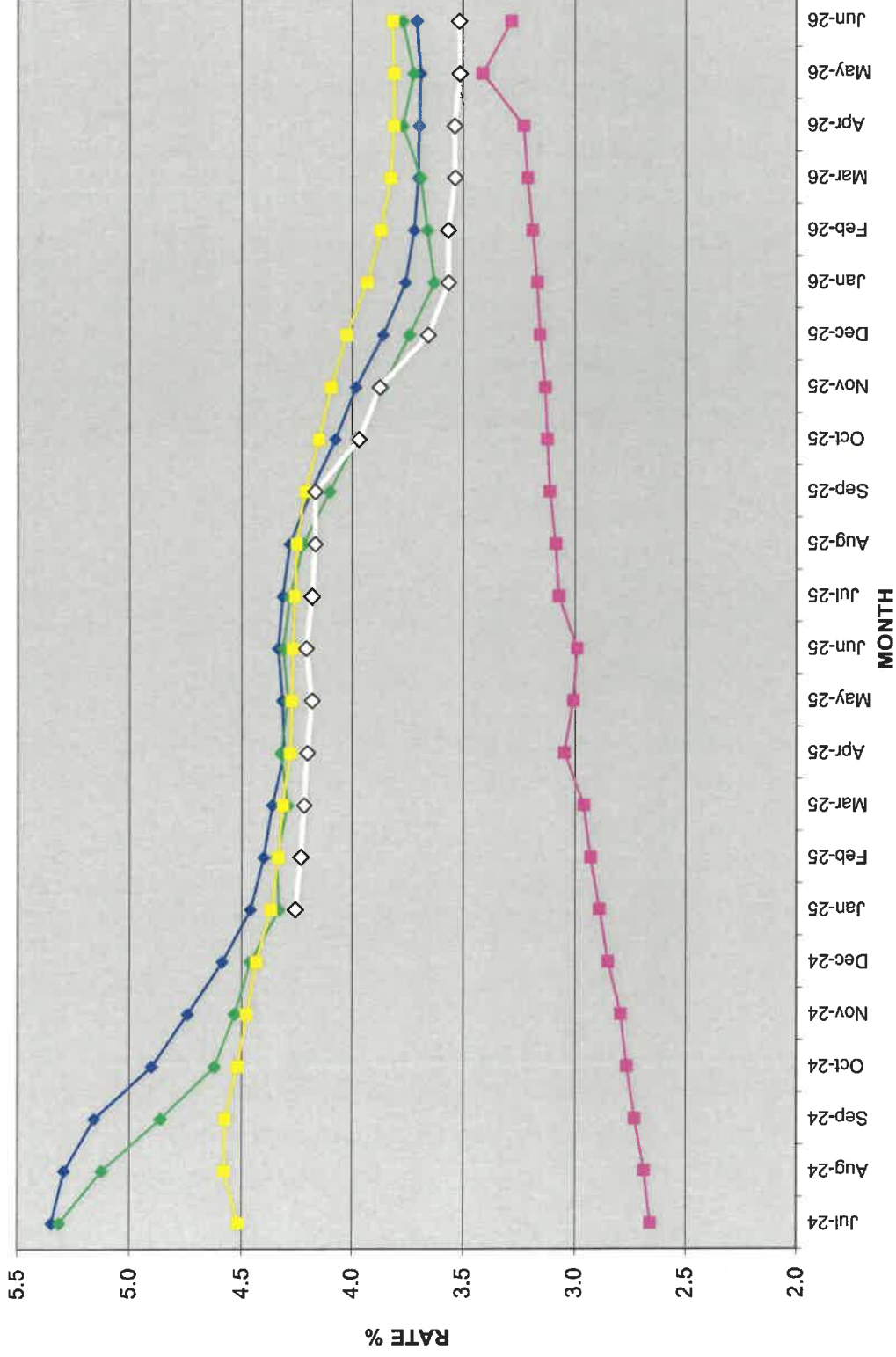
Pending any future action of Board of Directors or any unforeseen catastrophe, I certify that sufficient investment liquidity and anticipated revenue are available to meet the next six months of estimated expenditures.


Tammy S. Wagstaff, Treasurer

July 21, 2026
Date

LA HABRA HEIGHTS COUNTY WATER DISTRICT

Historical Interest Rates



WARRANTS

La Habra Heights County Water District
AP Check Register (Current by Bank)

Check No.	Date	Status*	Vendor ID	Payee Name	Amount
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BANK ID: 13100 - EFT TRANSFERS

1003313439	06/15/26	M	0130	CALPERS	\$5,514.56
1003313440	06/18/26	M	0130	CALPERS	\$1,984.21
1003322849	07/01/26	M	0130	CALPERS	\$5,514.56
1003322850	07/01/26	M	0130	CALPERS	\$2,001.65
1003335131	07/15/26	M	0130	CALPERS	\$5,511.34
1003335132	07/15/26	M	0130	CALPERS	\$1,976.93
BANK 13100 REGISTER TOTAL:					\$22,503.25

BANK ID: 13110 - CHECKING- WELLS FARGO

48753	06/23/26	P	0597	411 COMMERCIAL	\$650.00
48754	06/23/26	P	0385	ADMIRAL PEST CONTROL	\$203.00
48755	06/23/26	P	0013	CANNINGS HARDWARE	\$7.60
48756	06/23/26	P	0588	CARDMEMBER SERVICE	\$711.55
48757	06/23/26	P	0014	CENTRAL BASIN MWD	\$3,402.81
48758	06/23/26	P	0432	CHARTER COMMUNICATIONS	\$599.00
48759	06/23/26	P	0441	CINTAS CORPORATION	\$522.93
48760	06/23/26	P	0145	CIVILTEC ENGINEERING INC	\$40,342.78
48761	06/23/26	P	0558	CONEXWEST	\$227.29
48762	06/23/26	P	0036	EPM POWER & WATER SOLUTIONS	\$33,228.79
48763	06/23/26	P	0580	EXCEL BACKFLOW SERVICE, INC.	\$350.00
48764	06/23/26	P	0389	FRONTIER COMMUNICATIONS	\$900.00
48765	06/23/26	P	0447	IVAN RAMIREZ	\$266.23
48766	06/23/26	P	0033	J A SALAZAR CONSTRUCTION	\$7,080.98
48767	06/23/26	P	0133	KONICA MINOLTA	\$133.03
48768	06/23/26	P	0001	LESLIE J. CONTRERAS	\$176.72
48769	06/23/26	P	0051	LINCOLN FINANCIAL GROUP	\$3,738.49
48770	06/23/26	P	0503	MICHELLE SAVAGE	\$84.00
48771	06/23/26	P	0534	ODP BUSINESS SOLUTIONS, LLC.	\$709.96
48772	06/23/26	P	0068	SOUTHERN CALIF EDISON CO	\$17,447.04
48773	06/23/26	P	0486	TAMMY WAGSTAFF	\$79.82
48774	06/23/26	P	0577	WARE DISPOSAL	\$359.71
48775	06/23/26	P	0016	WATER REPLENISHMENT DISTRICT	\$4,224.92
48776	06/23/26	P	0094	WECK LABORATORIES, INC	\$2,259.00
48777	07/08/26	P	0116	ACWA-JPIA	\$21,693.10
48778	07/08/26	P	0139	ACWA/JPIA	\$4,846.06
48779	07/08/26	P	0611	AGILE OCCUPATIONAL MEDICINE	\$300.00
48780	07/08/26	P	0232	AICPA	\$660.00
48781	07/08/26	P	0353	ARCO BUSINESS SOLUTIONS	\$3,000.09
48782	07/08/26	P	0013	CANNINGS HARDWARE	\$132.87
48783	07/08/26	P	0160	CENTRAL BASIN WATER ASSOC	\$1,464.04
48784	07/08/26	P	0441	CINTAS CORPORATION	\$117.03
48785	07/08/26	P	0123	COUNTY OF LOS ANGELES	\$2,340.83
48786	07/08/26	P	0599	CV STRATEGIES	\$13,113.41
48787	07/08/26	P	ONETIM	ELISEO SANCHEZ	\$1,379.87
48788	07/08/26	P	0164	EXCEL TELEMESSAGING	\$222.00
48789	07/08/26	P	0522	FULLERTON FORD	\$205.98
48790	07/08/26	P	0519	GK CONSULTING	\$1,982.50
48791	07/08/26	P	0569	GOTO COMMUNICATIONS, INC.	\$355.38
48792	07/08/26	P	0099	GRAINGER INC	\$57.29
48793	07/08/26	P	0070	HARRINGTON INDUSTRIAL PLASTICS	\$262.26
48794	07/08/26	P	0369	HIGHROAD INFO TECHNOLOGY	\$8,400.00
48795	07/08/26	P	0153	HOME DEPOT CR SERVICES	\$494.87
48796	07/08/26	P	0252	INFOSEND, INC	\$1,629.16
48797	07/08/26	P	0033	J A SALAZAR CONSTRUCTION	\$37,759.46
48798	07/08/26	P	0545	J. RODRIGUEZ TREE CARE MAINT.	\$1,500.00

La Habra Heights County Water District
AP Check Register (Current by Bank)

Check No.	Date	Status*	Vendor ID	Payee Name	Amount
48799	07/08/26	P	0127	LA HABRA HEIGHTS IMPROV ASSOC	\$35.00
48800	07/08/26	P	0051	LINCOLN FINANCIAL GROUP	\$3,738.49
48801	07/08/26	P	0430	MICHAEL SILANDER	\$3,987.50
48802	07/08/26	P	0503	MICHELLE SAVAGE	\$97.60
48803	07/08/26	P	0534	ODP BUSINESS SOLUTIONS, LLC.	\$202.20
48804	07/08/26	P	0258	S&J SUPPLY CO, INC	\$578.09
48805	07/08/26	P	0147	SAN GABRIEL VALLEY WATER CO	\$31.48
48806	07/08/26	P	0068	SOUTHERN CALIF EDISON CO	\$80,127.57
48807	07/08/26	P	0078	UNDERGROUND SERVICE ALERT	\$252.95
48808	07/08/26	P	0268	UNIVAR USA, INC	\$1,728.80
48809	07/08/26	P	0562	VERIZON	\$513.19
48810	07/08/26	P	0386	VERIZON WIRELESS	\$1,227.34
48811	07/08/26	P	0016	WATER REPLENISHMENT DISTRICT	\$105,314.38
48812	07/08/26	P	0608	WATER RESOURCES ECONOMICS	\$1,155.00
48813	07/14/26	P	0427	TPX COMMUNICATIONS	\$4,430.57
48814	07/21/26	P	0597	411 COMMERCIAL	\$650.00
48815	07/21/26	P	0013	CANNINGS HARDWARE	\$93.86
48816	07/21/26	P	0588	CARDMEMBER SERVICE	\$859.36
48817	07/21/26	P	0014	CENTRAL BASIN MWD	\$3,402.81
48818	07/21/26	P	0432	CHARTER COMMUNICATIONS	\$609.88
48819	07/21/26	P	0441	CINTAS CORPORATION	\$39.01
48820	07/21/26	P	0558	CONEXWEST	\$227.29
48821	07/21/26	P	0389	FRONTIER COMMUNICATIONS	\$1,030.11
48822	07/21/26	P	0421	FULLER TRUCK ACCESSORIES	\$1,174.31
48822	07/21/26	V	0421	FULLER TRUCK ACCESSORIES	(\$1,174.31)
48823	07/21/26	P	ONETIM	HUNG TAN	\$23.67
48824	07/21/26	P	0602	INTERSTATE BILLING SERVICE	\$300.00
48825	07/21/26	P	0133	KONICA MINOLTA	\$133.03
48826	07/21/26	P	0579	KONICA MINOLTA BUSINESS SOL.	\$169.89
48827	07/21/26	P	0107	LA HABRA FENCE CO, INC	\$2,255.00
48828	07/21/26	P	0051	LINCOLN FINANCIAL GROUP	\$3,738.49
48829	07/21/26	P	0534	ODP BUSINESS SOLUTIONS, LLC.	\$197.98
48830	07/21/26	P	0495	PUBLIC WATER AGENCIES GROUP	\$910.00
48831	07/21/26	P	0068	SOUTHERN CALIF EDISON CO	\$25,738.91
48832	07/21/26	P	0243	TAMMY WAGSTAFF	\$104.93
48833	07/21/26	P	0268	UNIVAR USA, INC	\$2,179.74
48834	07/21/26	P	0094	WECK LABORATORIES, INC	\$934.00
48835	07/21/26	P	0522	FULLERTON FORD	\$1,174.31
BANK 13110 REGISTER TOTAL:					\$467,814.28
GRAND TOTAL :					\$490,317.53

* Check Status Types: "P" - Printed ; "M" - Manual ; "V" - Void (Void Date) ; "A" - Application; "E" - EFT** Denotes broken check sequence.



Civil, Water, Wastewater, Drainage and Transportation Engineering
Construction Management • Surveying
California • Arizona

June 12, 2026

La Habra Heights County Water District
1271 North Hacienda Road
La Habra Heights, CA 90631

ok to pay


Attention: Joe Matthews, General Manager

Subject: Engineering Activities for the Month of May 2026
Invoice Backup Support - Billing Period through May 31, 2026

Dear Mr. Matthews:

The La Habra Heights County Water District requires Engineering Support from **CIVILTEC engineering, inc. (Civiltec)** at times on various projects. This work is provided on a time and materials basis when requested and directed by LHHCWD management. Following is an explanation of time spent backing up the May 2026 invoicing. The numbering system is the **Civiltec** project number and tracking system.

2025143.00 – General Engineering Support FY25-26. This project has been established to aid the District in general engineering inquiries, participate in meetings, hydraulic modeling and calibration and overall engineering support. The total budget for General Engineering Support has been established at \$25,000.00 for each Fiscal Year. Below is an accounting of expenditures under this **Civiltec** job number for FY 2025-26.

There were no expenditures in May 2026. The remaining budget is \$4,722.50.

2025144.00 – Engineering Fire flow Modeling FY25-26. This project has been established to aid the District with computer model simulations for fire flow requests by LHHCWD customers. Below is an accounting of expenditures under this **Civiltec** job number for FY 2025-26.

There were expenditures in the month of May 2026 of \$2,400.00. We have set up project numbers per fire flow simulation. We are using this main number 2025144 and have put on extensions starting with .01 for the first request.

2025144.20	Fire Flow Modeling – 1710 Pueblo Crest Ln.	\$600.00
2025144.21	Fire Flow Modeling – 1945 Sharpless Dr.	\$600.00
2025144.22	Fire Flow Modeling – 2275 Vista Rd.	\$600.00
2025144.23	Fire Flow Modeling – 840 Picaacho Dr.	\$600.00

2022169.00 – Well No. 12 Well Siting Study. LHHWCWD plans to drill a new well in the Judson Well Field. The overall budget for the project is \$157,770.00. There were no expenditures in May 2026. The District is currently considering the destruction of Well No. 9 and civil improvements to the Well No. 9 discharge pit. The remaining budget is \$27,946.50.

