CHINO BASIN WATERMASTER

NOTICE OF MEETING

Thursday, March 20, 2025

9:00 a.m. – Advisory Committee Meeting

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING
9:00 a.m. – March 20, 2025
Mr. Eduardo Espinoza, Chair
Mr. Brian Geye, Vice-Chair
Mr. Jeff Pierson, Second Vice-Chair
At The Offices Of
Chino Basin Watermaster
9641 San Bernardino Road
Rancho Cucamonga, CA 91730

(Meeting can also be taken remotely via Zoom at this link)

AGENDA

CALL TO ORDER

ROLL CALL

AGENDA – ADDITIONS/REORDER

SAFETY MINUTE

I. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.

A. MINUTES
Approve as presented:
Minutes of the Advisory Committee Meeting held on February 20, 2025 *(Page 1)*

B. FINANCIAL REPORTS
Receive and file as presented:
Monthly Financial Report for the Period Ended January 31, 2025 *(Page 5)*

C. OBMP SEMI-ANNUAL STATUS REPORT 2024-2 *(Page 21)*
Recommend to the Watermaster Board to adopt the Semi-Annual OBMP Status Report 2024-2, and direct staff to file a copy with the Court, subject to any necessary non-substantive changes.

D. SGMA REPORTING FOR WATER YEAR 2024 *(Page 42)*
Recommend to the Watermaster Board to approve and direct staff to file the information/reports with the state Department of Water Resources.

II. BUSINESS ITEMS

A. FIRST AMENDMENT TO TASK ORDER NO. 7 UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN UNDER THE MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS BETWEEN INLAND EMPIRE UTILITIES AGENCY AND THE CHINO BASIN WATERMASTER *(Page 49)*

Approve and recommend the Board to approve the First Amendment to Task Order No. 7 and conclude
associated obligations.

B. SECOND AMENDMENT TO TASK ORDER NO. 2 LOWER DAY BASIN RMPU IMPROVEMENT PROJECT UNDER THE MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS BETWEEN THE INLAND EMPIRE UTILITIES AGENCY AND THE CHINO BASIN WATERMASTER *(Page 57)*

Approve and recommend the Board to approve the amended Task Order No. 2 and conclude associated obligations.

C. WATERMASTER FISCAL YEAR 2025/26 PROPOSED BUDGET *(Page 69)*

Provide advice and assistance regarding the proposed Watermaster Fiscal Year 2025/26 Budget as presented.

III. REPORTS/UPDATES

A. WATERMASTER LEGAL COUNSEL

1. April 4, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of the 47th Annual Report; IEUA Motion for Costs and Fees)
2. Court of Appeal Consolidated Cases No. E080457 and E082127 (City of Ontario appeal re: Fiscal Year 2021-22 and 2022-23 Assessment Packages)
3. Inland Empire Utilities Agency, and Chino Basin Watermaster v. LS-Fontana LLC (San Bernardino Superior Court)

B. ENGINEER

1. 2025/26 GLMC Recommended Scope and Budget
2. 2025/26 PBHSC Recommended Scope and Budget
3. 2025 Safe Yield Reevaluation

C. GENERAL MANAGER

1. Status Report: Fiscal Year 2024/25 Exhibit G Physical Solution Transfers
2. Other

D. INLAND EMPIRE UTILITIES AGENCY *(Page 69)*

1. Metropolitan Water District Activities Report (Written)
2. Water Supply Conditions (Written)
3. State and Federal Legislative Reports (Written)

E. OTHER METROPOLITAN MEMBER AGENCY REPORTS

IV. INFORMATION *(Page 83)*

A. RECHARGE INVESTIGATION AND PROJECTS COMMITTEE (PROJECT 23a STATUS)

V. COMMITTEE MEMBER COMMENTS

VI. OTHER BUSINESS

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

A Confidential Session may be held during the Advisory Committee meeting for the purpose of discussion and possible action.

VIII. FUTURE MEETINGS AT WATERMASTER

03/20/25	Thu	9:00 a.m.	Advisory Committee
03/20/25	Thu	9:15 a.m.	Fiscal Year 2025/26 Budget Release (During Advisory Committee)
03/25/25	Tue	1:00 p.m.	Safe Yield Reevaluation – Preliminary Results
03/27/25	Thu	9:30 a.m.	Watermaster Orientation*
03/27/25	Thu	11:00 a.m.	Watermaster Board
04/03/25	Thu	11:00 a.m.	Personnel Committee

* The Watermaster Orientation series are held in person only with no remote access.

ADJOURNMENT

DRAFT MINUTES
CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING
February 20, 2025

The Advisory Committee meeting was held at the Chino Basin Watermaster offices located at 9641 San Bernardino Road, Rancho Cucamonga, CA, and via Zoom (conference call and web meeting) on February 20, 2025.

ADVISORY COMMITTEE MEMBERS PRESENT

- **APPROPRIATIVE POOL COMMITTEE MEMBERS PRESENT AT WATERMASTER**

Ben Orosco	City of Chino
Chad Nishida for Courtney Jones	City of Ontario
Chris Diggs	City of Pomona
Amanda Coker	Cucamonga Valey Water District
Chris Berch	Jurupa Community Services District
Brian Lee	San Antonio Water Company

- **APPROPRIATIVE POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Nicole deMoet	City of Upland
Megan Sims for Cris Fealy	Fontana Water Company
Justin Castruita for Josh Swift	Fontana Union Water Company
Bryan Smith	Jurupa Community Services District

- **NON-AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT AT WATERMASTER**

Brian Geye, **Vice-Chair**	California Speedway Corporation
Bob Bowcock	CalMat Co.

- **NON-AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Alexis Mascarinas	City of Ontario (Non-Ag)

- **AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT AT WATERMASTER**

Jeff Pierson, **Second Vice-Chair**	Crops
Jimmy Medrano	State of California

- **AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Gino Filippi	Crops
Lewis Callahan	State of California
Imelda Cadigal	State of California

WATERMASTER BOARD MEMBERS PRESENT AT WATERMASTER

Mike Gardner	Western Municipal Water District

WATERMASTER STAFF PRESENT

Todd Corbin	General Manager
Edgar Tellez Foster	Water Resources Mgmt. & Planning Director
Anna Nelson	Director of Administration
Justin Nakano	Water Resources Technical Manager
Frank Yoo	Data Services and Judgment Reporting Manager
Daniela Uriarte	Senior Accountant
Ruby Favela Quintero	Executive Assistant
Kirk Dolar	Administrative Analyst
Alonso Jurado	Water Resources Associate
Jordan Garcia	Senior Field Operations Specialist
Erik Vides	Field Operations Specialist

WATERMASTER CONSULTANTS PRESENT ON ZOOM

Laura Yraceburu	Brownstein Hyatt Farber Schreck, LLP
Garrett Rapp	West Yost

OTHERS PRESENT AT WATERMASTER

Jimmie Moffatt	Cucamonga Valley Water District
Jiwon Seung	Cucamonga Valley Water District

OTHERS PRESENT ON ZOOM

Norberto Ferreira	City of Upland
Rob Hills	Cucamonga Valley Water District
Aimee Zhao	Inland Empire Utilities Agency
Manny Martinez	Monte Vista Water District
David De Jesus	Three Valleys Municipal Water District
Matt Litchfield	Three Valleys Municipal Water District
Nicole deMoet	West End Consolidated Water Company
Rick Rees	WSP USA

CALL TO ORDER

Vice-Chair Brian Geye chaired the meeting and called the Advisory Committee meeting to order at 9:00 a.m.

ROLL CALL

(00:00:13) Ms. Nelson conducted the roll call and announced that a quorum was present.

AGENDA – ADDITIONS/REORDER

None

SAFETY MINUTE

(00:02:50) Mr. Corbin announced that the month of February is heart health month. He reminded everyone to stay active, watch their diet and get routine checkups.

I. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.

A. MINUTES

Approve as presented:
Minutes of the Advisory Committee Meeting held on January 16, 2025

B. FINANCIAL REPORTS

Receive and file as presented:
Monthly Financial Report for the Reporting Period Ended December 2024

(00:03:13)
Motion by Second Vice-Chair Pierson, seconded by Mr. Chris Diggs, there being no dissent, the motion was deemed passed unanimously among those present.

Moved to approve the Consent Calendar as presented.

II. BUSINESS ITEMS

A. CALCULATION OF EXCESS CASH RESERVES BASED ON OPERATING CASH RESERVE POLICY 4.17

Recommend Board to defer the refund of excess cash reserves in accordance with Watermaster Policy 4.17 until the FY 25-26 Budget process is completed.

(00:03:39) Mr. Corbin informed the Committee that this report was given to the Pools and there was no action. The amount of the Excess Cash Reserves that could be refunded is a little over 1.3 million dollars. The Appropriative Pool recommended the Board defer any refunds of Excess Cash Reserves until after the budget process is completed and the funding needs are evaluated.

(00:04:59)
Motion by Mr. Chris Diggs, seconded by Second Vice-Chair Pierson, there being no dissent, the motion was deemed passed unanimously among those present.

Moved to approve the Business Item II.A. as presented.

III. REPORTS/UPDATES

A. LEGAL COUNSEL

1. April 4, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees and Watermaster Motion for Receipt and Filing of the 47th Annual Report)
2. Court of Appeal Consolidated Cases No. E080457 and E082127 (City of Ontario appeal re: Fiscal Year 2021-22 and 2022-23 Assessment Packages)

(00:05:25) Ms. Yraceburu indicated her reports remain unchanged from those presented at the Pools meetings; the committee declined to receive them again.

B. ENGINEER

1. 2025/26 GLMC Recommended Scope and Budget
2. 2025 Safe Yield Reevaluation

(00:05:56) Mr. Rapp indicated he had nothing new to report to the committee and would be happy to answer any questions.

C. GENERAL MANAGER

1. Discussion RE Recharge on San Bernardino County Flood Control Properties
2. Audit Firm Engagement
3. New Payroll Vendor
4. New Employee Introduction
5. Other

(00:06:20) Mr. Corbin indicated he had an update on Item 1 and reported the discussion on the recharge basins and potential development of a portion of those properties. He reported that there were no changes to other items.

D. INLAND EMPIRE UTILITIES AGENCY

1. Metropolitan Water District Activities Report (Written)
2. Water Supply Conditions (Written)
3. State and Federal Legislative Reports (Written)

No oral report was given.

E. METROPOLITAN MEMBER AGENCY REPORTS

None

(9:08 a.m.) Ben Orosco joined the meeting.

IV. INFORMATION

A. RECHARGE INVESTIGATION AND PROJECTS COMMITTEE (PROJECT 23a STATUS)

None

V. COMMITTEE MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

A Confidential Session may be held during the Advisory Committee meeting for the purpose of discussion and possible action.

None

ADJOURNMENT

Mr. Orosco with the City of Chino joined the meeting at 9:08 a.m.

Vice-Chair Brian Geye adjourned the Advisory Committee meeting at 9:08 a.m.

Secretary: _____

Approved: _____

CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730
909.484.3888 www.cbwm.org

STAFF REPORT

DATE: March 2025

TO: Watermaster Committees & Board

SUBJECT: Monthly Financial Reports (For the Reporting Period Ended January 31, 2025) (Consent Calendar Item I.B.)

Issue: Record of Monthly Financial Reports for the reporting period ended January 31, 2025 [Normal Course of Business]

Recommendation: Receive and file Monthly Financial Reports for the reporting period ended January 31, 2025 as presented.

Financial Impact: None

ACTIONS:
Appropriative Pool – March 13, 2025 [Final]: Received and filed.
Non-Agricultural Pool – March 13, 2025 [Final]: Received and filed.
Agricultural Pool – March 13, 2025 [Final]: Received and filed.
Advisory Committee – March 20, 2025 [Recommended]: Receive and file.
Watermaster Board – March 27, 2025 [Recommended]: Receive and file.

BACKGROUND

A monthly reporting packet is provided to keep all members apprised of Watermaster revenues, expenditures, and other financial activities. Monthly reports include the following:

1. Cash Disbursements – Summarized report of all payments made during the reporting month.
2. Credit Card Expense Detail – Detail report of all credit card activity during the reporting month.
3. Combining Schedule of Revenues, Expenses & Changes in Net Assets – Detail report of all revenue and expense activity for the fiscal YTD, summarized by pool category.
4. Treasurer's Report – Summary of Watermaster investments holdings and anticipated earnings as of month end.
5. Budget to Actual Report – Detail report of actual revenue and expense activity, shown for reporting month and YTD, comparatively to the adopted budget.
6. Monthly Variance Report & Supplemental Schedules – Supporting schedule providing explanation for major budget variances. Also provides several additional tables detailing pool fund balance, salaries expense, legal expense, and engineering expense.

DISCUSSION

Detailed explanations of major variances and other additional information can be found on the "Monthly Variance Report & Supplemental Schedules."

Watermaster staff will provide additional explanations or respond to any questions on these reports during the meetings as requested.

ATTACHMENT

1. Monthly Financial Reports (January 31, 2025)

Chino Basin Watermaster
Cash Disbursements
January 2025

Date	Number	Vendor Name	Description	Amount
01/06/2025	25246	CUBICLE AND OFFICE, LLC.	Existing cubicle reconfiguration	$ (480.02)
01/07/2025	25247	ACWA JOINT POWERS INSURANCE AUTHORITY	February life insurance	(274.43)
01/07/2025	25248	BURRTEC WASTE INDUSTRIES, INC.	Utilities: Waste	(168.62)
01/07/2025	25249	EIDE BAILLY LLP	November accounting consulting services	(328.13)
01/07/2025	25250	FRONTIER COMMUNICATIONS	Landline connection for Bay Alarm system	(153.53)
01/07/2025	25251	GROUNDWATER RESOURCES ASSOCIATION	Annual membership dues	(1,500.00)
01/07/2025	25252	PITNEY BOWES GLOBAL FINANCIAL SVCS.	Quarterly postage meter lease	(454.87)
01/07/2025	25253	READY REFRESH	Office water dispenser lease	(41.97)
01/07/2025	25254	SAN BERNARDINO COUNTY - DEPT. AIRPORTS	January rent for extensometer site	(172.00)
01/07/2025	25255	SOUTHERN CALIFORNIA EDISON	Utilities: Electric	(174.75)
01/07/2025	25256	SPECTRUM ENTERPRISE	January internet services	(1,161.35)
01/07/2025	25257	STATE COMPENSATION INSURANCE FUND	FY 25 worker's compensation insurance	(2,264.91)
01/07/2025	25258	UNION 76	December fuel purchases	(231.52)
01/07/2025	25259	VANGUARD CLEANING SYSTEMS	January janitorial service	(1,000.00)
01/07/2025	25260	VC3, INC.	December IT services	(5,157.32)
01/07/2025	25261	VISION SERVICE PLAN	January vision insurance coverage	(108.39)
01/07/2025	25262	CURATALO, JAMES		(375.00)
01/07/2025	25263	EGOSCUE LAW GROUP, INC.	December OAP legal services	(4,200.00)
01/07/2025	25264	WELL TEC SERVICES	Meter installations and onsite calibrations	(43,531.25)
01/10/2025	ACH1/10/25	CALPERS	January medical insurance premiums	(17,282.10)
01/10/2025	ACH1/10/25	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Annual Unfunded Accrued Liability-Plan 3299	(12,164.17)
01/10/2025	ACH1/10/25	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Annual Unfunded Accrued Liability-Plan 27239	(172.92)
01/14/2025	ACH1/14/25	JOHN J. SCHATZ	October/November AP legal services	(13,265.00)
01/15/2025	25265	BUSINESS TELECOMMUNICATION SYSTEMS INC	Voicemail services troubleshooting	(195.00)
01/15/2025	25266	CALIFORNIA BANK & TRUST	Account ending 6198 - See detail attached	(4,457.13)
01/15/2025	25267	CORELOGIC INFORMATION SOLUTIONS	December geographic package services	(125.00)
01/15/2025	25268	CUCAMONGA VALLEY WATER DISTRICT	February lease	(11,902.91)
01/15/2025	25269	DORA CERVANTES	December carpet cleaning services	(800.00)
01/15/2025	25270	LEGAL SHIELD	January employee paid legal insurance	(119.55)
01/15/2025	25271	SOUTHERN CA EDISON	Utilities: Electric	(1,163.61)
01/15/2025	25272	STANDARD INSURANCE CO.	December life and disability coverage	(996.23)
01/15/2025	25273	VANGUARD CLEANING SYSTEMS	November-December electrostatic spraying	(660.00)
01/15/2025	25274	VERIZON WIRELESS	Internet services for Field Ops tablets	(277.17)
01/15/2025	25275	BROWNSTEIN HYATT FARBER SCHRECK	November legal services	(94,365.84)
01/15/2025	25276	LINDE GAS & EQUIPMENT INC.	Water quality sampling supplies	(265.97)
01/15/2025	25277	POWERS ELECTRIC PRODUCTS CO.	Replacement sounder lines for groundwater level monitoring	(1,065.78)
01/15/2025	25278	RUBEN LLAMAS		(125.00)
01/22/2025	25279	CALIFORNIA GROUNDWATER COALITION	Annual membership dues	(10,450.00)
01/22/2025	25280	CLARK PEST CONTROL	Bi-monthly pest control services	(100.00)
01/22/2025	25282	GREAT AMERICA LEASING CORP.	December copy machine lease	(1,527.81)
01/22/2025	25283	HUITSING, JOHN		(1,125.00)
01/22/2025	25284	PETTY CASH	Petty cash replenishment	(405.27)
01/22/2025	25285	RON SHELLEY'S AUTOMOTIVE	Field trucks oil change and filter	(380.31)
01/22/2025	25286	SAN BERNARDINO COUNTY - DEPT. AIRPORTS	February rent for extensometer site	(172.00)
01/22/2025	25287	UNITED HEALTHCARE	February dental insurance coverage	(1,370.78)
01/22/2025	25288	VC3, INC.	January IT services	(5,160.82)
01/22/2025	25289	VERIZON WIRELESS	Internet services and mobile broadband unlimited	(38.01)
01/24/2025	25291	CUCAMONGA VALLEY WATER DISTRICT - UTILITY	Utilities: Water	(370.77)
01/24/2025	25292	EIDE BAILLY LLP	December accounting consulting services	(91.88)
01/24/2025	25293	PITNEY BOWES GLOBAL FINANCIAL SERVICES	Postage meter refill	(507.00)
01/24/2025	25294	SOUTHERN CALIFORNIA EDISON	Utilities: Electric	(208.23)
01/24/2025	25295	WEST YOST	December engineering services	(162,657.74)
			Total for Month	**$ (405,747.06)**

Chino Basin Watermaster
Credit Card Expense Detail
January 2025

Date	Number	Description	Expense Account	Amount
01/15/2025	25266	**CALIFORNIA BANK & TRUST**		
		Amazon - Amazon Web Services - November 2024	6054 · Computer Software	(165.72)
		JW Marriot - ACWA Conference - Lodging - E. Tellez Foster	6191 · Conferences - General	(535.82)
		Microsoft Software - Mapping and visualization software subscription	6054 · Computer Software	(15.00)
		REV Subscription - Speech to text transcription services	6112 · Subscriptions/Publications	(29.99)
		EZOP San Bernardino Permit - Annual Site Inspection - Zone 1 FCAP-011	6909.3 · Other OBMP Expenses	(1,085.90)
		UPS postage- Employee Manual - J. Pierson	6042 · Postage - General	(49.17)
		1-800-Flowers - Get Well gift - M. Gardner	6031.7 · General Office Supplies	(105.45)
		Paul Martin's - Staff Holiday Luncheon	6141.1 · Meeting Supplies	(742.30)
		B2B Prime - Amazon Prime Membership fee	6031.7 · General Office Supplies	(192.87)
		Amazon - Outlet protector	6031.7 · General Office Supplies	(23.42)
		Bamboo HR - HRIS and Timekeeping System	6061.2 · HRIS System	(227.59)
		LinkedIn - Administrative Analyst position recruitment	6112 · Subscriptions/Publications	(500.00)
		Amazon - Wastebaskets, chairmat	6031.7 · General Office Supplies	(92.08)
		Amazon - Envelopes	6031.7 · General Office Supplies	(37.65)
		Lazy Dog - Holiday Administrative Dinner - A. Nelson, D. Uriarte, R. Favela Quintero	6141.1 · Meeting Supplies	(120.25)
		Amazon - Postcards	6031.7 · General Office Supplies	(45.68)
		BlueHost - Monthly Software Renewal - Standard VPN Server with cPanel	6054 · Computer Software	(91.99)
		Jersey Mikes - Interview debrief lunch - T. Corbin, E. Tellez Foster	6141.1 · Meeting Supplies	(29.75)
		LinkedIn - Administrative Analyst position recruitment	6112 · Subscriptions/Publications	(200.00)
		Panera - Interview debrief lunch - T. Corbin, E. Tellez Foster	6141.1 · Meeting Supplies	(26.88)
		Amazon - Misc. office supplies	6031.7 · General Office Supplies	(80.83)
		Amazon - Smart switches	6031.7 · General Office Supplies	(58.79)
			Total for Month	**$ (4,457.13)**

Chino Basin Watermaster

Combining Schedule of Revenues, Expenses & Changes in Net Assets

For the Period of July 1, 2024 through January 31, 2025

(Unaudited)

	JUDGMENT ADMIN.	OPTIMUM BASIN MGMT.	TOTAL JUDGMENT ADMIN & OBMP	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUND WATER REPLENISH.	GRAND TOTALS	ADOPTED BUDGET 2024-2025 WITH CARRYOVER
				AP POOL	OAP POOL	ONAP POOL			
Administrative Revenues:									
Administrative Assessments	$ 5,621,503	$ 4,212,652	$ 9,834,155	$ 67,702	$ -	$ 31,000	$ -	$ 9,932,857	$ 9,833,780
Interest Revenue	-	243,365	243,365	11,528	36,675	1,826	3,565	296,958	478,500
Groundwater Replenishment	-	-	-	-	-	-	(87,377)	(87,377)	-
Mutual Agency Project Revenue	191,073	-	191,073	-	-	-	-	191,073	191,070
Miscellaneous Income	1,468	-	1,468	-	-	-	-	1,468	-
Total Administrative Revenues	**5,814,043**	**4,456,017**	**10,270,060**	**79,230**	**36,675**	**32,826**	**(83,812)**	**10,334,978**	**10,503,350**
Administrative & Project Expenditures:									
Watermaster Administration	1,854,082	-	1,854,082	-	-	-	-	1,854,082	2,528,540
Watermaster Board-Advisory Committee	143,535	-	143,535	-	-	-	-	143,535	422,420
Optimum Basin Mgmt Administration	-	382,679	382,679	-	-	-	-	382,679	1,437,940
OBMP Project Costs	-	1,732,289	1,732,289	-	-	-	-	1,732,289	4,971,020
Pool Legal Services	-	-	-	74,269	78,000	6,204	-	158,473	-
Pool Meeting Compensation	-	-	-	-	13,250	2,875	-	16,125	-
Pool Special Projects	-	-	-	-	9,454	-	-	9,454	-
Pool Administration	-	-	-	-	-	-	-	-	370,660
Debt Service	-	955,086	955,086	-	-	-	-	955,086	772,770
Agricultural Expense Transfer [1]	-	-	-	100,704	(100,704)	-	-	-	-
Replenishment Water Assessments	-	-	-	-	-	-	54,425	54,425	180,234
Total Administrative Expenses	**1,997,617**	**3,070,055**	**5,067,672**	**174,973**	**-**	**9,079**	**54,425**	**5,306,149**	**10,683,584**
Net Ordinary Income	**3,816,426**	**1,385,963**	**5,202,388**	**(95,744)**	**36,675**	**23,747**	**(138,237)**	**5,028,829**	**(180,234)**
Other Income/(Expense)									
Refund-Recharge Debt Service	-	-	-	-	-	-	-	-	-
Carryover Budget*	-	-	-	-	-	-	-	-	454,875
Net Other Income/(Expense)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**454,875**
Net Transfers To/(From) Reserves	**$ 3,816,426**	**$ 1,385,963**	**$ 5,202,388**	**$ (95,744)**	**$ 36,675**	**$ 23,747**	**$ (138,237)**	**$ 5,028,829**	**$ 274,640**
Net Assets, July 1, 2024			8,794,214	555,405	1,404,964	65,733	180,234	11,000,551	
Refund-Excess Operating Reserves			-					-	
Net Assets, End of Period			**13,996,602**	**459,661**	**1,441,639**	**89,480**	**41,998**	**16,029,380**	
Pool Assessments Outstanding				(86,315)	(586,852)	-			
Payments received in FY 25 for prior year assessments				158,322	-	-			
Pool Fund Balance				**$ 531,668**	**$ 854,787**	**$ 89,480**			

[1] Fund balance transfer as agreed to in the Peace Agreement.

*Carryover budget will be updated once the refund for excess operating reserves has been finalized.

Chino Basin Watermaster

Treasurer's Report

January 2025

	Type	Monthly Yield	Cost	Market	% Total
Cash & Investments					
Local Agency Investment Fund (LAIF) *	Investment	4.37%	$ 658,575	$ 658,326	4.0%
CA CLASS Prime Fund **	Investment	4.42%	15,531,594	$ 15,532,281	94.0%
Bank of America	Checking		337,253	337,253	2.0%
Bank of America	Payroll		-	-	0.0%
Total Cash & Investments			**$ 16,527,421**	**$ 16,527,860**	**100.0%**

* The LAIF Market Value factor is updated quarterly in September, December, March, and June.

** The CLASS Prime Fund Net Asset Value factor is updated monthly.

Certification

I certify that (1) all investment actions executed since the last report have been made in full compliance with Chino Basin Watermaster's Investment Policy, and (2) Funds on hand are sufficient to meet all foreseen and planned administrative and project expenditures for the next six months.

Anna Nelson, Director of Administration

Prepared By:
Daniela Uriarte, Senior Accountant

Chino Basin Watermaster

Budget to Actual

For the Period July 1, 2024 to January 31, 2025

(Unaudited)

		January 2024	YTD Actual	FY 25 Adopted Budget with Carryover	$ Over / (Under) Budget	% of Budget
1	**Administration Revenue**					
2	Local Agency Subsidies	$ -	$ 191,073	$ 191,070	$ 3	100%
3	Admin Assessments-Appropriative Pool	-	9,497,193	9,521,030	(23,837)	100%
4	Admin Assessments-Non-Ag Pool	-	336,962	312,750	24,212	108%
5	**Total Administration Revenue**	**-**	**10,025,228**	**10,024,850**	**378**	**100%**
6	**Other Revenue**					
7	Appropriative Pool-Replenishment	-	(103,383)	-	(103,383)	N/A
8	Non-Ag Pool-Replenishment	-	16,006	-	16,006	N/A
9	Interest Income	48,088	243,365	478,500	(235,135)	51%
10	Miscellaneous Income	-	1,468	-	1,468	N/A
11	Carryover Budget	-	-	454,875	(454,875)	0%
12	**Total Other Revenue**	**48,088**	**157,455**	**933,375**	**(775,919)**	**17%**
13	**Total Revenue**	**48,088**	**10,182,683**	**10,958,225**	**(775,541)**	**93%**
14	**Judgment Administration Expense**					
15	Judgment Administration	22,340	268,019	721,010	(452,991)	37%
16	Admin. Salary/Benefit Costs	112,916	768,282	1,032,120	(263,838)	74%
17	Office Building Expense	16,735	146,523	234,470	(87,947)	62%
18	Office Supplies & Equip.	1,591	17,241	46,760	(29,519)	37%
19	Postage & Printing Costs	2,155	14,144	32,950	(18,806)	43%
20	Information Services	16,749	68,176	232,530	(164,354)	29%
21	Contract Services	15,791	44,249	111,460	(67,211)	40%
22	Watermaster Legal Services	-	436,682	414,060	22,622	105%
23	Insurance	-	38,572	50,950	(12,378)	76%
24	Dues and Subscriptions	6,755	20,406	25,900	(5,494)	79%
25	Watermaster Administrative Expenses	597	6,744	9,630	(2,886)	70%
26	Field Supplies	-	1,035	3,200	(2,165)	32%
27	Travel & Transportation	2,066	79,757	104,960	(25,203)	76%
28	Training, Conferences, Seminars	-	11,558	49,370	(37,812)	23%
29	Advisory Committee Expenses	3,128	26,943	134,130	(107,187)	20%
30	Watermaster Board Expenses	7,480	116,592	288,290	(171,698)	40%
31	ONAP - WM & Administration	3,261	23,267	120,940	(97,673)	19%
32	OAP - WM & Administration	5,165	33,051	124,220	(91,169)	27%
33	Appropriative Pool- WM & Administration	9,331	70,662	125,500	(54,838)	56%
34	Allocated G&A Expenditures	(22,005)	(194,286)	(540,830)	346,544	36%
35	**Total Judgment Administration Expense**	**204,054**	**1,997,617**	**3,321,620**	**(1,324,003)**	**60%**
36	**Optimum Basin Management Plan (OBMP)**					
37	Optimum Basin Management Plan	47,550	382,679	1,437,940	(1,055,261)	27%
38	Groundwater Level Monitoring	33,963	272,186	585,050	(312,864)	47%
39	Program Element (PE)2- Comp Recharge	15,697	183,227	1,774,300	(1,591,073)	10%
40	PE3&5-Water Supply/Desalte	14,334	36,805	122,010	(85,205)	30%
41	PE4- Management Plan	17,745	245,820	412,400	(166,580)	60%
42	PE6&7-CoopEfforts/SaltMgmt	30,575	501,333	669,380	(168,047)	75%
43	PE8&9-StorageMgmt/Conj Use	39,347	298,632	867,050	(568,418)	34%
44	Recharge Improvements	-	955,086	772,770	182,316	124%
45	Administration Expenses Allocated-OBMP	4,365	62,156	232,750	(170,594)	27%
46	Administration Expenses Allocated-PE 1-9	17,640	132,131	308,080	(175,949)	43%
47	**Total OBMP Expense**	**221,214**	**3,070,055**	**7,181,730**	**(4,111,675)**	**43%**
48	**Other Expense**					
49	Groundwater Replenishment	-	54,425	180,234	(125,810)	30%
50	Other Expenses	-	-	-	-	N/A
51	**Total Other Expense**	**-**	**54,425**	**180,234**	**(125,810)**	**30%**
52	**Total Expenses**	**425,268**	**5,122,096**	**10,683,584**	**(5,561,488)**	**48%**
53	**Increase / (Decrease) to Reserves**	**$ (377,180)**	**$ 5,060,587**	**$ 274,640**	**$ 4,785,947**	

Budget to Actual

The Budget to Actual report summarizes the operating and non-operating revenues and expenses of Chino Basin Watermaster for the fiscal year-to-date (YTD). Columns are included for current monthly and YTD activity shown comparatively to the FY 25 adopted budget. The final two columns indicate the amount over or under budget, and the YTD percentage of total budget used. As of January 31st, the target budget percentage is generally 58%.

Revenues

Lines 1-5 Administration Revenue – Includes local agency subsidies and administrative assessment for the Appropriative, Agricultural and Non-Agricultural Pools. Below is a summary of notable account variances at month end:

- Line 2 Local Agency Subsidies includes the annual Dy Year Yield (DYY) administrative fee received. This account is at 100% of budget due to the timing of payment.
- Line 3-4 Administrative Assessments for the Appropriative and Non-Agricultural Pools include annual assessment invoices issued in November of each year. The Non-Agricultural Pool line is over budget due to changes in actual versus projected production.

Lines 6-12 Other Revenue – Includes Pool replenishment assessments, interest income, miscellaneous income, and carryover budget from prior years.

Expenses

Lines 14-35 Judgment Administration Expense – Includes Watermaster general administrative expenses, contract services, insurance, office and other administrative expenses. Below is a summary of notable account variances at month end:

- Line 16 Admin Salary/Benefit Costs includes wages and benefits for Watermaster administrative staff. The account is at 74% of budget due to vacation and severance payouts done in July.
- Line 17 Office Building Expense includes office lease, telephone, utilities, repair and maintenance, and building interior renovation costs. The account is at 62% of budget due to office cubicle reconfigurations not anticipated in the budget.
- Line 22 Watermaster Legal Services includes outside legal counsel expenses. The account is at 98% of budget due to personnel matters not anticipated in the budget.
- Line 23 Insurance includes general liability insurance, directors' and officers' liability, umbrella coverage, environmental pollution liability and other various insurance policies. The account is at 76% of budget due to the timing of policy renewals.
- Line 24 Dues and Subscriptions include annual dues for ACWA, SHRM, and other miscellaneous subscriptions. The account is at 79% of budget due to the timing of membership renewals.
- Line 25 Watermaster Administrative Expenses include expenses for meetings, supplies, lunch meetings, and other various expenses. The account is at 70% of budget due photography supplies purchased in December.
- Line 27 Travel & Transportation includes travel and transportation costs related to Watermaster business, not related to conferences and seminars, vehicle fuel, repairs and maintenance, and vehicle purchases. The account is at 76% of budget due to the timing of the new field vehicle purchase.

Lines 36-47 Optimum Basin Management Plan (OBMP) Expense – Includes legal, engineering, groundwater level monitoring, allocated administrative expenses, and other expenses.

Lines 48-51 Other Expense – Includes groundwater replenishment, settlement expenses, and various refunds as appropriate.

Pool Services Fund Accounting

Each Pool has a fund account created to pay their own legal service invoices. The legal services invoices are funded and paid using the fund accounts (8467 for the Overlying Agricultural Pool (OAP), 8567 for the Overlying Non-Agricultural Pool (ONAP), and 8367 for the Appropriate Pool (AP)). Along with the legal services fund account for the OAP (8467), the OAP also has two other fund accounts for Ag Pool Meeting Attendance expenses (8470), and Special Projects expenses (8471). The ONAP also has a meeting compensation fund account (8511). Additionally, the OAP has a reserve fund that is held by Watermaster and spent at the direction of the OAP. The AP also has account 8368 relating to the Tom Harder contract. These fund accounts are replenished at the direction of each Pool, and the legal service invoices are approved by the Pool leadership and when paid by Watermaster, are deducted from the existing fund account balances. If the fund account for any pool reaches zero, no further payments can be paid from the fund and a replenishment action must be initiated by the Pool.