2024807.00 – PFAS Grant Application. LHHWCWD is working with WRD to secure grant funding for a new PFAS Treatment Plant. Grace Kast is preparing the grant funding applications to WRD and assisting with the EPA grant. *Civiltec* staff is supporting Ms. Kast with as needed cost estimating and preparing exhibits. The budget established for the *Civiltec* effort is \$15,915.00. There were no expenditures in the month of May 2026. The remaining budget is \$906.25.

2024814.00 – PFAS Treatment Plant Design. We have stopped the development of the final design documents until proposals from treatment systems suppliers are received, a supplier selected, and supplier equipment data sheets obtained. This approach will allow the project team to have in hand the supplier's equipment submittals for incorporation into the final design documents and the procurement schedule which will provide the ability to better forecast the required timing of obtaining a general contractor for installation. We are on standby awaiting the District's decision to move forward with the RFP. The budget established for the *Civiltec* effort is \$421,360.00. There were no expenditures in the month of May 2026. The remaining budget is \$111,427.00.

2023330.00 – Carrie Hills Lane Pipeline Redesign. LHHWCWD plans to construct approximately 260 LF of 8" pipeline and a new fire hydrant to serve a new house construct on Carrie Hills Lane. *Civiltec* issued the District an updated proposal to resurrect the design phase Scope of Services with a budget that includes design and bidding services. The proposal adds \$9,950.00 to the original design total of \$23,860.00. There is also a new construction phase budget of \$29,870.00 that brings the overall budget to \$63,680.00. *Civiltec* has completed the redesign and placed the project out to bid. Bids were received and the Board awarded the project to J.A. Salazar. There were expenditures in the month of May 2026 of \$2,675.00. The remaining budget is \$30,960.00.

2026101.00 – Plant 1 Structural and Electrical Analysis. LHHWCWD plans to assess the structural condition of the Plant 1 Forebay and deck where the pumps and electrical gear are located. The existing motor control center and switch gear are also being assessed. The goal of the study is to determine the scope of the necessary upgrade work that will be designed and constructed in another phase. The *Civiltec* team has begun work on the study and has completed the geotechnical investigation which provides current design parameters. Our Survey Manager has completed the assembly of the parcel and easement maps, so we have a better understanding of the land area available to the District. The map has been issued to the District for review. The topo survey and map have been completed. The structural engineering work and assessments has begun as well as preliminary discussions on electrical improvements. The overall budget for the project is \$153,490.00. There were expenditures of \$28,769.03 in May 2026. The remaining budget is \$80,233.03.

2026102.00 – Gualtieri Reservoir Seismic Analysis. LHHWCWD plans to rehabilitate the Reservoir based upon a Harper dive report. In this phase, the tank's seismic stability and structural condition are being assessed. The goal of the study is to determine the scope of the rehabilitation work that will be designed and constructed in another phase. The *Civiltec* team has begun work on

La Habra Heights County Water District
Mr. Joe Matthews, General Manager
Engineering Activity Report for May 2026
June 12, 2026
Page 3



the study and has completed the geotechnical investigation. This study provides current seismic design parameters. The structural analysis work is underway and options have been developed to mitigate the sloshing wave height. The overall budget for the project is \$85,585.00. There were expenditures of \$6,498.75 in May 2026. The remaining budget is \$33,962.90.

I hope this information helps with your processing of the project invoices. Please let me know if you have any questions.

Very truly yours,

CIVILTEC engineering, inc.

A handwritten signature in black ink, appearing to read 'W. David Byrum', is written over a horizontal line.

W. David Byrum, P.E.
President/CEO, Principal Engineer

X:\Agency\CA\Water District\LaHabraHeightsCo\WD\Engineering Backups\La Habra Heights CWD May 2026 Work.docx

Michael Silander

Attorney at Law

3625 E. Thousand Oaks Blvd., Suite 224

Westlake Village, CA 91362

INVOICE

DATE: JULY 1, 2026

TO:

La Habra Heights County Water District

1271 Hacienda Road

La Habra Heights, CA 90631

PLEASE REMIT PAYMENT TO:

Michael Silander

3625 E. Thousand Oaks Blvd., Suite 224

Westlake Village, CA 91362

SPECIFICATIONS:

LHHCWD/TOTAL

Invoice for legal services rendered in June 2026.



MATTER	HOURS	AMOUNT
Transactional - General	21.9	\$2,737.50
Retainer	Flat fee	\$1,250.00
		TOTAL: \$3,987.50

Please make all checks payable to Michael Silander

If you have any questions concerning this invoice,

please email michael@silanderlaw.com or call 805-490-9247

Credit Card Transactions

ACCOUNT ACTIVITY

Date of Transaction	Merchant Name or Transaction Description	\$Amount
06/01	- Payment Thank You- Check	-731.32
05/13	- ACWA EVENT REGISTRATION 916-4414545 CA - <i>AI Event for Joe</i>	85.00
05/18	- APPLE.COM/BILL 866-712-7753 CA- <i>Purchased additional data plan Ivan's district phone.</i>	9.99
05/18	- APPLE.COM/BILL 866-712-7753 CA- <i>Purchased additional data plan Joe's district phone.</i>	9.99
05/27	- THE TOLL ROADS OF OC 949-727-4800 CA - <i>Toll fare for Joe's trip to airport for ACWA</i>	1.55
05/28	- SQ* LONG BEACH EXCHANGE Long Beach CA - <i>WRD PFAS Lunch Meeting for Joe</i>	16.48
06/02	- SCWUA June 16, 2026, Co 162-6385715 CA Luncheon <i>fee for Joe</i>	42.42
06/04	- VIOC GN135 WHITTIER CA - <i>Oil Change for Unit 1</i>	142.57
06/07	- BEST BUY 0001024 WEST COVINA CA - <i>Charge Cables for iPhone and iPad</i>	21.94
06/08	- ROSCOE MOSS 323-263-4111 CA Parts for sand tester needed for the Well sites	296.77
06/10	- SCWUA July 2026 Meetin 162-6385715 CA - <i>Luncheon fee for Joe & Ivan</i>	84.84

Credit Card Transactions

ACCOUNT ACTIVITY

Date of Transaction	Merchant Name or Transaction Description	\$Amount
06/26 - Payment Thank You- Check		-711.55
06/18 - APPLE.COM/BILL 866-712-7753 CA-	<i>Purchased additional data plan Ivan's district phone.</i>	9.99
06/18 - APPLE.COM/BILL 866-712-7753 CA-	<i>Purchased additional data plan Joe's district phone.</i>	9.99
06/24 - IMPERIAL BUILDING MATERIA LA HABRA CA -	<i>Replacement rock for 1601 Nabal Rd.</i>	489.38
07/07 - CA-NV SECTION AWWA 909-7817200 CA -	<i>Seminar Training for Dale Snooks & Mike Tafolla</i>	350.00

SUPERINTENDENT'S REPORT

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: 7/28/26
TO: JOE MATTHEWS, GENERAL MANAGER
& BOARD OF DIRECTORS
FROM: IVAN RAMIREZ, SUPERINTENDENT
SUBJECT: SUPERINTENDENT'S REPORT FOR JUNE 2026

System and Equipment Maintenance

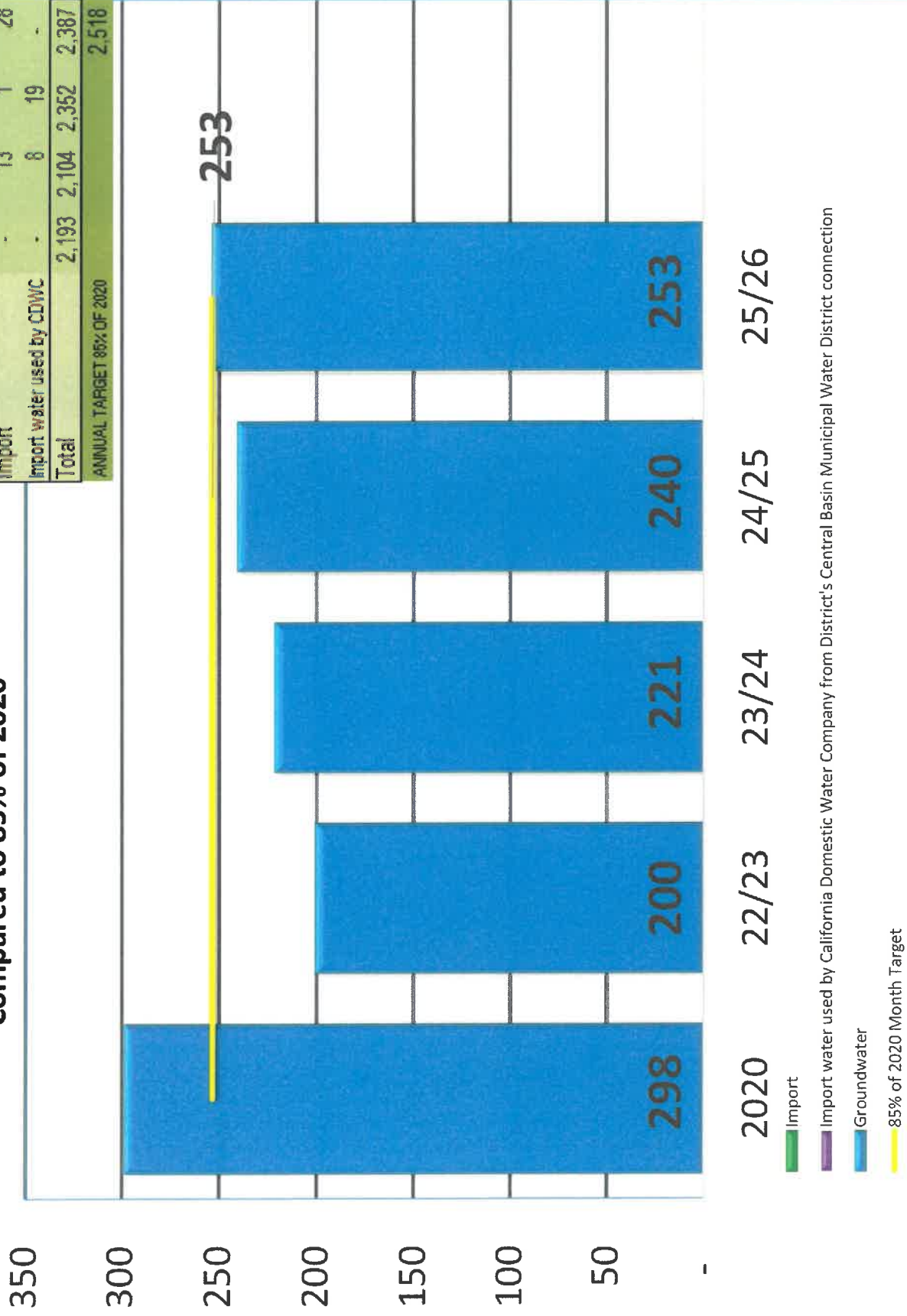
- Two new services were installed by J. A. Salazar Construction.
- Repaired two service leaks and two mainline leaks. Both mainline leaks required an emergency water shutdown.
- Replaced one two-inch service on El Terraza and a one-inch service line on Hidden Canyon. Both services have a history of leaks
- Had annual maintenance performed on our emergency generators. Our Class A drivers from our field crew practiced annual generator hook-up and towing procedures.
- Performed annual cyber security standard operating procedures training with Highroad IT.

LA HABRA HEIGHTS COUNTY WATER DISTRICT

Production in acre feet for JUNE

Compared to 85% of 2020

ANNUAL WATER USAGE					
Water Source	2022/2023	2023/2024	2024/2025	2025/26 THRU JUN	
Groundwater	2,193	2,083	2,332	2,359	
Import	-	13	1	28	
Import water used by CDWC	-	8	19	-	
Total	2,193	2,104	2,352	2,387	
ANNUAL TARGET 85% OF 2020					2,518



DISCUSS AND ACTION –

**LEGAL SERVICE AGREEMENT
BETWEEN LHHCWD & DISTRICT
LEGAL COUNSEL**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: JULY 28, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
SUBJECT: REQUEST FOR APPROVAL OF REVISED LEGAL SERVICES
AGREEMENT WITH DISTRICT COUNSEL MICHAEL
SILANDER

District Counsel Michael Silander has requested that the Board review his Legal Services Agreement for consideration of a rate adjustment. Mr. Silander is in his tenth year as a sole practitioner and serving as LHHCWD's General Counsel, following an additional four years of representing the District as a member of his previous law firm.

The current Legal Services Agreement, established in 2017, provides for an hourly rate of \$125.00 and a monthly retainer of \$1,250.00. Mr. Silander has respectfully requested that the Board consider amending the agreement to increase the hourly rate to \$150.00 and the monthly retainer to \$1,500.00.

LEGAL SERVICES AGREEMENT

This agreement ("Agreement") is entered into this ____ day of _____, 2017 ("Effective Date") by and between La Habra Heights County Water District ("District") and Michael Silander ("Attorney").

RECITALS

WHEREAS, Attorney is currently General Counsel for District;

WHEREAS, District contemplates the continued legal services provided by Attorney as described herein; and

WHEREAS, Attorney agrees to provide-continue providing such services pursuant to the terms and conditions of this Agreement and has represented he possesses the necessary skills and qualifications to provide such services.

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual covenants contained in this Agreement, District and Attorney agree as follows:

AGREEMENT

1. The Recitals are incorporated herein and are an operative part of this Agreement.
2. District hereby contracts with Attorney to perform and/or furnish consulting, representational, and legal services, including administrative and court proceedings as requested by District or otherwise required by law at and for the consideration hereinafter stipulated, and Attorney hereby accepts such contract under the hereinafter set forth terms and conditions.
3. Attorney shall provide labor and services required to complete the work requested of Attorney by employees or authorized representatives of District. Attorney shall attempt to obtain District's prior approval of expenses expected to exceed \$500.00.
4. District shall pay Attorney \$1~~5025~~.00 per hour for transactional services such as providing legal advice, consultation, research, travel, reviewing, drafting, assisting with District contracts, correspondence, legal opinions, and other assistance on miscellaneous legal matters. Similarly, District shall pay Attorney \$1~~5025~~.00 per hour for litigation services, in addition to litigation costs such as filing fees, expert fees, deposition fees, and other non-Attorney fees necessitated by litigation.
5. Notwithstanding the transactional and litigation fees set forth in paragraph 4, above, District shall pay Attorney \$1,50250 per month for attending District's regular and/or special board meetings, and for reviewing and revising agendas and minutes. This flat fee shall not be increased or decreased based on District holding more or less than one meeting at any given month.
6. Attorney shall submit detailed monthly invoices for services rendered under this Agreement either by mail or email. Approved invoices shall be paid within thirty (30) days after receipt.
7. Attorney shall procure and maintain errors and omissions insurance in an amount sufficient to

cover any work performed by Attorney for District. It is Attorney's sole responsibility to obtain and maintain such insurance. Upon request, Attorney shall provide District with copies of any and all coverage certificates.

8. District shall provide Attorney with all reasonably available information pertinent to the tasks to be performed by Attorney under this Agreement. Attorney shall not be liable for actions taken by District or its employees without Attorney's involvement. It shall be the responsibility of Attorney to apply reasonable caution in the interpretation and uses of District furnished data and promptly advise District of any known errors.

9. Attorney shall perform the services provided for herein in Attorney's own way as an independent contractor and in pursuit of Attorney's independent calling, and not as an employee of District. Attorney shall not have any claim under this Agreement against District for vacation pay, paid sick leave, retirement benefits, social security, workers' compensation, health, disability, or unemployment insurance benefits or other employee benefits of any kind.

10. If a dispute between District and Attorney arises over fees charged for services, the controversy shall be submitted to binding arbitration in accordance with the rules of the California State Bar Fee Arbitration Program, set forth in California Business and Professions Code, sections 6200 through 6206. The arbitrator or arbitration panel shall have the authority to award to the prevailing party attorneys' fees, and costs and interest incurred. Any arbitration request and award may be served by mail upon either side and personal service shall not be required. If a dispute between District and Attorney over any other aspect of the attorney-client relationship, including, without limitation, a claim for breach of professional duty, that dispute will also be resolved by binding arbitration as set forth above. It is understood that any dispute as to any alleged breach of professional duty will be determined by submission to binding arbitration as provided by California law, and not by lawsuit or resort to court process except as California law provides for judicial review of arbitration proceedings. Each party is to bear its own legal fees and costs.

11. District, its agents, officers, and employees shall not be liable for any claims, liabilities, penalties, fines, or any damage to property, whether real or personal, nor for any personal injuries or death caused by, or resulting from, or claimed to have been caused by or resulting from, any negligent act, omission, recklessness or willful misconduct of Attorney. Attorney hereby agrees to indemnify, hold harmless, and defend District and its authorized agents, officers, and employees against any of the foregoing liabilities, claims, and/or any cost or expense that is incurred by District on account of any of the foregoing liabilities by reason of Attorney's negligence, omission, recklessness, or willful misconduct in the performance of professional services under this Agreement.

12. Attorney's services shall be performed in accordance with generally accepted professional practices and principles, and in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. All services shall be performed to District's reasonable satisfaction.

13. The term of this Agreement is effective upon the execution thereof by the parties and shall be

ongoing until modified by mutual written agreement of the parties as provided below. Either party may terminate the Agreement, in whole or in part, with or without cause, upon thirty (30) days' written notice to the other party. In the event of such termination, for any reason, District shall not be responsible for any direct, indirect, special, exemplary, consequential, or incidental damage or lost profits. Attorney shall, upon written request of District, deliver to the District and transfer title (if necessary) to all completed work, and work in progress including drafts, documents, plans, forms, maps, products, graphics, computer programs and reports. If District does not request delivery of any file before the end of seven (7) years, Attorney will have no obligation to retain such file and may, at Attorney's discretion, destroy it without further notice to District. At any point during the seven (7) years, District may request delivery of a file.

14. If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force and effect without being impaired or invalidated.

15. Subject to section 12 of this Agreement, all original papers, maps, models, designs, studies, surveys, reports, data, notes, computer files, documents, drawings, and other work product (collectively "Work Product") of Attorney, produced by Attorney pursuant to this Agreement, except documents that are required to be filed with public agencies, shall be deemed solely the property of District.

16. This Agreement may not be amended except by a subsequent writing signed by the parties.

17. This Agreement shall be governed by and construed in accordance with the laws of the State of California. If both parties waive arbitration in writing, venue for any dispute shall be brought exclusively in the federal or state courts located in the federal or state courts located in San Bernardino County.

18. All work, labor, and materials shall be done and provided in strict conformity with (a) all laws, ordinances, codes, rules, regulations, and standard specifications of governmental authorities having jurisdiction over Attorney's work, and (b) the terms of this Agreement.

19. If any disputes should arise between the parties concerning the work to be done under this Agreement, the payments to be made, or the manner of accomplishment of the work, Attorney shall nevertheless proceed to perform the work as directed by District pending settlement of the dispute.

20. The fact that District has made payment under this Agreement shall not be interpreted so as to imply District has inspected, approved, or accepted the work that has been performed by Attorney. No delay or omission in the exercise of any right or remedy by the non-defaulting party on any default shall impair such right or remedy or be construed as a waiver. A party's consent to or approval of any act by the other party requiring the party's consent or approval shall not be deemed to waive or render unnecessary the other party's consent to or approval of any subsequent act. Any waiver by either party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of the Agreement.

21. No official or employee of the District shall be personally liable to the Attorney in the event of any default or breach by District or for any amount that may become due to the Attorney or for any breach of the terms of this Agreement.

22. No director, officer, or employee of the District shall have any financial interest, direct or indirect, in this Agreement, nor shall any such director, officer, or employee participate in any decision relating to this Agreement that affects his/her financial interest or the financial interest of any corporation, partnership, entity, or association in which he/she is directly or indirectly interested, in violation of any state or federal statute or regulation. The Attorney warrants that he has not paid or given and will not pay or give any third party any money or other consideration for obtaining this Agreement.

23. Each party to this Agreement represents and warrants to the other party that all necessary actions have been taken to authorize the undersigned to execute this Agreement and to bind it to the performance of its obligations hereunder.

24. This Agreement is binding upon the successors and assigns of the parties.

25. Each party to this Agreement acknowledges it has had the opportunity to consult legal counsel as to the terms of this Agreement. As such, this Agreement shall be construed to have been drafted by both parties and shall be interpreted accordingly.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

MICHAEL SILANDER

LA HABRA HEIGHTS COUNTY WATER DISTRICT

By: _____

Date: _____

Date: _____

RESOLUTION NO. 26-08

**A RESOLUTION OF THE BOARD OF
DIRECTORS OF
LA HABRA HEIGHTS COUNTY
WATER DISTRICT AUTHORIZING A
REPRESENTATIVE FOR THE STATE
WATER RESOURCE CONTROL
BOARD GRANT FUNDING**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: JULY 28, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
**SUBJECT: RESOLUTION 26-08 AUTHORIZING THE GENERAL MANAGER
TO REPRESENT THE DISTRICT IN THE STATE WATER
RESOURCE CONTROL BOARD GRANT FUNDING**

As part of the requirements for grant funding eligibility, the State Water Resources Control Board (SWRCB) requires a Board resolution authorizing the General Manager to act on behalf of the District in matters related to the SWRCB grant funding application.

Staff recommends that the Board adopt Resolution No. 26-08 authorizing the General Manager to represent the District for purposes of the SWRCB grant funding application.

RESOLUTION NO. 26-08

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
LA HABRA HEIGHTS COUNTY WATER DISTRICT AUTHORIZING A
REPRESENTATIVE FOR THE STATE WATER RESOURCE CONTROL BOARD
GRANT FUNDING**

WHEREAS, La Habra Heights County Water District has determined to apply for the State Water Resource Control Board Grant Funding.

RESOLVED BY THE BOARD OF DIRECTORS OF THE LA HABRA HEIGHTS COUNTY WATER DISTRICT (the "Entity"), AS FOLLOWS:

The General Manager (the "Authorized Representative") or designee is hereby authorized and directed to sign and file, for and on behalf of the Entity, a Financial Assistance Application for a financing agreement from the State Water Resource Control Board for the planning, design, and construction of a treatment facility (the "Project").

This Authorized Representative, or his/her designee, is designated to provide the assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

The Authorized Representative, or his/her designee, is designated to represent the Entity in carrying out the Entity's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the Entity and compliance with applicable state and federal laws.

Ayes:

Nos:

Absent:

CERTIFICATION

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the La Habra Heights County Water District on July 28, 2026.

Bradley Cooke, President
Board of Directors, La Habra
Heights County Water District

ATTEST:

Joe Matthews, Secretary
La Habra Heights County Water District

[Seal]

RESOLUTION NO. 26-09

**A RESOLUTION OF THE BOARD OF
DIRECTORS OF
LA HABRA HEIGHTS COUNTY
WATER DISTRICT
IN SUPPORT OF ASSOCIATION OF
CALIFORNIA WATER AGENCIES
VISION FOR OUR WATER FUTURE**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: JULY 28, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
SUBJECT: RESOLUTION 26-09 SUPPORTING ACWA'S VISION FOR OUR WATER FUTURE INITIATIVE

Last month, I attended a regional meeting highlighting ACWA's *Vision for Our Water Future*, an initiative focused on educating and informing California's candidates for elected office about the state's water priorities. I attended the meeting to gain insight into how other agencies believe supporting the initiative will help address their current and future water management needs.

During the meeting, I discussed California's reliance on treated wastewater for groundwater basin replenishment with several general managers. Many shared our concern that drinking water agencies should not be solely responsible for the costs of PFAS treatment when PFAS-contaminated wastewater contributes to groundwater recharge. There was broad agreement that sanitation and groundwater replenishment agencies should also play a role in addressing these costs.

Staff recommends that the Board adopt Resolution No. 26-09 in support of ACWA's *Vision for Our Water Future*. Supporting this initiative aligns with the District's interest in encouraging ACWA to advocate with current and future elected officials for policies that address PFAS in wastewater used for groundwater basin replenishment and promote a more equitable allocation of treatment costs.

RESOLUTION NO. 26-09

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
LA HABRA HEIGHTS COUNTY WATER DISTRICT
IN SUPPORT OF ASSOCIATION OF CALIFORNIA WATER AGENCIES
VISION FOR OUR WATER FUTURE**

WHEREAS, in April 2026, the Association of California Water Agencies (ACWA) launched Vision for Our Water Future, a member-driven initiative to identify statewide water priorities to inform engagement with California's next Administration; and

WHEREAS, the Vision for Our Water Future priorities are a set of recommendations for the next governor, emphasizing the importance of strong leadership, sustainable investment and coordinated action across all levels of government to secure California's water future; and

WHEREAS, the first priority is to lead on water and elevate water as foundational to California's economy, agriculture, communities, environment and climate resilience through sustained leadership and coordinated state action; and

WHEREAS, the second priority is to ensure safe and reliable water remains affordable through sustained and predictable funding partnerships and streamlined investment delivery; and

WHEREAS, the third priority is to strengthen and modernize California's water infrastructure, including both built and natural systems, to improve reliability and resilience; and

WHEREAS, the fourth priority is to improve regulatory, operational and scientific frameworks to enable efficient project delivery and adaptive water management; and

WHEREAS, local water agencies play a critical role in delivering safe and reliable water supplies and are essential partners in implementing statewide solutions; and

WHEREAS, supporting the Vision recommendations demonstrates a unified commitment to collaborative, science-based and practical policies that advance a secure and resilient water future for California's communities, farms, economy and environment; now, therefore, be it

RESOLVED that La Habra Heights County Water District hereby expresses support for ACWA's Vision for Our Water Future recommendations and affirms its commitment to working collaboratively to advance reliable, affordable and resilient water supplies.

PASSED, APPROVED AND ADOPTED on July 28, 2026.

Bradley Cooke, President
Board of Directors, La Habra
Heights County Water District

ATTEST:

Joe Matthews, Secretary

[Seal]

VISION

FOR OUR WATER FUTURE



Setting the Vision

The Association of California Water Agencies (ACWA) represents approximately 470 public water agencies that collectively deliver approximately 90 percent of the water used by Californians — in their homes, on their farms, and for their businesses.

Water agencies are being proactive and are on the front lines of the state's most pressing challenges — from droughts, floods, and wildfires to aging infrastructure and the need for more housing. Meaningful progress requires state partnership with local water suppliers to achieve common goals. Bold leadership from the governor is critical to setting a unified direction, accelerating action, and delivering results to prepare California for the future. Action is needed now.

Why Water Matters

Water is the foundation upon which California is built. This State is the world's fourth-largest economy, the nation's breadbasket, a global technology leader, and home to extraordinary ecosystems. None of it functions without water.

Water is not a single-sector issue. It is the backbone every other sector depends on. It determines where homes can be built, whether farms can produce, how businesses operate and grow, and whether species can survive a changing climate. A safe, reliable, and affordable water supply is one of the most important investments California can make.

ACTION IS NEEDED NOW



**Lead
on Water**



**Protect
Affordability**



**Deliver Critical
Infrastructure**



**Modernize Water
Management**

California Thrives With Water

- › **Housing:** California must plan for 2.5 million new homes in the next decade. Every unit requires a reliable water supply.
- › **Agriculture:** California agriculture is 12% of the state's economy, contributing \$60 billion; employing over 400,000 people; and producing more than half of the nation's fruits, nuts, and vegetables. Both surface and groundwater are fundamental to California's agriculture sector.
- › **Economy:** California's \$4 trillion economy spans technology, innovation, manufacturing, trade, and tourism. Every dollar of it depends on a reliable water supply.
- › **Environment:** California's extraordinary ecosystems — its rivers, wetlands, and floodplains — depend on the same water system managed by local water suppliers. A thriving California requires managing water to sustain both communities and ecosystems.
- › **Public Health:** Water suppliers are California's first line of public health defense, delivering safe, clean drinking water to every community in the state.
- › **Climate Resilience:** Climate whiplash — the swing between extreme droughts and extreme floods — is increasing, snowpack is diminishing, and wildfires are growing more severe. Water suppliers are modernizing, but they cannot do it alone.

Building A Modern System

Securing California's water future requires more than incremental fixes. It demands a fundamental shift in how the State leads, invests, and operates. The Vision for Our Water Future provides an essential framework for ensuring a resilient and reliable water system.

Funded, built, and managed for extreme conditions, our modern water system is resilient, coordinated, and flexible — meeting the needs of California's communities, economy, and environment.

- › **Anchored by Backbone Infrastructure:** The State Water Project and Central Valley Project form the foundation of the statewide water system. These assets capture and manage California's highly variable hydrology and move water where and when it is needed.
- › **Strengthened by Regional Resiliency:** Regional and watershed-based partnerships strengthen local water reliability under changing hydrologic conditions and during emergencies through coordinated planning, interconnected infrastructure, diversified supplies, and shared responsibility.
- › **Delivered Locally:** Water is delivered by local suppliers, even when conveyed through or interconnected with statewide or regional systems. Local agencies set rates and policies — ratepayers fund approximately 85% of California's water system costs — while navigating structural constraints from Proposition 218, regulatory mandates, and permitting complexity.

Key Elements of A Modern Water System

- › Designed and upgraded for the future
- › Flexible and responsive to changing climate conditions
- › Supported by aligned state permitting, regulatory, and investment frameworks
- › Informed by technology, data, and science
- › Grounded in long-term affordability

A modern water system must be resilient, coordinated, and flexible to meet California's evolving needs.





LEAD ON WATER

Recognize water as an essential resource and the infrastructure that underpins California's economy, housing growth, food production, environmental health, and community resilience. Sustained executive leadership is needed to improve water supply reliability, accelerate climate resilience, and ensure coordinated action across state government.

- **Set a Bold Water Agenda (First 100 Days):** Establish a focused statewide water agenda aligned with this Vision for Our Water Future.

- **Appoint Leaders to Deliver Results:** Appoint and empower leaders to deliver measurable outcomes.
- **Unify State Agencies:** Direct state agencies to align under unified statewide water priorities and jointly advance implementation in partnership with local, regional, and federal water managers. Designate a cabinet-level water policy executive, reporting directly to the Governor, to align agencies and organize state resources to implement California's water priorities.