The following tables detail the fund balance accounts as of January 31, 2025 (continued next page):

Fund Balance For Non-Agricultural Pool Account 8567 - Legal Services		
Beginning Balance July 1, 2024:	$	63,483.09
Additions:		
Interest Earnings		1,825.79
Payments received on ONAP Assessment invoices issued 11/26/24		25,000.00
Subtotal Additions:		26,825.79
Reductions:		
Invoices paid July 2024 - January 2025		(6,204.00)
Subtotal Reductions:		(6,204.00)
Available Fund Balance as of Jan. 31, 2025	**$**	**84,104.88**

Fund Balance For Appropriative Pool Account 8367 - Legal Services		
Beginning Balance July 1, 2024:	$	(9,472.87)
Additions:		
Interest Earnings		11,528.19
Payments received on AP Assessment invoices issued 11/18/21		19,274.89
Payments received on AP Assessment invoices issued 4/21/22		27,177.60
Payments received on AP Assessment invoices issued 10/14/22		48,187.23
Payments received on AP Assessment invoices issued 4/19/23		17,689.54
Payments received on AP Assessment invoices issued 10/30/23		45,992.80
Payments received on AP Assessment invoices issued 11/26/24		67,701.53
Subtotal Additions:		237,551.78
Reductions:		
Invoices paid July 2024 - January 2025		(74,269.38)
Subtotal Reductions:		(74,269.38)
Available Fund Balance as of Jan. 31, 2025	**$**	**153,809.53**

Fund Balance For Non-Agricultural Pool Account 8511 - Meeting Compensation		
Beginning Balance July 1, 2024:	$	2,250.00
Additions:		
Payments received on ONAP Assessment invoices issued 11/26/24		6,000.00
Subtotal Additions:		6,000.00
Reductions:		
Compensation paid July 2024 - January 2025		(2,875.00)
Subtotal Reductions:		(2,875.00)
Available Fund Balance as of Jan. 31, 2025	**$**	**5,375.00**

Fund Balance For Appropriative Pool Account 8368 - Tom Harder Contract		
Beginning Balance July 1, 2024:	$	20,577.61
Additions:		
Subtotal Additions:		-
Reductions:		
Invoices paid July 2024 - January 2025		-
Subtotal Reductions:		-
Available Fund Balance as of Jan. 31, 2025	**$**	**20,577.61**

Chino Basin Watermaster
Monthly Variance Report & Supplemental Schedules
For the period July 1, 2024 to January 31, 2025
(Unaudited)

Pool Services Fund Accounting – Cont.

Fund Balance for Agricultural Pool Account 8467 - Legal Services (Held by AP)		
Beginning Balance July 1, 2024*:	$	388,647.51
Reductions:		
Invoices paid July 2024 - January 2025		(78,000.00)
Subtotal Reductions:		(78,000.00)
Available Fund Balance as of Jan. 31, 2025	**$**	**310,647.51**

*Balance includes payments received totaling $262,832.38 for Settlement Agreement outstanding invoices issued Apr. 15, 2022 and Jun. 17, 2022.

Agricultural Pool Reserve Funds As shown on the Combining Schedules		
Beginning Balance July 1, 2024*:	$	818,112.17
Additions:		
YTD Interest earned on Ag Pool Funds FY 25		36,674.56
Transfer of Funds from AP to Special Fund for Legal Service Invoices		78,000.00
Total Additions:		114,674.56
Reductions:		
Legal service invoices paid July 2024 - January 2025		(78,000.00)
Subtotal Reductions:		(78,000.00)
Agricultural Pool Reserve Funds Balance as of Jan. 31, 2025:	**$**	**854,786.73**

*Balance includes payments of $102,245.10 and $42,025.61 received in FY 24 for outstanding invoices issued Sep. 9, 2022 and Apr. 20, 2023 for Ag Pool legal services, respectively.

Fund Balance For Agricultural Pool Account 8470 - Meeting Compensation (Held by AP)		
Beginning Balance July 1, 2024:	$	17,694.65
Reductions:		
Compensation paid July 2024 - January 2025		(13,250.00)
Subtotal Reductions:		(13,250.00)
Available Fund Balance as of Jan. 31, 2025	**$**	**4,444.65**

Fund Balance For Agricultural Pool Account 8471 - Special Projects (Held by AP)		
Beginning Balance July 1, 2024:	$	51,643.00
Reductions:		
Invoices paid July 2024 - January 2025		(9,454.00)
Subtotal Reductions:		(9,454.00)
Available Fund Balance as of Jan. 31, 2025	**$**	**42,189.00**

Chino Basin Watermaster
Monthly Variance Report & Supplemental Schedules
For the period July 1, 2024 to January 31, 2025
(Unaudited)

Watermaster Salary Expenses

The following table details the Year-To-Date (YTD) Actual Watermaster burdened salary costs compared to the FY 25 adopted budget. The "$ Over Budget" and the "% of Budget" columns are a comparison of the YTD actual to the annual budget. As of January 31st, the target budget percentage is generally 58%.

	Year to Date Actual	FY 24-25 Budget	$ Over / (Under) Budget	% of Budget
WM Salary Expense				
5901.1 · Judgment Admin - Doc. Review	39,323	93,860	(54,537)	41.9%
5901.3 · Judgment Admin - Field Work	1,716	11,860	(10,144)	14.5%
5901.5 · Judgment Admin - General	5,631	81,090	(75,459)	6.9%
5901.7 · Judgment Admin - Meeting	17,927	39,710	(21,783)	45.1%
5901.9 · Judgment Admin - Reporting	2,644	13,890	(11,246)	19.0%
5910 · Judgment Admin - Court Coord./Attendance	3,345	16,970	(13,625)	19.7%
5911 · Judgment Admin - Exhibit G	1,046	6,400	(5,354)	16.3%
5921 · Judgment Admin - Production Monitoring	60	5,440	(5,380)	1.1%
5931 · Judgment Admin - Recharge Applications	1,658	-	1,658	100.0%
5941 · Judgment Admin - Reporting	1,648	2,140	(492)	77.0%
5951 · Judgment Admin - Rules & Regs	-	11,260	(11,260)	0.0%
5961 · Judgment Admin - Safe Yield	24,175	9,510	14,665	254.2%
5971 · Judgment Admin - Storage Agreements	3,204	13,000	(9,796)	24.6%
5981 · Judgment Admin - Water Accounting/Database	54,865	108,290	(53,425)	50.7%
5991 · Judgment Admin - Water Transactions	4,703	5,330	(627)	88.2%
6011.11 · WM Staff - Overtime	6,174	18,000	(11,826)	34.3%
6011.10 · Admin - Accounting	131,472	278,330	(146,858)	47.2%
6011.15 · Admin - Building Admin	42,836	31,200	11,636	137.3%
6011.20 · Admin - Conference/Seminars	29,914	58,530	(28,616)	51.1%
6011.25 · Admin - Document Review	23,025	2,620	20,405	878.8%
6011.50 · Admin - General	175,642	362,560	(186,918)	48.4%
6011.60 · Admin - HR	85,177	50,450	34,727	168.8%
6011.70 · Admin - IT	40,021	34,070	5,951	117.5%
6011.80 · Admin - Meeting	54,603	39,760	14,843	137.3%
6011.90 · Admin - Team Building	14,526	41,550	(27,024)	35.0%
6011.95 · Admin - Training (Give/Receive)	18,611	64,160	(45,549)	29.0%
6017· Temporary Services	24,229	26,040	(1,811)	93.0%
6201 · Advisory Committee	17,103	82,850	(65,747)	20.6%
6301 · Watermaster Board	53,450	83,910	(30,460)	63.7%
8301 · Appropriative Pool	53,296	67,280	(13,984)	79.2%
8401 · Agricultural Pool	16,408	66,000	(49,592)	24.9%
8501 · Non-Agricultural Pool	10,324	62,710	(52,386)	16.5%
6901.1 · OBMP - Document Review	12,464	95,290	(82,826)	13.1%
6901.3 · OBMP - Field Work	1,153	50,870	(49,717)	2.3%
6901.5 · OBMP - General	48,727	81,120	(32,393)	60.1%
6901.7 · OBMP - Meeting	18,333	80,360	(62,027)	22.8%
6901.9 · OBMP - Reporting	5,934	11,040	(5,106)	53.7%
7104.1 · PE1 - Monitoring Program	110,349	275,490	(165,141)	40.1%
7201 · PE2 - Comprehensive Recharge	42,469	71,750	(29,281)	59.2%
7301 · PE3&5 - Water Supply/Desalter	-	9,510	(9,510)	0.0%
7301.1 · PE5 - Reg. Supply Water Prgm.	840	9,510	(8,671)	8.8%
7401 · PE4 - MZ1 Subsidence Mgmt. Plan	-	14,040	(14,040)	0.0%
7501 · PE6 - Coop. Programs/Salt Mgmt.	5,766	9,510	(3,744)	60.6%
7501.1 · PE 7 - Salt Nutrient Mgmt. Plan	3,203	9,510	(6,307)	33.7%
7601 · PE8&9 - Storage Mgmt./Recovery	21,561	22,520	(959)	95.7%
Subtotal WM Staff Costs	**1,230,946**	**2,529,290**	**(1,298,344)**	**49%**
60184.1 · Administrative Leave	-	6,550	(6,550)	0.0%
60185 · Vacation	84,567	90,280	(5,713)	93.7%
60185.1 · Comp Time	6,762	-	6,762	100.0%
60186 · Sick Leave	22,387	79,450	(57,063)	28.2%
60187 · Holidays	72,780	99,330	(26,550)	73.3%
Subtotal WM Paid Leaves	**186,496**	**275,610**	**(89,114)**	**68%**
Total WM Salary Costs	**1,417,442**	**2,804,900**	**(1,387,458)**	**50.5%**

Engineering

The following table details the Year-To-Date (YTD) Actual Engineering costs compared to the FY 24 adopted budget. The "$ Over Budget" and the "% of Budget" columns are a comparison of the YTD actual to the annual budget. As of January 31st, the target budget percentage is generally 58%.

	Year to Date Actual	FY 24-25 Budget	$ Over / (Under) Budget	% of Budget
Engineering Services Costs				
5901.8 · Judgment Admin - Meetings-Engineering Services	$ -	$ 37,066	$ (37,066)	0.0%
5906.71 · Judgment Admin - Data Requests-CBWM Staff	38,822	101,048	(62,226)	38.4%
5906.72 · Judgment Admin - Data Requests-Non-CBWM Staff	33,399	37,008	(3,609)	90.2%
5925 · Judgment Admin - Ag Production & Estimation	19,707	31,096	(11,390)	63.4%
5935 · Judgment Admin - Mat'l Physical Injury Requests	1,488	39,452	(37,965)	3.8%
5945 · Judgment Admin - WM Annual Report Preparation	12,659	16,924	(4,266)	74.8%
5965 · Judgment Admin - Support Data Collection & Mgmt Process	-	39,659	(39,659)	0.0%
6206 · Advisory Committee Meetings-WY Staff	4,257	23,510	(19,253)	18.1%
6306 · Watermaster Board Meetings-WY Staff	12,231	23,510	(11,279)	52.0%
8306 · Appropriative Pool Meetings-WY Staff	10,880	23,510	(12,630)	46.3%
8406 · Agricultural Pool Meetings-WY Staff	10,156	23,510	(13,354)	43.2%
8506 · Non-Agricultural Pool Meetings-WY Staff	6,456	23,510	(17,054)	27.5%
6901.8 · OBMP - Meetings-WY Staff	19,358	37,066	(17,708)	52.2%
6901.95 · OBMP - Reporting-WY Staff	40,228	62,606	(22,378)	64.3%
6906 · OBMP Engineering Services - Other	47,698	51,440	(3,743)	92.7%
6906.1 · OBMP Watermaster Model Update	6,552	67,596	(61,044)	9.7%
6906.21 · State of the Basin Report	44,574	195,188	(150,614)	22.8%
7104.3 · Grdwtr Level-Engineering	133,926	254,627	(120,701)	52.6%
7104.8 · Grdwtr Level-Contracted Services	11,800	26,174	(14,374)	45.1%
7104.9 · Grdwtr Level-Capital Equipment	4,896	17,000	(12,104)	28.8%
7202 · PE2-Comp Recharge-Engineering Services	5,116	23,496	(18,381)	21.8%
7202.2 · PE2-Comp Recharge-Engineering Services	121,337	75,944	45,393	159.8%
7302 · PE3&5-PBHSP Monitoring Program	32,878	73,305	(40,427)	44.9%
7303 · PE3&5-Engineering - Other	3,088	16,180	(13,093)	19.1%
7306 · PE3&5-Engineering - Outside Professionals	-	6,500	(6,500)	0.0%
7402 · PE4-Engineering	146,202	281,239	(135,037)	52.0%
7402.10 · PE4-Northwest MZ1 Area Project	76,348	16,656	59,692	458.4%
7403 · PE4-Eng. Services-Contracted Services-InSar	22,000	39,600	(17,600)	55.6%
7406 · PE4-Engineering Services-Outside Professionals	-	38,600	(38,600)	0.0%
7408 · PE4-Engineering Services-Network Equipment	295	17,553	(17,258)	1.7%
7502 · PE6&7-Engineering	209,812	398,309	(188,497)	52.7%
7505 · PE6&7-Laboratory Services	48,482	61,242	(12,761)	79.2%
7510 · PE6&7-IEUA Salinity Mgmt. Plan	28,891	-	28,891	100.0%
7511 · PE6&7-SAWBMP Task Force-50% IEUA	2,660	27,067	(24,407)	9.8%
7517 · Surface Water Monitoring Plan-Chino Creek - 50% IEUA	24,967	33,574	(8,607)	74.4%
7520 · Preparation of Water Quality Mgmt. Plan	2,783	130,164	(127,381)	2.1%
7610 · PE8&9-Support 2020 Mgmt. Plan	-	32,584	(32,584)	0.0%
7614 · PE8&9-Support Imp. Safe Yield Court Order	277,070	768,963	(491,893)	36.0%
7615 · PE8&9-Develop 2025 Storage Plan	-	42,632	(42,632)	0.0%
Total Engineering Services Costs	**$ 1,461,010**	**$ 3,215,108**	**$ (1,754,098)**	**45.4%**

Legal

The following table details the YTD Brownstein Hyatt Farber Schreck (BHFS) expenses and costs compared to the FY 24 adopted budget. The "$ Over Budget" and the "% of Budget" columns are a comparison of the YTD actual to the annual budget. As of January 31st, the target budget percentage is generally 58%. Due to the timing of billing, the figures below represent legal services provided through December 31, 2024, with a target budget percentage of 50%.

	Year to Date Actual	FY 24-25 Budget	$ Over / (Under) Budget	% of Budget
6070 · Watermaster Legal Services				
6071 · BHFS Legal - Court Coordination	$ 102,084	$ 144,040	$ (41,956)	70.9%
6072 · BHFS Legal - Rules & Regulations	-	10,495	(10,495)	0.0%
6073 · BHFS Legal - Personnel Matters	256,490	28,150	228,340	911.2%
6074 · BHFS Legal - Interagency Issues	-	40,536	(40,536)	0.0%
6077 · BHFS Legal - Party Status Maintenance	-	13,590	(13,590)	0.0%
6078 · BHFS Legal - Miscellaneous (Note 1)	78,108	177,240	(99,132)	44.1%
Total 6070 · Watermaster Legal Services	**436,682**	**414,051**	**22,631**	**105.5%**
6275 · BHFS Legal - Advisory Committee	5,583	27,764	(22,181)	20.1%
6375 · BHFS Legal - Board Meeting	31,673	88,704	(57,031)	35.7%
6375.1 · BHFS Legal - Board Workshop(s)	-	29,215	(29,215)	0.0%
8375 · BHFS Legal - Appropriative Pool	6,487	34,705	(28,218)	18.7%
8475 · BHFS Legal - Agricultural Pool	6,487	34,705	(28,218)	18.7%
8575 · BHFS Legal - Non-Ag Pool	6,487	34,705	(28,218)	18.7%
Total BHFS Legal Services	**56,716**	**249,798**	**(193,082)**	**22.7%**
6907.3 · WM Legal Counsel				
6907.31 · Archibald South Plume	-	12,565	(12,565)	0.0%
6907.32 · Chino Airport Plume	-	12,565	(12,565)	0.0%
6907.33 · Desalter/Hydraulic Control	-	38,680	(38,680)	0.0%
6907.34 · Santa Ana River Water Rights	370	21,405	(21,035)	1.7%
6907.36 · Santa Ana River Habitat	-	31,280	(31,280)	0.0%
6907.38 · Reg. Water Quality Cntrl Board	852	63,200	(62,348)	1.3%
6907.39 · Recharge Master Plan	73,153	14,270	58,883	512.6%
6907.41 · Prado Basin Habitat Sustainability	-	10,290	(10,290)	0.0%
6907.44 · SGMA Compliance	284	10,290	(10,006)	2.8%
6907.45 · OBMP Update	-	177,240	(177,240)	0.0%
6907.47 · 2020 Safe Yield Reset	33,915	80,190	(46,275)	42.3%
6907.48 · Ely Basin Investigation	5,359	64,890	(59,531)	8.3%
6907.49 · San Sevaine Basin Discharge	-	110,080	(110,080)	0.0%
6907.90 · WM Legal Counsel - Unanticipated	-	38,885	(38,885)	0.0%
Total 6907 · WM Legal Counsel	**113,933**	**685,830**	**(571,897)**	**16.6%**
Total Brownstein, Hyatt, Farber, Schreck Costs	**$ 607,331**	**$ 1,349,679**	**$ (742,348)**	**45.0%**

Optimum Basin Management Plan (OBMP)

The following table details the Year-To-Date (YTD) Actual OBMP costs compared to the FY 24 adopted budget. The "$ Over Budget" and the "% of Budget" columns are a comparison of the YTD actual to the annual budget. As of January 31st, the target budget percentage is generally 58%.

	Year to Date Actual	FY 24-25 Budget	$ Over / (Under) Budget	% of Budget
6900 · Optimum Basin Mgmt Plan				
6901.1 · OBMP - Document Review-WM Staff	$ 12,464	$ 95,294	$ (82,830)	13.1%
6901.3 · OBMP - Field Work-WM Staff	1,153	50,870	(49,717)	2.3%
6901.5 · OBMP - General-WM Staff	48,727	81,120	(32,393)	60.1%
6901.7 · OBMP - Meeting-WM Staff	18,333	80,360	(62,027)	22.8%
6901.8 · OBMP - Meeting-West Yost	19,358	37,066	(17,708)	52.2%
6901.9 · OBMP - Reporting-WM Staff	5,934	11,040	(5,106)	53.7%
6901.95 · OBMP - Reporting-West Yost	40,228	62,606	(22,378)	64.3%
Total 6901 · OBMP WM and West Yost Staff	**146,196**	**418,356**	**(272,160)**	**34.9%**
6903 · OBMP - SAWPA				
6903 · OBMP - SAWPA Group	15,984	15,990	(6)	100.0%
Total 6903 · OBMP - SAWPA	**15,984**	**15,990**	**(6)**	**100.0%**
6906 · OBMP Engineering Services				
6906.1 · OBMP - Watermaster Model Update	6,552	67,596	(61,044)	9.7%
6906.21 · State of the Basin Report	44,574	195,188	(150,614)	22.8%
6906 · OBMP Engineering Services - Other	47,698	51,440	(3,743)	92.7%
Total 6906 · OBMP Engineering Services	**98,824**	**314,224**	**(215,401)**	**31.5%**
6907 · OBMP Legal Fees				
6907.31 · Archibald South Plume	-	12,565	(12,565)	0.0%
6907.32 · Chino Airport Plume	-	12,565	(12,565)	0.0%
6907.33 · Desalter/Hydraulic Control	-	38,680	(38,680)	0.0%
6907.34 · Santa Ana River Water Rights	370	21,405	(21,035)	1.7%
6907.36 · Santa Ana River Habitat	-	31,280	(31,280)	0.0%
6907.38 · Reg. Water Quality Cntrl Board	852	63,200	(62,348)	1.3%
6907.39 · Recharge Master Plan	73,153	14,270	58,883	512.6%
6907.41 · Prado Basin Habitat Sustainability	-	10,290	(10,290)	0.0%
6907.44 · SGMA Compliance	284	10,290	(10,006)	2.8%
6907.45 · OBMP Update	-	177,240	(177,240)	0.0%
6907.47 · 2020 Safe Yield Reset	33,915	80,190	(46,275)	42.3%
6907.48 · Ely Basin Investigation	5,359	64,890	(59,531)	8.3%
6907.49 · San Sevaine Basin Discharge	-	110,080	(110,080)	0.0%
6907.90 · WM Legal Counsel - Unanticipated	-	38,885	(38,885)	0.0%
Total 6907 · OBMP Legal Fees	**113,933**	**685,830**	**(571,897)**	**16.6%**
6909 · OBMP Other Expenses				
6909.6 · OBMP Expenses - Miscellaneous	-	-	-	0.0%
Total 6909 · OBMP Other Expenses	**2,172**	**3,540**	**(1,368)**	**61.4%**
Total 6900 · Optimum Basin Mgmt Plan	**$ 377,109**	**$ 1,437,940**	**$ (1,060,831)**	**26.2%**

Chino Basin Watermaster
Monthly Variance Report & Supplemental Schedules
For the period July 1, 2024 to January 31, 2025
(Unaudited)

Judgment Administration

The following table details the Year-To-Date (YTD) Actual Judgment Administration costs compared to the FY 24 adopted budget. The "$ Over Budget" and the "% of Budget" columns are a comparison of the YTD actual to the annual budget. As of January 31st, the target budget percentage is generally 58%.

	Year to Date Actual	FY 24-25 Budget	$ Over / (Under) Budget	% of Budget
5901 · Admin-WM Staff				
5901.1 · Admin-Doc. Review-WM Staff	$ 39,323	$ 93,860	$ (54,537)	41.9%
5901.3 · Admin-Field Work-WM Staff	1,716	11,860	(10,144)	14.5%
5901.5 · Admin-General-WM Staff	5,631	81,090	(75,459)	6.9%
5901.7 · Admin-Meeting-WM Staff	17,927	39,710	(21,783)	45.1%
5901.8 · Admin-Meeting - West Yost	-	37,066	(37,066)	0.0%
5901.9 · Admin-Reporting-WM Staff	2,644	13,890	(11,246)	19.0%
Total 5901 · Admin-WM Staff	**67,240**	**277,476**	**(210,236)**	**24.2%**
5900 · Judgment Admin Other Expenses				
5906.71 · Admin-Data Req-CBWM Staff	38,822	101,048	(62,226)	38.4%
5906.72 · Admin-Data Req-Non CBWM Staff	33,399	37,008	(3,609)	90.2%
5910 · Court Coordination/Attend-WM	3,345	16,970	(13,625)	19.7%
5911 · Exhibit G-WM Staff	1,046	6,400	(5,354)	16.3%
5921 · Production Monitoring-WM Staff	60	5,440	(5,380)	1.1%
5925 · Ag Prod & Estimation-West Yost	19,707	31,096	(11,390)	63.4%
5931 · Recharge Applications-WM Staff	1,658	-	1,658	100.0%
5935 · Admin-Mat'l Phy Inj Requests	1,488	39,459	(37,972)	3.8%
5941 · Reporting-WM Staff	1,648	2,140	(492)	77.0%
5945 · WM Annual Report Prep-West Yost	12,659	16,924	(4,266)	74.8%
5951 · Rules & Regs-WM Staff	-	11,260	(11,260)	0.0%
5961 · Safe Yield-WM Staff	24,175	9,510	14,665	254.2%
5965 · Support Data Collect-West Yost	-	39,659	(39,659)	0.0%
5971 · Storage Agreements-WM Staff	3,204	13,000	(9,796)	24.6%
5981 · Water Acct/Database-WM Staff	54,865	108,290	(53,425)	50.7%
5991 · Water Transactions-WM Staff	4,703	5,330	(627)	88.2%
Total 5900 · Judgment Admin Other Expenses	**200,779**	**443,534**	**(242,755)**	**45.3%**
Total 5900 · Judgment Administration	**$ 268,019**	**$ 721,010**	**$ (452,991)**	**37.2%**

CHINO BASIN WATERMASTER

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STAFF REPORT

DATE: March 20, 2025

TO: Advisory Committee Members

SUBJECT: OBMP Semi-Annual Status Report 2024-2 (Consent Calendar Item I.C.)

Issue: Pursuant to the September 28, 2000 Court Order under Periodic Reporting Requirements, Watermaster produces the Semi-Annual Optimum Basin Management Program (OBMP) Status Reports. The draft report for the period July to December 2024 is presented for comments and recommendation. [Discretionary Function]

Recommendation: Recommend to the Watermaster Board to adopt the Semi-Annual OBMP Status Report 2024-2, and direct staff to file a copy with the Court, subject to any necessary non-substantive changes.

Financial Impact: None.

ACTIONS:
Appropriative Pool – March 13, 2025 [Final]: Provided advice and assistance.
Non-Agricultural Pool – March 13, 2025 [Final]: Provided advice and assistance.
Agricultural Pool – March 13, 2025 [Final]: Provided advice and assistance.
Advisory Committee – March 20, 2025 [Recommended]: Advice and assistance.
Watermaster Board – March 27, 2025 [Recommended]: Adopt and direct staff to file with the Court.

BACKGROUND

The OBMP Semi-Annual Status Report 2024-2 covers the period from July to December 2024. The report describes work conducted, and the status of the nine Program Elements of the Optimum Basin Management Program during the six-month period.

DISCUSSION

OBMP Semi-Annual Status Report 2024-2 has been drafted (Attachment 1). Once adopted by the Watermaster Board, a copy of the OBMP Semi-Annual Status Report 2024-2 will be filed with the Court.

At the Pool Committee meetings held on March 13, 2025, the Appropriative and Overlying (Agricultural) Pools unanimously recommended Advisory Committee to recommend to the Watermaster Board to adopt the Report. The Overlying (Non-Agricultural) Pool unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

ATTACHMENTS
1. OBMP Semi-Annual Status Report 2024-2

Optimum Basin Management Program

Staff Status Report 2024-2: July to December 2024

CHINO BASIN WATERMASTER

Highlighted Activities

- About 300 manual water level measurements from 35 private and 12 municipal supply wells were taken; two quarterly data downloads were conducted from 140 pressure transducers installed at various well sites; groundwater quality samples from three near river wells and four quarterly surface water quality samples from two sites were taken. Also during this reporting period, Watermaster collected groundwater quality samples from 11 MZ3 monitoring wells, 21 HCMP monitoring wells, 17 PBHSP monitoring wells, and 22 private wells.
- Pursuant to the requirement of the Peace II Subsequent Environmental Impact Report (SEIR), Watermaster, the Inland Empire Utilities Agency (IEUA), and the Orange County Water District (OCWD) continued to implement the Prado Basin Habitat Sustainability Program (PBHSP). During the reporting period, Watermaster conducted two quarterly downloads of pressure transducers at the 18 PBHSP monitoring wells, collected quarterly water quality parameters at four surface water sites, collected and reviewed riparian habitat remote sensing data for water year 2024, and collected a high-resolution air photo for the Prado Basin area.

Important Court Hearings and Orders

- **NOVEMBER 15, 2024:**
  HEARING ON: 1) THE APPROPRIATIVE POOL'S MOTION FOR AWARD OF EXPENSES, INCLUDING ATTORNEY FEES PER CONTRACT AND CIVIL CODE SECTION 1717; 2) WATERMASTER'S MOTION FOR COURT TO RECEIVE AND FILE WATERMASTER SEMI-ANNUAL OBMP STATUS REPORT 2024-1; AND ORDER GRANTING WATERMASTER'S MOTION FOR COURT TO RECEIVE AND FILE WATERMASTER SEMI-ANNUAL OBMP STATUS REPORT 2024-1

- Watermaster, in collaboration with the IEUA, initiated a new monitoring program in August 2024 to collect surface water quality samples from eight sites along Chino Creek on a monthly basis. This program aims to gather sufficient data to support the state-wide assessment of impaired water bodies. During this reporting period, 40 quarterly surface water quality samples were collected and sent to IEUA laboratories for analysis.
- Pursuant to the Chino Basin Subsidence Management Plan, Watermaster continued to implement the Ground-Level Monitoring Program (GLMP) for the MZ-1 and Northwest MZ1 areas. Watermaster collected, processed, and checked groundwater level data and aquifer-system deformation data from the Ayala Park, Chino Creek, and Pomona extensometer facilities, and groundwater production data from wells in Northwest MZ-1; continued high-resolution water-level monitoring at about 30 wells within the MZ-1 Managed Area and the Areas of Subsidence Concern; conducted one committee meeting in October 2024; and prepared the draft and final *2023-24 Annual Report for the Ground-Level Monitoring Program*.
- Watermaster finalized the technical memorandum on the 1D Model Simulation of Subsidence in Northwest MZ-1— Subsidence Management Alternative #1, which included a recommended "Northwest MZ-1 Guidance Level" to slow down rates of compaction and subsidence in Northwest MZ-1 area. Watermaster began work to construct and calibrate three new 1D Models in Ontario, near the CDA well field, and Ayala Park Extensometer.
- Watermaster and the IEUA continued to implement the 2013 Amendment to the 2010 Recharge Master Plan Update (2013 RMPU). Construction of the Wineville/Jurupa/RP3 continued, and the Lower Day project was completed. IEUA submitted a grant application for the Montclair Basins project which is delayed, and the updated project completion date is fall 2026. Watermaster and the IEUA recharged a total of 26,098 acre-feet of water: 748 acre-feet of stormwater, 9,373 acre-feet of recycled water, and 15,977 acre-feet of imported water.
- Watermaster and the IEUA continued to implement the Maximum Benefit Salt and Nutrient Management Plan and provide support to the Santa Ana Water Board staff on the Basin Plan amendment to update the commitments and requirements for the Maximum Benefit Salt and Nutrient Management Plan.
- Watermaster continued to implement elements of the 2017 Court Order, including the completion of the annual data collection and evaluation process covering the period through fiscal year 2022/23, and the continuation of the process to reevaluate the Safe Yield of the Chino Basin for the period of fiscal year 2021 through 2030.
- In December 2024, Watermaster filed a motion to approve an increase in the Safe Storage Capacity of the Chino Basin to 900,000 acre-feet through June 30, 2040.

Program Element 1: Develop and Implement a Comprehensive Monitoring Program

Fundamental to the implementation of the OBMP Program Elements are the monitoring and data collection efforts performed in accordance with Program Element 1, including monitoring basin hydrology, production, recharge, groundwater levels, groundwater quality, and ground-level movement. Various monitoring programs have and will continue to be refined over time to satisfy the evolving needs of Watermaster and the IEUA, such as new regulatory requirements and improved data coverage. Monitoring is performed by basin pumpers, Watermaster staff, and other cooperating entities as follows.

Groundwater Level Monitoring

Watermaster's basin-wide groundwater-level monitoring program supports the periodic reassessment of Safe Yield, the monitoring and management of ground-level movement, the impact analysis of desalter pumping, the impact analysis of the implementation of the Peace II Agreement on groundwater levels and riparian vegetation in the Prado Basin, the triennial recomputation of ambient water quality mandated by the Water Quality Control Plan for the Santa Ana River Basin (Basin Plan), and the assessment of Hydraulic Control—a maximum-benefit commitment in the Basin Plan. The data are also used to update and recalibrate Watermaster's computer-simulated groundwater flow model in order to assess groundwater flow directions, to compute storage changes, to support interpretations of water quality data, recompute the safe yield, and to identify areas of the basin where recharge and discharge are not in balance.

The current groundwater-level monitoring program is comprised of approximately 1,150 wells. At about 960 of these wells, groundwater levels are measured by well owners, which include municipal water agencies, the California Department of Toxic Substances Control (DTSC), the Counties, and various private consulting firms. Watermaster collects these groundwater level data semi-annually from the well owners. At the remaining 190 wells, groundwater levels are measured monthly by Watermaster staff using manual methods or by pressure transducers that record data on a 15-minute interval. These wells are mainly Agricultural Pool wells or dedicated monitoring wells located south of the 60 freeway.

All groundwater-level data are checked and uploaded to a centralized database management system that can be accessed online through HydroDaVE℠. During this reporting period, Watermaster measured approximately 300 groundwater levels at about 38 private wells and 12 municipal supply wells throughout the Chino Basin and conducted two quarterly downloads of about 140 pressure transducers installed in private, municipal, and monitoring wells. Additionally, Watermaster compiled all available groundwater level data from well owners in the basin for the April to September 2024 period.

Rehabilitation Conducted on a Monitoring Well

Groundwater Quality Monitoring

Watermaster initiated a comprehensive groundwater-quality monitoring program in which the obtained data may be used for: the biennial *Chino Basin OBMP State of the Basin* report, the triennial re-computation of ambient water quality, the demonstration of Hydraulic Control—a maximum-benefit commitment in the Basin Plan, monitoring of nonpoint-source groundwater contamination and plumes associated with point-source contamination, and assessing the overall health of the groundwater basin. Groundwater-quality data are also used in conjunction with numerical models to assist Watermaster and other parties in evaluating proposed salinity management and groundwater remediation strategies. The details of the groundwater-quality monitoring programs as of fiscal year 2024/25 are described below.

Chino Basin Data Collection (CBDC). Watermaster routinely and proactively collects groundwater-quality data from well owners including municipal and governmental agencies. Groundwater quality data are also obtained from special studies and monitoring required by orders of the Santa Ana Regional Water Quality Control Board (Santa Ana Water Board)—such as for landfills and other groundwater quality investigations, the DTSC, the US Geological Survey (USGS), and others. These data are collected semi-annually from well owners and monitoring entities. Data are collected for approximately 860 wells as part of the CBDC program. During this reporting period, Watermaster compiled data for the CBDC program for the January to June 2024 period. All groundwater quality data are checked and uploaded to a centralized database management system that can be accessed online through HydroDaVE℠.

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

Watermaster Field Groundwater Quality Monitoring Programs. Watermaster monitors groundwater quality at privately owned wells and dedicated monitoring wells on a routine basis as follows:

1. *Private Wells*. About 65 private wells, located predominantly in the southern portion of the basin, are sampled at various frequencies based on their proximity to known point-source contamination plumes. Seven wells near contaminant plumes are sampled annually, and the remaining 58 wells are sampled triennially.

2. *Watermaster Monitoring Wells*. Watermaster collects groundwater-quality samples from a total of 49 multi-nested monitoring wells at 21 well sites located throughout the Chino Basin. These monitoring well sites include: nine HCMP sites constructed to support the demonstration of Hydraulic Control in the southern Chino Basin, nine sites constructed to support the PBHSP in the Prado Basin region, and three sites that fill spatial data gaps near contamination plumes in MZ-3. Each nested well site contains up to four wells in the borehole. Additionally, Watermaster samples one single-casing well in MZ-3. Currently, the HCMP MZ-3, and Kaiser monitoring wells are sampled annually, and the PBHSP wells are sampled triennially.

3. *Other Wells*. Watermaster collects quarterly samples from three near-river wells to characterize the interaction of the Santa Ana River and groundwater. These shallow wells along the Santa Ana River consist of two former USGS National Water Quality Assessment Program wells (Archibald 1 and Archibald 2) and one Santa Ana River Water Company (SARWC) well (active Well 9). Until early 2023, there was a fourth near-river well, SARWC well 10, that was part of this monitoring program. SARWC well 10 is no longer able to be sampled because it is an old well that has deteriorated and filled in.