PROTECT AFFORDABILITY

Ensure safe and reliable water remains affordable by strengthening sustained state investment and funding partnerships with local, regional, and federal agencies to address rising infrastructure, climate, and regulatory costs. California's ratepayers fund more than 85% of the system. Without predictable investment, these costs will increasingly fall on households, businesses, and farmers.

- **Secure Sustainable Water Funding:** Create a reliable sustainable state funding source for water infrastructure that provides predictable, long-term investment. This funding should support critical water infrastructure projects, environmental needs, and California's Human Right to Water while leveraging federal, regional, and local investment.

- **Accelerate Funding:** Improve funding programs and coordination so investments reach projects faster — reducing administrative delays, lowering project costs, and accelerating infrastructure delivery.
- **Integrate Investments Across Sectors:** Align state investments and integrate water infrastructure funding across energy, housing, and climate and hazard mitigation to advance multi-benefit projects and maximize federal, state, and regional investment.





DELIVER CRITICAL INFRASTRUCTURE

Future-proof California's critical water infrastructure to ensure reliable supplies in the face of climate change, growing economic and community demands, and escalating emergency risks. This requires strengthening the statewide water system, including both built and natural infrastructure, while advancing regional resilience to maximize systemwide reliability.

- **Strengthen the State's Water Backbone:** Upgrade, repair, and optimize California's essential backbone infrastructure — the California State Water Project and Central Valley Project.
 - ◆ **Modernize and Protect Infrastructure:** Advance a durable Delta conveyance solution, strengthen Delta levees, safeguard critical infrastructure from subsidence and seismic risk, and upgrade system technologies — including Forecast Informed Reservoir Operations, snowpack measurement, and remote monitoring control.

- ◆ **Improve Coordinated Operations:** Integrate operations of the California State Water Project and Central Valley Project to increase system flexibility, expand the storage and movement of water, and enhance water supply reliability.

- **Safeguard Colorado River Water Supplies:** Protect California's Colorado River allocation, consistent with the State's legal entitlements and the efforts of the Colorado River Board of California.
- **Empower Regional Water Solutions:** Champion regional and watershed-based solutions. State policy should empower regions with the tools, flexibility, and investment needed to advance regional planning, partnerships, and projects that diversify water supplies, strengthen system connectivity and operational efficiency, and restore ecosystem functions to ensure reliable water supplies.



MODERNIZE WATER MANAGEMENT

Improve California's regulatory and operational systems so water projects can move forward reliably and efficiently, infrastructure can be operated more flexibly, and agencies can respond more rapidly to changing conditions. California's regulatory framework should deliver clear, coordinated decisions grounded in the best available science, while maintaining environmental protections, public transparency, and California's existing water rights priority system.

- **Improve Permitting Performance:** Enhance the clarity, coordination, and efficiency of state permitting processes to accelerate infrastructure and operational improvements; eliminate avoidable costs; and ensure state and local agencies deliver timely, accountable results.
 - ◆ **Integrate Permit Requirements:** Integrate requirements and processes across regulatory agencies to eliminate redundancy and inconsistency.
 - ◆ **Enhance Regulatory Certainty:** Establish transparent procedures, clear criteria for permit approval, and accountable timelines for agency decisions — developed in direct partnership with water suppliers.

- ◆ **Streamline Pathways:** Create efficient pathways to advance multi-benefit, climate-resilient water supply projects.

- **Modernize Water Operations:** Advance operational approaches that reflect changing climate realities to improve water supply reliability across environmental, agricultural, and urban sectors. This may include coordinated reservoir management, flexible diversion rules tied to real-time hydrology, accelerated groundwater recharge and conjunctive use, expanded water transfers, and other adaptive strategies.
- **Strengthen Water Data and Science:** Invest in integrated, science-based statewide data systems and technology that improve transparency, inform real-time decisions, and strengthen regulatory and operational performance to increase efficiency and better manage water resources.



**DISCUSS AND APPROVE-
ADVERTISING RFP FOR PFAS
TREATMENT VESSELS &
OTHER EQUIPMENT**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: JULY 28, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
SUBJECT: APPROVAL OF RFP FOR PROCUREMENT OF PFAS ION EXCHANGE TREATMENT SYSTEM

Attached for the Board's consideration is a Request for Proposals (RFP) for the pre-purchase of a PFAS Ion Exchange Treatment System.

The RFP has been reviewed by the U.S. Environmental Protection Agency (EPA) and determined to be compliant with EPA grant requirements, including the Build America, Buy America (BABA) provisions. The EPA Project Officer assigned to the District's grant has inquired about our anticipated schedule for advertising the RFP, noting that the grant has been approved and the procurement process may proceed.

The EPA has also advised that the District may submit requests for reimbursement as soon as eligible invoices have been paid. Additionally, the District is not required to take immediate possession of the equipment, provided the procurement contract requires the successful bidder to store the equipment until it is needed.

Staff recommends that the Board approve the RFP to avoid potential delays in the project schedule and to maintain progress toward the timely implementation of the PFAS treatment project.

La Habra Heights County Water District



REQUEST FOR PROPOSAL FOR PROCURMENT OF PFAS ION EXCHANGE TREATMENT SYSTEM

(July 2026)

SPECIFICATION HWQ001

1271 N. Hacienda Rd.

La Habra Heights, CA 90631

INTRODUCTION

PFAS (Per-and Polyfluoroalkyl Substances such as PFOA and PFOS) has been detected in La Habra Heights County Water District's (LHHCWD) wells 10, 11, and offsite well's ground water. To address the removal of PFAS from the ground water for use as a potable water source, the well discharge waters are to be rerouted to a common treatment center at LHHCWD's wells 10 & 11.

LHHCWD is requesting proposals to prepurchase treatment system components and treatment resin media from qualified, interested firms (BIDDER) to provide single use ion exchange (IX) equipment system for the removal of PFAS to be installed at the well 10 & 11 site located at 7412 Norwalk Blvd Whittier, CA 90606. The pre-purchased equipment will be installed by a general contractor selected at a later time by the OWNER.

Proposals shall be submitted in accordance with the format and information contained herein and are submitted to:

Joe Matthews

Joe@lhhcwd.com

General Manager

La Habra Heights County Water District

Key dates for this RFP are listed below:

Questions Deadline: August 20, 2026

Responses Returned: August 23, 2026

RFP due: **September 29, 2026 5:00 PM**

Proposals received after the due date and time will not be accepted. The cost for preparing a proposal is at the expense of the BIDDER and will not be reimbursed by OWNER. Proposals deemed non-responsive will not be considered.

BACKGROUND INFORMATION

OWNER is constructing a new single IX system at OWNER's Well 10 & 11 site to treat water conveyed from OWNER's Wells 10, 11, and offsite wells. Copies of water quality records for the wells are included in this RFP for the BIDDERS to estimate the sizing the IX treatment system required to meet effluent levels goals set in this document.

The proposed IX PFAS treatment facility will treat water pumped from Wells 10, 11, and the offsite wells for a capacity of up to 6,000 gpm. The BIDDER shall assume the treatment system will receive up to 2000 gpm from each of the three water sources and have the capacity to meet treatment goals under varied configurations blended influent waters.

The proposed IX pressure vessel system shall be designed to function properly using various IX selective resin products, including Purolite Purofine A694E selective resin or any other IX resin products that with equal or greater effective qualities, and approved for use by the California Division of Drinking Water ("DDW"). Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site.

The system shall be designed to treat up to 6,000 gpm of water on a continuous basis using three sets of lead/lag system consisting of paired pressure 12-ft diameter vessels. The lead/lag system shall be sized to treat a flow of 2,000 gpm for each vessel pair. The equipment shall be approved by DDW for PFAS removal in drinking water systems. When the proposed equipment is loaded with IX resin media and operated at 6,000 gpm in the lead/lag vessels, the treatment system must consistently, and reliably, reduce PFAS concentrations in the effluent groundwater to non-detect (ND).

The IX system shall include three sets of lead/lag vessels and the lead/lag valve manifolds integral to the system as shown on the attached drawings:

- Figure 1: IX Vessels and Sections Layout
- Figure 2: P&ID

The BIDDER shall provide an anchoring design and structural calculations of the vessels and valve tree support prepared by a Professional Engineer registered in the State of California. A geotechnical investigation report of the project site has been prepared and included with this RFP for BIDDER reference.

The footprint area of the IX equipment, including the IX vessels, valve trees, and piping headers along with their supports and clearances to access process valves shall be provided by the BIDDER as shown in the drawings. Piping headers and supports are to be furnished and installed by the installation general contractor.

WATER REPLENISHMENT DISTRICT (WRD) OF CALIFORNIA REQUIREMENTS

Procurement of the equipment provided in this RFP will be conducted in a manner that promotes fair and open competition from an adequate number of qualified sources. Contractual selection will comply with competitive Procurement and Standards set forth in 2 CFR 200.317 – 2 CFR 200.327 and will also align with EPA's requirements outlined in EPA's Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements.

FEDERAL FUNDING REQUIREMENTS

BABAA Requirements:

Funding for this project include grants from the United States Environmental Protection Agency ("USEPA") Build America Buy America Act (BABAA). BABAA has requirements for iron, steel, manufactured products, and construction materials used in the project to have been produced in the United States to varying degrees. Bidders are encouraged to consult the USEPA BABAA online information page link below for guidance on documenting compliance of their products included in their bid proposal.

<https://www.epa.gov/cwsrf/build-america-buy-america-baba>

Equipment/materials in the BIDDER's proposal must comply with all requirements associated with BABAA, a waiver application will not be submitted.

The equipment/materials supplied are required to comply with BABAA for acceptance. Bidders shall clearly identify BABAA compliance of each equipment/material item in their proposals or items will be considered non-compliant by default when evaluating. **Attachment 1** of this RFP provides Instructions For Submitting Build America Buy America Act Certifications.

Any request for substitute or "or equal" shall include the Manufacturer's Certification of compliance with the BABAA requirements.

BABA requirements for a **manufactured product** is partially defined by BABAA in the excerpt below:

*"(2) all manufactured products used in the Project be produced in the United States – this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than **55 percent of the total cost of all components** of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation...."*

Bids received lacking conclusive documentation of meeting the BABAA requirements may not be considered for selection of prepurchased equipment in this RFP. All bids may be subject to review and acceptance by funding authorities for compliance with grant funding requirements.

AIS Requirements

BIDDER proposals must comply with American Iron and Steel (AIS) requirements. The BABA Act expands upon existing American Iron and Steel (AIS) requirements of State Revolving Fund (SRF) funded projects and requires that, in addition to iron and steel, all manufactured products, and construction materials for the project be produced in the United States. Appendix F of this RFP contains additional guidance on AIS compliance.

DBE Requirements

Proposals must comply with all requirements of Disadvantaged Business Enterprise ("DBE"). Respondent is required to provide the information for all DBE and non-DBE subcontractors, who provided a proposal, bid, quote, or were contacted by Consultant. Forms provided in Appendix G of this RFP are intended to assist the BIDDER with organizing the DBE information. This information must be submitted with the bid. Respondents, regardless of DBE status, are required to make good faith efforts to utilize minority firms, women's business enterprises, and labor surplus area firms if any subcontracts will be proposed as part of Respondent's proposal.

USEPA Funding Dependency

The selected supplier will be subject to the ability to gain USEPA BABAA acceptance of documentation for funding and the District reserves the right to reject proposals to prepurchase equipment where funding approval is not or cannot be gained.

PURPOSE OF THE RFP

The purpose of this RFP is to obtain proposals for furnishing single use fixed bed IX system equipment and PFAS selective resin media for the removal of PFAS from groundwater. The treatment system design will be subject to approval by the Environmental Protection Agency (EPA), OWNER, the DDW and others.

The successful BIDDER shall be responsible for furnishing and delivering the equipment to the treatment plant site. The equipment shall be unloaded by the installation general contractor selected by OWNER to install the treatment system. The BIDDER shall provide technical support for installation and start up, resin loading, inspect the general contractor's installation and provide a written letter confirming the installation meets all warranty requirements, and performance guarantees and warranties of PFAS treatment to ND for the proposals explicitly stated bed volumes.

The BIDDER must describe and provide time and material cost estimates for any additional level of support that may be needed. OWNER is not responsible for any costs (man-hours or materials) associated with the preparation of the proposal in response to this RFP.

The BIDDER shall include a **five percent Bid Bond** to guarantee that the BIDDER will, if its proposal is selected, fully execute an agreement with OWNER. Each bid shall be **valid for at least 90 days** after the bid opening. **Bid Bonds will be returned** after the full execution of an equipment supply contract, or **not later than 90 days** after the bid opening. The scope of supply shall include the following:

1. Three (3) pair sets of 12' diameter lead/lag vessels and related appurtenances including the lead/lag valve manifold and the instruments specified herein.
 - a. Pressure vessels shall be ASME rated to 150 PSI.
2. Sufficient DDW approved PFAS-selective resin media (**minimum of 535 cf per vessel**) for each vessel to meet treatment goals set forth in this RFP and to account for losses during initial startup and testing.
3. PFAS selective resin media shall be approved for use by DDW.
4. Structural design and calculations for anchorage of the treatment vessels and valve tree support to a concrete support pad prepared by a Professional Engineer registered in the State of California in the structural discipline.
 - a. A copy of the site geotechnical evaluation report is included with this RFP for reference.
5. BIDDER assistance to the OWNER's selected installation general contractor during construction, inspection of the installation, a letter explicitly stating the installation meets all warranty requirements, and BIDDER resin installation and startup and testing services.

PERFORMANCE CRITERIA

BIDDERS are directed to Appendix A of this RFP for reference water quality data.

OWNER has established the following basic performance criteria. These criteria shall be used by the BIDDER to prepare a proposal and will be used by the OWNER to evaluate the proposals and treatment system performance.

1. Treatment shall be to non-detect in the effluent of the PFAS treatment system. Water quality data from the source ground water wells is provided with this RFP.
2. Normal operating pressure to the pressure vessel inlet is anticipated at **100 psi**. Pressure vessels, piping, flanges, valving and appurtenances shall be rated to a minimum of 150 psi, greater where listed higher than 150 psi in this specification.
3. The normal total operating flow rate (design) for each individual lead/lag system shall be **2,000 gpm**, continuous operation. Information (e.g. a list and description of equipment to be provided, general arrangement drawings and elevations **with overall dimensions**, and an overall **process schematic**) shall be provided with the proposal for OWNER to identify the footprint requirements for the equipment to be provided and the limits of the scope of equipment being provided.
4. BIDDER shall provide a **detailed description of the instrumentation and controls** (controls, valves, meters, etc.) which must be included in the proposal. The rationale for the selected controls shall also be provided.
5. Each BIDDER shall submit with its proposal, a **proposed schedule** to manufacture and deliver all of the equipment. The final delivery date may be subject to negotiation.
6. Each BIDDER shall provide certification that all chemicals, coatings, or substances to be added to, or to be in contact with the water, if any are DDW accepted, or are certified to meet the criteria of AWWA, ANSI/NSF 60/61, NSF, California NSF 61, or Food Chemical Code publications.
7. Each BIDDER shall provide an **estimate of the full system pressure drop between the inlet flange and the outlet flange**. The BIDDER shall provide an estimate based on each vessel filled with 535 cf (or **more if deemed required by the BIDDER** to meet treatment goals) of PFAS selective resin in each vessel and operating up to 2,000 gpm. The BIDDER shall **determine the required bed depth of PFAS selective resin** for their proposed pressure vessel configuration to meet PFAS removal goals, **volumes of resin stated in this RFP are approximations only**. Provide the manufacturer and product of PFAS selective resin used to calculate the pressure drop shall also be specified.
8. Provide a detailed list of information on all PFAS IX treatment systems the BIDDER currently has in operation **in the State of California**. Include DDW permitting, and facility description. Identify differences between these operating systems and the proposed treatment system.