During this reporting period, Watermaster collected quarterly groundwater quality samples from three near river wells. Also during this reporting period, Watermaster collected groundwater quality samples from: 11 MZ3 monitoring wells, 21 HCMP monitoring wells, 17 PBHSP monitoring wells, and 22 private wells. The samples were sent to Clinical Laboratories for analysis. All groundwater quality data are checked by Watermaster staff and uploaded to a centralized database management system that can be accessed online through HydroDaVE℠.

Groundwater Production Monitoring

As of the end of this reporting period, there were a total of 415 producing wells, 222 of which were for agricultural uses. The number of agricultural wells has been decreasing in recent years due to urbanization and development. Many of the remaining active agricultural production wells are metered, and Watermaster reads the meters on a quarterly basis. Meter reads and production data are then entered into Watermaster's relational database, which can be accessed online through HydroDaVE℠.

Agricultural Meters are Being Replaced with Digital Meters

Surface Water Monitoring

CBDC of Surface Water Data. Watermaster routinely and proactively collects surface water flow and quality data from the tributary area to Chino Basin and Prado Dam terminus of the Santa Ana River. Data is collected from IEUA and publicly available data sets including California Integrated Water Quality System Project (CIWQS) and the USGS. Data are collected for approximately 30 surface water locations as part of the CBDC program. These data are collected semi-annually. During this reporting period, Watermaster collected surface water data for the January to June 2024 period. All groundwater quality data are checked and uploaded to a centralized database management system that can be accessed online through HydroDaVE℠.

Watermaster Field Surface Water Monitoring Programs. Watermaster monitors surface water quality on a routine basis as follows:

Watermaster collects grab water quality samples at two sites along the Santa Ana River (Santa Ana River at River Road and Santa Ana River at Etiwanda) on a quarterly basis. Sample data from these surface water sites and from the near-river wells are used to characterize the interaction between the Santa Ana River and nearby groundwater. During this reporting period, Watermaster collected four quarterly surface water-quality samples from the two surface water sites. The samples were sent to Clinical Laboratories for analysis.

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

Watermaster collects grab water quality samples at 8 sites along Chino Creek on a monthly basis. This is part of new monitoring program that was initiated at the start of this reporting period in July 2024. Watermaster with the IEUA developed this monitoring program to conduct monitoring of Chino Creek to have sufficient data to support the next round of the state-wide assessment of impaired water bodies subject to listing pursuant to Clean Water Act 303(d) Category 3 by the State Board and Regional Water Boards (see PE 7 Development of a surface water monitoring program in Chino Creek). During this reporting period, Watermaster and IEUA collected 40 quarterly surface water-quality samples from the eight surface water sites. The samples were sent the Laboratories at IEUA for analysis.

Prado Basin Habitat Sustainability Program (PBHSP)

Mitigation Measure 4.4-3 from the Peace II SEIR requires that Watermaster and the IEUA, in collaboration with the OCWD, form a committee, the Prado Basin Habitat Sustainability Committee (PBHSC), to develop and implement an Adaptive Management Plan for the PBHSP. The PBHSC is open to all interested participants, including the Watermaster Parties, IEUA member agencies, the OCWD, and other interested stakeholders. The objective of the PBHSP is to ensure that riparian habitat in the Prado Basin is not adversely impacted by the implementation of Peace II activities. Currently, the PBHSP consists of a monitoring program and the annual reporting on its results. The monitoring program includes an assessment of the riparian habitat and factors that could potentially impact the riparian habitat, including those factors affected by Peace II activities such as changes in groundwater levels. Sixteen monitoring wells at nine sites were constructed in 2015 to support the PBHSP. Two existing wells are also monitored as part of the PBHSP. The PBHSC developed the Adaptive Management Plan of the PBHSP to describe an initial monitoring program and a process to modify the monitoring program and/or implement mitigation strategies, as necessary.

During this reporting period, Watermaster performed the following tasks:

- Conducted the groundwater monitoring program, which included quarterly downloads in September and December 2024 of transducers that measure groundwater levels and temperature at eight PBHSP monitoring wells, and transducers that measure electrical conductivity (EC), temperature, and groundwater levels at ten PBHSP monitoring wells.
- Conducted the surface-water monitoring program at four surface water sites, which included quarterly collection of field parameters for EC and temperature in September and December 2024.
- Collected and reviewed the following riparian habitat monitoring data:
    - Normalized Difference Vegetation Index (NDVI) remote sensing data collected from Landsat satellites and processed by the USGS for water year 2024.
    - A custom flight to collect a high-resolution air photo for 2024 of the Prado Basin area. This was cost shared with the OCWD.

Chino Basin Groundwater Recharge Monitoring Program

Watermaster, the IEUA, the Chino Basin Water Conservation District, and the San Bernardino County Flood Control District jointly sponsor the Chino Basin Groundwater Recharge Program. This is a comprehensive water supply program to enhance water supply reliability and improve groundwater quality in local drinking water wells by increasing the recharge of storm, imported, and recycled waters. The recharge program is regulated under the IEUA and Watermaster's recycled water recharge permit— Santa Ana Water Board Order No. R8-2007-0039 and Monitoring and Reporting Program No. R8-2007-0039.

Watermaster and the IEUA measure the quantity of storm, imported, and recycled water that enters recharge basins using pressure transducers or staff gauges. The IEUA also conducts water-quality monitoring for all required parameters in Order No. R8-2007-0039 for recycled water, diluent water (storm water, dry-weather flow, and imported water), and groundwater. The IEUA staff samples for recycled water quality data: daily and weekly for the RP-1 and RP-4 effluent; quarterly and annually at two recycled water locations representative of recharge quality; and monthly from lysimeters at recharge basins. Most of the recycled water recharge basins have alternative compliance plans for total organic carbon (TOC) and total nitrogen (TN) using the results from the recycled water samples and the application of a correction factor for soil aquifer treatment. The IEUA also collects samples at about 15 surface water locations for stormwater and dry-weather flows. Imported water quality data for State Water Project water are obtained from the Metropolitan Water District of Southern California (MWDSC). The flow and quality data is used to calculate: 120-month blended water quality for total dissolved solids (TDS) and nitrate of all recharge sources in each recharge basin to assess adequate dilution of recycled water as required by the recycled water recharge permits held with the Division of Drinking Water

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

(DDW); and 5-year blended water quality for TDS and nitrate for all recharge sources in all recharge basins in the Chino Basin as required by the Maximum Benefit Salinity Management Plan (see the Program Element 7 update in this status report).

The IEUA also collects quarterly and annual groundwater quality samples at a network of about 35 dedicated monitoring wells and production wells that are downgradient of the recharge basins.

Monitoring Activities. During this reporting period, the IEUA performed its ongoing monitoring program to measure and record recharge volumes and to collect water quality samples for recycled water, diluent water, and groundwater pursuant to IEUA and Watermaster's permit requirements. This included collecting approximately 110 recycled water quality samples, 2 lysimeter samples, 6 diluent water quality samples, and 71 groundwater quality samples for analytical analyses. Daily composite water quality data was also collected at the RP-1 and RP-4 effluent.

Reporting. Watermaster and the IEUA completed the following compliance reports concerning the recharge program during this reporting period:

- 2Q-2024 Quarterly Report, which was submitted to the Santa Ana Water Board on August 15, 2024
- 3Q-2024 Quarterly Report, which was submitted to the Santa Ana Water Board on November 15, 2024

Ground Level Monitoring

To address the historical occurrence of land subsidence and ground fissuring in the Chino Basin, Watermaster prepared and submitted a subsidence management plan (known as the MZ-1 Plan) to the Court for approval and in November 2007, the Court ordered its implementation (see Program Element 4 in this report for more on MZ-1 Plan implementation). The MZ-1 Plan required several monitoring and mitigation measures to minimize or abate the future occurrence of land subsidence and ground fissuring. These measures and activities included:

- Continuing the scope and frequency of monitoring within the so-called Managed Area that was conducted during the period when the MZ-1 Plan was being developed.
- Expanding the monitoring of the aquifer system and ground-level movement into other areas of MZ-1 and the Chino Basin where data indicate concern for future subsidence and ground fissuring (Areas of Subsidence Concern).
- Monitoring of horizontal strain across the historical zone of ground fissuring.
- Conducting additional testing and monitoring to refine the MZ-1 Guidance Criteria for subsidence management (e.g., the Long-Term Pumping Test).
- Developing alternative pumping plans for the MZ-1 producers impacted by the MZ-1 Plan.
- Constructing and testing a lower-cost cable extensometer facility at Ayala Park.
- Evaluating and comparing ground-level surveying and Interferometric Synthetic Aperture Radar (InSAR) and recommending future monitoring protocols for both techniques.
- Conducting an aquifer storage recovery (ASR) feasibility study at a City of Chino Hills production well (Well 16) within the MZ-1 Managed Area.

Since the initial MZ-1 Plan was adopted in 2007, Watermaster has conducted the Ground-Level Monitoring Program. The main results from the GLMP show that very little permanent land subsidence has occurred in the MZ-1 Managed Area, indicating that subsidence is being successfully managed in this area, but land subsidence has been occurring in Northwest MZ-1. One concern is that land subsidence in Northwest MZ-1 has occurred differentially across the San Jose Fault, following the same pattern of differential subsidence that occurred in the MZ-1 Managed Area during the time of ground fissuring.

Based on these observations, Watermaster determined that the subsidence management plan needed to be updated to include a Subsidence Management Plan for Northwest MZ-1, with the long-term objective of minimizing or abating the occurrence of the differential land subsidence. Thus, Watermaster expanded the GLMP into Northwest MZ-1 and prepared an updated Chino Basin Subsidence Management Plan, which included the Work Plan to Develop a Subsidence Management Plan for Northwest MZ-1 (Work Plan) as an appendix.

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

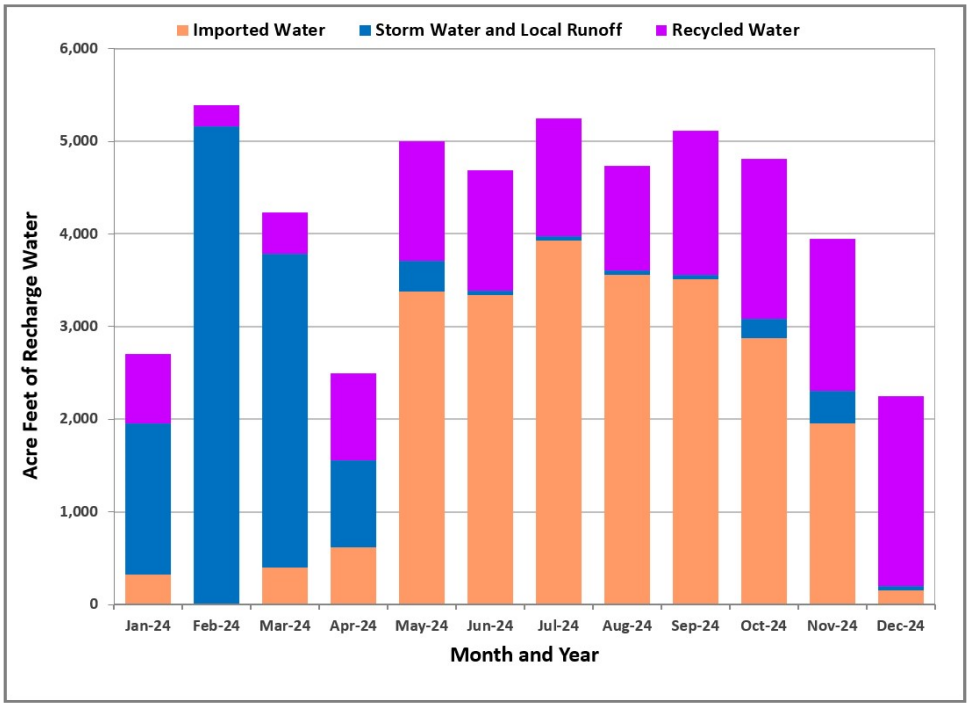
During this reporting period, Watermaster undertook the following Chino Basin Subsidence Management Plan activities:

- Continued high-resolution water-level monitoring at approximately 30 wells within the MZ-1 Managed Area and within the Areas of Subsidence Concern. All monitoring equipment was inspected at least quarterly and was repaired and/or replaced as necessary. The data collected were checked and analyzed to assess the functionality of the monitoring equipment and for compliance with the Chino Basin Subsidence Management Plan.
- Performed monthly maintenance, data collection, and verification at the Ayala Park, Chino Creek, and Pomona extensometer facilities. This included two special efforts: (i) develop plans and cost estimates to automate data collection at the extensometer facilities and (ii) improve the extensometer monitoring at the Pomona Extensometer.
- Performed InSAR analyses of vertical ground motion across all areas of subsidence concern for the periods 2022-23 and 2023-24.
- Continued monitoring of Northwest MZ-1 pursuant to the Work Plan:
    - Collected, processed, and checked groundwater level and production data from wells in Northwest MZ-1 on a monthly basis.

Program Element 2: Develop and Implement a Comprehensive Recharge Program

The objectives of the comprehensive recharge program include: enhancing the yield of the Chino Basin through the development and implementation of a Recharge Master Plan to improve, expand, and construct recharge facilities that enable the recharge of storm, recycled, and imported waters; ensuring a balance of recharge and discharge in the Chino Basin management zones; and ensuring that sufficient storm and imported waters are recharged to comply with the recycled water dilution requirements in Watermaster and the IEUA's recycled water recharge permits.

Pursuant to Program Element 2 of the OBMP, Watermaster and the IEUA partnered with the San Bernardino County Flood Control District and the Chino Basin Water Conservation District to construct and/or improve 18 recharge sites. This project is known as the Chino Basin Facilities Improvement Project (CBFIP). The average annual stormwater recharge of the CBFIP facilities is approximately 10,000 acre-feet per year, the supplemental "wet"[1] water recharge capacity is about 56,600 acre-feet per year, and the in-lieu supplemental water recharge capacity ranges from 26,600 to 45,200 acre-feet per year. In addition to the CBFIP facilities, the Monte Vista Water District (MVWD) has four ASR wells with a well injection capacity of about 5,500 acre-feet per year. The current total supplemental water recharge capacity ranges from 99,000 to 123,000 acre-feet per year, which is greater than the projected supplemental water recharge capacity required by Watermaster.



[1] The modifier "wet" means actual physical water is being recharged in spreading basins as opposed to the dedication of water from storage or in-lieu recharge.

Program Element 2: Develop and Implement a Comprehensive Recharge Program (Continued)

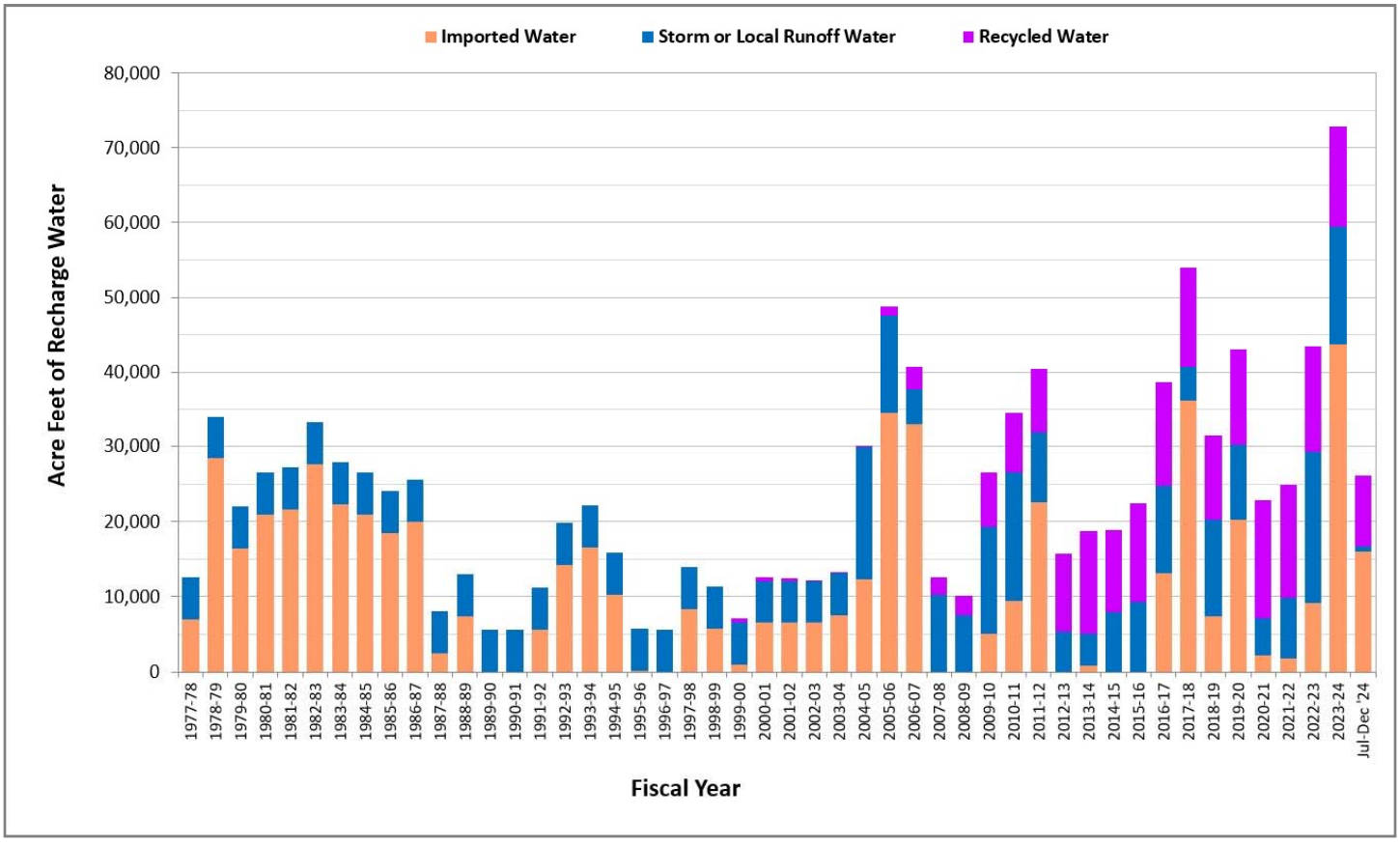
In 2008, Watermaster began preparing the *2010 Recharge Master Plan Update* (2010 RMPU) pursuant to the December 21, 2007 Court Order (the Peace II Agreement) to complete a Recharge Master Plan Update by July 1, 2010. In October 2010, the Court accepted the 2010 RMPU as satisfying the condition and ordered that certain recommendations of the 2010 RMPU be implemented. In November 2011, Watermaster reported its progress to the Court pursuant to the October 2010 Court Order, and in December 2011, the Court issued an order directing Watermaster to continue with its implementation of the 2010 RMPU per its October 2010 order but with a revised schedule. On December 15, 2011, the Watermaster Board moved to:

> "approve that within the next year there will be the completion of [a] Recharge Master Plan Update, there will be the development of an Implementation Plan to address balance issues within the Chino Basin subzones, and the development of a Funding Plan, as presented."

This motion led to the development of an update to the 2010 RMPU and in 2012, Watermaster staff sent out a "call for projects" to the Watermaster Parties, seeking their recommendations for recharge improvement projects that should be considered in the update. The *2013 Amendment to the 2010 Recharge Master Plan Update* (2013 RMPU) outlines the recommended projects to be implemented by Watermaster and the IEUA and lays out the implementation and financing plans. The 2013 RMPU report was approved by the Watermaster Board in September 2013 and filed with the Court in October 2013. In December 2013, the Court approved the 2013 RMPU except for Section 5, which dealt with the accounting for new recharge from Municipal Separate Stormwater Sewer Systems; Section 5 was later approved by the Court in April 2014.

In September 2018, Watermaster completed the 2018 Recharge Master Plan Update (2018 RMPU) and submitted it to the Court in October 2018. On December 28, 2018, the Court approved the 2018 RMPU.

In September 2023, Watermaster completed the 2023 Recharge Master Plan Update (2023 RMPU) and submitted it to the Court in October 2023. The Court approved the 2023 RMPU on December 6, 2023.



Program Element 2: Develop and Implement a Comprehensive Recharge Program (Continued)

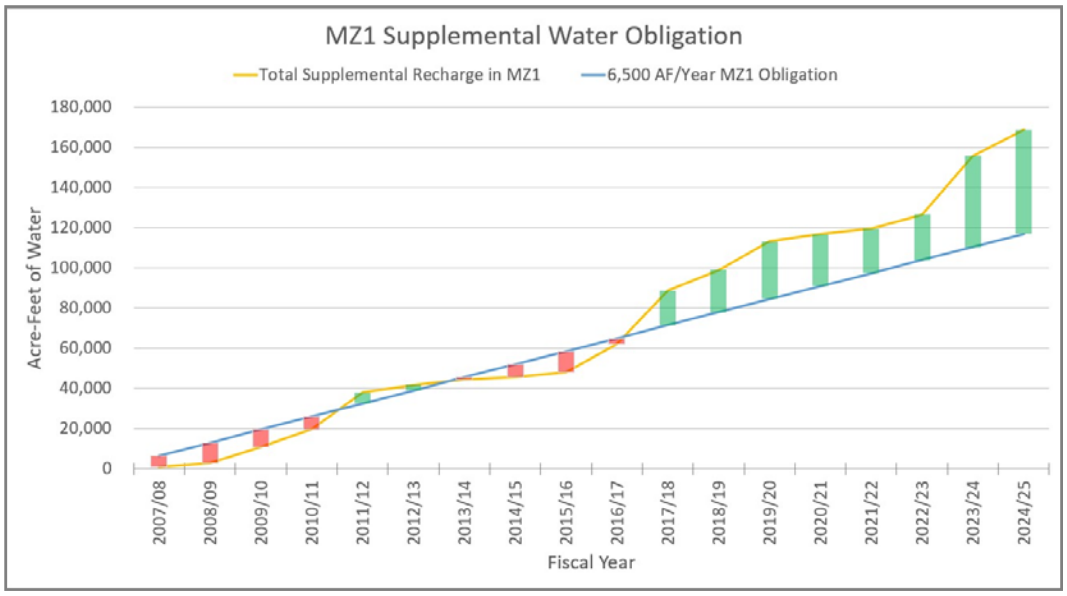
2013 RMPU Implementation. Watermaster and the IEUA are continuing to carry out the October 2013 Court Order, which authorizes them to implement the 2013 RMPU. Construction of the San Sevaine Basin improvements was completed in September 2018, the construction of the Victoria Basin improvements was completed in December 2018, and the construction of the Lower Day project was completed in August 2024. During this reporting period, the construction work for Wineville/Jurupa/RP3 continued. IEUA submitted an application for additional grant funding for the Montclair Basins project, which was delayed due to the permitting process with the Department of Fish and Wildlife and Basin operations for Dry-Year-Yield deliveries. The updated project completion date for Montclair Basins is fall 2026.

Additionally, Watermaster and the IEUA continue to collaborate in the development of projects outside of the 2013 RMPU effort that will increase and/or facilitate stormwater and supplemental water recharge and have jointly funded these projects, including monitoring upgrades and habitat conservation. During this reporting period, no projects were completed.

The Recharge Investigation and Projects Committee met two times during this reporting period on the progress of implementing the 2013 RMPU Projects and other recharge-related projects.

Recharge for Dilution of Recycled Water. In fiscal year 2009/10, Watermaster and the IEUA's recycled water recharge permit was amended to allow for existing underflow dilution and extended the period for calculating dilution from a running 60-month to a running 120-month period. Additionally, the IEUA has worked with the DDW to obtain approval to increase the allowable recycled water contribution (RWC) at wells to 50 percent. These permit amendments allow for increased recycled water recharge without having to increase the amount of imported and storm waters required for dilution. The IEUA projects its dilution requirements as part of its annual reporting to the Santa Ana Water Board. Based on the latest Annual Report (May 2024)[2], the IEUA projects that dilution requirements will be met through 2031 even if no imported water is available for dilution.

Recharge Activities. During this reporting period, ongoing recycled water recharge occurred in the Brooks, 8th Street, Ely, Turner, Victoria, San Sevaine, Hickory, Banana, RP-3, and Declez Basins; stormwater was recharged at 18 recharge basins across all Chino Basin management zones; and imported water was recharged at the Intex property, Upland, College Heights, Montclair, Lower Day, Etiwanda, San Sevaine, Jurupa, Hickory, and RP-3. From July 1 through December 31, 2024, Watermaster and the IEUA recharged a total of 26,098 acre-feet of water: 748 acre-feet of stormwater, 9,373 acre-feet of recycled water, and 15,977 acre-feet of imported water.



Balance of Recharge and Discharge in MZ-1. The total amount of supplemental water recharged in MZ-1 since the Peace II Agreement through December 31, 2024 was approximately 168,739 acre-feet, which is about 51,739 acre-feet more than the 117,000 acre-feet required by June 30, 2025 (annual requirement of 6,500 acre-feet). The amount of supplemental water recharged into MZ1 during the reporting period was approximately 13,027 acre-feet.

[2] https://www.ieua.org/wp-content/uploads/2024/05/CBRW-GRP-2023-Annual-Report-Final.pdf

Program Element 3: Develop and Implement Water Supply Plan for the Impaired Areas of the Basin; and Program Element 5: Develop and Implement Regional Supplemental Water Program

As stated in the OBMP, "the goal of Program Elements 3 and 5 is to develop a regional, long range, cost effective, equitable, water supply plan for producers in the Chino Basin that incorporates sound basin management." One element of the water supply plan is to replace the decline in agricultural groundwater production in the south part of the Basin to prevent significant amounts of degraded groundwater from discharging to the Santa Ana River and achieve Hydraulic Control—a maximum-benefit commitment in the Basin Plan. Replacing the decline in agricultural groundwater production will also mitigate the reduction of the Safe Yield of the basin and allow for more flexibility in the basin's supplemental water supplies if the produced groundwater is treated. This is achieved through the operation of the Chino Basin Desalter facilities, which comprise a series of wells and treatment facilities in the southern Chino Basin designed to replace the decline of the agricultural groundwater producers and treat and serve this groundwater to various Appropriative Pool members.

The Chino I Desalter expansion and the Chino II Desalter facilities were completed in February 2006, bringing the total Chino Basin Desalter capacity to about 32,500 acre-feet per year (29 million gallons per day [MGD]). Development and planning continued between the Chino Basin Desalter Authority (CDA) and Watermaster to expand the groundwater production and treatment capacity of the Chino Basin Desalters by another 10 MGD for a total groundwater production to 40,000 acre-feet per year. More than $77 million in grant funds were secured toward this expansion. As currently configured, the Chino I Desalter treats about 14,500 acre-feet of groundwater per year (12.9 MGD) pumped from 14 wells (I-1 through I-11, I-13 through I-18, I-20, and I-21). This water is treated through ion exchange (nitrate removal), and/or reverse osmosis (for nitrate and TDS removal), and granulated activated carbon ([GAC] for volatile organic compound [VOC] removal). The VOC removal at Chino II Desalter is part of the remedial solution for the Chino Airport Plume (see Chino Airport Plumes section under PE 6 in this report). The Chino II Desalter treat about 25,500 acre-feet of groundwater per year (22.7 MGD) from pumping at eleven wells (II-1 through II-4 and II-6 through II-12). This water is treated through ion exchange and/or reverse osmosis, and air strippers (for VOC removal). The VOC removal at Chino I Desalter is part of the remediation action plan to clean up the South Archibald Plume (see the Program Element 6 update in this status report).

The most recently completed expansion of the Chino Basin Desalters was completed in 2021which included three wells (Wells II-10, II-11, and II-12) and facilities for the Chino II Desalter. These wells helped achieve the total of 40,000 acre-feet per year of groundwater pumping combined at the desalter well fields to maintain Hydraulic Control. These wells are also being utilized as part of the remediation action plan to clean up the South Archibald Plume (see the Program Element 6 update in this status report). The Chino Bain Desalters reached the 40,000 acre-feet per year of pumping capacity in June 2020, prior to the full commencement of pumping at these new wells. During the reporting period, the Chino Basin Desalters maintained the pumping rate of 40,000 acre-feet per year.

Program Element 4: Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1

Because of the historical occurrence of pumping induced land subsidence and ground fissuring in southwestern Chino Basin (Managed Area), the OBMP required the development and implementation of an Interim Management Plan (IMP) for MZ-1 that would:

- Minimize subsidence and fissuring in the short-term.
- Collect the information necessary to understand the extent, rate, and mechanisms of subsidence and fissuring.
- Formulate a management plan to reduce to tolerable levels or abate future subsidence and fissuring.

From 2001-2005, Watermaster developed, coordinated, and conducted an IMP under the guidance of the MZ-1 Technical Committee (referred to now as the Ground-Level Monitoring Committee or GLMC). The investigation provided enough information for Watermaster to develop Guidance Criteria for the MZ-1 producers in the investigation area that, if followed, would minimize the potential for subsidence and fissuring during the completion of the MZ-1 Plan. The Guidance Criteria included a list of Managed Wells and their owners subject to the criteria, a map of the so-called Managed Area, and an initial threshold water level (Guidance Level) of 245 feet below the top of the PA-7 well casing. The MZ-1 Summary Report and the Guidance Criteria were adopted by the Watermaster Board in May 2006. The Guidance Criteria formed the basis for the MZ-1 Plan, which was approved by Watermaster in October 2007. The Court approved the MZ-1 Plan in November 2007 and ordered its implementation. Watermaster has implemented the MZ-1 Plan since that time, including the ongoing Ground-Level Monitoring Program called for by the MZ-1 Plan (refer to in Program Element 1).

Program Element 4: Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1 (Continued)

The MZ-1 Plan states that if data from existing monitoring efforts in the so-called Areas of Subsidence Concern indicate the potential for adverse impacts due to subsidence, Watermaster will revise the MZ-1 Plan pursuant to the process outlined in Section 3 of the MZ-1 Plan. In early 2015, Watermaster prepared an update to the MZ-1 Plan, which included a name change to the *2015 Chino Basin Subsidence Management Plan*, and a *Work Plan to Develop the Subsidence Management Plan for Northwest MZ-1* (Work Plan) as an appendix. The Chino Basin Subsidence Management Plan and the Work Plan were adopted through the Watermaster Pool process in July 2015.

The data, analysis, and reports generated through the implementation of the MZ-1 Plan, Chino Basin Subsidence Management Plan, and Work Plan are reviewed and discussed by the GLMC, which meets on a periodic basis throughout the year. The GLMC is open to all interested participants, including the Watermaster Parties and their consultants. During this reporting period, Watermaster undertook the following data analysis and reporting tasks:

- Finalized the technical memorandum: *1D Model Simulation of Subsidence in Northwest MZ—Subsidence Management Alternative #1*. This work was performed to understand the potential future rates of subsidence in Northwest MZ-1 through 2050 under the pumping/recharge plans of the parties as simulated for the 2020 Safe Yield Reset. The recommendation from this work is that Watermaster should establish a "Northwest MZ-1 Guidance Level" of 630 ft above-mean sea level (amsl) for hydraulic heads in Layers 3 and 5 at the PX location. The Guidance Level approximates the current and projected heads in Layer 1 where the current and projected rates of compaction are the lowest. The Guidance Level would be an aspirational Watermaster recommendation that, if achieved, would likely slow the rates of compaction and subsidence to more tolerable levels over time.

- Prepared draft and final *2023-24 Annual Report for the Ground-Level Monitoring Program*. The final report included the Watermaster Engineer's responses to GLMC comments on the draft annual report.

- Worked on the construction and calibration of three additional 1D Models in Ontario, near the CDA well field, and at the Ayala Park Extensometer. These new 1D Models will be used to estimate the potential for future land subsidence associated with future projections of pumping and recharge in the Chino Basin, such as in future Safe Yield resets and reevaluations.

Ground Level Monitoring Equipment at Ayala Park

A GLMC meeting was conducted during the reporting period on October 3, 2024. The meeting presentation and agenda packet were posted to the Watermaster's website. The meeting agenda included:

- Draft *2023-24 Annual Report for the Ground-Level Monitoring Program.*

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management

Program Elements 6 and 7 are necessary to address the water quality management problems in the Chino Basin. During the development of the OBMP, it was identified that Watermaster did not have sufficient information to determine whether point and non-point sources of groundwater contamination were being adequately addressed, including the various Chino Basin contaminant plumes. With the Santa Ana Water Board and other agencies, Watermaster has worked to address the following major point source contaminant plumes in the Chino Basin:

South Archibald Plume

In July 2005, the Santa Ana Water Board prepared draft Cleanup and Abatement Orders (CAOs) for six parties who were tenants on the Ontario Airport regarding the South Archibald Trichloroethene (TCE) Plume in the southern portion of the Chino Basin. The draft CAOs required the parties to "submit a work plan and time schedule to further define the lateral and vertical extent of the TCE and related VOCs that are discharging, have been discharged, or threaten to be discharged from the site" and to "submit a detailed remedial action plan, including an implementation schedule, to cleanup or abate the effects of the TCE and related VOCs." Four of the

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management (Continued)

six parties (Aerojet-General Corporation, The Boeing Company, General Electric, and Lockheed Martin) voluntarily formed a group known as ABGL to work jointly on a remedial investigation. Northrop Grumman declined to participate in the group. The US Air Force, in cooperation with the US Army Corps of Engineers, funded the installation of one of the four clusters of monitoring wells installed by the ABGL Parties.

In 2008, Santa Ana Water Board staff continued conducted research pertaining to the likely source of the TCE contamination and identified discharges of wastewater that may have contained TCE to the RP-1 treatment plant and associated disposal areas as a potential source. The Santa Ana Water Board identified several industries, including some previously identified tenants of the Ontario Airport property, that likely used TCE solvents before and during the early-1970s, and discharged wastes to the Cities of Ontario and Upland's sewage systems and subsequently to the RP-1 treatment plant and disposal areas. In 2012, an additional Draft CAO was issued by the Santa Ana Water Board jointly to the City of Ontario, City of Upland, and IEUA as the previous and current operators of the RP-1 treatment plant and disposal area (collectively, the RP-1 Parties). In part, the draft CAOs required that RP-1 Parties "supply uninterrupted replacement water service […] to all residences south of Riverside Drive that are served by private domestic wells at which TCE has been detected at concentrations at or exceeding 5 µg/L […]" and to report this information to the Santa Ana Water Board. In addition, the RP-1 Parties are to "prepare and submit [a] […] feasibility study" and "prepare, submit and implement the Remedial Action Plan" to mitigate the "effects of the TCE groundwater plume."

Under the Santa Ana Water Board's oversight, the ABGL Parties and/or the RP-1 Parties conducted four sampling events at private residential wells and taps between 2007 and 2014 in the region where groundwater is potentially contaminated with TCE. By 2014, all private wells and/or taps in the region of the plume had been sampled at least once. Alternative water systems (tanks) have been installed at residences in the area where well or tap water contains TCE at or above 80 percent of the maximum contaminant level (MCL) of 5 µg/L. Watermaster has also been sampling at the private wells.

In July 2015, the RP-1 Parties completed the Draft Feasibility Study Report for the South Archibald Plume (Feasibility Study). The Feasibility Study established cleanup objectives for both domestic water supply and plume remediation and evaluated alternatives to accomplish these objectives. In November 2015, a revised Draft Feasibility Study, Remedial Action Plan, and Responses to Comments were completed to address input from the public, the ABGL, and others. In September 2016, the Santa Ana Water Board issued the Final CAO R8-2016-0016 collectively to the RP-1 Parties and the ABGL Parties. The Final CAO was adopted by all parties in November 2016, thus approving the preferred plume remediation and domestic water supply alternatives identified in the Remedial Action Plan. The parties also reached a settlement agreement that aligns with the Final CAO and authorizes funding to initiate implementation of the plume remediation alternative.

The plume remediation alternative involves the use of CDA production wells and facilities. The RP-1 Parties reached a Joint Facility Development Agreement with the CDA for the implementation of a project designed in part to remediate the South Archibald Plume. The project, termed the Chino Basin Improvement and Groundwater Clean-up Project, includes the operation of three newly constructed CDA wells (II-10, II-11, and II-12) and a dedicated pipeline connecting the three wells and the existing CDA well I-11 to the Desalter II treatment facility. It also includes the addition of an air stripping system at the treatment facility to remove TCE and other VOCs. Construction of two of the three wells (II-10 and II-11) were completed and became operational in 2018 and construction of an onsite monitoring well near the proposed location of CDA well II-12 (II-MW-3) was completed in 2019. The construction of well II-12 was completed in November 2020. In the first half of 2021, the RP-1 Parties and the CDA submitted the final *Monitoring and Reporting Plan for the Chino Basin Improvement and Groundwater Clean-up Project* to the Santa Ana Water Board and completed the construction of five multi-depth monitoring wells at two locations in the South Archibald Plume (II-MW-4 and II-MW-5). In 2021, the CDA completed the equipping of well II-12, the modification to the decarbonator, and the construction of the raw water pipeline, and the project became operational in August of 2021. The Monitoring and Reporting plan stipulates ongoing quarterly sampling at the CDA production and monitoring wells within and near the plume and at nearby agency-owned wells.

The domestic water supply alternative for the private residences affected by TCE groundwater contamination is a hybrid between the installation of tank systems for some residences, where water is delivered from the City of Ontario potable supply via truck deliveries, and the connection of some residences to the City of Ontario potable water system. Residences without a tank system or pipeline connection receive bottled water. The Cities of Ontario and Upland have assumed responsibility for implementing the domestic water supply alternative. In February 2017, the Cities of Ontario and Upland submitted the Domestic Water Supply Work Plan to the Santa Ana Water Board to outline the approach to monitoring and supplying alternative water supplies for affected residences. The City of Ontario will continue to monitor for potentially affected residences to ensure that an alternative water supply is offered and provided

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management (Continued)

to any residences with TCE concentrations greater than 80% of the MCL for TCE. During this reporting period the City of Ontario completed the annual water supply sampling event at private residences pursuant to the Domestic Water Supply Plan and prepared and submitted a monitoring report of the results to the Santa Ana Water Board in December 2024. As of the end of 2024, there are 22 affected residences that are being supplied water by tank systems, and five affected residences that remain on bottled water.

Watermaster delineates the spatial extent of the plume using data collected from their own sampling at private wells in the area and data collected as part of their data collection program. Watermaster completed its most recent characterization of the plume in June 2023 for the 2022 Chino Basin OBMP State of the Basin Report. In October of this reporting period, Watermaster prepared a semi-annual status report on the South Archibald Plume for Watermaster Parties.

Chino Airport Plume

In 1990, the Santa Ana Water Board issued CAO No. 90-134 to the County of San Bernardino, Department of Airports (County) to address groundwater contamination originating from Chino Airport. During 1991 to 1992, ten underground storage tanks and 310 containers of hazardous waste were removed, and 81 soil borings were drilled and sampled on the airport property. From 2003 to 2005, nine onsite monitoring wells were installed and used to collect groundwater quality samples. In 2007, the County conducted its first offsite monitoring effort, and in 2008, the Santa Ana Water Board issued CAO No. R8-2008-0064, requiring the County to define the lateral and vertical extent of the plume and prepare a remedial action plan. From 2009 to 2015, Tetra Tech, consultant to the County, constructed 66 monitoring wells and conducted several off-site and on-site plume characterization studies to delineate the areal and vertical extent of the plume and determined that there were both east and west TCE and 1,2,3-TCP plumes. In August 2016, the County completed a Draft Feasibility Study to identify remedial action objectives and evaluate remediation alternatives for mitigation. In January 2017, the Santa Ana Water Board issued CAO R8-2017-0011, which requires the County to prepare a Final Feasibility Study that incorporates comments from the Santa Ana Water Board and to prepare, submit, and implement a Remedial Action Plan. The County submitted a Final Feasibility Study on June 6, 2017, and it was approved by the Santa Ana Water Board on June 7, 2017. On December 18, 2017, the County submitted the *Draft Interim Remedial Action Plan* with the remediation alternative of a groundwater pump-and-treat system to provide hydraulic containment and treatment of the Chino Airport plumes. The system consists of ten extraction wells that will produce approximately 1,700 gallons per minute along with groundwater produced from CDA's I-16 through I-18. CDA's I-20 and I-21 will be added to the system as needed. The groundwater extracted will be conveyed to a new GAC system constructed by the CDA and funded by the County (South GAC System). An additional treatment system (North GAC System) constructed by CDA treats water from four CDA wells (I-I through I-4) that produce from the lower aquifer in the plume; however, this system is not associated with the County's remedial action. Once treated at the South GAC system, water will be conveyed to the existing Chino I Desalter that uses reverse osmosis and ion exchange to treat for nitrate and TDS and will be discharged for use as potable municipal water supply.

Since 2018, the County constructed five extraction wells, 12 piezometers, and 14 monitoring wells to assist with the design for the remedial solution and delineation of the plumes. In 2022, the County completed the final *Remedial Action Work Plan* which divides the construction of the pump and treat system into two phases. The first Phase (1) is in progress and includes the construction of the onsite extraction wells, conveyance pipeline, and additional monitoring wells. From July to December 2023, the remaining onsite extraction wells were constructed, and in March 2024 construction initiated on the conveyance pipeline. During this reporting period the County continued construction of the pipeline and completed well construction reports for all five onsite extraction wells. Phase 2 is expected to commence in 2025 with the construction of the offsite extraction wells. In April 2023, CDA wells I-17 (offline for 5 years) and I-18 (never been online) within the Chino Airport plume began pumping and conveyed groundwater for treatment at the South GAC System. The North GAC System began operation in April 2023.

Watermaster has commitments to this area within the vicinity of the Chino Airport to maintain Hydraulic Control and to avoid impacts to the groundwater dependent riparian habitat in the Prado Basin, and in 2018 Watermaster used the Chino Basin groundwater flow model to analyze how increased groundwater production for the remedial solution will affect groundwater levels within the vicinity. Watermaster completed the modeling and prepared a technical memorandum to describe the results, which concluded that operation of the remedial solution would improve Hydraulic Control in this area. In January 2022, the County completed construction of six piezometers near the riparian habitat along Chino Creek and initiated monitoring of groundwater levels for potential impacts from pumping at the remedial solution.

The County conducts quarterly and/or annual monitoring events at all 89 of their monitoring wells constructed to date, as well as four onsite agricultural wells. The conclusions from this monitoring program can be found in reports posted on the State Water Board's GeoTracker website. The most recent monitoring report submitted to the Santa Ana Water Board is the *Semiannual Groundwater*

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management (Continued)

Monitoring Report Winter and Spring 2024 Chino Airport, San Bernardino County, California, the results from the January band April 2024 sampling events. Watermaster also samples for water quality at private and monitoring wells in the area and uses this and other data obtained from its data collection programs to independently delineate the spatial extent of the plumes. Watermaster completed its most recent characterization of the plumes in June 2023 for the *2022 Chino Basin OBMP State of the Basin Report*. In October of this reporting period, Watermaster prepared a semi-annual status report on the Chino Airport Plume for Watermaster Parties.

Other Plumes

Watermaster continues to track the monitoring programs and mitigation measures associated with other point sources in the Chino Basin, including: Alumax Aluminum Recycling, Alger Manufacturing Facility, the Former Crown Coach Facility, General Electric Test Cell and Flatiron, Former Kaiser Steel Mill, Milliken Landfill, Upland Landfill, and the Stringfellow National Priorities List sites. During this reporting period in October 2024 Watermaster prepared the most recent annual status reports for the GE Test Cell, GE Flatiron, Milliken Landfill, California Institution for Men, Stringfellow Plumes, and the former Kaiser Steel Mill site. The most current Watermaster delineations of the extent of these plumes were completed in June 2023 for the 2022 Chino Basin OBMP State of the Basin Report.

Water Quality Management Program

Through the collaborative stakeholder process to update the OBMP in 2020 (see 2020 OBMP Update section of this report), the parties identified a new management action under PE 6 to develop a Water Quality Management Program that addresses contaminants of emerging regulations of concern to better prepare the parties for addressing compliance with new State and Federal drinking water regulations, and provide for the long-term maximum beneficial use of the basin. It was identified that reconvening the Water Quality Committee (WQC) that met historically from 2003 to 2010 to implement PE 6 of the 2000 OBMP would be the ideal approach to guide the development and implementation of the WQMP. Watermaster held a kick-off meeting in October 2023 to reconvene the WQC. Two additional WQC meetings were conducted during the first half of 2024 to develop an initial Emerging Contaminants Monitoring Plan (ECMP), and a framework and scope for a WQMP. During this reporting period there were no WQC meetings. Also during this reporting period Watermaster collected samples for the parameters that are part of the ECMP during the routine groundwater sampling that is part of PE 1.

Program Element 7: Develop and Implement a Salt Management Program

Maximum Benefit Salt and Nutrient Management Plan

In January 2004, the Santa Ana Water Board amended the Basin Plan to incorporate an updated TDS and nitrogen (N) management plan. The Basin Plan amendment includes both "antidegradation" and "maximum-benefit" objectives for TDS and nitrate for the Chino-North and Cucamonga groundwater management zones (GMZs). The maximum-benefit objectives allow for recycled water reuse and recharge of recycled and imported waters, which is an integral part of the OBMP, without the immediate need for mitigation. The application of the maximum-benefit objectives is contingent on the implementation of specific projects and requirements termed the maximum-benefit commitments by Watermaster and IEUA. The status of compliance with each commitment is reported to the Santa Ana Water Board annually in April. The nine maximum-benefit commitments include:

1. The development and implementation of a surface water monitoring program.
2. The development and implementation of a groundwater monitoring program.
3. The expansion of the Chino I Desalter to a capacity of 10 MGD and the construction of the Chino II Desalter with a design capacity of 10 MGD.
4. The additional expansion of desalter capacity (to 40 MGD) pursuant to the OBMP and the Peace Agreement (tied to the IEUA's agency-wide effluent TDS concentration).
5. The completion of the recharge facilities included in the Chino Basin Facilities Improvement Program.
6. The management of recycled water quality to ensure that the IEUA agency-wide, 12-month volume-weighted running average TDS and TIN concentrations do not exceed 550 mgl and 8 mgl, respectively.

Program Element 7: Develop and Implement a Salt Management Program (Continued)

7. The management of water quality in artificial recharge to ensure that the five-year volume-weighted running average TDS and nitrate concentrations in artificial recharge of recycled, imported, and storm waters are less than or equal to the maximum-benefit objectives of 420 mgl and 5 mgl, respectively.

8. The achievement and maintenance of the "Hydraulic Control" of groundwater outflow from the Chino-North GMZ to protect Santa Ana River water quality and downstream beneficial uses.

9. The determination of ambient TDS and nitrate concentrations of Chino Basin groundwater every five years.[3]

Monitoring Programs. Pursuant to maximum-benefit commitment numbers 1 and 2, Watermaster and the IEUA submitted a surface water and groundwater monitoring program work plan to the Santa Ana Water Board in May 2004. On April 15, 2005, the Santa Ana Water Board adopted resolution R8-2005-0064, approving Watermaster and the IEUA's surface and groundwater monitoring programs (2005 Work Plan). These monitoring programs were implemented pursuant to the 2005 Work Plan from 2004 to 2012. On February 12, 2012, the Santa Ana Water Board adopted an amendment to the Basin Plan to remove all references to the specific monitoring locations and sampling frequencies required for groundwater and surface water monitoring. The Basin Plan amendment allows the monitoring programs to be modified over time, subject to the approval of the Executive Officer of the Santa Ana Water Board. On December 6, 2012, the State Office of Administrative Law finalized the approval of the Basin Plan amendment. In place of specific monitoring requirements, the Basin Plan amendment required that Watermaster and the IEUA submit (i) a new surface water monitoring program work plan by February 25, 2012, and (ii) a new groundwater monitoring program work plan by December 31, 2013 to the Santa Ana Water Board for approval. Pursuant to (i), Watermaster and the IEUA submitted the *2012 Hydraulic Control Monitoring Program Work Plan*, which was approved by the Santa Ana Water Board in March 2012. Pursuant to (ii), Watermaster and the IEUA submitted the *2014 Maximum-Benefit Monitoring Program Work Plan* (2014 Work Plan), which was approved by the Santa Ana Water Board in April 2014. The 2014 Work Plan describes the questions to be answered by the monitoring program, the methods that will be employed to address each question, the monitoring and data collection that will be performed to implement the methods, and a reporting schedule. The monitoring pursuant to the 2014 Work Plan is incorporated as part of the groundwater level, groundwater quality, and surface water monitoring programs described in Program Element 1. During this reporting period, Watermaster continued to implement the monitoring programs (see Program Element 1 for details).

Extracted Salt at the Chino Desalter Authority II Facility

Hydraulic Control and Chino Basin Desalters. Pursuant to maximum-benefit commitment number 8, to achieve and maintain Hydraulic Control, the Chino Basin Desalters were expanded (maximum-benefit commitment numbers 3 and 4) to increase production in the southern portion of the Chino Basin. The Chino Basin Desalters are designed to replace the decreased agricultural production that previously prevented the outflow of high TDS and nitrate groundwater to the Santa Ana River and the Prado Basin surface water management zone (PBMZ). Hydraulic Control is defined in the Basin Plan as the elimination of groundwater discharge from the Chino-North GMZ to the Santa Ana River to a *de minimis* level. Pursuant to commitment number 8, Watermaster and the IEUA submitted a mitigation plan (2005 Mitigation Plan) to the Santa Ana Water Board in March 2005. This plan demonstrated how Watermaster and the IEUA would address the mitigation for any temporary loss of Hydraulic Control. In October 2011, the Santa Ana Water Board defined the *de minimis* discharge of groundwater from the Chino-North GMZ to the PBMZ as 1,000 acre-feet per year or less. The construction and operation of the Chino Creek Well Field (CCWF) in the west (wells I-16, I-17, I-18, I-20, and I-21) is intended to achieve Hydraulic Control, per the definition above, at the area west of Chino I Desalter Well 5. The CCWF began full operation in 2016. Watermaster and the IEUA recalibrate the Chino Basin groundwater-flow model every five years to estimate groundwater discharge from the Chino-North GMZ to the PBMZ (i.e., annual underflow past the CCWF) to determine whether Hydraulic Control has been achieved in the west. Watermaster and the IEUA have demonstrated that complete Hydraulic Control has been achieved at and east of Chino I Desalter Well 20, based on groundwater elevation contour analyses, and underflow past the CCWF is below the de minimis level of 1,000 acre-feet per year based on the model analyses.

In February 2016, the CCWF commenced full-scale operation with production at wells I-16, I-17, I-20, and I-21 to achieve and maintain Hydraulic Control at the area west of Chino I Desalter Well 5. In 2017, Well-17 ceased production due to the detection of 1,2,3-TCP above the new MCL. Production at Well-17 resumed operation in April 2023 with the implementation of additional treatment system. Total production at CCWF decreased when Well-17 ceased operation from 2017 to 2023. In 2020, the Chino

[3] The Santa Ana Water Board amended the Basin Plan (R8-2021-0025) to modify the ambient water quality determination to every five years following the ambient water quality determination on October 1, 2023.

Program Element 7: Develop and Implement a Salt Management Program (Continued)

Basin groundwater-flow model was used to estimate the historical (fiscal year 2004-2018) and projected (fiscal year 2019-2050) volume of groundwater discharge past the CCWF under revised pumping conditions at the CCWF. The model results indicate that both the estimated historical and projected discharge past the CCWF area are always below the *de minimis* threshold level of 1,000 acre-feet per year. The model assumes an annual average pumping volume at the CCWF of 992 acre-feet per year from fiscal year 2019 through 2050.

Future agricultural groundwater production in the southern part of the basin is expected to continue to decline, necessitating future expansion of the desalters to sustain Hydraulic Control. In a letter dated January 23, 2014, the Santa Ana Water Board required that Watermaster and the IEUA submit a plan detailing how Hydraulic Control will be sustained in the future as agricultural production in the southern region of Chino-North continues to decrease—specifically, how the Chino Basin Desalters will achieve the required total groundwater production level of 40,000 acre-feet per year. On June 30, 2015, Watermaster and the IEUA submitted a final plan and schedule for the construction and operation of three new desalter wells (II-10, II-11, and II-12). Well II-10 and II-11 were constructed and began operation in mid-2018, and Well II-12 was constructed in 2020 and began operation in mid-2021. The Chino Basin Desalters officially reached the pumping capacity necessary to meet the 40,000 acre-feet per year required for Hydraulic Control in June 2020. This pumping capacity was achieved without the inclusion of Well II-12, which was operational in August 2021 and was part of the final expansion plan designed to meet the 40,000 acre-feet per year. A full status report on the desalter expansion facilities is described in Program Element 3.

Following the completion of the desalter expansion, Watermaster prepared an update to the 2005 Mitigation Plan to: (i) remove the definition of the minimum pumping requirement at the CCWF to maintain Hydraulic Control, (ii) provide definition of operational flexibility for desalter production fluctuations on the order of plus or minus 2,100 acre-feet a year that maintain a five-year average pumping of about 40,000 acre-feet a year, and (iii) updated protocol for mitigation of temporary loss of Hydraulic Control. The updated mitigation plan was prepared with inputs from the Santa Ana Water Board staff. Watermaster finalized and submitted the updated mitigation plan to the Santa Ana Water Board on December 11, 2023.

Recycled Water Quality. Pursuant to the maximum-benefit commitment number 6, Watermaster and the IEUA manage the recycled water quality to ensure that the 12-month volume-weighted running average IEUA agency-wide, effluent quality does not exceed the permit limits of 550 mgl and 8 mgl for TDS and TIN, respectively. Additionally, Watermaster and the IEUA must submit a plan and schedule to the Santa Ana Water Board for the implementation of measures to ensure long-term compliance with these permit limits when either the 12-month volume-weighted running average IEUA agency-wide effluent TDS concentration exceeds 545 mgl for three consecutive months or the TIN concentration exceeds 8 mgl in any one month (action limits). The IEUA calculates and reports the 12-month volume-weighted running average agency-wide effluent TDS and TIN concentrations in the *Groundwater Recharge Program Quarterly Monitoring Reports*.

Since the initiation of recycled water recharge in July 2005, the 12-month running average TDS and TIN concentrations have ranged between 456 and 534 mgl and 3.8 and 7.6 mgl, respectively, and have never exceeded the permit limits. During the statewide drought in mid-2015, a historical high 12-month running average IEUA agency-wide effluent TDS concentration of 534 mgl was calculated for three consecutive months: June, July, and August. This 12-month running average IEUA agency-wide effluent TDS concentration of 534 mgl was only 11 mgl below the action limit. The 12-month running average agency-wide TDS concentration has decreased since mid-2015. As of December 2024, the 12-month running average IEUA agency-wide effluent TDS concentration was 470 mgl.

Through analysis of water supply and wastewater data, Watermaster and the IEUA concluded that drought conditions have a meaningful impact on the short-term TDS concentration of the water supplies available to IEUA agencies and that future droughts similar to the 2012-2016 period could lead to short-term exceedances of the 12-month running average IEUA agency-wide effluent TDS concentration. For this reason, in October 2016, Watermaster and the IEUA petitioned the Santa Ana Water Board to consider modifying the TDS compliance metric for recycled water to a longer-term averaging period. The Santa Ana Water Board agreed that an evaluation of the compliance metric was warranted and directed Watermaster and the IEUA to develop a technical scope of work to support the adoption of a longer-term averaging period for incorporation into the Basin Plan. The proposed technical scope of work to support a Basin Plan amendment to revise the recycled water compliance metric was submitted to the Santa Ana Water Board in May 2017. The proposed scope of work which was approved by the Santa Ana Water Board includes the following tasks:

- Develop numerical modeling tools (R4, Hydrus 2D, MODFLOW, MT3D) to evaluate the projected TDS and nitrate concentrations of the Chino Basin.
- Define a baseline (status-quo) scenario and evaluate it with the new modeling tools.

Program Element 7: Develop and Implement a Salt Management Program (Continued)

- Define salinity management planning scenarios and evaluate them with the new modeling tools to compare the projected TDS and nitrate concentrations against the baseline scenario.
- Use the results to develop a draft regulatory compliance strategy that includes a longer-term average period for recycled water TDS concentrations.
- Collaborate with the Santa Ana Water Board to review and finalize the regulatory strategy.
- Support the Santa Ana Water Board in the preparation of a Basin Plan amendment upon approval of the regulatory strategy.

Watermaster and the IEUA began implementing the scope of work in July 2017 and worked collaboratively with the Santa Ana Water Board staff to review interim work products. In December 2021, Watermaster and the IEUA completed and submitted the documentation of the technical work, *Total Dissolved Solids and Nitrate Concentrations Projections for the Chino Basin*, to the Santa Ana Water Board. Watermaster and the IEUA presented the technical work and received approval from the Santa Ana Water Board staff in July 2022 to proceed with the work to amend the Basin Plan. Specifically, the amendment to the Basin Plan will, in part, modify the TDS compliance metrics and action limit for IEUA's recycled water supply under maximum-benefit commitment number 6 to a 10-year volume-weighted running average of the agency-wide supply.

During this reporting period, Watermaster and the IEUA provided support to the Santa Ana Water Board staff on the Basin Plan amendment, including preparing documents to comply with California Environmental Quality Act (CEQA) and other requirements needed to amend the Basin Plan.

Recycled Water Recharge. Pursuant to the maximum-benefit commitment number 5, Watermaster and the IEUA completed the construction of the recharge facilities and began artificial recharge of stormwater and recycled water in the Chino Basin in 2005. Additionally, pursuant to maximum-benefit commitment number 7, Watermaster and the IEUA limit recycled water for artificial recharge to the amount that can be blended on a volume-weighted basis with other sources of recharge to achieve five-year running average concentrations of less than or equal the maximum-benefit objectives (420 and 5 mgl for TDS and nitrate, respectively). This data is analyzed and reported to the Santa Ana Water Board annually in April. During this reporting period, Watermaster and the IEUA continued their monitoring programs to collect the data required for analysis and reporting to the Santa Ana Water Board. Since recycled water recharge began in July 2005, the five-year volume-weighted running average TDS and nitrate concentrations have ranged from 203 to 354 mgl and from 1.1 to 3.0 mgl, respectively, and have never exceeded the maximum-benefit objectives. As of December 2024, the five-year volume-weighted running average TDS and nitrate concentrations of these three recharge sources were 264 and 1.5 mgl, respectively.

As part of the Basin Plan amendment, the TDS and nitrate compliance metrics for the artificial recharge under maximum-benefit commitment number 5 are proposed to be modified to 10-year volume-weighted running average. During this reporting period, Watermaster and the IEUA continued to provide support to the Santa Ana Water Board staff for the Basin Plan amendment.

Ambient Groundwater Quality. Pursuant to the maximum-benefit commitment number 9, Watermaster and the IEUA are required to recompute the current ambient TDS and nitrate concentrations for the Chino Basin and Cucamonga GMZs periodically. The re-computation of ambient water quality is performed for the entire Santa Ana River Watershed, and the technical work is contracted, managed, and directed by the Santa Ana Watershed Project Authority's (SAWPA's) Basin Monitoring Program Task Force (Task Force). Watermaster and the IEUA have participated in each watershed-wide ambient water quality computation as members of the Task Force.

The most recent ambient water quality, which covers the 20-year period of 2002 to 2021 (2021 ambient water quality), was completed by the Task Force in October 2023. As part of this computation, Watermaster and the IEUA provided requested groundwater quality data, inputs on interim findings, and reviewed draft documentation to support the computation of the 2021 ambient water quality. Pursuant to the 2021 Basin Plan Amendment (R8-2021-0025), the Task Force is required to recompute the current ambient water quality every five years after October 1, 2023.

The next ambient water quality is due to the Santa Ana Water Board on October 1, 2028.

Development of a Surface Water Monitoring Program in Chino Creek. During the development of the 2024 California Integrated Report, which is a process implemented by the State Board and the Regional Water Boards to assess surface water conditions relative to the established water quality objectives, it was initially identified that Chino Creek 1B was an impaired water body subject to listing pursuant to Clean Water Act 303(d). Such a listing would require an extensive effort to develop and implement a Total

Program Element 7: Develop and Implement a Salt Management Program (Continued)

Maximum Daily Load (TMDL) program and could impact the Watermaster and IEUA recycled water permit and uses in the Chino Basin. During a subsequent review of potential impairment, the Santa Ana Water Board concluded that there is insufficient data to make a final determination of water quality conditions of Chino Creek 1B. While acknowledging that limited data indicates that water quality may be impaired, Watermaster was able to demonstrate to the Santa Ana Water Board that there is insufficient data to make a definitive water quality finding. And proposed an alternative approach to develop and implement a monitoring program to collect the requisite water quality data for use in future California Integrated Reports, and to characterize the sources of salt loading into Chino Creek should a TMDL or another program be required. In June 2024 a Water Board-approved monitoring program was developed, including the associated Quality Assurance Program Plan (QAPP). The monitoring program includes monthly surface water quality sampling, data processing and management, and annual data evaluation to characterize water quality and trends. During this reporting period Watermaster and IEUA initiated the monthly monitoring in August 2024.

Program Element 8: Develop and Implement a Groundwater Storage Management Program; and Program Element 9: Develop and Implement a Storage and Recovery Program

Groundwater storage is critical to the Chino Basin stakeholders. The OBMP outlines Watermaster's commitments to investigate the technical and management implications of Local Storage Agreements, improve related policies and procedures, and then revisit all pending Local Storage Agreement applications.

The existing Watermaster/IEUA/MWDSC/Three Valleys Municipal Water District Dry-Year Yield (DYY) program was initiated in the early 2000's and is the only Storage and Recovery Program that is being implemented in the Chino Basin. By April 30, 2011, all DYY program construction projects and a full "put" and "take" cycle had been completed, leaving the DYY storage account with a zero balance. Another DYY cycle began in June 2017 and was completed in June 2022. In response to the heavy precipitation in early 2023, MWDSC began recharging imported water in the Chino Basin in spring 2023. During the reporting period, MWDSC recharged about 6,086 acre-feet of imported water in the Chino Basin through the DYY program.

Safe Yield Recalculation

The Basin's Safe Yield was initially set by the Judgment at 140,000 acre-feet per year. The Safe Yield was based on the hydrology for the period of 1965 through 1974. Pursuant to the Judgment, the Chino Basin Safe Yield is to be recalculated periodically but not for at least ten years following 1978.

Pursuant to the OBMP Implementation Plan and Watermaster's Rules and Regulations, in fiscal year 2010/11 and every ten years thereafter, Watermaster is to recalculate the Safe Yield. The 2011 Safe Yield recalculation began in 2011 and after significant technical and legal process, on April 28, 2017, the Court issued a final order (2017 Court Order), resetting the Safe Yield to 135,000 acre-feet per year effective July 1, 2010.

In July 2018, Watermaster's Engineer began the technical work necessary for the Safe Yield recalculation for 2020 pursuant to the OBMP Implementation Plan using the approved methodology in the 2017 Court Order. After substantial technical process and stakeholder engagement, the Watermaster Board adopted recommendations to the Court to update the Safe Yield for the period 2021 through 2030 to 131,000 acre-feet per year. In July 2020, the Court approved Watermaster's recommendation and reset the Safe Yield to 131,000 acre-feet per year for the period commencing on July 1, 2020 and ending on June 30, 2030.

The 2017 Court Order i) requires that the Safe Yield be reevaluated no later than June 30, 2025, ii) allows for supplementation of the current Safe Yield Reset methodology, and iii) requires annual collection and evaluation of data regarding cultural conditions of the Chino Basin. The annual data collection and evaluation process includes determining whether "there has been or will be a material change from existing and projected conditions or threatened undesirable results" as compared to the conditions evaluated in the 2020 Safe Yield Recalculation. If evaluation of the data suggests that any of these criteria are met, then Watermaster's Engineer is required to undertake "a more significant evaluation" to model the impacts of the existing and projected cultural conditions on the Chino Basin.

In 2022, Watermaster's Engineer completed a process to supplement the current Safe Yield Reset methodology to address comments received during the peer review process of the 2020 Safe Yield recalculation regarding uncertainty in the groundwater model and the data used in future projections. As a result of this process, which was supported by extensive peer review, Watermaster submitted an updated Safe Yield Reset methodology (2022 Safe Yield Reset methodology) to the Court. The Court approved the 2022 Safe Yield Reset methodology in December 2022.

Program Element 8: Develop and Implement a Groundwater Storage Management Program; and Program Element 9: Develop and Implement a Storage and Recovery Program (Continued)

During this reporting period, Watermaster's Engineer completed the annual data collection and evaluation process covering the period through fiscal year 2022/23 and continued the process to reevaluate the Safe Yield of the Chino Basin for the period of fiscal year 2021 through 2030 (the 2025 Safe Yield Reevaluation). The annual data collection and evaluation process supported the need for the 2025 Safe Yield Reevaluation. The 2025 Safe Yield Reevaluation process includes updating Watermaster's groundwater-flow model and implementing the 2022 Safe Yield Reset methodology. Watermaster hosted three workshops during the reporting period to gather stakeholder and peer review input to support the 2025 Safe Yield Reevaluation.

Groundwater Storage Management

Addendum to PEIR. The original OBMP storage management program consists of managing groundwater production, replenishment, recharge, and storage such that the total storage within the basin lies within the range known as the Safe Storage Capacity (SSC), which is the difference between the Safe Storage[4] and the Operational Storage Requirement[5]. The allocation and use of storage space in excess of the Safe Storage Capacity will preemptively require mitigation: mitigation must be defined, and resources must be committed to mitigation prior to allocation and use.

Water occupying the SSC includes Local Storage Account Water, Carryover Water, and water anticipated to be stored in future groundwater Storage and Recovery programs. This storage management program was evaluated in the OBMP programmatic environmental impact report (PEIR) in 2000.

After the OBMP PEIR, Watermaster and the Watermaster Parties revised the OBMP based on new monitoring and borehole data collected since 1998, an improved hydrogeologic conceptualization of the basin, new numerical models that have improved the understanding of basin hydrology since 2000, and the need to expand the Chino Basin Desalters (desalters) to the 40,000 acre-feet per year of groundwater production required in the OBMP Implementation Plan. These investigations included a recalculation of the total water in storage in the basin, based on the improved hydrogeologic understanding. The total storage in the Chino Basin for 2000 was estimated to be about 5.9 million acre-feet[6], about 100,000 acre-feet greater than the estimated Safe Storage at the time.

The Watermaster Parties negotiated the Peace II Agreement to implement, among other things, the expansion of the desalters, the dedication of 400,000 acre-feet of groundwater in storage to desalter replenishment (i.e., approved overdraft), and changes in the Judgment to implement the Peace II Agreement. However, the storage management plan was not changed in light of the approved overdraft and the fact that the estimated storage in the basin exceeded the Safe Storage. The IEUA completed and subsequently adopted a supplemental environmental impact report for the Peace II Agreement in 2010.

Following the implementation of desalters and the Peace II Agreement, basin storage continued to grow, prompting Watermaster and the IEUA to propose a temporary increase in Safe Storage Capacity. This was analyzed through an addendum to the 2000 PEIR, and on March 15, 2017, the IEUA adopted an increase from 500,000 acre-feet to 600,000 acre-feet, effective from July 1, 2017, to June 30, 2021. The temporary increase did not cause material physical injury (MPI) or loss of Hydraulic Control, giving Watermaster and its partners time to develop a new storage management plan.

2020 Storage Management Plan. In 2019, Watermaster began developing the 2020 Storage Management Plan (2020 SMP) with input from the Watermaster Parties and Board. A white paper outlining the need and requirements for the SMP was presented to stakeholders in June 2019. This effort built on the 2018 Storage Framework Investigation, which explored potential storage space between 700,000 and 1,000,000 acre-feet. A final SMP report was published in December 2019 and included in the 2020 OBMP Update Report, which the Watermaster Board adopted in October 2020.

Local Storage Limitation Solution. The temporary increase in Safe Storage Capacity was set to expire on June 30, 2021, reverting to 500,000 acre-feet unless a new Court-approved storage agreement was made. By the end of Production Year 2020, Managed Storage had reached 588,000 acre-feet. To address the expiration, Watermaster Parties recommended expanding environmental analysis to cover storage use above 500,000 acre-feet. This work, called the Local Storage Limitation Solution (LSLS), was supported by an updated groundwater-flow model that found no unmitigable significant adverse impacts. The LSLS allowed Safe Storage Capacity to increase to 700,000 acre-feet through June 30, 2030, and to 620,000 acre-feet from July 1, 2030, through June 30, 2035. The CEQA documentation was adopted as Addendum No. 2 to the OBMP PEIR on March 17, 2021. The Court granted Watermaster's motion, and the LSLS became effective on July 1, 2021.

[4] Safe Storage is an estimate of the maximum storage in the basin that will not cause significant water quality and high groundwater related problems. Safe Storage was estimated in the development of the OBMP to be about 5.8 million acre-feet based on the then-current understanding of the basin.

[5] The Operational Storage Requirement is the storage or volume in the Chino Basin that is necessary to maintain the Safe Yield. This is an average value with the storage oscillating around this value due to dry and wet periods in precipitation. The Operational Storage Requirement was estimated in the development of the OBMP to be about 5.3 million acre-feet. This storage value was set at the estimated storage in the basin in 1997.

[6] The most recent modeling of the Chino Basin estimates the total water in storage to be about 12 million acre-feet.