EQUIPMENT

PART 1

1.0 IX PFAS Treatment System Equipment

Accompanying this RFP is a process and instrumentation diagram drawing for reference, and a mechanical plan view, section view, and isometric illustration to demonstrate layout spacing constraints/requirements. The drawings illustrates a single pair-set of treatment vessels (3 pair-sets required).

The BIDDER should note the **requirement for pressure differential instrumentation** across each vessel influent/effluent piping.

The BIDDER should note a requirement for a **12-inch flanged magnetic flow meter** for each vessel pair-set (3 in total) to be shipped loose for installation by the OWNER's general contractor on the effluent from each pair-set of vessels.

The BIDDER should note the requirement for flanged molded spherical expansion joints with control rods, see mechanical drawings accompanying this RPP for locations required.

1.01 General Requirement

This section describes materials, fabrication, installation and testing of a complete pre-engineered IX PFAS Treatment System for the removal of PFAS from groundwater. The BIDDER shall supply the equipment in a preassembled form such that the installation contractor will require minimum assembly work at the site. The BIDDER is required to specify the maximum number of preassembled pieces for the lead/lag systems.

1.02 References

- A. ASME Section VIII, Division 1 – American Society of Mechanical Engineers Boiler and Pressure Vessel Code
- B. ASME/ANSI B16.5 – American Society of Mechanical Engineers/American National Standard Institute
- C. Steel Structures Painting Council Surface preparation Specifications and National Association of Corrosion Engineers
- D. ASME Section II, American Society of Mechanical Engineers – Materials, Parts A, B & C
- E. American Society of Testing Materials (ASTM) F. ANSI/NSF Standard Drinking Water System Components – Health Effects

1.03 System Description

- A. The complete system includes the following.

- a. IX vessels with internals for media retention
- b. Influent, effluent and backwash/rinse water inlet/outlet piping with valves
- c. Media fill and discharge piping with valves
- d. Vent and pressure relief piping
- e. Water piping and utility connections

B. The vessels, piping, valves, and PFAS selective resin media shall function as a system. The PFAS selective resin media shall be supplied under this RFP. Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site.

C. The IX system shall have the following process capability:

- a. Vessels per lead-lag train system: Two
- b. Resin media capacity per vessel: 535 cf (minimum). The capacity shall be calculated from above the septa.
- c. Flow rate per paired lead-lag vessel system: 2,000 gpm maximum.
- d. Pressure drop: 27 psig (max) per vessel pair system at 2,000 gpm while operating with a minimum 535 cf of PFAS-selective resin media per vessel. The BIDDER shall identify the pressure drop (influent flange of valve to effluent flange for a pair set of lead-lag vessels) with the type and volume of PFAS selective resin media required to meet non-detect treatment goals in their estimation.

D. The BIDDER shall determine the required bed depth of PFAS-selective resin for their proposed pressure vessel configuration to meet PFAS removal goals, volumes of PFAS-selective resin stated in this RFP are approximations only.

E. The installed system shall meet the following minimum design criteria:

Item Description	Unit	Value
Number of Systems / Vessels Per System	-	3 / 2
Operating Configuration	-	Parallel/Lead-Lag
Min Media Capacity (Volume per Vessel)	ft ³	535
Design Flow Rate (Overall / Per Vessel)	gpm	6,000 / 2,000
Max Flow Velocity in Manifold Piping	ft/s	5.8
Max Hydraulic Loading	gpm/ft ²	17.7
Min Empty Bed Contact Time (per Vessel / per train)	minutes	2 / 4
Underdrain	Internal Cone/External Ring Header	

1.04 Submittals

A. The following information will be submitted for approval:

- a. Description of the proposed system including flow, system design and operating modes.
- b. Vessel specifications and drawings including design pressure, dimensions, and capacity.
- c. System flow diagram showing all valves, components, instrumentation and utilities.
- d. System general arrangement showing dimensions, weights, and elevations including influent, effluent, backwash, and media exchange pipe connection locations. Specify the pressure drop per vessel. All drawings shall be provided in AutoCAD.
- e. Pressure drop information across the entire system with and without PFAS-selective resin media.
- f. Material specifications for resin, valves, pipe, fittings, and instrumentation.
- g. Specifications for internal lining of the vessels and piping.
- h. Specifications for exterior painting of the vessels and piping.
- i. Installation and assembly information and drawings for use by the site contractor to install the equipment.
- j. Specifications and layout for anchorage of all equipment and pipe supports.

PART 2 Products

2.01 General

A. The RFP includes the required features of the equipment but does not purport to cover all details of design and construction required to meet treatment specification requirements. Materials listed are the minimum criteria required. Where required to meet the pressure rating or other listed criteria the BIDDER shall provide more stringent materials or equipment to comply. The table identifies key vessel construction requirements:

Parameter	Description
Vessel Diameter	12 ft
Side Shell Height	BIDDER to determine requirements
Overall Height	BIDDER to determine requirements
Working Pressure	150 psi @ 140°F
Manway:	
Flanged at Side Shell	24"
Elliptical Type at Head	14"x18"
Vessel Volume	BIDDER to determine requirements
Maximum Flow Rate (Typical)	2,000 gpm
Design Criteria	150 psi ASME
Code Stamping	YES
Material	Carbon Steel
Supports (4 per Vessel)	Legs
Lifting (2 per Vessel)	Lifting Lugs
Seismic	Site Class D, Importance factor 1.5 See Appendix C for complete site geotechnical report
Interior Surface Prep	SSPC-SP5
Inferior Surface Coating	Plasite 4110, 35-45 mil dft or Equal
Exterior Surface Primer	Epoxy, 4-6 mil dft
Exterior Surface Coating	Urethane, 3-5 mil dft
Underdrains/Overdrains Underdrain:	
Internal Cone or Septa Screens High Flow Overdrain	*8" Sch. 40 Carbon Steel (min) 316L Stainless Steel Dia x 12" eff Sch 10 304SS (min)
Valve Assembly and Piping:	
Process Piping	*10" Sch 40 Carbon Steel (min)
Media Transfer Piping	4" Sch 40 Lined Carbon Steel (min)
Valves:	
Process Media Transfer Vent/Wash Sample Ports (4)	*10" Butterfly (min), Cast Iron Body, DI Disc, Gear Operator 4" Flanged 316 Stainless Steel Full Port Ball Valve 2" Lead-Free Bronze Ball Valve 1/2" Lead-Free Bronze Ball Valve
Connection Hardware	Hot-Dip Galvanized

* BIDDER to determine process piping diameter requirements to meeting max headloss criteria.

2.02 IX Vessels

A. The vessels shall be fabricated of carbon steel, conforming to ASTM A516 grade 70, 12'-0" diameter with a straight side height (5 ft min) to be determined by the BIDDER to achieve treatment and functionality goals with 2:1 elliptical top and bottom heads. The vessels must be designed, constructed and stamped in accordance with ASME Section VIII, Division 1 and registered with the National Board for a design pressure rating of 150 psig at 140 °F. Each vessel shall be provided with one (1) 20" diameter round manway located on the lower straight side portion of the vessel and one (1) 14-inch x 18-inch elliptical access at the top.

B. The straight side height shall be based on PFAS selective resin capacity a minimum of 535 cf capacity. The BIDDER shall determine the required bed depth of PFAS selective resin for their proposed pressure vessel configuration to meet PFAS removal goals, volumes of PFAS selective resin and vessel dimensions stated in this RFP are approximations only indicating the minimum requirements.

C. The successful BIDDER shall include a vessel anchoring system design including detailed calculations illustrating the seismic characteristics of the proposed vessels and valve tree and their reactions to the foundation Stamped by California Registered Civil Engineer. The vessel manufacturer shall assume the vessel operating weight is that of the empty vessel plus the weight of water and PFAS selective resin media fully filling the vessel. The manufacturer shall use the seismic factors for design from the site geotechnical report. Seismic design is assumed to control the lateral loading of the vessels and therefore wind criteria is not provided. See Table 3 page 10 of the geotechnical report in Appendix C for seismic design parameters.

D. Each vessel must be equipped with 316 stainless steel media retainers for treated water collection and backwash water introduction.

E. The water distribution header and laterals at the top of the PFAS selective resin bed shall be fabricated of stainless steel with stainless steel nozzles.

F. Each vessel shall be provided with three (3) 2" side sample nozzles for use with in-bed water sample probes at 25%, 50% and 75% of the media bed depth. Sample probes must consist of a 1/2" stainless steel pipe with a stainless-steel slotted nozzle to collect a water sample from within the media bed. The slot opening for nozzle shall be such that the specified PFAS selective resin media does not leak into the sample pipe. The sample probes will be inserted through a 2" flanged nozzle (flanged nozzle to assure adequate coverage of the internal lining) and include a drop line and shutoff valve external to the vessel. All components for the sample line shall be stainless steel.

G. All surfaces will be degreased prior to sandblasting. The vessel internal surface to be lined will be blasted to a white metal surface (SSPC-SP5) to provide a 3 to 4 mil anchor pattern. The exterior of the vessel will be power tool cleaned to the degree specified by SSPC-SP3-63.

H. The interior surfaces of each vessel are to be lined with a nominal 35 mil dry film thickness using Carboline Plasite 4110 vinyl ester lining materials or approved equal. The lining will be force cured to meet requirements for certification for use in potable water systems per NSF/ANSI Standard 61.

I. The exterior surface of the vessels will be painted to a dry film thickness of 6 to 8 mils with a finish coating of polyurethane exterior paint. The color of the exterior paint shall be selected by the owner.

2.03 Process and Utility Piping

A. The process and utility piping on the system will include influent water to the system, treated water, backwash/rinse water supply and discharge. These items constitute the piping associated with the valve tree. Also included are the vessel vent lines, and media fill and discharge piping. The influent and effluent pipe network must allow for series (lead/lag) and parallel operating modes. The lead/lag operation allows for either; a) flow from the influent flange, to Vessel A, to the pipe module, to Vessel B, to the pipe module then to the effluent flange, or b) flow from the influent flange, to Vessel B, to the pipe module, to Vessel A, to the pipe module then to the effluent flange. The change in flow pattern is accomplished with a change of valve positions.

Forward rinse water will utilize the filters raw groundwater with a valving configuration to send the forward rinse water waste stream to the onsite storm drain connection. The valve tree design shall have three tee connections which will connect the valve tree inlet, outlet, and forward rinse discharge to the corresponding laterals. The BIDDER is responsible for just the valve tree, support and anchoring system, associated piping, and the following:

a. One 12-inch #150 flanged magnetic flow meter to be installed by the treatment system installation general contractor on the 12-inch effluent lateral from each of the 3 vessel pair sets (Three 12-inch magnetic flow meters total). The BIDDER shall provide the flow meter to the OWNER's installation general contractor for installation on the piping laterals. The flanged magnetic flow meter shall be as by **McCrometer Ultra Mag series with remote counter, no or equal will be considered.**

The OWNER's installation general contractor will furnish and install the pipe laterals that extend from the BIDDER's treatment system valve tree flanged connections.

b. Process water piping (inlet and outlet) will be constructed of schedule 40 carbon steel, ASTM A53 Grade B materials with 150 lb ANSI B16.5 ASTM A105 forged carbon steel, slip-on or weld neck (flat or raised face) flanges with ASTM A126 cast iron 150# flanged elbow and tee fittings.

c. Vent and safety relief piping will be 3" diameter, constructed of carbon steel per Item b.

d. Media fill and discharge piping will be schedule 10S stainless steel, ASTM A-312 Grade TP 304L, welded, annealed and pickled, with ASTM A-403 Grade WP 304L stainless steel, ANSI B16.9 butt weld fittings and ASTM A-182 Grade F 304 forged stainless steel 300# ANSI B16.5 raised face slip-on or weld neck flanges.

e. Utility piping will be constructed of threaded schedule 80 carbon steel, ASTM 53 Grade B materials. Include flanged molded spherical expansion joints with control rods, **Proco Style 242** or equal, see mechanical drawings accompanying this RPP for locations required.

f. All exterior carbon steel piping surfaces installed above grade shall comply with the latest revision of either AWWA Standard C-210 (liquid epoxy) or AWWA Standard C-213 (fusion bonded epoxy). All pipe and fittings shall be completely coated

g. All interior surfaces of carbon steel water piping installed above grade shall comply with the latest revision of either AWWA Standard C-210 (liquid epoxy) or AWWA Standard C-213 (fusion bonded epoxy). All pipe and fittings shall be completely lined. Lining shall comply with NSF 61 and California NSF 61 standards.

h. The valve tree must include a structural steel support frame for support of the piping and valve network. The valve tree shall have three levels (water inlet, treated water outlet, and forward rinse water out). The valve tree support shall be provided with anchoring hardware by the BIDDER with design drawings and calculations for anchoring systems prepared by a Professional Engineer registered in the State of California.

2.04 Process and Utility Valves

A. The process and utility piping; excluding media fill and discharge piping, will be equipped with butterfly valves for flow control. Flanged butterfly valves are required to accommodate the process and forward rinse control functions for each valve tree of a vessel pair-set.