Program Element 8: Develop and Implement a Groundwater Storage Management Program; and Program Element 9: Develop and Implement a Storage and Recovery Program (Continued)

Motion to Increase Safe Storage Capacity to 900,000 Acre-Feet. Following two consecutive wetter-than-average years resulting in low groundwater demands and increased recharge through the DYY Program, the total managed storage at the end of fiscal year 2023/24 was about 709,000 acre-feet, exceeding the Safe Storage Capacity authorized by the approval of the LSLS. To address this, the Watermaster Board adopted Resolution 2024-04 to recommend that the Court authorize the increase of the Safe Storage Capacity to a maximum of 900,000 acre-feet through June 30, 2040, consistent with the project evaluated as part of the 2020 OBMP Update (see 2020 OBMP Update description below). Watermaster submitted the motion in December 2024, and a hearing has been set in January 2025 for the Court to hear and decide on the motion.

2020 OBMP Update

OBMP implementation began in 2000. By 2019, many of the projects and management programs envisioned in the 2000 OBMP have been implemented. The understanding of the hydrology and hydrogeology of the Chino Basin has improved since 2000 and new water-management issues have been identified that necessitate that the OBMP be adapted to protect the collective interests of the Watermaster Parties and their water supply reliability. For these reasons, the Watermaster, with input from the Parties, prepared a 2020 OBMP Update to set the framework for the next 20 years of basin-management activities.

During 2019, Watermaster convened a collaborative stakeholder process to prepare the 2020 OBMP Update similar to the process employed for the development of the 2000 OBMP. The final 2020 OBMP Scoping Report (Scoping Report) was published in November 2019 to document the results of the first four Listening Sessions that Watermaster conducted with the stakeholders. The Scoping Report summarized (1) the need to update the OBMP, (2) the issues, needs, and wants of the stakeholders, (3) the goals for the 2020 OBMP Update, and (4) the recommended scope of work to implement seven stakeholder-defined basin-management activities that could be included in the 2020 OBMP Update.

Through the listening session process, it became apparent that the 2000 OBMP goals remain unchanged, and the nine Program Elements (PEs) defined in the 2000 OBMP are still relevant today as the overarching program elements of a basin management program. Each of the seven activities in the Scoping Report had objectives and tasks that were directly related to one or more of the 2000 OBMP PEs. Based on this finding, the nine PEs defined in the 2000 OBMP were retained for the 2020 OBMP Update. Each of the seven activities were mapped to one of the existing PEs.

In January 2020, the Watermaster published the 2020 OBMP Update Report, which described: (1) the 2020 OBMP Update process; (2) the OBMP goals and new activities for the 2020 OBMP Update; (3) the status of the OBMP PEs and ongoing activities within them; and (4) the recommended 2020 OBMP management plan – inclusive of ongoing and new activities. The management plan will form the foundation for the Watermaster Parties to develop a 2020 OBMP Implementation Plan and the agreements necessary to implement it. After several workshops and comprehensive review and comments by Watermaster Parties, the final 2020 OBMP Update Report was adopted by the Watermaster Board on October 22, 2020.

In January 2020, Watermaster and the IEUA (as the lead agency) began preparing a subsequent Environmental Impact Report (SEIR) to support the 2020 OBMP Update. This SEIR was designed to inform decision-making, investments, and grant applications for both ongoing and new management actions under the OBMP. However, following feedback from the Parties, the certification of the SEIR was postponed. In 2022, Watermaster and IEUA resumed the process, holding three workshops to gather input from the Watermaster Parties on the 2020 OBMP Update's project description and potential updates. This included the proposed use of managed storage of up to 900,000 acre-feet. In May 2023, Watermaster published the 2023 Storage Framework Investigation to evaluate the impacts of this storage level. IEUA then released the draft SEIR for public review in September 2023, with the comment period concluding on November 9, 2023. The final SEIR was certified by IEUA in February 2024.

Two new management activities in the 2020 OBMP Update began in fiscal year 2023/24: (1) development of a Storage and Recovery Master Plan (SRMP); and (2) preparation of a WQMP. Watermaster and its stakeholders began convening the WQC in fiscal year 2023/24 to define the objectives and refine the scope of work for the WQMP, and develop a monitoring plan for emerging contaminants in the Chino Basin (see Groundwater Quality Management Program section under PE 6 in this report). The WQC did not meeting during this reporting period. The SRMP Committee (SRMPC) initially convened in November 2023 to define the objectives of the SRMP and refine the scope of work for its development, including defining desired benefits of Storage and Recovery Programs in the Chino Basin. The SRMPC did not meet during this reporting period.

CHINO BASIN WATERMASTER

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STAFF REPORT

DATE: March 20, 2025

TO: Advisory Committee Members

SUBJECT: SGMA Reporting for Water Year 2024 (Consent Calendar Item I.D.)

Issue: Pursuant to the SGMA, Water Code Section 10720.8(f), the Chino Basin Watermaster is required to submit specific data, information, and reports to the Department of Water Resources (DWR) by April 1, 2025. [WM Duties and Powers].

Recommendation: Recommend to the Watermaster Board to approve and direct staff to file the information/reports with the DWR.

Financial Impact: None

ACTIONS:
Appropriative Pool – March 13, 2025 [Final]: Advice and assistance.
Non-Agricultural Pool – March 13, 2025 [Final]: Advice and assistance.
Agricultural Pool – March 13, 2025 [Final]: Advice and assistance.
Advisory Committee – March 20, 2025 [Recommended]: Advice and assistance.
Watermaster Board – March 27, 2025 [Recommended]: Approve and direct staff to file the information/reports with the DWR.

BACKGROUND

California Water Code Section 10720.8(a) identifies 26 adjudicated areas, including the Chino Basin, which are exempt from the requirements of the SGMA except for the reporting requirements listed in Water Code Section 10720.8(f). A Watermaster or local agency within an adjudicated area listed under Water Code 10720.8(a) is required to report the following:

(1) By April 1, 2016, submit to the department a copy of a governing final judgment, or other judicial order or decree, and amendments entered before April 1, 2016.
(2) Within 90 days of entry by court, submit to the department a copy of any amendment made and entered by the court to the governing final judgment or other judicial order or decree on or after April 1, 2016.
(3) By April 1, 2016, and annually thereafter, submit to the department a report containing the following information to the extent available for the portion of the basin subject to the adjudication:

(A) Groundwater elevation data unless otherwise submitted pursuant to Section 10932.
(B) Annual aggregated data identifying groundwater extraction for the preceding water year.
(C) Surface water supply used for or available for use for groundwater recharge or in-lieu use
(D) Total water use
(E) Change in groundwater storage
(F) The annual report submitted to the court.

DISCUSSION

Pursuant to Water Code 10720.8(f), the Chino Basin Watermaster submitted items (1), (2), and (3) listed above by April 1, 2016. Item (3) information was submitted for water years 2015 through 2023. The submittal of water year 2024 information by April 1, 2025, is the tenth such submittal by the Chino Basin Watermaster to the DWR for Water Code 10720.8(a) item (3).

The DWR has implemented an online submission system, which is accessible with secure login credentials, to facilitate the transmittal of all the required data and reports for adjudicated basins pursuant to the SGMA. The online system, called the Adjudicated Basin Annual Reporting System, consists of a specialized reporting template to populate all the required information and to upload supporting documents and reports. The attached Memorandum, prepared by West Yost, explicitly describes the information and reports that will be submitted by the Chino Basin Watermaster to the DWR's Adjudicated Basin Annual Reporting System by April 1, 2025.

At the March 13, 2025 Pool Committee meetings the three Pools unanimously recommended to the Advisory Committee to recommend Board approval and filing with the DWR.

ATTACHMENTS
1. Memorandum: Chino Basin Watermaster Submittal Of The Water Year 2024 Reporting Requirements For Adjudicated Basins Pursuant To The Sustainable Groundwater Management Act

WEST YOST
Water. Engineered.

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Lake Forest CA 92630

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TECHNICAL MEMORANDUM

DATE: March 6, 2025

Project No.: 941-80-24-07
SENT VIA: EMAIL

TO: Chino Basin Watermaster

FROM: Chino Basin Watermaster Engineer

SUBJECT: Chino Basin Watermaster submittal of the water year 2024 reporting requirements for adjudicated basins pursuant to the Sustainable Groundwater Management Act

Pursuant to the Sustainable Groundwater Management Act (SGMA) requirements for adjudicated basins, as described in California Water Code (CWC) Section 10720.8(f), the Chino Basin Watermaster (Watermaster) is preparing to submit information pursuant to the annual reporting requirements for Chino Basin for water year 2024 (October 1, 2023 to September 30, 2024) to the California Department of Water Resources (DWR). The SGMA requires that the following six categories of data be submitted to the DWR by April 1 of each year: (A) groundwater elevation data, unless otherwise submitted pursuant to Section 10932[1]; (B) annual aggregated data identifying total groundwater extractions for the preceding water year; (C) surface water supply used, or available for use, for groundwater recharge or in-lieu use; (D) total water use; (E) change in groundwater storage; and (F) the Watermaster's annual report submitted to the Court.

The annual reporting data are submitted to the DWR using its Adjudicated Basins Annual Reporting System—a password-secured, online submission system accessible at Link. The DWR Adjudicated Basins Annual Reporting System facilitates the submission of all reporting requirements for adjudicated basins and consists of a standardized reporting template to enter all the required information pursuant to the SGMA legislation, including the ability to upload supporting documents and reports. The standardized reporting template includes sections to upload specific required information for reporting under the SGMA legislation, as well as sections for including optional information.

[1] CWC Section 10932 requires reporting of groundwater levels for the California State Groundwater Elevation Monitoring (CASGEM) Program.

This memorandum describes the information that will be submitted to the DWR using the Adjudicated Basins Annual Reporting System on behalf of the Watermaster to satisfy the water year 2024 reporting requirements for the Chino Basin. If the information and/or reports proposed for submittal to the DWR are not required, it is specified in this memorandum.

WATER DATA FOR WATER YEAR 2024

The following Chino Basin water year 2024 data and digital documents will be submitted. The DWR Adjudicated Basins Annual Reporting System language is in ***bold italics*** and the information for submittal is shown in regular text**.** All volume data are reported in acre-feet (AF).

(A) Groundwater elevation data unless otherwise submitted pursuant to Section 10932.

Is water level data submitted to the CASGEM Program? Yes

Does the watermaster collect or receive additional groundwater levels? Yes

Does the watermaster measure groundwater levels? Yes

(B) Annual aggregated data identifying groundwater extraction for the preceding water year

Total Groundwater Extraction (AF): 121,163

Groundwater extraction by water use sector (if available):

The submittal of this information is optional; the following information will be submitted:

Sector	*Volume (AF)*	*Explanation*
Urban	108,454	Appropriative Pool (Pool 3)
Agricultural	10,372	Agricultural Pool (Pool 1)
Other Sector	2,336	Non-Agricultural Pool (Pool 2)

(C) Surface water supply used for or available for use for groundwater recharge or in-lieu use.

Surface Water Supply (AF): 169,567

Method used to determine:

The submittal of this information on the method is optional but recommended by the DWR. The following information on the method will be submitted with the surface water supply volumes to provide clarity on the source and compilation of these volumes:

The value reported represents total surface water used for direct consumption and for groundwater recharge. Imported water and recycled water deliveries to recharge basins are metered and recorded daily. Storm water and urban runoff recharge volumes are measured by stage sensors in the recharge basins. Imported water, recycled water, and local surface water amounts used for direct consumption are provided by the individual parties in the Chino Basin. For parties that have service areas not entirely within the Chino Basin adjudicated boundary, the proportion of the surface water supply used for consumption inside the Chino Basin adjudicated boundary is not quantified. The portion of the reported volumes that were used for recharge, were recharged entirely within the Chino Basin adjudicated boundary.

Water available for recharge or in-lieu use by source type (if available):

The submittal of this information is optional; the following information will be submitted:

Sector	Volume (AF)	***Explanation***
Local Surface Deliveries	54,234	This includes 13,480 AF of storm water and urban runoff for groundwater recharge, and 40,754 AF of native surface water for direct consumption.
State Water Project Deliveries	83,903	This includes 34,708 AF for groundwater recharge, and 49,195 AF for direct consumption.
Recycled Water	31,430	This includes 12,977 AF for groundwater recharge, and 18,454 AF for non-potable reuse.

(D) Total Water Use (report water use in the basin as data is available and/or as reported in the annual report)

Total Water Use (AF): 341,465

Method used to determine:

The submittal of this information is optional; the following information on the method will be submitted to provide clarity on the source and compilation of these total water use volumes:

Total water use data includes water used for direct consumption and for groundwater recharge. Data were obtained from Watermaster records, and/or collected from the parties in the Chino Basin. The total water use represents the sum of total water use by parties to the Chino Basin Judgment. Many of the Chino Basin appropriative pool parties have service areas that extend outside the Chino Basin adjudicated boundary. The proportion of the total water use for direct

consumption that is used inside the Chino Basin adjudicated boundary is not quantified by Watermaster.

Total water use is reported using the pre-defined categories by the DWR under the ***Water use met by source type*** below, and is apportioned as follows: ***Groundwater*** is groundwater produced from the Chino Basin and other basins for direct use; ***Surface water*** is imported State Water Project water and native surface water used for direct use; ***Recycled or reused water*** is recycled water used for direct use; and ***Other*** is water used for groundwater recharge which includes storm water and urban runoff, imported State Water Project water, and recycled water.

Water Use met by source type:

The submittal of this information is optional; the following information will be submitted:

Type	*Volume (AF)*
Groundwater	171,897
Surface water	89,949
Recycled or reused water	18,454
Other	61,165

(E) Annual change in groundwater storage

Change in storage (AF): + 49,953

Method used to determine:

The submittal of this information is optional but recommended by the DWR. The following information will be submitted:

The change in storage over the period of October 1, 2023 through September 30, 2024 was estimated using the Chino Basin groundwater model.

Time period for change: Start date: 10/1/2023 ***End date:*** 9/30/2024

(F) The annual report submitted to the court

Start date: 7/1/2023 ***End date:*** 6/30/2024

Please submit an electronic (PDF preferred) copy of your annual report:

Watermaster published the Annual Report for fiscal year 2023/24 since the last SGMA annual reporting requirements for the Chino Basin were submitted on April 1, 2024. The Chino Basin

Watermaster 47th Annual Report for fiscal year 2023/24 is submitted herein and covers the period of July 2023 through June 2024.

Please submit additional reports or documents:

The submittal of this information is optional. This memorandum will be submitted along with the data and information described above. Additional Chino Basin Watermaster engineering and legal reports are available for public download on Watermaster's website at www.cbwm.org.

CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730
909.484.3888 www.cbwm.org

STAFF REPORT

DATE: March 20, 2025

TO: Advisory Committee Members

SUBJECT: First Amendment to Task Order No. 7 Upper Santa Ana River Watershed Habitat Conservation Plan Under the Master Agreement Regarding the Management of Collaborative Recharge Projects Between the Inland Empire Utilities Agency and the Chino Basin Watermaster (Business Item II.A.)

Issue: To amend Task Order No. 7 reflecting the completion of the Upper Santa Ana Watershed Habitat Conservation Plan project and end of the obligations and responsibilities associated with the Task Order. [AC Approval required]

Recommendation: Approve and recommend the Board to approve the First Amendment to Task Order No. 7 and conclude associated obligations.

Financial Impact: None. All costs have been fully paid in prior years.

ACTIONS:
Appropriative Pool – March 13, 2025 [Final]: Advice and assistance
Non-Agricultural Pool – March 13, 2025 [Final]: Advice and assistance
Agricultural Pool – March 13, 2025 [Final]: Advice and assistance
Advisory Committee – March 20, 2025 [Recommended]: Approval
Watermaster Board – March 27, 2025 [Recommended]: Approval

BACKGROUND

Task Order No.7 was executed on August 28, 2014 under the Master Cost Sharing Agreement between Chino Basin Watermaster (CBWM) and the Inland Empire Utilities Agency (IEUA).

Task Order No. 7 governed the cost for the development of the Upper Santa Ana River Watershed Habitat Conservation Plan to offset biological impacts of future water and recharge improvement projects in the Chino Basin area that have potential to impact federally-listed, endangered, threatened or special status species.

DISCUSSION

The Upper Santa Ana River Habitat Conservation Plan is a multi-agency, watershed-wide collaborative project to permit and mitigate multiple projects in the upper watershed. This effort dates back to 2013 and the initial meetings were led by the San Bernardino Valley Municipal Water District. Watermaster participates in partnership with the Inland Empire Utilities Agency to obtain permits for O&M and Improvements within the recharge program.

Currently the program is in the negotiations stage for the establishment of the Joint Powers Authority, and a draft Programmatic Environmental Impact Report was circulated but not certified.

Funds were collected for the project but not used. The amount of $20,062.88 was placed into the Carry Over account which can now be used towards other Capital projects, kept in Reserve, or refunded to the Appropriators during the next Watermaster Assessment cycle.

Staff recommends approving the Task Order Amendment to end the obligations and responsibility between the parties in relation to the construction of this project.

The Task Order was presented to the Pool Committees on March 13, 2025 where it was unanimously recommended to the Advisory Committee to approve, and ultimately to the Watermaster Board for its approval.

ATTACHMENTS

1. Fully Executed Task Order No. 7
2. Draft 1st Amendment to Task Order No. 7

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 7
UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN

This Task Order is made and entered into as of the 28th day of August, 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the development of a Habitat Conservation Plan to offset biological impact of future water and recharge improvement projects in the Chino Basin area that have the potential to impact federally-listed endangered, threatened or special status species. This task will be a part of the regional plan with other proposed projects within the Upper Santa Ana River Region. The goal of the project is to identify in advance sites that may require biological offset/mitigation and avoid permitting delays if identified projects require a specified plan.

2. SCOPE

The task order will evaluate five locations and potential impacts based on planned recharge improvements, as defined in the RMPU, Recycled Water Capital Project list in IEUA's FY14/15 Ten-Year Capital Improvement Plan, and the July 2014 draft Recycled Water Program Strategy. As impact areas are evaluated, plans and cost proposals will be submitted and filed for these locations. Any future work will be the subject of a separate Task Order. The five locations are listed below:

RMPU Projects	Location	Potential Species
PID - 19a	Wineville Basin	DSF
PID - 12	Lower Day Basin	SBKR,CAGN,BUOW
PID - 7	San Sevaine Basins (1-5)	SBKR
PID - 11	Victoria Basin	SBKR
PID - 2	Montclair Basins (1-3)	CAGN

DSF=Delhi Sands Flower-Loving Fly; SBKR=Merriam's San Bernardino Kangaroo Rat; CAGN=California Gnatcatcher; BUOW=Burrowing Owl

The following is a projected schedule and budget for the project:

Phase	Start	Finish	Projected Cost
Investigation/Planning of Sensitive Habitat	07/01/14	06/30/17	$160,000
		Total	**$160,000**

3. IEUA RESPONSIBILITIES

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
  - Investigation/planning of sensitive habitat
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendation as to change orders for consultants;
- Payment of consultant invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

The total projected cost for the activities to be undertaken pursuant to this Task Order is one hundred sixty thousand dollars ($160,000) unless the scope of work is changed and an increase is authorized by the Parties ("Budget"). The Parties agree that Budget is shared

50-percent by both parties. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

HCP	Fiscal Year 2014/15	Fiscal Year 2015/16	Total
Watermaster	$75,000	$5,000	$80,000
IEUA	$75,000	$5,000	$80,000
Total	**$150,000**	**$10,000**	**$160,000**

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the total costs, and the parties shall not be required to pay more than $160,000 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall not exceed its share of 50-percent of the Total Budgeted Cost, as shown in Section 5 above, or $80,000.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA under this Agreement shall not exceed its share of 50-percent of the Total Budgeted Cost, as shown in Section 5 above, or $80,000.

9. TERM

Work to be undertaken pursuant to this Task order shall be initiated upon the Effective Date, as described in Section 11, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 7 will become effective upon execution by both Parties.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year and at the place first above written.

CHINO BASIN WATERMASTER

By _____
PETER KAVOUNAS
General Manager

INLAND EMPIRE UTILITIES AGENCY

By _____
P. JOSEPH GRINDSTAFF
General Manager

FIRST AMENDMENT
to
TASK ORDER NO. 7
UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN
under the
MASTER AGREEMENT REGARDING THE
MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS
between
INLAND EMPIRE UTILITIES AGENCY
and
CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 7 is made and entered into as of the ____ day of March 2025 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

A. Task Order No. 7 for the UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN (the "Task Order") was entered into by IEUA and Watermaster effective August 28, 2014 to govern the development of a Habitat Conservation Plan to offset biological impact of future water and recharge improvement projects in the Chino Basin area that have the potential to impact federally-listed endangered, threatened or special status species ("Project").

B. Section 9 of the Task Order states: "The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities."

C. The Parties agree that no further work is necessary, deeming the Project to be concluded. All obligations and responsibilities of IEUA and Watermaster, including payment obligations, described in the Task Order have been satisfied. Any future Habitat Conservation Plan, mitigation effort, or other similar project will be subject to a separate task order, as necessary or appropriate.

D. IEUA and Watermaster wish to amend the Task Order to reflect the conclusion of the Project and thereby acknowledge mutual satisfaction of the Parties' obligations and responsibilities in the Task Order.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 12 shall be added to the Task Order and will read as follows:

   As of March 27, 2025, the Parties agree the Project contemplated in the Task Order has concluded. Any similar projects will proceed pursuant to a separate task order, as necessary

or appropriate. The Parties acknowledge that all Watermaster and IEUA obligations and responsibilities created by the Task Order, including payment obligations, have been satisfied. The total cost for the Task Order was $119,874, of which, pursuant to Sections 5, 6, 7 and 8 of the Task Order, Watermaster paid $59,937 and IEUA paid $59,937.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

CHINO BASIN WATERMASTER:	INLAND EMPIRE UTILITIES AGENCY:
Todd M. Corbin, General Manager	Shivaji Deshmukh, P.E. General Manager

CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730
909.484.3888 www.cbwm.org

STAFF REPORT

DATE: March 20, 2025

TO: Advisory Committee Members

SUBJECT: Second Amendment to Task Order No. 2 Lower Day Basin RMPU Improvement Project Under the Master Agreement Regarding the Management of Collaborative Recharge Projects Between the Inland Empire Utilities Agency and the Chino Basin Watermaster (Business Item II.B.)

Issue: To amend Task Order No. 2 to reflect the completion of the project and end the obligations and responsibilities associated with the Task Order. [AC Approval required]

Recommendation: Approve and recommend to the Board to approve the amended Task Order No.2 and conclude associated obligations.

Financial Impact: None. Parties will pay for the project costs through a State Revolving Fund (SRF) loan that matures in 2044.

ACTIONS:
Appropriative Pool – March 13, 2025 [Final]: Advice and assistance
Non-Agricultural Pool – March 13, 2025 [Final]: Advice and assistance
Agricultural Pool – March 13, 2025 [Final]: Advice and assistance
Advisory Committee – March 20, 2025 [Recommended]: Approval
Watermaster Board – March 27, 2025 [Recommended]: Approval

BACKGROUND

Task Order No. 2 was executed on August 28, 2014 under the Master Cost Sharing Agreement between Chino Basin Watermaster (CBWM) and the Inland Empire Utilities Agency (IEUA).

Task Order No. 2 governed the cost for the Lower Day Basin RMPU improvement project. This project modified the existing intake structure and installed an Obermeyer gate in the channel. The Basin's existing embankment was also evaluated and reconstructed to meet the requirements of a dam embankment with the Division of Safety of Dams. Per the 2013 RMPU, this project increased the recharge capacity of the basin by 789 acre-feet per year.

The first amendment to Task Order No. 2 was entered into by Watermaster and IEUA on May 25, 2017. This Amendment changed the total budget for the Project's total budget from $2,480,000 to $4,008,000 due to an addition of design elements to increase recharge yield for the Project to 993 acre-feet per year. The First Amendment to Task Order No. 2 adjusted the reimbursement schedule under which Watermaster provides its share of the costs to IEUA accordingly.

DISCUSSION

Completion of Project construction was unexpectedly delayed due to minor issues with obtaining power to the site and control at the gate pump house. This delay increased the total project cost by $6,957. IEUA and Watermaster staff are recommending increasing the total Project budget from $4,008,000 to $4,014,957 to cover these final costs.

The project is complete and payments towards the project are captured in the Management Agreement Regarding the Management or Collaborative Recharge Projects between IEUA and Chino Basin Watermaster.

Funds were collected towards the project before the State Revolving Fund (SRF) and Grants were obtained but not used. The amount of $238,646.90 was placed into the Carry Over account which now can be used towards other Capital projects, kept in Reserve, or refunded to the Appropriators on the next Watermaster Assessment cycle.

Staff recommends approving the Task Order Amendment to reflect the increase in total cost and end the obligations and responsibility between the parties in relation to the construction of this project.

The Task Order was presented to the Pool Committees on March 13, 2025 where it was unanimously recommended to the Advisory Committee to approve, and ultimately to the Watermaster Board for its approval.

ATTACHMENTS

1. Fully Executed Task Order No. 2
2. 1st Amendment to Task Order No. 2
3. Draft 2nd Amendment to Task Order No. 2

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 2
LOWER DAY BASIN RMPU IMPROVEMENT PROJECT

This Task Order is made and entered into as of the 28th day of August , 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting, bid/award of construction, design and the construction of the Lower Day Basin RMPU Improvement Project.

This project will modify the existing intake structure and install pneumatic gates in the channel. The pneumatic gates will monitor and self-adjust to maintain a water level or rate of discharge over the gate structure in accordance with an established programmable logic controller. The basin's existing embankment will be evaluated and reconstructed to meet the requirements of a dam embankment with the Division of Safety of Dams. Improvement on the embankment may include excavation and keying to prevent piping and seepage.

The potential increase in Recharge with the inlet is 1,469 acre-feet per year as per 2010 RMPU.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include project development to properly establish project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is projected cost breakdown and schedule for each of the project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	$25,000
Pre-Design	12/18/14	04/10/15	$30,000
Design	04/13/15	11/05/15	$145,275
Environmental Impact	05/29/15	10/10/17	$76,200
Permits	07/28/15	06/01/16	$66,000
Bid and Award	06/02/16	08/26/16	9,000
Construction	08/29/16	01/16/18	$2,128,525
		Total	**$2,480,000**

3. IEUA RESPONSIBILITIES

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
  - Preliminary design and Design Engineering services;
  - California Environmental Quality Act (CEQA) compliance and Permitting;
  - Bid and award efforts; and
  - Engineering support during construction
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendation as to change orders for consultants; and
- Payment of consultant invoices

During construction IEUA agrees to provide construction management and contract administration services that include, but are not limited to:

- Engagement of Construction Contract services for:
  - Construction work to implement the upgrades
- Management of contractor for the above;
- Approval of progress payments for contractor;
- Recommendation as to change orders for contractor; and
- Payment of contractor invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is two million four hundred eighty thousand dollars ($2,480,000) ("Budget"), of which $750,000 in grant funds are available for the Project. The Parties agree that Budget less the grant funds is allocated 100-percent to Watermaster, which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement, as there is no recycled water component to the project. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Lower Day Basin	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Fiscal Year 2017/18	Total
Watermaster	$49,000	$140,000	$140,000	$1,401,000	$1,730,000
IEUA	-	-	-	-	$0
Grant Funding	$21,000	$60,000	$60,000	$609,000	$750,000
Total	**$70,000**	**$200,000**	**$200,000**	**$2,010,000**	**$2,480,000**

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the Budget, less the $750,000 of available grant funding. The parties shall not be required to pay more than $1,730,000 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall be the Total Budgeted Cost that is not paid with available $750,000 grant money, or $ 1,730,000.

8. MAXIMUM COSTS TO IEUA

There are no costs to be required of IEUA under this Agreement.

9. TERM

Work to be undertaken pursuant to this Task order shall be initiated upon the Effective Date, as described in Section 11, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 2 will become effective upon execution by both Parties.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year and at the place first above written.

CHINO BASIN WATERMASTER

By _____
PETER KAVOUNAS
General Manager

INLAND EMPIRE UTILITIES AGENCY

By _____
P. JOSEPH GRINDSTAFF
General Manager

FIRST AMENDMENT
to
TASK ORDER NO. 2
LOWER DAY BASIN RMPU IMPROVEMENT PROJECT
under the
MASTER AGREEMENT REGARDING THE
MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS
between
INLAND EMPIRE UTILITIES AGENCY
and
CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 2 is made and entered into as of the 25th day of May, 2017 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

A. Task Order No. 2 ("Task Order") for the Lower Day Basin RMPU Improvement Project ("Project") was approved by IEUA on August 20, 2014 and by Watermaster on August 28, 2014.

B. On September 4, 2015, IEUA received an executed $750,000 grant award from the United States Department of the Interior's Bureau of Reclamation as part of the Bay Delta Restoration Program: CALFED Water Use Efficiency Grant. The grant was awarded toward the construction efforts of the Project and the San Sevaine Basin RMPU Improvement Project. The projects will each receive $325,000 of these grant funds.

C. During the development and design of the Project, it was determined that a higher recharge yield could be achieved for the Project if the following design elements were implemented:

a. Raise existing wall heights as high as 13-feet by 140-feet long;
b. Imbed new diversion gate flush into the existing channel floor; and,
c. Require multiple redundancy to lower gate.

The added design elements increase the new recharge yield for the Project to 993 acre-feet per year and raise the Project budget to $4,008,000.

D. On November 17, 2016, the Watermaster Board approved the "Post 2014 Stormwater Recharge Program" as part of the results and findings presented from the completed preliminary design report on the agreed 2013 RMPU projects. Under the Post 2014 Stormwater Recharge Program, the Project was recommended for final design, bidding, and construction.

E. IEUA and Watermaster wish to amend the Task Order to reflect the receipt of grant funding for the Project, to increase the Budget and Total Budgeted Cost and adjust Watermaster's budget schedule.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

   The activities to be undertaken pursuant to this Task Order include project development to properly establish the project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is the projected cost breakdown and schedule for each of the project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	$25,000
Pre-Design	12/18/14	11/16/16	$159,000
Environmental Impact	12/18/14	04/20/16	$44,000
Permits	12/18/14	01/08/18	$170,000
Design	06/22/17	03/12/18	$278,000
Bid and Award	03/13/18	06/20/18	9,000
Construction	03/22/18	06/28/19	$3,323,000
		Total	$4,008,000

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

   Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is four million eight thousand dollars ($4,008,000) ("Budget"), which includes $750,000 in grant funding from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and $375,000 in grant funding from the United States Bureau of Reclamation. The Parties agree that responsibility for the Budget less the grant funds is allocated 100-percent to Watermaster, which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement, as there is no recycled water component to the Project. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Lower Day Basin	Prior Fiscal Years (FY)	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Watermaster	$335,693	$315,000	$1,248,351	$983,140	$816	$2,883,000
IEUA	$0	-	-	-	-	$0
Grant Funding	$0	-	$1,000,000	$125,000	-	$1,125,000
Total	$335,693	$315,000	$2,248,351	$1,108,140	$816	$4,008,000

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

   The Parties agree to pay their respective portion of the Budget, less the $1,125,000 of available grant funding. The Parties shall not be required to pay more than two million eight hundred eighty-three thousand dollars ($2,883,000) ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

   The costs to be required of Watermaster under this Agreement shall be the Total Budgeted Cost that is not paid with the available $1,125,000 in grant funding, or $2,883,000.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:

Joseph Grindstaff
General Manager

CHINO BASIN WATERMASTER:

Peter Kavounas
General Manager

SECOND AMENDMENT
to
TASK ORDER NO. 2
LOWER DAY BASIN RMPU IMPROVEMENT PROJECT
under the
MASTER AGREEMENT REGARDING THE
MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS
between
INLAND EMPIRE UTILITIES AGENCY
and
CHINO BASIN WATERMASTER

This Second Amendment to Task Order No. 2 is made and entered into as of the ____ day of March 2025 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

A. Task Order No. 2 for the LOWER DAY BASIN RMPU IMPROVEMENT PROJECT (the "Task Order") was entered into by IEUA and Watermaster effective August 28, 2014 to govern the project management, planning, permitting, bid/award of construction, design and construction of the Lower Day Basin RMPU Improvement Project ("Project").

B. The First Amendment to Task Order No. 2 was entered into by Watermaster and IEUA, effective May 25, 2017, which changed the total budget for the Project's total budget from $2,480,000 to $4,008,000 due to addition of design elements to increase recharge yield for the Project to 993 acre-feet per year. The First Amendment to Task Order No. 2 adjusted the reimbursement schedule under which Watermaster provides its share of the costs to IEUA accordingly.

C. Completion of Project construction was unexpectedly delayed due to minor issues with obtaining power to the site and control at the gate pump house. This delay increased the total Project cost by $6,957. IEUA and Watermaster staff are recommending increasing the total Project budget from $4,008,000 to $4,014,957 to cover these final costs.

D. IEUA and Watermaster wish to amend Task Order No. 2 to reflect the recommended increase of total budget funds for the Project and adjustment of the reimbursement schedule under which Watermaster provides its share of the costs to IEUA.

E. Section 9 of the Task Order states: "The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities."

F. The Project is complete. All obligations and responsibilities of IEUA and Watermaster, including payment obligations, described in the Task Order have been satisfied.

G. IEUA and Watermaster wish to amend the Task Order to reflect the completion of the Project and thereby acknowledge mutual satisfaction of the Parties' obligations and responsibilities in the Task Order.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

   The activities to be undertaken pursuant to this Task Order include project development to properly establish the project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is the projected cost breakdown and schedule for each of the project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	$25,000
Pre-Design	12/18/14	11/16/16	$159,000
Environmental Impact	12/18/14	04/20/16	$44,000
Permits	12/18/14	01/08/18	$170,000
Design	06/22/17	03/12/18	$278,000
Bid and Award	03/13/18	06/20/18	$9,000
Construction	03/22/18	12/31/23	$3,329,957
		Total	$4,014,957

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

   Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is four million fourteen thousand nine hundred fifty-seven dollars ($4,014,957) ("Budget"), which includes $750,000 in grant funding from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and $375,000 in grant funding from the United States Bureau of Reclamation. The Parties agree that responsibility for the Budget less the grant funds is allocated 100-percent to Watermaster, which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement, as there is no recycled water component to the Project. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Lower Day Basin	Prior Fiscal Years (FY)	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22 – 23/24	Total
Watermaster	$335,693	$315,000	$1,248,351	$983,140	$816	$6,957	$2,889,957
IEUA	$0	-	-	-	-	-	$0
Grant Funding	$0	-	$1,000,000	$125,000	-	-	$1,125,000
Total	$335,693	$315,000	$2,248,351	$1,108,140	$816	$6,957	$4,014,957

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

   The Parties agree to pay their respective portion of the Budget, less the $1,125,000 of available grant funding. The Parties shall not be required to pay more than two million eight hundred eighty-nine thousand nine hundred fifty-seven dollars ($2,889,957) ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

   The costs to be required of Watermaster under this Agreement shall be the Total Budgeted Cost that is not paid with the available $1,125,000 in grant funding, or $2,889,957.

5. Section 12 shall be added to the Task Order and will read as follows:

   As of December 31, 2023, the Project contemplated in the Task Order was completed. The Parties acknowledge that all Watermaster and IEUA obligations and responsibilities created by the Task Order, including payment obligations, have been satisfied. The total cost for the Task Order was $4,008,000, of which, pursuant to Sections 5, 6, 7 and 8 of the Task Order, Watermaster's cost share is $2,883,000 and IEUA's cost share is $0. However, due to a prolong close-out during construction to address minor control issues, the total cost increased by $6,957, from $4,008,000 to $4,014,957. Watermaster's final cost share is $2,889,957.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

CHINO BASIN WATERMASTER:

Todd M. Corbin,
General Manager

INLAND EMPIRE UTILITIES AGENCY:

Shivaji Deshmukh, P.E.
General Manager

CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730
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STAFF REPORT

DATE: March 20, 2025

TO: Advisory Committee Members

SUBJECT: Proposed Watermaster Fiscal Year 2025/26 Budget (Business Item II.C.)

Issue: To receive the submission of the proposed Fiscal Year 2025/26 Budget in accordance with Section 30 (Annual Administrative Budget) of the Restated Judgment. [Advisory Committee Approval Required]

Recommendation: Provide advice and assistance regarding the proposed Watermaster Fiscal Year 2025/26 Budget as presented.

Financial Impact: The total proposed Watermaster Fiscal Year 2025/26 Budget is $10,493,366 (excluding any Carryover Funds).

ACTIONS:
Appropriative Pool – May 08, 2025 [Recommended]: Recommend Advisory Committee approval of the budget as presented.
Non-Agricultural Pool – May 08, 2025 [Recommended]: Recommend Advisory Committee approval of the budget as presented.
Agricultural Pool – May 08, 2025 [Recommended]: Recommend Advisory Committee approval of the budget as presented.
Advisory Committee – May 15, 2025 [Recommended]: Approve the budget as presented.
Watermaster Board – May 22, 2025 [Recommended]: Adopt the budget as presented.

BACKGROUND

Pursuant to Section 30 (Annual Administrative Budget) of the Watermaster Restated Judgment, "Watermaster shall submit to Advisory Committee an administrative budget and recommendation for each fiscal year on or before March 1." While this section of the Judgment referred to the budgeting process based on the quarterly meeting schedule at the time, the requirement for the Advisory Committee to review and submit their recommendations to Watermaster on or before April 1 can be fulfilled by providing input, advice and assistance to Watermaster staff at the March 20, 2025 meeting. Two additional budget workshops are scheduled on April 22 and April 29 to allow the parties additional time for review and to ask more detailed questions about proposed budget items. Following, Watermaster will hold a public hearing on said budget at its May monthly meeting instead of the April quarterly meeting as required in the Restated Judgment. Watermaster received a letter from the Appropriative Pool in 2021 which supports this modified approach to the budget process. This process, as identified in the Restated Judgment, recognizes the important role and responsibility of the Advisory Committee in the development and approval of Watermaster's annual budget.

As the budget is developed, the related budgeted expenses are continually refined based on feedback of the stakeholders. The following budget-related meetings were held during the past few months:

- Watermaster staff met with the West Yost staff on February 26, 2025 for an Engineering Services budget overview to discuss the ongoing engineering-related activities required by the Judgment, the Peace Agreements, Court orders, the Basin Plan, as well as other upcoming engineering activities.
- During the period of February through March 2025, Watermaster staff held numerous additional meetings and discussions with staff from West Yost to discuss questions and feedback regarding the Engineering Services budget and expected engineering activities for fiscal year (FY) 2025/26.
- Watermaster staff has also had numerous meetings and discussions with staff from Brownstein Hyatt Farber Schreck regarding the Legal Services budget and expected legal activities for FY 2025/26 during the period of February through March 2025.
- In March 2025, the Treasurer of Inland Empire Utilities Agency, Mr. Alex Lopez, provided Watermaster's share of the Debt Service figures to be included in the budget for FY 2025/26.
- The Groundwater Recharge Coordinating Committee has met on a quarterly basis to review the anticipated costs of operations and maintenance activities and develop the scope of activities for the upcoming FY 2025/26 budget as recommended by IEUA. The last meeting was held on February 25, 2025.
- The Ground-Level Monitoring Committee met on March 6, 2025 to review and recommend a scope and budget for the Ground-Level Monitoring Program for FY 2025/26. The Technical Memorandum regarding the proposed recommendation for the scope and budget for the Ground-Level Monitoring Committee for FY 2025/26 was issued on March 7, 2025.
- The Prado Basin Habitat Sustainability Committee is scheduled to meet on March 19, 2025 to review and recommend a scope and budget for the Prado Basin Habitat Sustainability Program for FY 2025/26.
- The Recharge Investigations and Projects Committee meets quarterly and the most recent meeting was held on January 16, 2025. The purpose of these meetings is to review ongoing capital projects and future years' capital expense projections, and SRF loan and other financing activities.

Based on the above-mentioned activities of the various committees, along with other input from staff and consultants, Watermaster developed the Proposed FY 2025/26 Budget version dated March 20, 2025 in the amount of $10,493,366. Attachment 1 provides the Proposed FY 2025/26 Budget Detail.

DISCUSSION

The Proposed FY 2025/26 Budget reflects $10,493,366 in total expenses from the following four major expense-budget categories.

	FY 2024/25 Approved Budget	FY 2025/26 Proposed Budget	Budget Variance ($)	Budget Variance (%)
Expenses				
Watermaster Expenses & Salaries	$ 3,578,186	$ 3,812,116	$ 233,930	7%
Engineering Services	3,215,108	2,904,403	(310,706)	(10)%
Legal Services	1,349,679	1,375,554	25,875	2%
Debt Service and Recharge Basin O&M	2,360,377	2,401,293	40,916	2%
Total Expenses	**$ 10,503,350**	**$ 10,493,366**	**$ (9,984)**	**(0)%**

WATERMASTER EXPENSES AND SALARIES - #1

The first section of the Proposed FY 2025/26 budget relates to Watermaster Expenses, Labor, and Burden. The proposed Watermaster expenses for FY 2025/26 are $907,689 or 11% above the previous year's Approved Budget of $817,326. Labor and Burden for FY 2025/26 are $2,904,427 which is $143,567 or 5% above the previous year's Approved Budget of $2,760,860. The Full Time Equivalent (FTE) number of Watermaster employees for the Proposed FY 2025/26 Budget is currently at 12 FTE.

	FY 2024/25 Approved Budget	FY 2025/26 Proposed Budget	Budget Variance ($)	Budget Variance (%)
Watermaster Expenses				
Total Expenses	$ 817,326	$ 907,689	$ 90,363	11%
Total Payroll	1,721,950	1,770,115	48,165	3%
Total Payroll Burden	1,038,910	1,134,313	95,403	9%
Total Watermaster Expenses	**$ 3,578,186**	**$ 3,812,116**	**$ 233,930**	**7%**

All proposed adjustments to the Labor and Burden expense category are routine and follow past Watermaster practices and policy. Watermaster is using the approved Salary Schedule from FY 2024/25 with a 2.9% Cost of Living adjustment included. There are no new employee benefits being proposed that create additional costs for Watermaster. The FY 2025/26 Proposed Pay Schedule is in Attachment 2.

ENGINEERING SERVICES - #2

The second section of the Proposed FY 2025/26 budget relates to Watermaster Engineering Services. The Engineering Services budget is proposed at $2,904,403 which is $310,706 or 10% below the Approved FY 2024/25 Budget of $3,215,108 (which excludes Carry-Over funding for ongoing projects).

The Engineering Services documents are provided in Attachment 3, a detailed narrative including Rationale, Scope of Work, Deliverables for each budget category, and Tables 1 through 4.

The following chart details the proposed Engineering Services budget for FY 2025/26 categorized by Watermaster account number. The comparison is between the FY 2025/26 Proposed Budget of $2,904,403 and the FY 2024/25 Adopted Budget of $3,215,108.

	FY 2024/25 Approved Budget	FY 2025/26 Proposed Budget	Budget Variance ($)	Budget Variance (%)
WY Engineering Services				
Engineering Services				
5901.8 · Admin-Meeting - West Yost	37,066	38,909	$ 1,843	5%
5906.1 · Admin-Watermaster Model Update	-	-	-	
5906.71 · Admin-Data Req-CBWM Staff	101,048	109,124	8,076	8%
5906.72 · Admin-Data Req-Non CBWM Staff	37,008	56,483	19,475	53%
5925 · Ag Prod & Estimation-West Yost	31,096	31,992	896	3%
5935 · Admin-Mat'l Phy Inj Requests	39,459	41,668	2,209	6%
5945 · WM Annual Report Prep-West Yost	16,924	17,762	838	5%
5965 · Support Data Collect-West Yost	39,659	17,302	(22,357)	-56%
6206 · West Yost-Eng. Serv.-Advisory	23,510	22,624	(886)	-4%
6306 · West Yost-Eng. Services-Board	23,510	22,624	(886)	-4%
6901.8 · OBMP - Meeting - West Yost	37,066	38,909	1,843	5%
6901.95 · OBMP - Reporting - West Yost	62,606	66,832	4,226	7%
6906 · OBMP Engineering Services - Other	51,440	65,810	14,370	28%
6906.1 · OBMP-Watermaster Model Update	67,596	8,176	(59,420)	-88%
6906.21 · State of the Basin Report	195,188	-	(195,188)	-100%
6906.26 · 2020 OBMP Update	-	-	-	
7104.3 · Grdwtr Level-Engineering	254,627	274,794	20,167	8%
7104.8 · Grdwtr Level-Contracted Serv	26,174	29,128	2,954	11%
7104.9 · Grdwtr Level-Capital Equip	17,000	19,000	2,000	12%
7202 · Comp Recharge-Engineering - Other	23,496	23,350	(146)	-1%
7202.2 · Engineering Svc	75,944	181,496	105,552	139%
7210 · OBMP - 2023 RMPU	-	-	-	
7220 · Model Mtgs/Tech Review-50% IEUA	-	-	-	
7302 · PBHSP Monitoring Prog-Eng. Serv	73,305	77,792	4,487	6%
7303 · PE3&5-Engineering	16,180	21,080	4,900	30%
7306 · PE3&5-Outside Professionals	6,500	31,500	25,000	385%
7402 · PE4-Engineering	281,239	314,263	33,024	12%
7402.10 · PE4 - Northwest MZ1 Area Proj.	16,656	241,128	224,472	1348%
7403 · PE4-Contract Svcs-InSar	39,600	28,600	(11,000)	-28%
7406 · PE4 - Outside Professionals	38,600	135,920	97,320	252%
7408 · PE4 - Network Equipment	17,555	19,107	1,552	9%
7502 · PE6&7-Engineering	398,307	365,564	(32,743)	-8%
7505 · PE6&7-Lab Services	61,242	41,300	(19,942)	-33%
7508 · HC Mitigation Plan-50% IEUA	-	-	-	
7510 · PE6&7-IEUA Salinity Mgmt. Plan	-	9,522	9,522	
7511 · PE6&7-SAWBMPTask Force	27,067	28,022	955	4%
7517 · Surface Water-Chino Creek-IEUA	33,574	28,434	(5,140)	-15%
7520 · Prep Water Quality Mgmt Plan	130,164	39,250	(90,914)	-70%
7610 · PE8&9-Support 2020 Mgmt. Plan	32,585	21,720	(10,865)	-33%
7614 · PE8&9-Develop S&R Master Plan	768,963	159,312	(609,651)	-79%
7615 · PE8&9-Develop 2025 Storage Plan	42,632	137,816	95,184	223%
7620 · Extreme Future Plan Scenarios	-	-	-	
8306 · West Yost-Eng. Services-AP	23,510	22,624	(886)	-4%
8406 · West Yost-Eng. Services-OAP	23,510	22,624	(886)	-4%
8506 · West Yost-Eng. Services-ONAP	23,510	22,624	(886)	-4%
Engineering Services	$ 3,474,548	$3,157,650	$ (316,898)	(9)%
IEUA Cost Share	(123,909)	(157,248)	(33,339)	27%
Carry-Over Work	(135,530)	(96,000)	39,530	(29)%
Total WY Engineering Services to be Assessed	**$ 3,215,108**	**$ 2,904,403**	**$ (310,706)**	**(10)%**

LEGAL SERVICES - #3

The third section of the Proposed FY 2025/26 budget relates to Watermaster Legal Services. The Proposed FY 2025/26 Brownstein Hyatt Farber Schreck budget is $1,375,554 which is $25,875 or 2% above the FY 2024/25 Approved Budget of $1,349,679.

The following chart details the proposed Legal Services budget for FY 2025/26 categorized by Watermaster's account numbers. The comparison is between the FY 2025/26 Proposed Budget of $1,375,554 and the FY 2024/25 Approved Budget of $1,349,679.

	FY 2024/25 Approved Budget	FY 2025/26 Proposed Budget	Budget Variance ($)	Budget Variance (%)
BHFS Legal Services				
Administrative (6070s)				
6071 · BHFS Legal - Court Coordination	144,040	76,000	(68,040)	(47)%
6072 · BHFS Legal - Rules & Regs	10,495	10,495	-	0%
6073 · BHFS Legal - Personnel Matters	28,150	28,150	-	0%
6074 · BHFS Legal - Interagency Issues	40,536	40,536	-	0%
6077 · BHFS Legal - Party Status Maint	13,590	13,590	-	0%
6078 · BHFS Legal - Miscellaneous	177,240	177,240	-	0%
6078.25 · Ely 3 Basin Investigation	-	-	-	
Administrative (6070s)	$ 414,051	$ 346,011	$ (68,040)	(16)%
Meetings (62, 63, 83, 84, 85)				
6275 · BHFS Legal - Advisory Committee	27,764	27,764	-	0%
6375 · BHFS Legal - Board Meeting	88,704	88,704	-	0%
6375.1 · BHFS Legal - Board Workshop(s)	29,215	29,215	-	0%
8375 · BHFS Legal - Appropriative Pool	34,705	34,705	-	0%
8475 · BHFS Legal - Agricultural Pool	34,705	34,705	-	0%
8575 · BHFS Legal - Non-Ag Pool	34,705	34,705	-	0%
Meetings (62, 63, 83, 84, 85)	249,798	249,798	-	0%
OBMP (6900s)				
6907.31 · Archibald South Plume	12,565	12,565	-	0%
6907.32 · Chino Airport Plume	12,565	12,565	-	0%
6907.33 · Desalter/Hydraulic Control	38,680	38,680	-	0%
6907.34 · Santa Ana River Water Rights	21,405	21,405	-	0%
6907.36 · Santa Ana River Habitat	31,280	-	(31,280)	(100)%
6907.38 · Reg. Water Quality Cntrl Board	63,200	63,200	-	0%
6907.39 · Recharge Master Plan	14,270	14,270	-	0%
6907.41 · Prado Basin Habitat Sustain	10,290	10,290	-	0%
6907.44 · SGMA Compliance	10,290	10,290	-	0%
6907.45 · OBMP Update	177,240	177,240	-	0%
6907.47 · 2020 Safe Yield Reset	80,190	151,180	70,990	89%
6907.48 · Ely Basin Investigation	64,890	-	(64,890)	(100)%
6907.49 · San Sevaine Basin Discharge	110,080	-	(110,080)	(100)%
6907.50 · San Sev Dischrg-State Ct Litig	-	70,775	70,775	
6907.51 · San Sev Dischrg-CWA Litigation	-	158,400	158,400	
6907.9 · WM Legal Counsel-Unanticipated	38,885	38,885	-	0%
OBMP (6900s)	685,830	779,745	93,915	14%
Total BHFS Legal Services to be Assessed	**$ 1,349,679**	**$ 1,375,554**	**$ 25,875**	**2%**

As with the past practice for the last ten plus years, the Brownstein Hyatt Farber Schreck Legal Services budget has been developed using a formula of assumed hours to complete a specific task multiplied by the

hourly rate. Brownstein Hyatt Farber Schreck hourly rates did not increase for the FY 2025/26 period. Brownstein has provided a budget worksheet which is provided in Attachment 4 dated March 10, 2025.

DEBT SERVICE AND RECHARGE BASIN O&M COSTS - #4

The fourth section of the Proposed FY 2025/26 budget relates to Watermaster's Debt Service and Recharge Basin O&M. The Debt Service is based upon principal and interest on the (1) 2020A Refunding (2008B Variable Revenue Rate Bonds) totaling $5.7M for 11 years @ 0.849% and matures in 2032; (2) San Sevaine Improvement (SRF Loan) totaling $1.5M for 30 years @1.8% and matures in December 2049; (3) Lower Day Improvement (SRF Loan) totaling $2.8M for 20 years @ .55% and matures in January 2042; and (4) Montclair Basin Improvement (SRF Loan) totaling $2.06M for 20 years @ .55% and matures in February 2046. IEUA and Watermaster share the principal and interest expenses on a 50/50 basis.

The Proposed FY 2025/26 Debt Service budget is $687,653. The FY 2024/25 budget for this category was $772,770.

2 Summary Debt Service

Debt Type	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
2020A Refunding Bonds (2008B Variable)	$759,498	$379,749	$379,749
San Sevaine Improvement (SRF loan)	101,947	50,974	50,973
Lower Day Basin Improvement (SRF Loan)	159,484	159,484	0
Total Debt Service	**$1,020,929**	**$590,207**	**$430,722**

5 Future SRF Loan Debt Service

Montclair Basin Improvement (SRF Loan) $2.06M 20 Years @ .55% Matures Feb. 2046	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
Principal Payment	$90,562	$90,562	$0
Interest Expense	6,884	6,884	0
Debt Service	**$97,446**	**$97,446**	**$0**

The current budget details regarding the Debt Service are shown in Attachment 5.

The Recharge Basin O&M expenses are shared costs between IEUA and Watermaster and are based upon the Agreement for Operations and Maintenance of Facilities to Implement the Chino Basin Recharge Master Plan. The pro-rata cost-sharing methodology is based on the relative proportion of recycled water to the total water recharged in the basins.

The total FY 2025/26 budget for the Watermaster's portion of the shared costs for Recharge Basin O&M expenses is $1,713,640. The 2024/25 budget for this category was $1,587,607.

The detailed worksheets provided by IEUA for the FY 2025/26 budget are shown in Attachment 6.

ATTACHMENTS

1. 20250320 – FY 2025-26 Proposed Budget Detail_$10,493,366
2. 20250320 – FY 2025-26 Pay Schedule_$2,904,427
3. 20250320 – FY 2025-26 Engineering Services Budget_Tables_$2,904,403
4. 20250320 – FY 2025-26 BHFS Legal Services_$1,375,554
5. 20250320 – FY 2025-26 Debt Service and Recharge Basin O&M PPT
6. 20250320 – FY 2025-26 O&M Budget

CHINO BASIN WATERMASTER
PROPOSED ANNUAL BUDGET - DETAIL
FISCAL YEAR 2025-2026

	Proposed Annual Budget - Detail	A FY 2024/25 Approved Budget	YTD Actual 2/28/25	B FY 2024/25 Projected Ending	C FY 2025/26 Proposed Budget	D = C-A Budget Variance ($)	E = D/A Budget Variance (%)
1	**Revenue**						
2	**Administration Revenue**						
3	***4000 Mutual Agency Revenue***						
4	4040 · Cooperative Agreement	191,070	191,073	191,073	195,850	4,780	3%
5	Local Agency Subsidies	191,070	191,073	191,073	195,850	4,780	3%
6	***4110 Appropriative Pool Assessments***						
7	4111 · Gross Administration	2,593,450	2,438,156	2,438,156	2,459,613	(133,837)	-5%
8	4111.2 · OBMP - Adm Assessment	4,481,220	4,212,652	4,212,652	3,161,993	(1,319,227)	-29%
9	4111.3 · App Pool - Special Assessments	-	-	-	-	-	0%
10	4112 · Agric. Pool Transfer	613,510	760,153	760,153	673,425	59,915	10%
11	4113 · OBMP - Ag Pool Water Reall	1,060,080	1,313,461	1,313,461	865,732	(194,348)	-18%
12	4114 · Ag Pool Admin & Legal Services	-	-	-	-	-	0%
13	4114.5 · PY - Ag Pool Admin & Legal	-	67,702	67,702	-	-	0%
14	4115 · Recharge Improvement Payment	-	-	-	396,600	396,600	0%
15	4116 · Recharge Debt Payment	772,770	772,770	772,770	687,653	(85,117)	-11%
16	Admin Assessments-Appropriative Pool	9,521,030	9,564,894	9,564,894	8,245,016	(1,276,014)	-13%
17	***4120 Non-Agricultural Pool Assessments***						
18	4123 · Non-Agricultural Pool	114,650	123,529	123,529	122,863	8,213	7%
19	4123.3 · Non-Ag Pool-Special Assessment	-	31,000	31,000	-	-	0%
20	4124 · OBMP Adm Assessment	198,100	213,433	213,433	157,949	(40,151)	-20%
21	Admin Assessments-Non-Ag Pool	312,750	367,962	367,962	280,812	(31,938)	-10%
22	**Total Administration Revenue**	**10,024,850**	**10,123,929**	**10,123,929**	**8,721,678**	**(1,303,172)**	**-13%**
23	**Other Revenue**						
24	***4225 · Interest Income***						
25	4225 · Interest Income	478,500	243,365	365,047	397,520	(80,980)	-17%
26	***4730 Prorated Interest Income***						
27	4731 · Interest - Agri. Pool	-	36,675	-	-	-	0%
28	4732 · Interest - Approp. Pool	-	11,528	-	-	-	0%
29	4733 · Interest - Non-Ag Pool	-	1,826	-	-	-	0%
30	4738 · Interest - Replenishment	-	3,565	-	-	-	0%
31	Interest Income	478,500	296,958	365,047	397,520	(80,980)	-17%
32	Miscellaneous Income	-	1,468	-	-	-	0%
33	**Total Other Revenue**	**478,500**	**298,425**	**365,047**	**397,520**	**(80,980)**	**-17%**
34	**Total Revenue**	**10,503,350**	**10,422,355**	**10,488,976**	**9,119,198**	**(1,384,152)**	**-13%**
35	**Expenses**						
36	**Judgment Administration Expense**						
37	***5900 Judgment Administration Costs***						
38	5901.1 · Admin-Doc. Review-WM Staff	93,860	41,200	64,375	74,466	(19,394)	-21%
39	5901.3 · Admin-Field Work-WM Staff	11,860	1,716	2,681	14,357	2,497	21%
40	5901.5 · Admin-General-WM Staff	81,090	6,381	9,970	55,535	(25,555)	-32%
41	5901.7 · Admin-Meeting-WM Staff	39,710	24,182	37,785	45,648	5,938	15%
42	5901.8 · Admin-Meeting - West Yost	37,066	-	-	38,909	1,843	5%
43	5901.9 · Admin-Reporting-WM Staff	13,890	3,557	5,558	21,742	7,852	57%
44	5906.71 · Admin-Data Req-CBWM Staff	101,048	38,822	60,659	109,124	8,076	8%
45	5906.72 · Admin-Data Req-Non CBWM Staff	37,008	33,399	52,186	56,483	19,475	53%
46	5910 · Court Coordination/Attend-WM	16,970	3,345	5,227	28,837	11,867	70%
47	5911 · Exhibit G-WM Staff	6,400	1,588	2,482	6,396	(4)	0%
48	5921 · Production Monitoring-WM Staff	5,440	60	94	9,471	4,031	74%
49	5925 · Ag Prod & Estimation-West Yost	31,096	19,707	30,791	31,992	896	3%
50	5931 · Recharge Applications-WM Staff	-	2,146	3,353	33,092	33,092	0%
51	5935 · Admin-Mat'l Phy Inj Requests	39,459	1,488	2,324	41,668	2,209	6%
52	5941 · Reporting-WM Staff	2,140	1,648	2,575	44,602	42,462	1984%
53	5945 · WM Annual Report Prep-West Yost	16,924	12,659	19,779	17,762	838	5%
54	5951 · Rules & Regs-WM Staff	11,260	-	-	11,350	90	1%
55	5961 · Safe Yield-WM Staff	9,510	25,016	39,087	106,006	96,496	1015%

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	Proposed Annual Budget - Detail	A FY 2024/25 Approved Budget	YTD Actual 2/28/25	B FY 2024/25 Projected Ending	C FY 2025/26 Proposed Budget	D = C-A Budget Variance ($)	E = D/A Budget Variance (%)
56	5965 · Support Data Collect-West Yost	39,659	-	-	17,302	(22,357)	-56%
57	5971 · Storage Agreements-WM Staff	13,000	6,190	9,672	20,671	7,671	59%
58	5981 · Water Acct/Database-WM Staff	108,290	63,747	99,605	112,036	3,746	3%
59	5991 · Water Transactions-WM Staff	5,330	4,703	7,349	13,062	7,732	145%
60	Judgment Administration Costs	721,010	291,553	455,552	910,511	189,501	26%
61	***6010 Administration Salary Costs***						
62	6010.01 · Payroll Severance	-	5,331	5,331	-	-	
63	6011.11 · WM Staff - Overtime	18,000	6,442	9,677	18,000	-	0%
64	6011.10 · Accounting-WM Staff	278,330	147,024	229,725	280,410	2,080	1%
65	6011.15 · Building Admin-WM Staff	31,200	45,504	71,100	31,040	(160)	-1%
66	6011.20 · Conference/Seminar-WM Staff	58,530	31,595	49,368	50,660	(7,870)	-13%
67	6011.25 · Document Review-WM Staff	2,620	26,853	41,957	54,110	51,490	1965%
68	6011.30 · Field Work-WM Staff	-	1,563	2,443	-	-	0%
69	6011.50 · General-WM Staff	362,560	204,939	320,217	278,870	(83,690)	-23%
70	6011.60 · HR-WM Staff	50,450	92,236	144,119	100,980	50,530	100%
71	6011.70 · IT-WM Staff	34,070	48,852	76,331	72,830	38,760	114%
72	6011.80 · Meeting-WM Staff	39,760	64,207	100,324	93,640	53,880	136%
73	6011.90 · Team Building-WM Staff	41,550	16,022	25,034	33,490	(8,060)	-19%
74	6011.95 · Training-Give/Receive-WM Staff	64,160	25,123	39,254	79,580	15,420	24%
75	6012 · Payroll Services	6,640	5,189	5,789	2,500	(4,140)	-62%
76	6013 · Human Resources Services	15,000	-	-	-	(15,000)	-100%
77	6015.5 · Retention Bonus Payment - GM	-	13,889	13,889	-	-	0%
78	6016 · New Employee Search Costs	3,210	2,452	2,980	3,480	270	8%
79	6017 · Temporary Services	26,040	24,229	38,751	28,250	2,210	8%
80	6018 Fringe Benefits	1,039,610	673,219	1,051,904	1,134,070	94,460	9%
81	60199 · Payroll Burden Allocated	(1,039,610)	(609,610)	(952,516)	(1,134,070)	(94,460)	9%
82	Administration Salary Costs	1,032,120	825,058	1,275,675	1,127,840	95,720	9%
83	***6020 Office Building Expense***						
84	6021 · Office Lease	140,720	94,871	141,779	142,835	2,115	2%
85	6022 · Telephone	17,680	7,484	11,969	17,680	-	0%
86	6023 · Office Utilities	24,740	23,240	30,499	32,020	7,280	29%
87	6024 · Building Repair & Maintenance	34,400	13,915	20,452	34,400	-	0%
88	6025 · Building Renovations	15,930	22,517	22,517	15,930	-	0%
89	6027 · Other Building Expense	1,000	300	300	1,000	-	0%
90	Office Building Expense	234,470	162,327	227,516	243,865	9,395	4%
91	***6030 Office Supplies & Equip.***						
92	6031.1 · Copy Paper	750	234	234	750	-	0%
93	6031.7 · General Office Supplies	24,610	9,177	13,766	26,700	2,090	8%
94	6036 · Minor Office Furniture	5,000	608	1,162	5,000	-	0%
95	6038 · Other Office Equipment	2,000	-	-	-	(2,000)	-100%
96	6039.1 · Banking Service Charges	14,400	7,797	11,696	10,000	(4,400)	-31%
97	6141.1 · Meeting Supplies	8,970	3,747	5,620	8,970	-	0%
98	6147 · Other Admin Expenses	660	2,643	2,643	660	-	0%
99	Office Supplies & Equip.	56,390	24,207	35,122	52,080	(4,310)	-8%
100	***6040 Postage & Printing Costs***						
101	6042 · Postage - General	4,780	2,799	4,198	5,190	410	9%
102	6043 · Copy Machine Lease	24,190	12,873	19,310	20,000	(4,190)	-17%
103	6045 · Printing	3,000	-	-	1,500	(1,500)	-50%
104	6046 · Legal Publications/Services	980	-	-	500	(480)	-49%
105	Postage and Printing Costs	32,950	15,672	23,508	27,190	(5,760)	-17%
106	***6050 Information Services***						
107	6052.2 · Database Services	91,000	10,438	15,656	91,000	-	0%
108	6052.4 · IT Managed Services	59,840	27,767	41,650	51,000	(8,840)	-15%
109	6052.5 · IT Data Backup/Storage	23,280	14,537	21,806	22,000	(1,280)	-5%
110	6053 · Internet Expense	12,610	9,171	13,757	15,600	2,990	24%
111	6054 · Computer Software	20,000	4,346	6,519	20,000	-	0%

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112	6055 · Computer Hardware	20,000	8,885	13,327	20,000	-	0%
113	6056 · Website Services	4,800	1,610	2,415	4,800	-	0%
114	6057 · Computer Maintenance	1,000	-	-	-	(1,000)	-100%
115	Information Services	232,530	76,754	115,131	224,400	(8,130)	-3%
116	***6060 WM Special Contract Services***						
117	6061.1 · Accounting Services Consultant	50,000	617	6,027	50,000	-	0%
118	6061.2 · HRIS System	2,890	1,823	2,739	4,800	1,910	66%
119	6061.3 · Annual Report Services	25,200	22,201	22,201	25,000	(200)	-1%
120	6061.5 · Court Filing Services	2,000	-	-	-	(2,000)	-100%
121	6062 · Audit Services - Other	18,750	16,775	16,775	19,450	700	4%
122	6062.5 · Audit Support Services	4,620	3,060	3,060	1,700	(2,920)	-63%
123	6068 · Hearing Officer	8,000	-	-	8,000	-	0%
124	WM Special Contract Services	111,460	44,476	50,802	108,950	(2,510)	-2%
125	***6070 Watermaster Legal Services***						
126	6071 · BHFS Legal - Court Coordination	144,040	102,084	153,126	76,000	(68,040)	-47%
127	6072 · BHFS Legal - Rules & Regs	10,500	-	-	10,495	(5)	0%
128	6073 · BHFS Legal - Personnel Matters	28,150	256,490	256,490	28,150	-	0%
129	6074 · BHFS Legal - Interagency Issues	40,540	-	-	40,536	(4)	0%
130	6077 · BHFS Legal - Party Status Maint	13,590	-	-	13,590	-	0%
131	6078 · BHFS Legal - Miscellaneous	177,240	78,108	117,162	177,240	-	0%
132	6078.25 · Ely 3 Basin Investigation	-	-	-	-	-	0%
133	Watermaster Legal Services	414,060	436,682	526,778	346,011	(68,049)	-16%
134	***6080 Insurance Expense***						
135	6085 · Business Insurance Package	50,690	38,572	51,685	55,000	4,310	9%
136	6086 · Position Bond Insurance	260	-	-	-	(260)	-100%
137	Insurance Expense	50,950	38,572	51,685	55,000	4,050	8%
138	***6110 Dues and Subscriptions***						
139	6111 · Membership Dues	25,000	18,398	20,018	40,000	15,000	60%
140	6112 · Subscriptions/Publications	900	1,304	3,479	900	-	0%
141	Dues and Subscriptions	25,900	19,702	23,496	40,900	15,000	58%
142	***6150 Field Supplies & Equipment***						
143	6151 · Small Tools & Equipment	450	531	531	1,000	550	122%
144	6152 · Safety Shoes	800	-	-	800	-	0%
145	6154 · Uniforms	1,950	504	504	2,100	150	8%
146	Field Supplies & Equipment	3,200	1,035	1,035	3,900	700	22%
147	***6170 Travel & Transportation***						
148	6171.1 · Vehicle Allowance	20,400	12,800	19,200	20,400	-	0%
149	6172 · Rental Vehicle	1,000	-	-	1,000	-	0%
150	6173 · Airfare/Mileage	5,000	272	408	5,000	-	0%
151	6174 · Public Transportation	120	-	-	-	(120)	-100%
152	6175 · Vehicle Fuel	3,320	1,371	2,056	3,600	280	8%
153	6177 · Vehicle Repairs & Maintenance	5,120	1,183	1,775	5,600	480	9%
154	6179 · Vehicle Purchase(s)	70,000	65,731	-	-	(70,000)	-100%
154	Travel and Transportation	104,960	81,357	23,439	35,600	(69,360)	-66%
156	***6190 Conferences & Seminars***						
157	6191 · Conferences - General	15,000	7,006	9,102	15,000	-	0%
158	6193 · Employee Training	34,370	4,967	8,370	34,370	-	0%
159	Conferences and Seminars	49,370	11,973	17,472	49,370	-	0%
160	***6200 Advisory Committee Expenses***						
161	6201 · WM Staff Salaries	82,850	17,158	26,809	61,397	(21,453)	-26%
162	6206 · West Yost-Eng. Serv.-Advisory	23,510	4,257	6,386	22,624	(886)	-4%
163	6275 · BHFS Legal - Advisory Committee	27,770	5,583	8,375	27,764	(6)	0%
164	Advisory Committee Expenses	134,130	26,998	41,570	111,785	(22,345)	-17%
165	***6300 Watermaster Board Expenses***						
166	6301 · WM Staff Salaries	83,910	60,410	94,390	101,669	17,759	21%