B. The influent, effluent, vent and forward rinse water control valves will be a ductile iron wafer type body butterfly valve with aluminum-bronze disc, BUNA-N seats and stainless-steel shaft to mate to 150 pound ANSI flanges. The valves must be rated for 150 psig in closed position at 180 °F, and meet or exceed the latest AWWA specification C504. **The valves shall be provided with gear-operated hand wheels.** All painting and coating for the valves shall be NSF 61 certified. Butterfly valves shall be **as by Pratt Series 2FII or approved equal.**

a. Valve bodies shall be constructed of ASTM A126, Class B cast iron for flanged valves or ASTM A48, Class 40 for wafer style. Flanged valves shall be fully faced and drilled in accordance with ANSI Standard B16.1, Class 125.

b. Rubber body seats shall be of one-piece construction, simultaneously molded and bonded into a recessed cavity in the valve body. Seats may not be located on the disc or be retained by segments and/or screws. For wafer style valves, the seat shall cover the entire inner surface of the valve body and extend over the outside face of the valve body to form a flange gasket.

c. Valve bearings shall be of a self-lubricating, nonmetallic material to effectively isolate the disc-shaft assembly from the valve body. Metal-to-metal thrust bearings in the flow stream are not allowed.

d. The disc shall be a lens-shaped design to afford minimal pressure drop and line turbulence. Materials of construction shall be ASTM A126, Class B cast iron disc with a stainless-steel type 316 edge. Discs shall be retained by stainless steel pins, which extend through the full diameter of the shaft to withstand the specified line pressure up to valve rating and the torque required to operate the valve. Disc stops located in the flow stream are not allowed.

e. Valve shafts shall be of stainless steel type 304. At the operator end of the valve shaft, a packing gland utilizing "V" type chevron packing shall be utilized. "O" ring and "U" cup packing is not allowed.

f. All surfaces of the valve interior shall be clean, dry and free from grease before painting. The valve surfaces except for disc edge, rubber seat and finished portions shall be evenly coated with fusion bonded epoxy in accordance with AWWA Standard C504. The exterior valve surfaces and actuator shall be evenly coated with a suitable primer to match field coatings.

g. Hydrostatic and seat leakage tests shall be conducted in strict accordance with AWWA Standard C504.

h. The manufacturer furnishing valves under the specification shall be prepared to provide Proof of Design Test reports to illustrate that the valves supplied meet the design requirements of AWWA C504.

i. Manual actuators shall be of the traveling nut, self-locking type and shall be designed to hold the valve in any intermediate position between fully open and fully closed without creeping or fluttering. Actuators shall be equipped with mechanical stop-limiting devices to prevent over travel of the disc in the open and closed positions. **Actuators shall be fully enclosed and designed to produce the specified torque with a maximum pull of 50 lbs.** on the hand wheel or chain wheel. Actuator components shall withstand an input of 450 ft. lbs. at extreme operator position without damage. Manual actuators shall conform to AWWA C504. Manufacturer to **provide chain wheels on all valves located at a height of 4'-6" and above** measuring from the base of the vessel leg plates to the centerline of the wheel.

C. Air release valves shall meet AWWA C512, #150 flanged, combination air release/vacuum, NSF 61 certified.

D. Pressure relief shall be provided by a **3" pressure relief valve** designed to relieve pressure at the maximum allowable working pressure (MAWP) of the vessel. The pressure relief valves will be mounted on the vessel. A total of **two (2) will be provided for each lead/lag system.**

E. The media fill and discharge valves will be 4" diameter full port ball valves, 316 stainless steel construction with TFE seats and seals. A total of four (4) valves are required, two (2) for fill and two (2) for discharge. Alternate approved materials for media fill and discharge lines will be acceptable.

F. Utility valves for the compressed air supply will be bronze or brass or bar stock brass body regular port ball valves.

G. All valve actuators shall be equipped with stainless steel tags embossed with the valve tag identifier raised lettering/numbering corresponding to the process and instrumentation diagram. Provide stainless steel cable/wiring to attach valve tags to their associated valve actuator.

2.05 Instrumentation

A. Each vessel shall be provided with an electronic differential pressure transmitter to communicate the DP signal to the OWNER's SCADA system via a 4-20 mA output. DP transmitter shall be **Rosemount Series 2051C** or approved equal. BIDDER shall provide all tubing, mounting brackets and attachment accessories for a complete function system. The OWNER's installation general contractor will be responsible for cabling and conduit from the BIDDER's DP transmitter to the OWNER's SCADA system interface. A total of two (2) differential pressure instruments will be provided for each of the three (3) lead/lag systems.

B. The process piping will be equipped with analog pressure gauges to indicate the pressure entering and exiting each vessel and to provide information on the pressure drop across each vessel and the system. The pressure gauges will have a 4 ½" face diameter with a stainless-steel bourdon tube in a glycerin filled housing (1 to 150 psig range) and isolation valve. A total of three (3) will be required for each lead/lag system.

C. Necessary tubing, valves and fittings shall be provided to connect gauges to the indicated pipelines. Each gauge shall be equipped with two valves. One valve for isolation and the other for sampling/air relief.

2.06 Miscellaneous

A. The media fill and discharge lines will be fitted with hose connections, such that media transfer to and from the vessels can be facilitated using transfer hoses. These connectors will be 4" Quick Disconnect Adaptors constructed of corrosion resistant materials (nylon) as manufactured by Dover Corp. as Kamlock connectors or approved equal.

B. Two (2) flush connections will be provided on each media fill line, one upstream and one downstream of the valve. One (1) flush connection will be provided on each media discharge line, downstream of the valve. The connections will be welded into the stainless-steel pipe. Flush connections will consist of a short section of ¾" pipe, a ¾" full port ball valve and a ¾" quick disconnect adaptor to match with water hose fittings.

C. Anchorage requirements for the valve tree pipe support shall be specified by the BIDDER and all anchor bolts necessary for installation shall be provided by the BIDDER. Anchor bolts shall be Hilti Series RE-500 and shall be made of ASTM F593 stainless steel.

D. Provide 12-inch x 12-inch x 30 mils **flexible magnetic signs** with UV resistant die cut vinyl with red 6-inch lettering stating "LEAD" (provide 3 signs) and "LAG" (provide 3 signs).

2.07 PFAS-Selective Resin Media Product

A. The BIDDER shall provide and deliver to the project site sufficient PFAS selective resin media to meet resin bed depths shown in the BIDDER's reviewed and approved shop submittal, plus additional resin media to account for losses during startup and testing.

B. The PFAS selective resin media product shall be approved by the California DDW for use in removing PFAS from ground water for potable water production purposes. Alternate PFAS selective resin media types proposed by the BIDDER as an equal substitution must be approved the California Division of Drinking Water ("DDW").

C. The PFAS selective resin media shall exhibit the following characteristics:

PFAS Selective Resin Media Characteristics	
Polymer Structure	Polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Complex Amino
Mean Diameter	675±75µm
Uniformity Coefficient (max.)	1.3
Specific Gravity	1.05
Shipping Weight (Approx)	650-750g/L (40.6-43.8lb/ft ³)
Temperature Limit	100°C (212.0°F) (Cl ⁻ form)
Temperature Limit	60°C (140.0°F) (OH ⁻ form)

Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site. The PFAS selective resin media shall be Evoqua PRS2+ or DDW approved equal.

PART 3 Media Installation

- 1) Fill ½ of the vessel with filtered ground water.
- 2) Load ½ of the resin volume into the vessel.
 - a. Forward rinse the resin bed for 15-20 minutes to remove fines from the bed.
 - b. Let bed settle and drain to 10 cm (4 inches) above top of resin bed.
 - c. Determine the resin volume.
 - d. Repeat the procedure with the second half of the resin.
 - e. Confirm the specified volume resin has been installed.
 - f. Determine the pressure drop and confirm its measurement is within submitted tolerances.
- 3) Use supplier's standard method for loading of resin into the vessels.

I. PROPOSAL REQUIREMENTS

To allow for effective OWNER review, the proposal should be limited to no more than fifteen (15) pages excluding the cover letter, table of contents, general layout drawings (plan view and elevation view), overall process schematic, and a brief summary of the BIDDER's qualifications. The proposal shall contain the following information:

1. A description of BIDDER's detailed relevant experience and a description of any recently completed similar projects. Provide client references and telephone numbers for the listed projects.
2. Provide a firm schedule (in Gantt chart format) showing the various major stages of manufacturing, equipment delivery, and equipment testing. Identify key milestones, meetings and review periods. The contract with the successful BIDDER will include late fees of \$1000.00 per day for each and every calendar day of unauthorized delay for delivery of the equipment.
3. General layout drawings (plan view and elevation view) for the equipment must be provided. Sizing information, including elevations for all equipment, should also be included. An overall process schematic identifying the limits of the scope of the equipment to be supplied should be provided, including piping, valves, electrical and controls. BIDDER shall furnish all electrical and instrumentation required for the treatment system. Overall plant controls, connecting the treatment system to the general plant controls will be provided by others.
4. Each BIDDER shall furnish with their proposal the following information as a minimum:
 - a. General arrangement showing the footprint of the lead/lag equipment along with the valve manifold.
 - b. P&ID showing all pipe sizes, valve tag identifiers, and instruments
 - c. Details showing the size and orientation of the nozzles for the vessel
 - d. Profile of the IX vessel indicating the overall height, length of the straight side wall, freeboard, volume of the vessel (cubic feet).
 - e. Calculations showing the vessel volume required for a minimum 535 cf of PFAS selective resin media.
 - f. Details of the water distribution manifold at the top of the vessel
 - g. Details of the bottom manifold including the septa connection.
 - h. Location of the 25%, 50% and 75% sample nozzles for a minimum of 535 cf of PFAS selective resin media installed in the vessel.
 - i. Screen size opening for the septa (inches).
 - j. Total open area in square inches per septa.

k. Pressure drop for lead/lag system at 2,000 gpm with PFAS selective resin media. Specify the PFAS selective resin product used to calculate the pressure drop.

l. Plan and profile of lead/lag valve manifold indicating the levels of various pipes.

m. Number of preassembled pieces for each lead/lag IX system

n. The BIDDER shall determine the required bed depth of PFAS selective resin media for their proposed pressure vessel configuration to meet PFAS removal goals, volumes of resin stated in this RFP are approximations only.

5. Execute the attached BIDDER's Signature Page.

6. The BIDDER shall provide a written and notarized IX Treatment Capacity Performance Guarantee of the number of treated bed volumes of groundwater (in gallons) before breakthrough occurs for a single treatment vessel, per Task1 requirements in Section II Scope of Services of this RFP.

7. Provide the cost for each item of work listed on the Bid Schedule attached hereto.

8. The BIDDER shall provide a written acknowledgement on company letterhead of the ability to comply with all Specification and Task requirements as identified in the RFP should they be selected for contract award.

II. SCOPE OF SERVICES

The BIDDER will be required to participate in **bi-weekly project teleconferences** for status updates, review current state of submittal plans, schedule updates, installation updates, and general project coordination. Teleconference meetings will be coordinated by OWNER and expected to last **1 hour for the project duration** of design/fabrication, installation, and startup.

The general scope of services is identified in the following tasks:

Task No. 1: System Design, Manufacture, and Delivery

The successful BIDDER shall design, manufacture, and deliver the IX PFAS treatment and pretreatment system equipment to OWNER's Well 10 & 11 located at 7412 Norwalk Blvd, Whittier CA 90606-2152. All BIDDERS shall specify the number of calendar days required from the date of the Notice to Proceed, to design, manufacture and deliver all equipment to the job site.

Task-1 includes the BIDDERS cost to supply and install the PFAS selective resin into the installed treatment system vessels, including resin installation costs for equipment, materials, and labor. The BIDDER shall coordinate with the installation contractor to schedule and install the resin media following the BIDDER's inspection of the treatment system and deeming the installation in compliance with all warranty requirements.

Submittals: Within 28 calendar days from the date of the Notice to Proceed, the successful BIDDER must furnish OWNER an equipment submittal (drawings, specifications, calculations, materials of construction, etc.) for review and approval of the design prior to the start of manufacturing. The submittal shall contain manufacturer catalog sheets for all major equipment and instrumentation, including valves, pressure gauges, NSF certification of materials, coatings/linings, and structural calculations. The initial submittal shall contain a listing additional system materials and equipment omitted and a schedule for submission of the remaining submittals. The submittal shall be tabbed to clearly delineate the various materials and equipment by section.

Mechanical and process and instrumentation drawings must be submitted in both PDF and **Autocad electronic format**. The drawings shall be developed to the specific requirements of this RFP, supplier off-the-shelf standard model drawings will not be acceptable.

Included in the allowed time shall be a 7-calendar day period for OWNER to review the equipment submittal. The successful BIDDER shall work with OWNER's design engineer during design and OWNER's construction contractor during installation to coordinate layout, instrumentation and controls equipment selection, delivery schedule, and proper installation. In addition, as part of the design process, the successful BIDDER must furnish all necessary design information, plans and specifications for the equipment design prior to the start of manufacturing.

The treatment system design shall include recommended layouts of the equipment, a suggested control strategy, and process and instrumentation diagrams P&IDs for the equipment, which shall clearly show all process piping and valves required for operation of each individual system. The P&IDs shall clearly identify the limits of the equipment to be supplied by the treatment system

manufacturer and the scope of work and supply for the installation contractor. The successful BIDDER shall procure or fabricate any system components without a reviewed and approved submittal from OWNER and its design engineer.

The successful BIDDER must include a warranty of materials and workmanship for the treatment system for a period of one year from the date of OWNER acceptance of the equipment or 24 months from the date of delivery of all equipment. The successful BIDDER shall include drawings in AutoCAD and PDF format with sufficient detail for construction and assembly of all supplied equipment. The system configuration shall be compatible with adjoining piping and equipment. Flanged connection points for the raw water supply, treated water discharge, and other connections shall be identified for use by OWNER in preparing the site design. The system must be designed to conform to the physical criteria listed above in the Background Information, including all connections to support systems and foundations. The system design must also comply with all applicable codes and standards (e.g. piping and connections, materials, anchorage, electrical, etc.).

Warranty and Guaranty:

Warranty and Guarantee Definitions:

“Breakthrough” shall be defined as the point in time when a single IX treatment system vessel effluent water quality changes from non-detect to detect for PFAS in measurements.

“Early breakthrough” of PFAS shall be defined as the detection PFAS in the effluent of a single IX treatment vessel prior to the BIDDER’s guaranteed treatment capacity in terms of treated IX bed volumes, in units of gallons treated.

Water quality data collected by the OWNER from the well sites provides PFAS measurements from recent years and is included as Appendix-A of this RFP. The BIDDER shall utilize the water quality data, in part, to determine their treatment system configuration in a manner to meet treatment requirements of this RFP.

Influent water to the IX treatment system will be pretreated using cartridge filters to be supplied and installed by OWNER’s installation general contractor. The pretreatment filters will protect the IX system from unwanted particles or solids greater than 5 micron in size.

The BIDDER shall provide an IX Treatment Capacity Performance Guarantee on meeting a treatment capacity of no early breakthrough of PFAS in any one of the supplied IX vessels at the rated capacity at up to a 2,000 gpm/vessel maximum flowrate in terms of the number treated bed volumes of water.

The BIDDER shall base the PFAS breakthrough point estimate in terms of treated bed volumes conservatively referring to water quality analysis reports data provided with this RFP and the capabilities of their treatment system design. The BIDDER shall provide a written and notarized IX Treatment Capacity Performance Guarantee of the number of treated bed volumes of groundwater (in gallons) before breakthrough occurs for a single treatment vessel requiring PFAS selective resin media replacement.

Table-1 lists PFAS species select water quality data from 2022 to 2024 for the offsite Well 8, and the onsite Well 10 and Well 11 from the Appendix-A water quality data. The BIDDER is responsible for reviewing all water quality data in Appendix-A and should not rely solely on the select data in Table-1.