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167	6306 · West Yost-Eng. Services-Board	23,510	12,231	25,512	22,624	(886)	-4%
168	6311 · Board Member Compensation	40,000	14,375	33,625	40,000	-	0%
169	6312 · Board Meeting Expenses	8,650	4,890	5,043	8,650	-	0%
170	6313 · Board Member Expenses	300	-	-	300	-	0%
171	6375 · BHFS Legal - Board Meeting	88,705	31,673	50,270	88,704	(1)	0%
172	6375.1 · BHFS Legal - Board Workshop(s)	29,215	-	-	29,215	-	0%
173	6375.2 · Board Workshop Expenses-Misc.	14,000	-	-	40,000	26,000	186%
174	Watermaster Board Expenses	288,290	123,578	208,840	331,162	42,872	15%
175	***8300 Appropriative Pool Administration***						
176	8301 · WM Staff Salaries	67,280	73,577	114,964	89,707	22,427	33%
177	8306 · West Yost-Eng. Services-AP	23,510	10,880	15,799	22,624	(886)	-4%
178	8367 · Legal Service	-	74,269	74,269	-	-	0%
179	8375 · BHFS Legal - Appropriative Pool	34,710	6,487	10,589	34,705	(5)	0%
180	Appropriative Pool Administration	125,500	165,212	215,621	147,036	21,536	17%
181	***8400 Agricultural Pool Administration***						
182	8401 · WM Staff	66,005	20,270	31,672	83,199	17,194	26%
183	8406 · West Yost-Eng. Services-OAP	23,510	10,156	15,234	22,624	(886)	-4%
184	8467 · Ag Legal & Technical Services	-	78,000	117,000	-	-	0%
185	8470 · Ag Meeting Attend -Special	-	13,375	20,063	-	-	0%
186	8471 · Ag Pool Expense	-	9,454	14,181	-	-	0%
187	8475 · BHFS Legal - Agricultural Pool	34,705	6,487	9,730	34,705	-	0%
188	Agricultural Pool Administration	124,220	137,742	207,880	140,528	16,308	13%
189	***8500 Non-Agricultural Pool Administration***						
190	8501 · WM Staff	62,725	12,595	19,680	66,256	3,531	6%
191	8506 · West Yost-Eng. Services-ONAP	23,510	6,456	11,359	22,624	(886)	-4%
192	8511 · Non-Ag Pool Member Compensation	-	2,875	5,375	-	-	0%
193	8567 · Non-Ag Legal Service	-	6,204	11,440	-	-	0%
194	8575 · BHFS Legal - Non-Ag Pool	34,705	6,487	6,487	34,705	-	0%
195	Non-Agricultural Pool Administration	120,940	34,617	54,340	123,585	2,645	2%
196	***9500 Allocated Administration Expenses***						
197	9500 · Allocated Admin Expenditures	(540,830)	(232,731)	(362,526)	(413,582)	127,248	-24%
198	Allocated Administration Expenses	(540,830)	(232,731)	(362,526)	(413,582)	127,248	-24%
199	**Total Judgment Administration Expenses**	**3,321,620**	**2,284,783**	**3,192,935**	**3,666,132**	**344,512**	**10%**
200	**OBMP Expenses & Program Elements 1-9**						
201	***6900 Optimum Basin Mgmt Program***						
202	6901.1 · OBMP - Doc. Review - WM Staff	95,294	23,301	36,409	50,364	(44,930)	-47%
203	6901.3 · OBMP - Field Work - WM Staff	50,870	1,153	1,801	9,471	(41,399)	-81%
204	6901.5 · OBMP - General - WM Staff	81,120	62,341	97,407	52,005	(29,115)	-36%
205	6901.7 · OBMP - Meeting - WM Staff	80,360	20,618	32,215	33,487	(46,873)	-58%
206	6901.8 · OBMP - Meeting - West Yost	37,066	19,358	49,013	38,909	1,843	5%
207	6901.9 · OBMP - Reporting - WM Staff	11,040	5,934	9,271	39,176	28,136	255%
208	6901.95 · OBMP - Reporting - West Yost	62,606	40,228	41,372	66,832	4,226	7%
209	OBMP - WM Staff Salaries	418,360	172,932	267,489	290,245	(128,115)	-31%
210	***6903 OBMP - SAWPA Group***						
211	6903 · OBMP SAWPA Group	15,990	15,984	15,984	18,952	2,962	19%
212	OBMP - SAWPA Group	15,990	15,984	15,984	18,952	2,962	19%
213	***6906 OBMP - Engineering Services***						
214	6906 · OBMP Engineering Services - Other	51,440	47,698	62,899	65,810	14,370	28%
215	6906.1 · OBMP-Watermaster Model Update	67,596	6,552	6,552	8,176	(59,420)	-88%
216	6906.14 · Modeling for WSIP-100% IEUA	-	5,571	27,453	-	-	0%
217	6906.21 · State of the Basin Report	195,188	44,574	44,574	-	(195,188)	-100%
218	OBMP - Enginnering Services	314,230	104,394	141,477	73,986	(240,244)	-76%
219	***6907 OBMP - Legal***						
220	6907.31 · Archibald South Plume	12,565	-	-	12,565	-	0%
221	6907.32 · Chino Airport Plume	12,565	-	-	12,565	-	0%

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222	6907.33 · Desalter/Hydraulic Control	38,680	-	-	38,680	-	0%
223	6907.34 · Santa Ana River Water Rights	21,405	370	605	21,405	-	0%
224	6907.36 · Santa Ana River Habitat	31,280	-	-	-	(31,280)	-100%
225	6907.38 · Reg. Water Quality Cntrl Board	63,200	852	1,318	63,200	-	0%
226	6907.39 · Recharge Master Plan	14,270	73,153	109,682	14,270	-	0%
227	6907.41 · Prado Basin Habitat Sustain	10,290	-	4,016	10,290	-	0%
228	6907.44 · SGMA Compliance	10,290	284	387	10,290	-	0%
229	6907.45 · OBMP Update	177,240	-	276	177,240	-	0%
230	6907.47 · 2020 Safe Yield Reset	80,190	33,915	59,573	151,180	70,990	89%
231	6907.48 · Ely Basin Investigation	64,890	5,359	8,512	-	(64,890)	-100%
232	6907.49 · San Sevaine Basin Discharge	110,080	-	-	-	(110,080)	-100%
233	6907.50 · San Sev Dischrg-State Ct Litig	-	-	-	70,775		0%
234	6907.51 · San Sev Dischrg-CWA Litigation	-	-	-	158,400		0%
233	6907.9 · WM Legal Counsel-Unanticipated	38,885	-	-	38,885	-	0%
236	OBMP - Legal Services	685,830	113,933	184,369	779,745	93,915	14%
237	***6909 OBMP - Miscellaneous Expenses***						
238	6909.3 · Other OBMP Expenses	3,540	2,172	2,172	2,200	(1,340)	-38%
239	6909.6 · OBMP Expenses - Miscellaneous	-	-	-	4,000	4,000	0%
240	OBMP - Miscellaneous Expenses	3,540	2,172	2,172	6,200	2,660	75%
241	Optimum Basin Mgmt Program	1,437,940	409,415	611,492	1,169,128	(268,812)	-19%
242	***7103 Groundwater Quality Monitoring***						
243	7103.6 · Grdwtr Qual-Supplies	-	-	-	4,500	4,500	0%
244	Groundwater Quality Monitoring	-	-	-	4,500	4,500	0%
246	***7104 Groundwater Level Monitoring***					-	
247	7104.1 · PE 1 Monitoring - WM Staff	275,499	125,605	196,258	166,708	(108,791)	-39%
248	7104.3 · Grdwtr Level-Engineering	254,627	133,926	223,254	274,794	20,167	8%
249	7104.4 · Grdwtr Level-WM Staff-Services	500	-	-	-	(500)	-100%
250	7104.6 · Grdwtr Level-Supplies	2,250	1,849	1,970	2,250	-	0%
251	7104.7 · Grdwtr Level-WM Staff-Cap Equip	9,000	17,300	24,903	9,000	-	0%
252	7104.8 · Grdwtr Level-Contracted Serv	26,174	11,800	11,800	29,128	2,954	11%
253	7104.9 · Grdwtr Level-Capital Equip	17,000	4,896	30,812	19,000	2,000	12%
254	Groundwater Level Monitoring	585,050	295,376	488,997	500,880	(84,170)	-14%
255	***7200 OBMP Pgm Element 2 - Comp Recharge***					-	
256	7201 · PE2 Comp Recharge - WM Staff	71,753	51,558	80,559	49,649	(22,104)	-31%
257	7202 · Comp Recharge-Engineering - Other	23,496	5,116	11,256	23,350	(146)	-1%
258	7202.2 · Engineering Svc	75,944	121,337	165,111	181,496	105,552	139%
259	7204 · Comp Recharge-Supplies	2,000	-	-	2,000	-	0%
260	7205 · Comp Recharge-Other Expense	13,500	14,306	21,460	14,500	1,000	7%
261	7206 · Comp Recharge-O&M	1,587,607	397,082	595,624	1,317,040	(270,567)	-17%
262	OBMP Pgm Element 2 - Comp Recharge	1,774,300	589,399	874,009	1,588,035	(186,265)	-10%
263	***7300 OBMP Pgm Element 3 & 5 - Water Supply Plan-Desalter***					-	
264	7301 · PE3&5 Water Supply - WM Staff	9,515	-	-	19,189	9,674	102%
265	7301.1 · PE5 Regional Prgm - WM Staff	9,510	840	1,312	16,759	7,249	76%
266	7302 · PBHSP Monitoring Prog-Eng. Serv	73,305	32,878	76,375	77,792	4,487	6%
267	7303 · PE3&5-Engineering	16,180	3,088	4,631	21,080	4,900	30%
268	7305 · PE3&5-Supplies	7,000	-	-	7,000	-	0%
269	7306 · PE3&5-Outside Professionals	6,500	-	-	31,500	25,000	385%
270	OBMP Pgm Element 3 & 5 - Water Supply Plan	122,010	36,805	82,318	173,320	51,310	42%
271	***7400 OBMP Pgm Element 4 - Mgmt Zone Strategies***					-	
272	7401 · PE 4 MZ1 Mgmt Plan - WM Staff	14,040	-	-	25,595	11,555	82%
273	7402 · PE4-Engineering	281,239	146,202	219,302	314,263	33,024	12%
274	7402.10 · PE4 - Northwest MZ1 Area Proj.	16,656	76,348	114,522	241,128	224,472	1348%
275	7403 · PE4-Contract Svcs-InSar	39,600	22,000	33,000	28,600	(11,000)	-28%
276	7404 · PE4-Supplies	2,210	1,548	2,322	2,210	-	0%
277	7405 · PE4-Other Expense	2,500	(96)	(144)	2,500	-	0%

CHINO BASIN WATERMASTER
PROPOSED ANNUAL BUDGET - DETAIL
FISCAL YEAR 2025-2026

	Proposed Annual Budget - Detail	A FY 2024/25 Approved Budget	YTD Actual 2/28/25	B FY 2024/25 Projected Ending	C FY 2025/26 Proposed Budget	D = C-A Budget Variance ($)	E = D/A Budget Variance (%)
278	7406 · PE4 - Outside Professionals	38,600	-	86,447	135,920	97,320	252%
279	7408 · PE4 - Network Equipment	17,555	295	442	19,107	1,552	9%
280	OBMP Pgm Element 4 - Mgmt Zone Strategies	412,400	246,297	455,892	769,323	356,923	87%
281	***7500 OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt***					-	
282	7501 · PE6 Coop. Prgms - WM Staff - Other	9,514	6,513	10,177	22,983	13,469	142%
283	7501.1 · PE7 Salt Mgmt. Plan - WM Staff	9,510	4,324	6,756	16,786	7,276	77%
284	7502 · PE6&7-Engineering	398,309	209,812	209,812	365,564	(32,745)	-8%
285	7502.2 · PE7-Groundwtr Quality Model	-	-	-	70,216	70,216	0%
286	7505 · PE6&7-Lab Services	61,242	48,482	72,722	41,300	(19,942)	-33%
287	7510 · PE6&7-IEUA Salinity Mgmt. Plan	-	28,891	43,337	9,522	9,522	0%
288	7511 · PE6&7-SAWBMPTask Force	27,067	2,660	4,477	28,022	955	4%
289	7517 · Surface Water-Chino Creek-IEUA	33,574	24,967	37,450	28,434	(5,140)	-15%
290	7520 · Prep Water Quality Mgmt Plan	130,164	2,783	4,174	39,250	(90,914)	-70%
291	7535 · PE6&7 - Supplies & Services	-	198	297	-	-	0%
292	7540 · Meter Install - New Meter	-	-	-	150,000	150,000	0%
293	7545 · Meter Install - Calibrate/Test	-	173,431	260,147	-	-	0%
294	OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt	669,380	502,060	649,348	772,078	102,698	15%
295	***7600 OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use***						
296	7601 · PE8&9 Storage Mgmt. - WM Staff	22,520	22,122	34,566	33,288	10,768	48%
297	7604 · PE8&9-Supplies	350	-	-	-	(350)	-100%
298	7610 · PE8&9-Support 2020 Mgmt. Plan	32,585	-	-	21,720	(10,865)	-33%
299	7614 · PE8&9-Develop S&R Master Plan	768,963	277,070	415,605	159,312	(609,651)	-79%
300	7615 · PE8&9-Develop 2025 Storage Plan	42,632	-	-	137,816	95,184	223%
301	OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use	867,050	299,192	450,171	352,136	(514,914)	-59%
302	***7690 Recharge Improvement Debt & Projects***					-	
303	7690.1 · Recharge Improvement Debt Pymts	772,770	955,086	955,086	687,653	(85,117)	-11%
304	GWR-RW OIT Upgrades	-	-	-	25,000	25,000	0%
305	Ground Water Recharge Condition Assessments	-	-	-	25,000	25,000	0%
306	GWR Basin PLC Upgrades	-	-	-	250,000	250,000	0%
307	College Heights Basin Well Sensor Installation	-	-	-	37,500	37,500	0%
308	Ground Water Recharge/Recycled Water Valve Actu	-	-	-	37,500	37,500	0%
309	RW / GWR SCADA Infrastructure Replacemen	-	-	-	21,600	21,600	0%
310	Recharge Improvement Debt & Projects	772,770	955,086	955,086	1,084,253	311,483	40%
311	***9501 Allocated Administration Expenses - OBMP***					-	
312	9501 · Admin Exp. Allocated-OBMP	232,750	81,364	150,317	142,508	(90,242)	-39%
313	Allocated Administration Expenses - OBMP	232,750	81,364	150,317	142,508	(90,242)	-39%
314	***9502 Allocated Administration Expenses - PE 1-9***					-	
315	9502 · Admin Exp. Allocated-PE 1-9	308,080	151,367	219,209	271,074	(37,006)	-12%
316	Allocated Administration Expenses - PE 1-9	308,080	151,367	219,209	271,074	(37,006)	-12%
317	**Total OBMP Program Elements 1-9**	**7,181,730**	**3,566,361**	**4,936,840**	**6,827,234**	**(354,496)**	**-5%**
318	**Total Expenses**	**10,503,350**	**5,851,145**	**8,129,774**	**10,493,366**	**(9,984)**	**0%**
319	**Net Ordinary Income/(Loss)**	**-**	**4,571,210**	**2,359,202**	**(1,374,168)**		
320	**9999 · To/(From) Reserves**	-	-	-	**1,374,168**		
321	**Net Income/(Loss)**	**-**	**4,571,210**	**2,359,202**	-		

CHINO BASIN WATERMASTER
ASSESSMENT CALCULATION - *PROJECTED*
FISCAL YEAR 2025/26
INCLUDES 10% JUDGMENT ADMINISTRATION AND 15% OBMP & PROGRAM ELEMENTS 1-9 OPERATING RESERVES

	FY 2024/25 BUDGET [5]	FY 2025/26 BUDGET	ASSESSMENT	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AG POOL	
PRODUCTION BASIS									
2023/24 Production & Exchanges in Acre-Feet (Actuals)			77,415.609	56,820.238	73.396%	17,716.582	22.885%	2,878.789	3.719%
2024/25 Production & Exchanges in Acre-Feet (Projected) [1]			89,841.956	67,869.510	75.543%	18,582.214	20.683%	3,390.232	3.774%
BUDGET				**Judgment Administration**	**OBMP & PE 1-9**	**Judgment Administration**	**OBMP & PE 1-9**	**Judgment Administration**	**OBMP & PE 1-9**
Judgment Administration [2,3]	3,321,620	3,666,132	$3,666,132	$2,769,514		$758,274		$138,343	
OBMP & Program Elements 1-9 [2]	6,408,960	5,742,981	5,742,981		4,338,433		1,187,834		216,714
Judgment Administration, OBMP & PE 1-9 Assessments	$9,730,580	$9,409,113	9,409,113	2,769,514	4,338,433	758,274	1,187,834	138,343	216,714
TOTAL BUDGET			9,409,113	2,769,514	4,338,433	758,274	1,187,834	138,343	216,714
Less: Budgeted Interest Income	(478,500)	(397,520)	(397,520)		(300,299)		(82,220)		(15,001)
Less: Contributions from Outside Agencies	(191,070)	(195,850)	(195,850)		(147,951)		(40,508)		(7,390)
Subtotal: CASH DEMAND	9,061,010	8,815,743	8,815,743	2,769,514	3,890,182	758,274	1,065,106	138,343	194,323
Less: Net Excess Cash Reserves [4]	(1,293,506)	(1,374,168)	(1,374,168)	(309,901)	(728,189)	(84,849)	(199,373)	(15,480)	(36,375)
FUNDS REQUIRED TO BE ASSESSED	$9,061,010	$7,441,575	**$7,441,575**	$2,459,613	$3,161,993	$673,425	$865,732	$122,863	$157,949
Proposed Assessments									
Judgment Administration, OBMP & PE 1-9 (Minimum $5.00 Per Producer)		A	Per Acre-Foot	**$36.24**	**$46.59**	**$36.24**	**$46.59**	**$36.24**	**$46.59**
Grand Total					**$82.83**		**$82.83**		**$82.83**
Prior Year Assessments, (Actuals) Information Only		B	Per Acre-Foot	$42.91	$74.14	$42.91	$74.14	$42.91	$74.14
Grand Total					$117.05		$117.05		$117.05
Variance Between Proposed Assessments and Prior Year Assessments		A - B		($6.67)	($27.55)	($6.67)	($27.55)	($6.67)	($27.55)
Grand Total					($34.22)		($34.22)		($34.22)
Estimated Assessment as of Adopted Budget May 23, 2024, Information Only				$35.09	$60.63	$35.09	$60.63	$35.09	$60.63
Grand Total					$95.72		$95.72		$95.72

[1] Due to the timing of when the Budget and the Assessment Package are prepared, actual production numbers on this page may differ from the Budget depending on any last minute corrections during the Assessment Package preparation process.
[2] Total costs are allocated to Pools by actual production percentages. Does not include Recharge Debt Payment, Recharge Improvement Projects, Replenishment Water purchases, or RTS charges.
[3] Judgment Administration excludes OAP, AP, and ONAP specific legal services, meeting compensation, or Special Funds. These items invoiced separately on the Assessment invoices.
[4] June 30th fund balance (estimated) less any funds required for Operating Reserves, OAP, AP, or ONAP Reserves, and Carryover replenishment obligations.
[5] The previous fiscal year's budget numbers are from the previously approved Assessment Package and does not reflect numbers from any amended budget that may have followed.

Chino Basin Watermaster

FY 24/25 Production & Exchanges in Acre-Feet

(Projected)

FY 2024/25 Projected Production (Based On Excel Forecast Model)		
Pool 1 Total:	18,582.214	
Pool 2 Total:	3,390.232	
Pool 3 Minus CDA Total:	67,869.510	
CDA Total:	40,000.000	
Overall Total:	129,841.956	
Overall Minus CDA Total:	89,841.956	

*****Projections based on data as of Q2 December 31, 2024. Figures will be updated in April 2025 once the Q3 data is available.*

Chino Basin Watermaster
Determination of Excess Cash Reserves
(Draft)

				June 30, 2024
Cash Balances				
Petty Cash		$ 301.82		
BofA Checking Account		610,770.23		
Trust Account - County of SB		-		
CLASS Account		10,449,837.01		
LAIF Account (Including Fair Market Value Adj.)		633,859.31	$	11,694,768.37
Less: Current Liabilities				
Accounts Payable		$ (667,236.76)		
Payroll Liabilities - Vacation/Sick/Comp		(155,699.76)	$	(822,936.52)
Net Cash Balance			**$**	**10,871,831.85**
Reserve Policy Requirements				
Restricted Reserves:				
Six (6) Months Working Capital - Reserve		$ (5,251,675.00)		
10% Judgment Admin - Reserve		(332,162.00)		
15% OBMP and PE 1-9 - Reserve		(961,344.00)	$	(6,545,181.00)
Net Cash Balance Required per Policy			$	4,326,650.85
Restricted Funds				
Pool Special Assessment Fund Balances:				
Agricultural Pool Special Fund		$ (818,112.17)		
Non-Agricultural Pool - Legal Services	$ (63,483.09)			
Non-Agricultural Pool - Meeting Compensation	(2,250.00)	$ (65,733.09)		
Appropriative Pool - Held for Agricultural Pool - Legal Services	$ (388,647.51)			
Appropriative Pool - Held for Agricultural Pool - Mtg. Attendance Compensation	(17,694.65)			
Appropriative Pool - Held for Agricultural Pool - Special Project Funding	(51,643.00)			
Appropriative Pool - Legal Services	9,472.87			
Appropriative Pool - Consultant Services	(20,577.61)	$ (469,089.90)	$	(1,352,935.16)
Appropriative Pool - TOA Settlement Agreement Invoice (6/17/22) billed twice				(75,868.00)
Groundwater Replenishment Funds Collected:			$	(180,234.43)
Reimbursements and Refunds Due at Assessment Invoicing:				
Debt Service Refund - FY 2021/22		$ (145,043.00)		
Debt Service Refund - FY 2022/23		(18,441.00)	$	(163,484.00)
Designated Funds				
Carryover Budget:				
Administration		$ (10,037.93)		
OBMP		(357,050.00)		
Engineering		(454,874.59)		
Projects		(918,709.78)		
Projects Available for Refund		560,709.78		
			$	(1,179,962.52)
Other:				
Refund Reserve Used by AP for Ag Legal		$ (102,557.12)		
Refund Reserve Used by AP for Ag Legal included above		102,557.12	$	-
Net Cash in Excess/(Shortfall)			**$**	**1,374,166.74**

CHINO BASIN WATERMASTER — **FISCAL YEAR 2025/26** — **Effective Date: July 1, 2025**

PAY SCHEDULE — Approved by Board:

Revision Date: March 11, 2025

POSITION	TYPE	FTE COUNT	HOURLY							MONTHLY						
										LOW			MEDIAN			HIGH
General Manager	1	1								$22,756.93	$23,894.00	$25,088.27	$26,343.20	$27,660.53	$29,043.73	$30,496.27
			STEP A	STEP B	STEP C	STEP D	STEP E	STEP F	STEP G	STEP A	STEP B	STEP C	STEP D	STEP E	STEP F	STEP G
Water Resources Management and Planning Director	2	1	$83.48	$87.65	$92.03	$96.63	$101.46	$106.53	$111.86	$14,469.87	$15,192.67	$15,951.87	$16,749.20	$17,586.40	$18,465.20	$19,389.07
Director of Administration	2	1	$80.05	$84.05	$88.25	$92.66	$97.29	$102.15	$107.26	$13,875.33	$14,568.67	$15,296.67	$16,061.07	$16,863.60	$17,706.00	$18,591.73
Water Resources Technical Manager	3	1	$63.61	$66.79	$70.13	$73.64	$77.32	$81.19	$85.25	$11,025.73	$11,576.93	$12,155.87	$12,764.27	$13,402.13	$14,072.93	$14,776.67
Data Services and Judgment Reporting Manager	3	1	$63.61	$66.79	$70.13	$73.64	$77.32	$81.19	$85.25	$11,025.73	$11,576.93	$12,155.87	$12,764.27	$13,402.13	$14,072.93	$14,776.67
Water Resources Sr. Associate	3	0	$48.94	$51.39	$53.96	$56.66	$59.49	$62.46	$65.58	$8,482.93	$8,907.60	$9,353.07	$9,821.07	$10,311.60	$10,826.40	$11,367.20
Water Resources Associate	3	1	$36.98	$38.83	$40.77	$42.81	$44.95	$47.20	$49.56	$6,409.87	$6,730.53	$7,066.80	$7,420.40	$7,791.33	$8,181.33	$8,590.40
Sr. Field Operations Specialist	3	1	$34.21	$35.92	$37.72	$39.61	$41.59	$43.67	$45.85	$5,929.73	$6,226.13	$6,538.13	$6,865.73	$7,208.93	$7,569.47	$7,947.33
Field Operations Specialist	3	1	$29.67	$31.15	$32.71	$34.35	$36.07	$37.87	$39.76	$5,142.80	$5,399.33	$5,669.73	$5,954.00	$6,252.13	$6,564.13	$6,891.73
Sr. Accountant	3	1	$48.94	$51.39	$53.96	$56.66	$59.49	$62.46	$65.58	$8,482.93	$8,907.60	$9,353.07	$9,821.07	$10,311.60	$10,826.40	$11,367.20
Executive Assistant II - Board Clerk	3	0	$43.32	$45.49	$47.76	$50.15	$52.66	$55.29	$58.05	$7,508.80	$7,884.93	$8,278.40	$8,692.67	$9,127.73	$9,583.60	$10,062.00
Executive Assistant I - Board Clerk	3	1	$33.94	$35.64	$37.42	$39.29	$41.25	$43.31	$45.48	$5,882.93	$6,177.60	$6,486.13	$6,810.27	$7,150.00	$7,507.07	$7,883.20
Sr. Administrative Analyst	3	0	$39.60	$41.58	$43.66	$45.84	$48.13	$50.54	$53.07	$6,864.00	$7,207.20	$7,567.73	$7,945.60	$8,342.53	$8,760.27	$9,198.80
Administrative Analyst	3	1	$32.99	$34.64	$36.37	$38.19	$40.10	$42.11	$44.22	$5,718.27	$6,004.27	$6,304.13	$6,619.60	$6,950.67	$7,299.07	$7,664.80
Accountant	3	0	$32.99	$34.64	$36.37	$38.19	$40.10	$42.11	$44.22	$5,718.27	$6,004.27	$6,304.13	$6,619.60	$6,950.67	$7,299.07	$7,664.80
Administrative Assistant	3	0	$29.55	$31.03	$32.58	$34.21	$35.92	$37.72	$39.61	$5,122.00	$5,378.53	$5,647.20	$5,929.73	$6,226.13	$6,538.13	$6,865.73
Office Specialist/Receptionist	3	0	$24.64	$25.87	$27.16	$28.52	$29.95	$31.45	$33.02	$4,270.93	$4,484.13	$4,707.73	$4,943.47	$5,191.33	$5,451.33	$5,723.47
TOTAL FULL-TIME EMPLOYEE COUNT		11														

Classifications:

Type 1: Exempt - Executive Management

Type 2: Exempt - Mid-Management/Supervisor

Type 3: Non-Exempt (Operations)

Type 3: Non-Exempt (Administration)

DRAFT | MARCH 2025

Summary of Proposed Engineering Services and Cost Estimates *Fiscal Year 2025/26*

PREPARED FOR

Chino Basin Watermaster

PREPARED BY

WEST YOST
Water. Engineered.

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Summary of Proposed Engineering Services and Cost Estimates
Fiscal Year 2025/26

EXECUTIVE SUMMARY

This document summarizes West Yost's proposed scope-of-work and cost estimate for Watermaster Engineering Services in fiscal year (FY) 2025/26. For each engineering task in this summary, the following information is provided:

- **Cost Estimate**. This is the estimated cost to complete the task in FY 2025/26, which includes all costs for Watermaster Engineer labor, equipment rentals, laboratory analyses, travel, other subcontractors, etc. Subcontractor costs are passed through with no additional "markup." The cost estimates include costs that will be covered by cost sharing partners (e.g., IEUA) and/or carryover budget from the prior FY. Hence, the cost to the Watermaster Parties in 2025/26 will be less than the costs stated herein for those tasks with cost share and/or carryover funding.
- **Rationale**. This is a description of why the task is being proposed for FY 2025/26, including references to associated regulatory requirements, Court Orders, CEQA requirements, or agreements.
- **Scope**. This is a summary description of the scope of work required to complete the task.
- **Deliverables**. This is a summary of the task deliverables.

There is one new task that is proposed to start in FY 2025/26 which has not been performed in past years. This new task is:

- Prepare a Work Plan to Improve the Chino Basin Groundwater Quality Model - Pending Discussion on Cost Share with IEUA

This summary is accompanied by four tables that describe the cost estimates in more detail and compare the cost estimates to the prior year Watermaster budget:

- **Table 1.** This is a detailed line-item cost estimate for each proposed task. It includes totals for the following:
  - **Total Engineering Cost Estimate**. The total cost to complete the task in 2025/26, including Watermaster Engineer labor, equipment rentals, laboratory analyses, travel, other subcontractors, etc.
  - **IEUA Cost Share**. The amount of Total Engineering Cost Estimate covered by IEUA under cost sharing agreements.
  - **Watermaster Engineering Cost Estimate**. The Total Engineering Cost Estimate minus the IEUA Cost Share.
  - **Expected Watermaster Carryover**. The estimated amount of unspent approved budget for work planned for FY 2024/25 that is now expected to be performed in FY 2025/26.[1]
  - **Proposed Watermaster Budget for Engineering Services 2025/26**. The Watermaster Engineering Cost Estimate minus the Expected Carryover. This is the estimated costs that would be assessed to the Watermaster parties for 2025/26.

[1] The expected Watermaster carryover does not include the portion of carryover that IEUA would be responsible for in a cost-share; for cost-share projects that assume carryover, IEUA's portion of carryover is included in the "IEUA Cost Share" column.

- **Table 2.** This table compares the Watermaster Engineering Cost Estimates for FY 2025/26 versus 2024/25.
- **Table 3**. This table explains the variances between the Watermaster Engineering Cost Estimates for FY 2025/26 versus 2024/25 for the tasks with variances greater than $15,000.
- **Table 4.** This table breaks down the Total Engineering Cost Estimate into the various expense categories of labor and other direct costs.

The total proposed cost estimate for engineering services in FY 2025/26 is about $3,157,650. Cost sharing contributions by IEUA (~$157,248) reduces the estimated costs for Watermaster engineering services to about $3,000,403, which is about $669,580 less than the Watermaster engineering costs for FY 2024/25. Currently, it is estimated that about $96,000 of the Watermaster engineering costs will be funded via carryover funds from the FY 2024/25 budget.

8306, 8506, 8406, 6206, 6306 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Pool, Advisory, Watermaster Meetings

	Cost Estimate
Consultant Labor	$110,808
Other Direct Costs	$2,313
Total	**$113,121**

Rationale

The Watermaster General Manager and/or the Watermaster Board may direct West Yost to prepare for and attend the following meetings:

- Watermaster Pool meetings (Appropriative, Agricultural, and Overlying Non-Agricultural)
- Watermaster Advisory Committee meetings
- Watermaster Board meetings

Watermaster meetings are assumed to occur in all months except December.

Scope of Work

For each meeting, West Yost will prepare engineering updates with supporting maps, charts, tables, handouts, and PowerPoint presentations, as appropriate. West Yost shall also participate in conference calls with Watermaster's General Manager and staff to prepare for the meetings and may be asked by Watermaster staff to help prepare staff reports for business items.

Deliverables

West Yost will deliver the following to Watermaster:

- Maps, charts, tables, handouts, and PowerPoint presentations prepared by West Yost for the meetings.
- Other as-requested deliverables.

6901.8, 5901.8 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Other General Meetings as Requested

	Cost Estimate
Consultant Labor	$75,968
Other Direct Costs	$1,850
Total	**$77,818**

Rationale

The Watermaster General Manager and/or the Watermaster Board may direct West Yost to prepare for and attend the following meetings:

- Other general meetings as requested by Watermaster's General Manager or Board.
- Coordination conference calls with Watermaster's General Manager and staff.

Work on this task will be performed only upon request by Watermaster's General Manager or the Board.

Scope of Work

For each meeting, West Yost will prepare supporting maps, charts, tables, handouts, and PowerPoint presentations, as appropriate, and may participate in conference calls to coordinate with Watermaster staff prior to or following the meetings.

Deliverables

West Yost will deliver the following to Watermaster:

- Maps, charts, tables, handouts, and PowerPoint presentations prepared by West Yost for the meetings.
- Other as-requested deliverables.

5935 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Material Physical Injury Requests, Others

	Cost Estimate
Consultant Labor	$41,668
Other Direct Costs	$0
Total	**$41,668**

Rationale

At the direction of the Watermaster General Manager, West Yost will conduct a material physical injury analysis for each transfer application, storage application, and recharge application, or as otherwise directed by Watermaster and pursuant to the Peace Agreement and the Rules and Regulations. Specifically, Article 10 of the Watermaster Rules and Regulations (paragraph 10.10) requires that:

> *"[…] Watermaster prepare a written summary and analysis (which will include an analysis of the potential for material physical injury) of the Application and provide the Parties with a copy of the written summary and advanced notice of the date of Watermaster's scheduled consideration and possible action on any pending Applications."*

Per the Peace Agreement (page 8), material physical injury is defined as:

> *"[…] material injury that is attributable to Recharge, Transfer, storage and recovery, management, movement or Production of water or implementation of the OBMP, including, but not limited to, degradation of water quality, liquefaction, land subsidence, increases in pump lift and adverse impacts associated with rising groundwater."*

Scope of Work

This task provides engineering services to assist Watermaster staff in the evaluation of transfer, storage, and recharge applications. Occasionally, Watermaster staff requires engineering services in the evaluation of such transfers. Material physical injury analyses anticipated for FY 2024/25 will cover water transfers among the parties, recharge applications, and storage application, as directed by Watermaster.

Deliverables

The deliverables for this work will be defined by specific Watermaster direction for projects requiring MPI analyses.

5906.71 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Miscellaneous General Manager and Data Requests – from Watermaster Staff

	Cost Estimate
Consultant Labor	$108,824
Other Direct Costs	$300
Total	**$109,124**

Rationale

The Watermaster General Manager and/or Watermaster staff may direct West Yost to perform specific technical analyses and/or respond to miscellaneous data requests related to Chino Basin optimum management. The recommended budget estimate is based on prior years' experience.

Scope of Work

West Yost shall perform the following tasks:

- Perform ad hoc analyses and review of documents requested by the Watermaster General Manager and/or Watermaster staff.
- Fulfill requests from the Watermaster General Manager and/or Watermaster staff, including the preparation of PowerPoint presentations, maps, charts, and technical reports.
- Fulfill requests for hydrologic data, model files, model analyses, PowerPoint presentations, maps, charts, technical reports, etc., as requested by Watermaster staff.

Deliverables

West Yost shall deliver to Watermaster data-request deliverables as well as PowerPoint presentations, maps, charts, and technical reports, as requested.

5906.72 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Miscellaneous Data Requests – from Non-Watermaster Staff, Watermaster Parties, and Non-Watermaster Entities

	Cost Estimate
Consultant Labor	$56,486
Other Direct Costs	$0
Total	**$56,483**

Rationale

The Watermaster General Manager and/or Watermaster staff may direct West Yost to perform specific technical analyses and/or respond to miscellaneous data requests from Watermaster parties, non-Watermaster staff, and non-Watermaster entities. The recommended budget estimate is based on prior years' experience.