RFP Table-1
LHHCWD Water Quality Data
Select Water Quality Data 2022 - 2024

CA1910218_005_005 CA1910218_005_005 CA1910218_005_005 CA1910218_005_005 CA1910218_005_005 CA1910218_005_005

	Well 8		Well 8		Well 8		Well 8	
	5/16/2022	4/24/2023	11/13/2023	4/9/2024	7/9/2024	7/9/2024	7/9/2024	7/9/2024
PFBA	nd	10.0	9.3	10.0	9.8	9.8	9.8	9.8
PFBS	7.9	7.6	7.6	6.6	8.9	8.9	8.9	8.9
PFHxA	3.5	4.2	nd	8.00	10.0	10.0	10.0	10.0
PFHxS	3.4	4.2	3.5	2.4	3.8	3.8	3.8	3.8
PFNA	2.4	2.7	2.3	nd	2.0	2.0	2.0	2.0
PFOA	9.3	8.7	7.6	8.2	10.0	10.0	10.0	10.0
PFOS	22.0	20.0	17.0	13.0	16.0	16.0	16.0	16.0
PFPeA	nd	5.2	9.9	10.0	13.0	13.0	13.0	13.0
PFHpA	nd	nd	1.9	2.1	2.3	2.3	2.3	2.3

* ppt

CA1910218_009_009 CA1910218_009_009 CA1910218_009_009 CA1910218_009_009 CA1910218_009_009 CA1910218_009_009

	Well 10		Well 10		Well 10		Well 10	
	5/16/2022	4/24/2023	11/13/2023	4/9/2024	7/9/2024	7/9/2024	7/9/2024	7/9/2024
PFBA	nd	9.7	9.8	11.0	11.0	11.0	11.0	11.0
PFBS	6.8	7.0	7.3	8.1	8.1	8.1	8.1	8.1
PFHxA	3.2	4.4	6.0	6.6	6.9	6.9	6.9	6.9
PFHxS	5.0	4.9	4.8	4.8	5.1	5.1	5.1	5.1
PFNA	2.6	2.8	2.6	2.8	2.1	2.1	2.1	2.1
PFOA	11.0	11.0	11.0	13.0	12.0	12.0	12.0	12.0
PFOS	29.0	27.0	25.0	27.0	24.0	24.0	24.0	24.0
PFPeA	nd	5.7	7.8	8.6	9.2	9.2	9.2	9.2
PFHpA	nd	1.8	1.8	2.4	2.2	2.2	2.2	2.2

* ppt

CA1910218_010_010 CA1910218_010_010 CA1910218_010_010 CA1910218_010_010 CA1910218_010_010 CA1910218_010_010

	Well 11		Well 11		Well 11		Well 11	
	5/16/2022	4/24/2023	11/13/2023	4/9/2024	7/9/2024	7/9/2024	7/9/2024	7/9/2024
PFBA	nd	10.0	7.6	9.0	9.3	9.3	9.3	9.3
PFBS	6.6	6.6	5.6	7.0	7.7	7.7	7.7	7.7
PFHxA	1.8	4.9	5.9	6.8	7.6	7.6	7.6	7.6
PFHxS	4.5	4.4	4.7	4.4	5.5	5.5	5.5	5.5
PFNA	2.6	2.8	2.1	2.5	2.6	2.6	2.6	2.6
PFOA	12.0	12.0	11.0	12.0	13.0	13.0	13.0	13.0
PFOS	31.0	31.0	30.0	26.0	30.0	30.0	30.0	30.0
PFPeA	nd	6.7	7.00	nd	9.1	9.1	9.1	9.1
PFHpA	1.8	1.9	nd	2.1	2.3	2.3	2.3	2.3

* ppt

CA1910218_005_005
Well 8

	Max	Min	Avg
PFBA	10.0	6.6	9.8
PFBS	8.9	3.5	7.7
PFHxA	10.0	2.4	6.4
PFHxS	4.2	2.0	3.5
PFNA	2.7	7.6	2.4
PFOA	10.0	13.0	8.8
PFOS	22.0	5.2	17.6
PFPeA	13.0	1.9	9.5
PFHpA	2.3	0.0	2.1

* ppt

CA1910218_009_009
Well 10

	Max	Min	Avg
PFBA	11.0	6.8	10.4
PFBS	8.1	3.2	7.5
PFHxA	6.9	4.8	5.4
PFHxS	5.1	2.1	4.9
PFNA	2.8	11.0	2.6
PFOA	13.0	24.0	11.6
PFOS	29.0	5.7	26.4
PFPeA	9.2	1.8	7.8
PFHpA	2.4	0.0	2.1

* ppt

CA1910218_010_010
Well 11

	Max	Min	Avg
PFBA	10.0	5.6	9.0
PFBS	7.7	1.8	6.7
PFHxA	7.6	4.4	5.4
PFHxS	5.5	2.1	4.7
PFNA	2.8	11.0	2.5
PFOA	13.0	26.0	12.0
PFOS	34.0	6.7	30.2
PFPeA	9.1	1.8	7.6
PFHpA	2.3	0.0	2.0

* ppt

All on-site and off-site wells can be directed to the new IX treatment system in any combination, with a maximum flowrate to the IX treatment system of 6,000 gpm. Therefore the concentration of PFAS in the IX treatment system influent will vary depending the configuration of operating wells. In determining the PFAS IX treatment system design, at a minimum the BIDDER shall consider up to a 20% increase in PFAS species levels in the groundwater could occur, in conjunction with the maximum water quality data provided in this RFP.

Early breakthrough of PFAS through a single treatment vessel shall be warranted for the guaranteed treatment capacity of resin bed volumes (in gallons) after acceptance of the treatment system installation by OWNER. All costs for inspections, meetings, or additional materials, PFAS selective resin media, or equipment and labor to resolve an early breakthrough failure and bring the IX vessel(s) back into treatment compliance with project PFAS removal goals, shall be at the expense of the BIDDER.

Post-acceptance of the treatment facility by OWNER and upon notification by OWNER of early breakthrough occurring on a treatment vessel(s), the BIDDER shall promptly coordinate a visit to the site and evaluate the subject treatment vessel(s). The BIDDER shall prepare a written report to OWNER of the site visit findings and provide recommendations to bring the treatment vessel back in compliance with project PFAS removal goals.

The BIDDER's treatment system guarantees and warranties shall be provided on company letterhead and signed by authorized officer of the BIDDER. During the guarantee period, if any part or equipment component is defective or fails to perform when operating at design conditions, the BIDDER shall repair or exchange such defective part(s).

Task-1 Deliverables:

- 1) Design and equipment/material submittals for review and resubmittals.
- 2) Autocad dimensioned and scaled drawings of mechanical components and P&IDs including:
 - i. Plan view
 - ii. Isometric view
 - iii. Section view right
 - iv. Section view left
 - v. Section view front
 - vi. Section view back
 - vii. Anchoring details vessels
 - viii. Anchoring details valve tree
- 3) Equipment and materials submittals

- 4) Anchoring calculations and design drawings for vessels and pipe/valve tree support stamped and signed by a Professional Engineer in the Structural discipline registered in California
- 5) Equipment delivered to the job site:
 - a. Ready to assemble PFAS 6,000 GPM rated IX treatment system
 - b. Instrumentation:
 - i. Three (3) 12-inch flanged magnetic flow meters
 - ii. DP transmitters (one per vessel, 6 total)
- 6) Approved PFAS selective resin media to fill vessels and with sufficient excess to account for startup and testing losses
- 7) Notarized BIDDER's IX Treatment Capacity Performance Guarantee in terms of treated bed volumes of water prior to breakthrough of PFAS occurring
- 8) BIDDER's Treatment System Warranty – 24 months from installation startup
- 9) BIDDER plan to provide equipment, materials, and labor for installation of the BIDDER provide PFAS selective resin.
- 10) Operation and Maintenance Manuals

Task No. 2: Storage, Field Support During Delivery and Installation

The successful BIDDER shall provide protected storage of the fabricated treatment system at their facility until required for installation at the project site.

The successful BIDDER shall provide field support and general oversight of the loading, delivery, and installation of the equipment during construction of the facility. Field support will consist of a combination of site visits, virtual meetings, written and verbal instructions. Adequate field support must be provided to allow the BIDDER to certify the installation to be satisfactory and compliance with all warranty requirements. Any field issues or questions will be resolved to the satisfaction of OWNER. Field support shall include verification of proper handling, setting, and anchorage of the vessels, and general oversight of the delivery and installation. The successful BIDDER shall document all hours spent by the successful BIDDER in providing field support. A tabulation of hours shall be submitted to OWNER on a weekly basis.

Task-2 Deliverables:

- 1) Written instructions and diagrams to aid the OWNER's installation general contractor
- 2) Onsite technician field services to guide OWNER's installation contractor with delivery and assembly of the IX system
- 3) Weekly tabulations of work hours extended

Task No. 3: System Inspection, Startup and Testing

The BIDDER shall inspect the installed system and provide the OWNER letter stating the system installation complies with all warranty requirements. The successful BIDDER shall provide field support and general oversight of the general contractor during the initial startup of the treatment system. **The BIDDER shall actively install the resin providing equipment, materials, and labor require for the resin media installation.** Assistance from the OWNER's general contractor will be provided to actuate valves, well pump operations, assist with forward rinse water disposal, and enforcement of site safety protocols.

Initial startup shall be conducted with PFAS selective resin media loaded in the vessels. The field support shall assist in trouble shooting the system of any anonymous results. System startup support shall include both written and verbal instructions to the installation contractor, identifying slow filling rates of vessels, initial flush to waste, sampling, and trouble shooting. The successful BIDDER shall document all hours spent by the successful BIDDER in providing system startup field support. A tabulation of hours shall be submitted to OWNER.

Task-5 Deliverables:

- 1) Letter stating onsite inspection of the system complies with all warranty requirements.
- 2) Onsite technicians field services for resin installation and assist with startup and testing
- 3) The successful BIDDER will submit a startup and testing plan for OWNER review 1 week prior to testing.

Task No. 4: OWNER Operations Staff Training

Upon acceptance of the treatment system by OWNER, the successful BIDDER shall provide OWNER with 10 copies of Operation and Maintenance Manual in 3-ring binders acceptable to DDW for the system. The BIDDER shall revise the Operation and Maintenance Manual based on any DDW revision comments. The successful BIDDER will recommend and provide OWNER personnel with a training program and lead an 8-hour onsite training workshop that will adequately prepare facility operators to maintain compliance with the system warranty.

Task-5 Deliverables:

- 1) Onsite training session for OWNER operations staff

III. PAYMENT

Payment for the equipment and services furnished by the successful BIDDER will be paid in accordance with a payment schedule as follows:

- 10% on Award of Contract
- 25% on final Approved Submittals
- 15% on Delivery to the job site
- 20% on Media Delivery/Installation, and Successful Startup and Testing

A payment schedule shall be included in the proposal.

IV. QUESTIONS

If you have any questions regarding this RFP, please respond in writing to:

Steven Walker
Civiltec Engineering
440 N Mountain Ave #210
SWalker@Civiltec.com

Check List

The following bulleted items have been provided to supplement the specific requirements described in the RFP and are required in the proposal:

- Shop drawing requirements
- ☐ Manufacturer data sheets – Marked to indicate options features included
- Equipment details, size, materials of construction, height
- Total number of treatment vessels
- Shop painting requirements
- Electrical requirements
- Instrumentation requirements
- Installation requirements
- Field testing requirements
- Field services required
- Operator training required
- Warranty requirements
- O&M manual requirements
- Shipping and storage requirements
- Fabrication and delivery schedule
- Delivered cost

V. SELECTION PROCESS

The evaluation of proposals and the selection of a BIDDER will be based upon the following criteria and importance factors in table V-1.

Table V-1: Selection Criteria and Importance Factors.

LHHCWD PFAS Prepurchased PFAS Treatment Equipment Selection Criteria

Criteria	Importance Factor
1. Capability of BIDDER to perform all tasks.	10
2. Documented experience on similar projects.	10
3. Results of reference checks.	9
4. BIDDER's price to perform the work.	8
5. BIDDER's schedule to complete the work.	9
6. Demonstrated record of performance by BIDDER on similar work previously performed on other projects.	9
7. Demonstrated record of the performance of the proposed treatment system.	10
8. Documented ability to receive DDW permitting	10
9. BIDDER's bed volume guarantee.	9
10. BIDDER documented compliance with BABAA requirements and Federal acceptance of proposal meeting BABAA funding requirements.	10

OWNER reserves the right to reject any and all proposals. Proposals shall be valid for at least 90 calendar days.

Expanded selection process description of criteria:

1. The selection process will evaluate the proposals for completeness and clarity to meet the requirements in "Proposal Requirements" Section I.
2. Extents of the BIDDER's documentation of similar projects will be considered important to ensure the new treatment system will perform as required.
3. Accurate contact information of references provided by the BIDDER will be required in order to confirm the satisfaction of prior similar projects with the owners.
4. The bidder's price will be weighed in conjunction with other selection criteria and lowest bid price does not necessarily guarantee award of the contract. A low bid relative other bids received will provide a higher scoring.
5. The ability of the BIDDER to deliver the treatment system in an expedient manner would reduce overall project schedule and costs. Therefore, the ability to deliver the treatment system faster relative to other bid schedules received would score higher.
6. The verifiable record of the BIDDER's performance to comply with contract requirements such as meeting schedule and cooperation/coordination with the installation contractor will be scored higher.
7. The verifiable record of performance of the BIDDER's treatment system from the submitted similar projects will be considered in the selection process. Prior installations with deficiencies such as early break through or premature mechanical failures would be considered a lower score.
8. The ability to demonstrate past acceptance by DDW of the treatment system for permitting is of high importance. A record of acceptance by DDW will be score higher.
9. The comprehensive wording of the BIDDER's bed volume guarantee will be important. A clearly defined guarantee meeting the requirements of the RFP will be score higher.
10. The ability of the BIDDER's ability to comply with all BABAA funding requirements is highly important to ensure the project can move forward. BIDDERS clearly defining their ability to meet BABAA requirements will be score higher.

During the review of the received proposals a Scoring Factor ranging from 1 to 4 will be assigned as a multiplier to each of the Importance Factors described above. A Scoring Factor of 4 would represent the BIDDER's submission meets/exceeds the criteria fully. The BIDDER with the higher overall score will be recommended for selection of contract award to the OWNER. The OWNER reserves the right select an alternate received BIDDER proposal meeting RFP requirements.

VI. BID SCHEDULE

LHHCWD Well 10 & 11 PFAS IX Treatment System

Bidder’s representation section: Bidder is familiar with all laws and regulations that may affect cost, progress, and performance of the work, including BABAA requirements.

Item No. 1: IX PFAS Treatment System

IX system equipment including three (3) lead/lag systems valves and lead/lag manifold (Valve Tree), pre-fabrication coordination of submittals and reviews, Autocad electronic mechanical and P&ID drawings, instrumentation equipment, DP transmitters, magnetic flow meters, valves, and appurtenances, anchoring design and calculations, provide BIDDER’s IX Treatment System Capacity Performance Guarantee and Treatment System Warranty, delivery, coordination with OWNER’s installation general contractor, installation inspection and letter verifying installation complies with warranty requirements. BIDDER to provide PFAS selective resin and equipment, materials, and labor to install the resin media into the treatment vessels.

PFAS Treatment System	\$
Guaranteed Treatment Capacity Prior to Break Through (million gallons)	

Item No. 2: Field Support During Delivery and Installation

Construction Support, Media Installation Assistance	\$
Hours (specify)	

Item No. 3: System Startup and Testing

System Installation Inspection, Media Installation
Services, Testing Assistance

\$

Hours (specify)

Item No. 4: OWNER Operations Staff Training

Owner Operations Staff Training

\$

Hours (specify)

Provide 10 copies of an O&M Manual

Total of Items 1 through 4

BIDDER's Total Price

\$

BIDDER's brochure or full resumes of key personnel shall be included in an appendix. The BIDDER's designated representative shall be identified. Replacement of the designated representative must be approved by OWNER. The appendix is not included in the 15-page proposal limitation.

BIDDERS SIGNATURE PAGE

The undersigned BIDDER certifies that he/she has fully reviewed the RFP, has fully responded to each of the items listed, and is fully prepared to enter into a binding agreement with OWNER, consistent with the information provided in the RFP.

BIDDER

TITLE

DATE

Authorized Representative

VII. APPENDIX MATERIAL

Appendix A: Water Quality Data

Appendix B: Magnetic Flow Meter

Appendix C: Geotechnical Report

Appendix D: 2021 OCWD PFAS Treatment Testing Study

Appendix E: Expansion Joints

Appendix F: AIS Information

**GENERAL MANAGER-
MONTHLY PFAS REPORT**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: JULY 28, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
SUBJECT: MONTHLY PFAS REPORT

Water Replenishment District (WRD) has responded to the District's request for reimbursement of PFAS treatment operations and maintenance (O&M) costs by conducting a pumpers workshop to discuss its proposed PFAS funding program. As a result of the workshop, WRD developed a survey to determine whether pumpers in the Central and West Coast Basins are interested in participating in a program under which WRD would provide funding for PFAS treatment O&M costs. WRD expects to distribute the survey to pumpers within the next few weeks.

WRD provided the District with a draft WRD PFAS Remediation Program Survey for review. Ed Castaneda and I are scheduled to meet with WRD to discuss the draft survey and provide feedback before it is distributed to pumpers within WRD's service area.

In addition, the District has entered into an agreement with the Los Angeles County Sanitation Districts (LACSD) to support PFAS research and data collection through the following activities:

1. LACSD will perform one round of PFAS laboratory testing on samples of the District's drinking water. The sampling has been scheduled to coincide with the District's routine PFAS monitoring so that the results can be compared with those obtained by Weck Laboratories. LACSD will analyze the samples using the same PFAS analytical method it uses for wastewater effluent, allowing for comparison of results between drinking water and wastewater samples. Currently, there is no EPA-approved analytical method specifically for PFAS in wastewater.
2. LACSD has provided tertiary-treated wastewater effluent samples, which the District submitted to its laboratory for PFAS analysis. The resulting data will be used for research and educational purposes, including comparison with wastewater PFAS data previously reported to the State.

WRD PFAS Remediation Program Survey

(DRAFT- FOR REVIEW ONLY)

The Water Replenishment District (WRD) established the \$61M PFAS Remediation Program (Program) on August 20, 2020, to remediate PFAS-impacted drinking water wells located in the Central Basin and West Coast Basin. The Program was developed with feedback/direction that WRD received from the pumping community, and currently provides grants for water purveyors (i.e., groundwater pumpers) to install their own treatment systems (referred to as Funding Support Projects), or for WRD to design and construct treatment systems for the pumpers (referred to as Turnkey Projects). The purpose of the Program is to implement remediation projects quickly to prevent the closure of wells and avert the spread of PFAS contamination in aquifers. Thus far, funding agreements totaling \$27.3M have been executed with six (6) pumpers to treat 19 wells, and 8 PFAS treatment systems are now operating. A budget of \$33.7M remains for the 10 pumpers that are currently working with WRD to apply for funding from the Program.

Key parameters of the Program include:

1. **Capital Costs Only** – Pumpers are only reimbursed for capital costs directly related to the design and construction of their PFAS treatment systems. Pumpers are solely responsible for any and all operations and maintenance costs.
2. **Funding Amount of \$1,000/AF** – Funding amounts are generally determined by multiplying \$1,000/AF with the historical annual average pumping of the most recent three full years from the wells that are requested for PFAS treatment. Since funding amounts are determined based on historical production, project costs are typically not fully funded, especially for wells/pumpers that have low annual production.
3. **20-Year Annual Pumping Requirement** – This is a performance requirement that was requested by the pumpers when the Program was originally established. In addition, pumpers wanted to ensure cost recovery since the intent of the Program is to restore groundwater pumping in the basins. Pumpers who receive funding from the Program must commit to a minimum 20-year annual pumping amount that is determined from their historical annual average production from the treated wells. Thus far, for the six (6) pumpers that have executed funding agreements, an annual production of 18,235 acre feet per year (AFY) has been secured/restored for the next 20 years.
4. **\$5 Million Funding Limit Per Pumper** – The current Program budget of \$61M is not sufficient to fund the treatment of all PFAS-impacted wells in the basins. Thus, at the request of the pumpers when the Program was established, there is a \$5M limit per pumper for funding from the Program.

Final funding amounts are at the discretion of the WRD Board of Directors.

Based on feedback received at the May 28, 2026, PFAS Pumper Workshop, WRD kindly requests pumpers to complete this survey regarding the Program.

When you submit this form, it will not automatically collect your details like name and email address unless you provide it yourself.

1. Is your agency in support of WRD continuing to provide any of the following assistance under the current Program? Please select ALL that apply.

- ☐ Funding Support – Reimbursement to pumper for capital costs, including planning, permitting, design, construction, and construction management
- ☐ Turnkey – Design and Construction by WRD for public agencies that serve Disadvantaged Communities
- ☐ My agency is NOT in support of WRD continuing to provide PFAS funding (i.e., immediate termination of the Program)

2. As stated above, the funding amount for capital costs is determined based on historical annual average pumping from the PFAS-impacted wells at the rate of \$1,000/AF. The WRD Board of Directors has the discretion to modify the final funding amount per pumper. Does your agency support continuation of this funding rate of \$1,000/AF for capital costs to design and construct PFAS treatment systems?

- ☐ Yes, I want to maintain the \$1,000/AF funding rate.
- ☐ No, I want to replace the \$1,000/AF funding rate with another rate or method.

3. If you answered "No" above, and would like to replace the \$1,000/AF funding rate with another rate or method, please describe:

Enter your answer

4. As stated above, the current Program includes a \$5M funding limit per pumper. Does your agency support continuation of this cap on funding?

☐ Yes, I want to maintain the \$5M funding limit per pumper.

☐ No, I do NOT want any funding limit per pumper. *Please note that removal of a funding limit could result in expending the \$61M Program budget sooner, thereby reducing the quantity of wells that could be funded.

☐ No, I want to replace the \$5M funding limit per pumper with another type of funding limit or a different amount.

5. If you answered "No" above, and would like to replace the \$5M limit per pumper with another type of funding limit or a different amount, please describe:

Enter your answer

6. As stated above, the current PFAS Remediation Program includes a 20-Year Annual Pumping Requirement. Does your agency support continuation of this performance requirement / cost recovery method?

☐ Yes, I want to keep the 20-Year Annual Pumping Requirement.

☐ No, I want to replace the 20-Year Annual Pumping Requirement with a different performance requirement/cost recovery method.

7. If you answered "No" above, and would like to replace the 20-Year Annual Pumping Requirement with a different performance requirement/cost recovery method, please describe:

Enter your answer

8. Under the current Program, compliance with the 20-Year Annual Pumping Requirement (APR) is determined based on a rolling 3-year average. A pumper who does not meet the APR must make a presentation to the Water Pumping Advisory Committee (WPAC) explaining their circumstances and may request an adjustment to the APR. Upon approval by the WPAC, an amendment to the Funding Agreement may be executed to adjust the APR. Non-compliance may result in the pumper reimbursing funds that had been provided by WRD. Does your agency support continuation of the current APR compliance process?

- ☐ Yes, I want to keep the current APR compliance process.
- ☐ No, I want to replace the current APR compliance process with a different compliance method.

9. If you answered "No" above, and would like to replace the current APR compliance process with a different compliance method, please describe:

Enter your answer

10. As stated above, six (6) funding agreements totaling \$27.3M have been executed to date. In order to fund the \$61M Program, WRD has collected a total of \$15.2M to date from a portion of the Replenishment Assessment (RA) at the current rate of \$12/AF. Thus, there is a shortfall of approximately \$45.8M. Since no

RA collection for the Program will occur in FY 2026-27, the PFAS portion of the RA will be \$12/AFY to \$16/AFY over a 20-year period beginning FY 2027-28 through FY 2046-47. Does your agency support collecting the PFAS portion of the RA?

- ☐ Yes, I support collecting the PFAS portion of the RA (starting at \$12/AFY to \$16/AFY) over the next 20 years to fund the \$61M Program.
- ☐ No, I want to terminate the \$61M Program now, so that annual RA collection is only required for the \$27.3M that has already been encumbered.
- ☐ No, I do NOT want to collect the PFAS portion of the RA going forward, but I support continuation of the Program. Thus, I would like to fund the Program via other means.

11. If you answered "No" above, and would like to continue the Program without RA collection, please describe how you would like to fund the Program via other means:

Enter your answer

12. Currently, there are 38 drinking water wells in the Program and an additional 92 PFAS-impacted wells that are not in Program. Hence, the current \$61M Program budget will not cover the capital costs for all PFAS-impacted drinking water wells in the Basins. Assuming a funding rate of \$2,000/AF for capital costs and current funding guidelines, WRD estimates that an additional \$180M will be required to fund the treatment of all the PFAS-impacted drinking water wells, thus resulting in a total budget requirement of \$241M (i.e., \$61M + \$180M). To fund a \$241M Program, the PFAS portion of the RA must be increased from approximately \$33/AFY to \$116/AFY over a 20-year period beginning FY 2027-28 through FY 2046-47. Does your agency support increasing the PFAS portion of the RA to fund the \$241M PFAS Program?

- ☐ Yes, I support increasing the PFAS portion of the RA from approximately \$33/AFY to \$116/AFY over the next 20 years to fund an increased Program budget of \$241M.
- ☐ No, I want to keep the Program budget at \$61M, and thus, collect the PFAS portion of the RA at a rate of \$12/AFY to \$16/AFY over the next 20 years to fund the Program.

- ☐ No, I want to modify the Program budget from \$61M to another amount or a percentage of \$241M. NOTE: The PFAS portion of the RA will be collected annually beginning in FY 2027-28 to fund this recommended amount over the next 20 years.

13. If you answered "No" above, and would like to modify the existing \$61M budget or the estimated \$241M amount, please describe:

Enter your answer

14. The current Program only funds capital costs for PFAS treatment systems. If the Program was modified to include reimbursement of operations and maintenance (O&M) costs (including labor, power, chemicals, and media changeouts) associated with PFAS treatment systems for the next 20 years, WRD estimates the total cost to be approximately \$500M, assuming a reimbursement rate of \$150/AF for all PFAS-impacted wells. To fund a budget of \$500M for just O&M costs, the PFAS portion of the RA must be increased from approximately \$50/AFY to \$323/AFY over a 20-year period beginning FY 2027-28 through FY 2046-47. Does your agency support increasing the PFAS portion of the RA to fund O&M costs?

- ☐ Yes, I support increasing the PFAS portion of the RA from approximately \$50/AFY to \$323/AFY over the next 20 years to fund O&M costs
- ☐ No, I want to keep the Program budget at \$61M, thus continuing to only fund capital costs and no O&M costs
- ☐ No, I am interested in funding only a portion of the estimated \$500M O&M budget.

15. If you answered "No" above, and would like to fund a portion of the estimated \$500M O&M budget, please describe:

Enter your answer

16. Under the current PFAS Remediation Program, funding amounts are determined based on historical annual pumping quantities. As a result, in most cases, PFAS projects are not fully funded by WRD, especially for pumpers who do not maintain high annual production rates. Would your agency like to modify the current Program to include low-interest loan funding? Depending on loan terms, there could be a significant impact to the RA.

☐ Yes

☐ No

17. If you would like to provide suggestions for a potential loan option for PFAS remediation projects, please describe:

Enter your answer

18. Please share any general comments, feedback, or suggestions you may have regarding WRD's PFAS Remediation Program:

Enter your answer

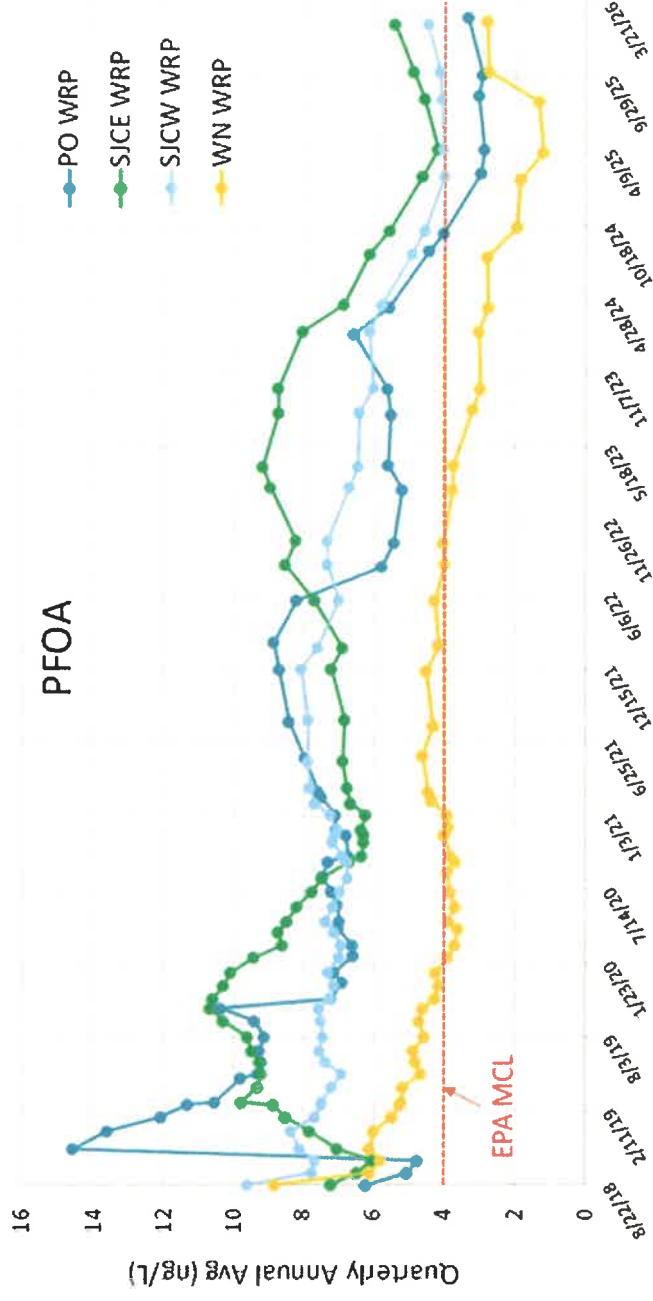
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Recycled Water Concentrations

- PFAS levels relatively **low**
- MCLs for PFOS, PFHxS, PFNA, HFPO-DA (GenX), and mixtures **are met**
- **PFOA** levels are above MCL at some WRPs -> likely future **regulatory driver**



As of this writing, only preliminary results on PFAS data from water treatment and distribution systems are available. The data is preliminary and may change as more data is collected. The data is preliminary and may change as more data is collected. The data is preliminary and may change as more data is collected.