Scope of Work

West Yost shall perform the following tasks:

- Perform ad hoc analyses requested by Watermaster parties, non-Watermaster staff, and non-Watermaster entities, as directed by the Watermaster General Manager and/or Watermaster staff.
- Fulfill requests for hydrologic data, model files, model analyses, PowerPoint presentations, maps, charts, technical reports, etc. requested by Watermaster parties, non-Watermaster staff, or non-Watermaster entities, as directed by Watermaster staff.

Deliverables

West Yost shall deliver to Watermaster the data-request deliverables as well as PowerPoint presentations, maps, charts, and technical reports, as requested by the Watermaster General Manager and/or Watermaster staff.

6901.95 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Annual Streamflow Monitoring Report for Water Rights Permit 21225

	Cost Estimate
Consultant Labor	$23,596
Other Direct Costs	$0
Total	**$23,596**

Rationale

This work is required in Watermaster's permit issued by the State Water Resources Control Board (Permit No. 21225).

Scope of Work

This task includes engineering services to prepare a specialized hydrologic assessment of the relative impacts of the diversions of storm water for recharge by Watermaster pursuant to Watermaster's Permit 21225 issued by the State Water Resources Control Board. A report summarizing the analysis is due each year by October 1st. This work involves estimating the discharge to the Santa Ana River from its tributaries that flow across the Chino Basin and where storm water is diverted for recharge. The discharge from these tributaries to the Santa Ana River is estimated with and without the Watermaster diversions for recharge, and the relative changes in discharge are computed. The latest version of the Chino Basin surface water model that was developed for the 2025 Safe Yield Reevaluation will be used for this effort.

Deliverables

West Yost shall deliver the following to Watermaster:

- A letter report entitled, Annual Streamflow Monitoring Report for Water Rights Permit 21225, Fiscal 2023/24, which Watermaster and its attorney will review and forward to the State Water Resources Control Board by October 1, 2023.
- The draft report will be delivered to Watermaster and its Attorney for review and comment by September 15, 2023.
- The final report will be delivered to Watermaster and its Attorney by September 27, 2023.

6901.95 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

SGMA Reporting Requirement for April 1, 2025 WC Section 10720.8 (f).

	Cost Estimate
Consultant Labor	$24,068
Other Direct Costs	$0
Total	**$24,068**

Rationale

The Sustainable Groundwater Management Act (SGMA) has a requirement that the Watermaster or a local agency of an adjudicated basin identified in WC Section 10720.8(a) submit specific data, information, and reports for the previous water year annually to the California Department of Water Resources (DWR) by April 1 of each year. Pursuant to SGMA WC Section 10720.8(f), Watermaster is required to submit:

(A) Groundwater elevation data unless otherwise submitted pursuant to WC Section 10932
(B) Annual aggregated data identifying groundwater extraction
(C) Surface water supply used for or available for use for groundwater recharge or in-lieu use
(D) Total water use
(E) Change in groundwater storage
(F) The annual report submitted to the court

Scope of Work

The reporting period is water year 2024/25. Item (A) has already been submitted for the California Statewide Groundwater Elevation Monitoring (CASGEM) Program, so no further data will be reported pursuant to the SGMA. Items (B) through (D) and (F) will be compiled from the appropriators, the IEUA, and Watermaster. Item (E) is a result from the Chino Basin groundwater model that will be updated with data through September 30, 2025. The change in storage will be estimated from the resulting water budget table for water year 2024/25.

The DWR has implemented an Adjudicated Basin Annual Reporting System, which is an on-line submission system that consists of specialized reporting templates for entering all the required information and provides the capability to upload supporting documents and reports. A Technical Memorandum will be prepared for Watermaster, explicitly documenting the information for Items (A) through (F) that will be populated into the reporting templates for the April 1 submittal.

Deliverables

West Yost shall deliver the following to Watermaster:

- A draft memorandum that documents the information submitted to the DWR Adjudicated Basin Annual Reporting System.
- The draft Memorandum will be submitted to Watermaster in February 2026 for Watermaster review and comment.
- The final Memorandum will be submitted to Watermaster by March 5, 2026 for review and approval by the Watermaster Pools, Advisory Committee, and Board.
- The required information and documents will be submitted to the DWR using the Adjudicated Basin Annual Reporting System by April 1, 2026.

6906 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Project Management

	Cost Estimate
Consultant Labor	$65,810
Other Direct Costs	$0
Total	**$65,810**

Rationale

This task is for routine project management and the preparation of quarterly estimated-cost-at-completion reports.

Scope of Work

West Yost shall perform routine project management services, including:

- Set up and update the Integrated Schedule Budget Management (ISBM) system.
- Prepare, execute, and set up accounting for supplemental notice to proceeds and budget authorizations
- Analyze staffing requirements and make assignments for various tasks.
- Review the schedules of deliverables.
- Prepare monthly budget summary tables.
- Prepare the Estimated Cost at Completion (ECAC) and Earned Value (EV) estimates.
- Prepare quarterly progress reports on progress, schedule, and ECAC for Watermaster staff
- Attend joint Watermaster/West Yost senior staff meetings.
- Attend Watermaster budget workshops.

Deliverables

West Yost shall deliver the following to Watermaster:

- Quarterly summary of costs to date, ECACs, and estimates of progress on a task-by-task basis.
- Monthly budget summary tables.

6906.1 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Watermaster Model Update and Required Demonstrations

	Task 1[2]	Task 2	Total
Consultant Labor	$60,000	$8,176	$68,176
Other Direct Costs	$0	$0	$0
Total	**$60,000**	**$8,176**	**$68,176**

Rationale

Watermaster updated its groundwater models in 2007, 2013, 2020, and 2024. Watermaster applies its groundwater model to estimate net recharge and Safe Yield, to assess the state of hydraulic control, to assist with SGMA compliance, to conduct material physical injury assessments, to assist in the development of a storage framework and Storage Management Plan, and to support the development of TDS and nitrate concentration changes in the basin.

Activities historically performed in this task have included: the assessment of the adequacy of supplemental water recharge capacity pursuant to Section 7.3 of the Peace II Agreement; the evaluation of the balance of recharge and discharge; and the evaluation of the cumulative effects of transfers. Each year since 2012, a technical assessment of the adequacy of supplemental water recharge capacity was completed and reported to the Watermaster pursuant to Section 7.3 of the Peace II Agreement. The evaluation of the balance of recharge and discharge and the cumulative effects of transfers will be required in early FY 2025/26.

The work anticipated for this line item in FY 2025/26 includes the evaluation of the balance of recharge and discharge and the cumulative effect of transfers and the preparation of annual finding of compliance with Section 7.3 of the Peace II Agreement.

Scope of Work

The consultant shall perform the following tasks:

- **Task 1 – Evaluate the Balance of Recharge and Discharge and the Cumulative Effects of Transfers**
  - Task 1.1—Collect, Compile, and Review Data to Update Historical Hydrology and Prepare Annual Estimate of Balance of Recharge and Discharge. The evaluation of the balance of recharge and discharge is a retrospective analysis of the water budgets in each of the five OBMP management zones (MZs) from the period of July 1, 2020 through June 30, 2024. The consultant will collect and/or compile the necessary data to replace the projection data in the 2025 Chino Valley Model (CVM) for this period,[3] including hydrologic data, pumping data, and recharge data.

[2] Task 1 will be funded entirely from carryover funds that were originally budgeted to complete Task 1 in FY 2024/25.

[3] The 2025 CVM includes multiple calibrated realizations that represent plausible sets of parameters that characterize the Basin. Only one calibrated realization will be chosen to use for this study. The 2025 CVM is expected to contain historical hydrologic data through Water Year 2023.

- Task 1.2—Compile the Historical Transfers in the Chino Basin and Determine the Annual Avoided Wet-Water Replenishment. The consultant will use the Watermaster Assessment Packages to calculate the avoided wet-water replenishment by Party by year.
- Task 1.3—Evaluate Basin Response to the Water Replenishment That Would Have Occurred in the Absence of Transfers. In this task, the consultant will create a new scenario that will be identical to the calibration run of the 2025 CVM, with imported water recharge increased to the volume that would have occurred in the absence of transfers for the period of July 1, 2000 through June 30, 2024. This scenario will be simulated and compared to the 2025 CVM calibration run (extended through June 30, 2024 in Task 1.1) and to determine the cumulative effect of transfers on the basin.
- Task 1.4—Prepare Report. In this task, the consultant will document the work in Tasks 1.1 through 1.3.

- **Task 2 Prepare Finding of Substantial Compliance.** The work required for this task includes review and update of planning information, testing the adequacy of existing wet-water recharge capacity to meet future wet-water replenishment obligations, and preparation of a technical memorandum to document substantial compliance as required by Section 7.3 of the Peace II Agreement.

Deliverables

For Task 1, West Yost will prepare a report for Watermaster documenting the evaluation of the balance of recharge and discharge and the cumulative effects of transfers.

For Task 2, West Yost will deliver a technical memorandum to Watermaster documenting the annual finding of substantial compliance.

6901.95 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Compliance with SWRCB Regulations Regarding Measurement and Reporting Diversion of Surface Water (Title 23 Chapters 2.7 and 2.8)

	Cost Estimate
Consultant Labor	$19,168
Other Direct Costs	$0
Total	**$19,168**

Rationale

Watermaster holds three diversion permits, issued by the SWRCB, that provide authorization to Watermaster to divert and recharge storm and dry-weather discharge. Presently, the amount of water diverted is estimated by the IEUA and reported to the Watermaster. Watermaster subsequently reports the amount of water recharged to the SWRCB pursuant to its permits and SWRCB regulations in Title 23, Chapter 2.7.

SB88 was signed into law by Governor Brown on June 24, 2015. Sections 15 through 18 of that law add new measurement and reporting requirements for a substantial number of diverters, including the Chino Basin Watermaster. Pursuant to the regulations, Watermaster must annually report the following in addition to prior reporting requirements:

- Information on the device or method used to calculate the amount of water diverted.
- Water diversion measurement, either direct diversion or diversion to storage, including the type of device(s) used, additional technology used, who installed the device(s), and any alternative method(s) used in measuring water diversion.

Pursuant to the regulations, Watermaster is required to provide a description of its measuring scheme, determine if it meets the specific accuracy requirements provided for in the regulations, and if it can't meet the accuracy requirements, to implement an improved diversion measuring scheme.

Scope of Work

West Yost shall perform the following tasks:

- Task 1.1 – Collect WY 2023 stormwater data from IEUA, including transducer information and stage measurements.
- Task 1.2 – Provide as-needed assistance to Watermaster staff to update the "Water Diversion Measurement" section of progress reports for Watermaster's water rights permits. For one of the permitted points of diversion, modeling is needed to estimate diversions. The latest version of the Chino Basin surface water model that was developed for the 2020 Safe Yield Recalculation will be used for this effort.

Deliverables

West Yost shall deliver the following to Watermaster:

- Estimates of stormwater recharge, including maximum daily diversions by month by permit.
- The "Water Diversion Measurement" section of Watermaster's annual progress reports to the SWRCB.
- Electronic data files required by SWRCB at time of filing.

5945 – OBMP/JUDGMENT ADMIN GENERAL ENGINEERING

Assist Watermaster in Preparing the 48th Annual Report

	Cost Estimate
Consultant Labor	$17,762
Other Direct Costs	$0
Total	**$17,762**

Rationale

This work is required by the Chino Basin Judgment and the Sustainable Groundwater Management Act.

Scope of Work

This task includes support services to assist Watermaster staff in the preparation of the Watermaster's 48th Annual Report documenting Watermaster's activities and water accounting for FY 2024/25. West Yost will work closely with Watermaster staff and their contractor Martin Rauch to provide as-requested support to collect data and prepare content for the Annual Report.

Deliverables

West Yost's deliverables and associated schedule will be defined by Watermaster upon project kick-off in July 2025.

7502, 7505 – PE1: COMPREHENSIVE MONITORING PROGRAM

Groundwater and Surface Water Quality Monitoring Program

	Cost Estimate
Consultant Labor	$234,022
Other Direct Costs	$49,530
Total	**$283,552**

Rationale

The OBMP, Peace Agreements, and Implementation Plan all call for a key-well monitoring program for groundwater quality as part of Program Element 1.[4] The data generated in Program Element 1 are used for the Biennial State of the Basin Report, the Groundwater Model update and calibration, material physical injury assessments, the evaluation of non-point source groundwater contamination and plumes associated with point-source discharge, the evaluation of emerging contaminants in groundwater[5], Hydraulic Control demonstrations, the Triennial Ambient Water Quality Recomputation[6], and evaluation of groundwater/surface water interaction near riparian habitat in the Prado Basin. The groundwater-quality and surface water monitoring programs, as currently implemented, meets the minimum requirements for all the above uses.

The Hydraulic Control Monitoring Program (HCMP)[7] and the Prado Basin Habitat Sustainability Program (PBHSP)[8] are regulatory monitoring programs with groundwater and surface water monitoring components. Data collected for the HCMP and PBHSP are also used for all other basin-wide uses.[9]

[4] OBMP Program Element 1—*Develop and Implement Comprehensive Monitoring Program.*

[5] The Water Quality Management Program (WQMP) that is part of Program Element 6 conducted through the Water Quality Committee (WQC) includes the development and implementation of an Emerging Contaminants Monitoring Plan (EMCP) to collect data to characterize contaminant occurrence in the Chino Basin where data is not available and inform implications of potential water quality regulations on Chino Basin groundwater operations and management. The draft ECMP was developed in February 2024. For efficiency the Watermaster portion of the ECMP sampling will be done during the routine Watermaster monitoring for FY 2024/25 at various monitoring wells and private wells.

[6] The Hydraulic Control demonstrations and the Triennial Ambient Water Quality Recomputation are salt-management requirements of the Basin Plan: http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf

[7] The HCMP surface water and groundwater monitoring programs are maximum-benefit requirements are salt-management requirements of the Basin Plan: http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf and are more specifically described in 2014 HCMP Work Plan.

[8] Pursuant to Mitigation Measure 4.4-3 in the Peace II CEQA SEIR, the PBHSP adaptive monitoring program includes groundwater and surface water monitoring components to ensure that Peace II Agreement activities to not adversely impact Prado Basin riparian habitat. The PBHSP is an adaptive monitoring program that is implemented under the guidance of the Prado Basin Habitat Sustainability Committee (PBHSC) with an annual process of evaluating results and interpretations of the monitoring data and adjusting the monitoring as needed. In FY 2024/25 the proposed PBHSP groundwater and surface water monitoring includes utilization of 15-minute temperature and specific conductance (EC) data measured in the transducers at the PBHSP monitoring wells, and the collection of field water quality parameters quarterly at four surface water sites along Mill and Chino Creeks. For efficiency, the work to download, process, and upload the 15-minute temperature and EC data at the wells is included with the PBHSP transducers in the Groundwater Level Monitoring Program 7104.3.

[9] Watermaster's groundwater quality monitoring program includes annual sampling at the 21 HCMP monitoring wells and triennial monitoring at the 17 PBHSP wells as part of the basin-wide monitoring program to be used for Watermaster's various purposes and characterization of water quality.

Scope of Work

West Yost shall perform the following tasks:

- Assist Watermaster staff in conducting annual sampling at approximately 28 private wells and 11 monitoring wells between July and October 2025. Samples are sent to Clinical Laboratories for analysis. Sub-tasks include:
  - Annual re-evaluation of wells to sample for the key-well monitoring program.
  - Perform field work to sample a portion of the wells on an as-needed basis.[10]
  - Process, perform quality assurance/quality control (QA/QC), review all field and laboratory data, and upload to HydroDaVE.
- Obtain groundwater-quality and surface water-quality data routinely for about 1,100 wells and 50 surface water sites and from all appropriators and cooperators in and immediately adjacent to the Chino Basin. This includes collecting data from about 30 open investigation clean-up sites in the Chino Basin with data available on the GeoTracker[11] and EnviroStor[12] websites and checking for any new sites on GeoTracker and EnviroStor with confirmed or potential impacts to groundwater quality. All data collected are checked for reasonableness and compiled into HydroDaVE's centralized database. Subtasks include:
  - Place phone calls, send emails, and attend meetings with the water quality staff of appropriators and other cooperating parties.
  - Collect, process, review, and upload hardcopy, spreadsheet, database, and laboratory electronic data deliverables to HydroDaVE.
- Obtain groundwater and surface water quality data for the HCMP. West Yost shall perform the following tasks:
  - Collect and analyze annual groundwater-quality samples from the 21 HCMP monitoring wells, and quarterly groundwater-quality samples from the two USGS National Water-Quality Assessment Program (NAWQA), and two Santa Ana River Water Company (SARWC) wells. Samples are sent to Clinical Laboratories for analysis. Subtasks include:
    - Schedule field work and coordinate with analytical laboratory.
    - Perform field work. Field work follows the SOPs defined in the 2014 HCMP Work Plan.
    - Process, QA/QC, and upload field and laboratory data to HydroDaVE.

[10] An as-needed field budget is provided in the event that Watermaster staff needs assistance in completing the water quality sampling program during the target monitoring period of July 2025 through October 2025. The field work will be performed on an as-needed basis, as directed by Watermaster staff.

[11] http://geotracker.waterboards.ca.gov/

[9] http://www.envirostor.dtsc.ca.gov/public/

  - Collect and analyze quarterly surface-water quality grab samples at two specified surface-water stations on the Santa Ana River. Samples are sent to Clinical Laboratories for analysis. Subtasks include:
    - Schedule field work and coordinate with analytical laboratory.
    - Perform field work. Field work follows the SOPs defined in the 2014 HCMP Work Plan.
    - Process, QA/QC, and upload field and laboratory data to HydroDaVE.
- Collect, compile, review, and upload the following surface water data to HydroDaVE twice per year:
  - Daily discharge data from POTW discharge locations upstream of Prado Dam.
  - Surface water discharge at six USGS gaging stations along the Santa Ana River and tributaries upstream of Prado Dam.
- Collect, review, and upload quarterly surface water quality field parameters for four surface water sites on Chino Creek and Mill Creek for the PBHSP:
  - Perform field work.
  - Process, QA/QC, and upload field data to HydroDaVE.

Deliverables

West Yost shall deliver the following to Watermaster no later than the date or dates indicated:

- All groundwater-quality data from the key well sampling program will be uploaded to HydroDaVE by December 31, 2025.
- All available groundwater-quality data collected from Chino Basin appropriators and cooperators for the January 1, 2025 to June 30, 2025 period will be uploaded to HydroDaVE by October 31, 2025.
- All available groundwater-quality data collected from Chino Basin appropriators and cooperators for the July 1, 2025 to December 31, 2025 period will be uploaded to HydroDaVE by April 30, 2026.
- All annual groundwater-quality data collected at the 21 HCMP monitoring wells, during August 2025 will be uploaded to HydroDaVE by September 30, 2025.
- All quarterly groundwater-quality data collected at the two NAWQA and two SARWC wells during July 2025, October 2025, January 2026, and April 2026, will be uploaded to HydroDaVE by August 31, 2025, November 30, 2025, February 28, 2026, and May 31, 2026, respectively.
- All quarterly surface water-quality data collected at the two Santa Ana River sites and surface water quality field parameters collected at four Chino Creek and Mill Creek sites during July 2025, October 2025, January 2026, and April 2026, will be uploaded to HydroDaVE by August 31, 2025, November 30, 2025, February 28, 2026, and May 31, 2026, respectively.
- All POTW surface water quality and discharge data for POTWs, and discharge data for the USGS gaging stations for January 2025 through September 2025 will be uploaded to HydroDaVE by November 30, 2025, and for October 2025 through December 2025 will be uploaded to HydroDaVE by February 28, 2026.

7104.3, 7104.8, 7104.9 – PE1: COMPREHENSIVE MONITORING PROGRAM

Groundwater-Level Monitoring Program

	Cost Estimate
Consultant Labor	$282,862
Other Direct Costs	$49,060
Total	**$331,922**

Rationale

The OBMP, the Peace Agreements, and the Implementation Plan all call for a key well monitoring program for groundwater levels as part of Program Element 1. The data generated in Program Element 1 are used for the Biennial State of the Basin Report, Hydraulic Control demonstrations, land-subsidence monitoring, Groundwater Model development and recalibration, material physical injury assessments, the periodic assessment of Safe Yield, the estimation of storage change, evaluating the impacts of desalter production on nearby private wells, the California Statewide Groundwater Elevation Monitoring (CASGEM) Program,[13] the Triennial Ambient Water Quality Recomputation, and the monitoring of water levels near riparian habitat in Prado Basin to evaluate potential impacts from Peace II Agreement activities.[14] Hydraulic Control demonstrations and the Triennial Ambient Water Quality Recomputation are required by the Basin Plan.[15] The groundwater-level monitoring program, as currently implemented, meets the minimum requirements for all the above uses.

Scope of Work

West Yost shall perform the following tasks:

- Collect and compile groundwater-level measurements from about 1,200 wells. Of the 1,200 wells, about 140 wells are equipped with transducers that measure water levels every 15-minutes that are visited and downloaded quarterly by West Yost and Watermaster field staff. At about 50 wells groundwater-level measurements are measured by Watermaster staff monthly. At about 1,000 wells in and immediately adjacent to the Chino Basin, groundwater-level measurements are measured by appropriators and cooperators, and the data are collected by West Yost or are provided to West Yost from the Watermaster. All data are checked for reasonableness regarding historical data at the well, converted from depth-to-water to groundwater-level elevation, and compiled into the centralized HydroDaVE database. Sub-tasks include:
- Schedule field work for West Yost field staff.

[13] The California Department of Water Resources (DWR) developed the CASGEM Program in accordance with California State Senate Bill SB 6, which was passed in November 2009. CASGEM is a comprehensive groundwater-elevation monitoring program that utilizes locally implemented monitoring programs to track seasonal and long-term groundwater elevations in the state's alluvial groundwater basins and subbasins, as defined in DWR Bulletin 118. Pursuant to California Water Code Section 10927, Watermaster submitted an application to the DWR in the fall of 2010 to become the monitoring entity for the Chino and Cucamonga Groundwater Subbasins.

[14] Pursuant to Mitigation Measure 4.4-3 in the Peace II CEQA SEIR, monitoring described in the Adaptive Management Plan for the PBHSP is implemented to ensure that Peace II Agreement activities to not adversely impact Prado Basin riparian habitat.

[15] The Hydraulic Control demonstrations and the Triennial Ambient Water Quality Recomputation are salt-management requirements of the Basin Plan: http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf

- Perform field work to download and maintain approximately 100 transducers for various monitoring wells in Watermaster's monitoring network. (Field work follows the Standard Operating Procedures [SOPs] defined in the 2014 HCMP Work Plan.)
- Purchase and install replacement transducers and direct-read cables as needed for all wells in the transducer monitoring programs.
- Perform field work on an as-needed basis[16] to download transducer data from 30 wells routinely downloaded by Watermaster staff.
- Review and upload manual groundwater-level measurements collected by Watermaster staff monthly to HydroDaVE.
- Process, review, and upload transducer data downloaded quarterly by West Yost staff into HydroDaVE.
- Process, review, and upload cooperator groundwater-level measurements collected by West Yost to HydroDaVE.
- Review and upload transducer data downloaded quarterly by Watermaster staff, and Appropriative pool water-level measurements collected by Watermaster staff to HydroDaVE.
- Annual re-evaluation of the key well program due to abandoned and destroyed wells.
- Submittal of groundwater-level data collected at 46 wells to the Chino and Cucamonga CASGEM program[17] on a biennial basis (fall and spring).
- Help coordinate and contract subcontractors for as-needed well maintenance and rehabilitation services for wells in the monitoring network.

Deliverables

West Yost shall deliver the following to Watermaster no later than the date or dates indicated:

- All available groundwater-level data collected manually in the field or downloaded from transducers for the period of July 1, 2025 through September 31, 2025 will be uploaded to HydroDaVE by October 15, 2025.
- All available groundwater-level data collected manually in the field or downloaded from transducers for the period of October 1, 2025 through December 31, 2025 will be uploaded to HydroDaVE by January 15, 2026.
- All available groundwater-level data collected manually in the field or downloaded from transducers for the period of January 1, 2026 through March 31, 2026 will be uploaded into HydroDaVE by April 7, 2026.

[16] An as-needed budget is provided in the event that Watermaster staff needs assistance in completing the transducer downloads during the target monitoring period for each quarterly download event. The quarterly download of all wells should be completed during the first month at the beginning of each FY quarter—July 2024; October, 2024; January 2025; and April, 2025. Field work will be performed on an as-needed basis, as directed by Watermaster staff.

[17] Watermaster is the designated Monitoring Entity for the Chino and Cucamonga Basins CASGEM program. CASGEM is a mandated statewide monitoring and reporting program for the entire State of California, per the amended California State Water Code SBx7-6 in November 2009.

- All available groundwater-level data collected manually in the field or downloaded from transducers for the period of April 1, 2026 through June 10, 2026 will be uploaded to HydroDaVE by June 30, 2026.
- All available groundwater-level data collected from appropriators in the Chino Basin for the April 1, 2025 through June 30, 2025 period will be uploaded to HydroDaVE by September 15, 2025.
- All available groundwater-level data collected from appropriators in the Chino Basin for the July 1, 2025 through September 30, 2025 period will be uploaded to HydroDaVE by December 15, 2025.
- All available groundwater-level data collected from appropriators in the Chino Basin for the October 1, 2025 through December 31, 2025 period will be uploaded to HydroDaVE by March 15, 2026.
- All available groundwater-level data collected from appropriators in the Chino Basin for the January 1, 2026 through March 31, 2026 period will be uploaded to HydroDaVE by May 31, 2026.
- The fall 2025 CASGEM data submittals will be provided to the DWR by December 31, 2025. The spring 2026 CASGEM data submittals will be provided to the DWR by June 30, 2026.
- Complete coordination of subcontractors as required to perform as-needed well maintenance and rehabilitation services for wells in the monitoring network.
- Purchase and installation of new replacement transducers and direct-read cables as needed throughout the year for all wells in the transducer monitoring programs.

7402, 7403, 7406, 7408 – PE1: COMPREHENSIVE MONITORING PROGRAM

MZ-1 Ground-Level Monitoring Program

	Cost Estimate
Consultant Labor	$170,923
Other Direct Costs	$174,408
Total	**$345,331**

Rationale

Program Element 4 of the OBMP states that land subsidence and ground fissuring in MZ-1 are not acceptable and, to the extent that the cause is pumping in MZ-1, should be managed to tolerable levels. Watermaster conducts a ground-level monitoring program to support Program Element 4 per the requirements of the Peace Agreement, the subsequently developed and Court-approved Chino Basin Subsidence Management Plan, and the monitoring and mitigation requirements of the Peace II California Environmental Quality Act (CEQA) Supplemental Environmental Impact Report (SEIR).

Scope of Work

West Yost shall perform the following tasks:

- Maintain and replace (if necessary) the existing monitoring equipment at extensometer and well facilities in the MZ-1 Managed Area and the Areas of Subsidence Concern.
- Download, check, and store monitoring data from extensometers, wells, and recharge activities in the MZ-1 Managed Area and the Areas of Subsidence Concern.
- Conduct ground-level surveys across:
  - Northwest MZ-1 Area. A vertical survey is recommended in FY 2025/26 because of the ongoing subsidence that is occurring in Northwest MZ-1 and it will support the development of a subsidence management plan in Northwest MZ-1.
  - Northeast Area. A vertical survey is recommended in FY 2025/26 because of the ongoing subsidence that is occurring in the Northeast Area and because this area has not been surveyed in over five years.
- Conduct InSAR monitoring of ground motion across western Chino Basin from March 2025 to March 2026 using information collected by the TerraSAR-X satellite.
- Conduct InSAR monitoring of ground motion across all of Chino Basin from March 2015 to March 2026 using information collected by the DWR to: (i) understand the spatial distribution and rates of subsidence that may be occurring across the eastern portion of the Chino Basin where TerraSAR-X data is not currently analyzed and (ii) compare against TerraSAR-X data across the western portion of the Basin.

Deliverables

West Yost shall deliver the following to Watermaster no later than the date or dates indicated:

- All ground-level monitoring data, available as of May 1, 2026, will be uploaded into Watermaster's database by June 30, 2026.

7302, 7306 – PE1: COMPREHENSIVE MONITORING PROGRAM

Prado Basin Habitat Monitoring, Data Analysis and Reporting – 50% IEUA Cost Share

	Cost Estimate[18]
Consultant Labor	$155,093
Other Direct Costs	$63,490
Total	**$218,583**

Rationale

Mitigation Measure 4.4-3 of the Peace II CEQA SEIR (Biological Resources/Land Use & Planning) calls for the IEUA, Watermaster, and the Orange County Water District to form the Prado Basin Habitat Sustainability Committee (PBHSC). The purpose of the PBHSC is to ensure that the Peace II Agreement actions will not significantly or adversely impact the Prado Basin riparian habitat. The responsibilities of the PBHSC are to develop and implement an adaptive monitoring program for the Prado Basin Habitat Sustainability Program (PBHSP) and to prepare annual reports that include recommendations for ongoing monitoring and any adaptive management actions required to mitigate any measured or prospective loss of riparian habitat that is attributable to the Peace II Agreement.

Scope of Work

The PBHSP is implemented as described in the Adaptive Management Plan and the recommendations in the 2024 Annual Report. The PBHSP includes the implementation of a monitoring program and the preparation of an annual report. The monitoring program includes monitoring of riparian habitat and all factors that can affect the riparian habitat such as changes in groundwater levels, surface water discharge, climate, and other factors.[19] This work includes the following:

- Collect, compile, and review the following riparian habitat data:
  - High-resolution air photo of the Prado Basin region in July 2025.
  - Landsat remote sensing data in the Prado Basin region over the 2025 water year.
  - Perform field vegetation surveys in the summer of 2025
- Collect, compile, review, and upload the 2025 climatic data to HydroDaVE.
- Analyze data and prepare a draft and final 2025 Annual Report of the PBHSC.
- Prepare a Recommended Scope and Budget of the PBHSP for FY 2026/27.
- Prepare for and participate in PBHSC meetings.

[18] IEUA will cost share 50 percent of this task.

[19] The groundwater and surface water monitoring components of the PBHSP are included with Tasks 7103.3 and 7104.3 because the data collected are also used for basin-wide monitoring efforts such as for the Biennial State of the Basin report, groundwater modeling, demonstration of Hydraulic Control, and the triennial Ambient Groundwater Quality Recomputation.

Deliverables

West Yost shall deliver the following to Watermaster no later than the date or dates indicated:

- All riparian habitat and climatic data through water year 2025 uploaded to HydroDaVE by November 30, 2025.
- High-resolution air photo of the Prado Basin region completed by July 31, 2025.
- Final report and results of the Prado Basin vegetation surveys performed in the summer of 2025.
- A Recommended Scope and Budget memorandum for the PBHSP for FY 2026/27 by March 15, 2026
- Draft Annual Report of the PBHSC by May 10, 2026.
- Final Annual Report of the PBHSC by June 15, 2026.

7202 – PE1: COMPREHENSIVE MONITORING PROGRAM

Recharge and Well Monitoring Program: Review Documents for Chino Basin Recycled Water GW Recharge Program

	Cost Estimate
Consultant Labor	$23,350
Other Direct Costs	$0
Total	**$23,350**

Rationale

The IEUA and Watermaster are required to submit specific reports as part of the Chino Basin Recycled Water Groundwater Recharge Program (RWGRP). The RWGRP is being implemented by the IEUA and Watermaster as co-permittees. Annual reporting is performed pursuant to the requirements of the following orders:

- California Regional Water Quality Control Board, Santa Ana Region. Order No. R8-2007-0039. Water Recycling Requirements for Inland Empire Utilities Agency and Chino Basin Watermaster. Chino Basin Recycled Water Groundwater Recharge Program: Phase I and Phase II Projects, San Bernardino County, June 29, 2007.
- California Regional Water Quality Control Board, Santa Ana Region. Monitoring and Reporting Program No. R8-2007-0039 for Inland Empire Utilities Agency and Chino Basin Watermaster. Chino Basin Recycled Water Groundwater Recharge Program: Phase I and Phase II Projects, San Bernardino County, June 29, 2007.
- California Regional Water Quality Control Board, Santa Ana Region. Order No. R8-2009-0057 Amending Order No. R8-2007-0039 for Inland Empire Utilities Agency and Chino Basin Watermaster. Chino Basin Recycled Water Groundwater Recharge Program: Phase I and Phase II Projects, San Bernardino County, October 23, 2009.
- California Regional Water Quality Control Board, Santa Ana Region. Revised Monitoring and Reporting Program No. R8-2007-0039 for Inland Empire Utilities Agency and Chino Basin Watermaster. Chino Basin Recycled Water.

Watermaster prepares reports pertaining to the HCMP with IEUA review. IEUA prepares reports pertaining to the RWGRP with Watermaster review.[20]

Scope of Work

West Yost will review quarterly and annual reports prepared by the IEUA for the RWGRP as well as other reports prepared by the IEUA pursuant to the recharge permit. West Yost will also review other reports or as needed analyses prepared by IEUA per the direction of the Regional Board and the California Department of Drinking Water (DDW), such as five-year engineering reports, and additional monitoring orders or required analyses to demonstrate compliance. West Yost will provide comments and recommendations to the IEUA through the Watermaster as the co-permittee.

[20] This is a component of the "Bright-Line Agreement" between Watermaster and the IEUA.

Deliverables

West Yost will provide comments on the aforementioned reports and analyses within ten days of their receipt.

5925 – PE1: COMPREHENSIVE MONITORING PROGRAM

Agricultural Production Estimation

	Cost Estimate
Consultant Labor	$11,992
Other Direct Costs	$20,000
Total	**$31,992**

Rationale

The Court's April 28, 2017 order mandates that all water production by Judgment Parties be metered, reported, and included in Watermaster's Assessment Packages, unless excluded. To comply, West Yost collaborated with Watermaster staff from FY 2021/22 to FY 2022/23 to document Watermaster's process. This included verifying that all active wells are metered or, if not, justifying why and describing alternative pumping estimation methods. The documentation tracks each known pumping well's attributes and estimation methods and is updated annually to reflect new, inactive, and unverified wells.

To enhance estimation accuracy, West Yost engaged Land IQ in FY 2021/22 to conduct crop surveys and develop a water duty method for agricultural water use estimation. In FY 2022/23, West Yost refined and documented updated water duty methods for the Agricultural Pool. By FY 2023/24, Watermaster staff implemented several recommendations, including surveying Agricultural Pool wells for power meters as a potential estimation tool. Additionally, Watermaster hired Well Tec Services to inspect, install, and calibrate meters for Agricultural Pool wells over a two-year period.

Efforts will continue into FY 2025/26, with Watermaster staff implementing a refined water duty method for non-minimal producing wells lacking metered and reported production. Depending on the success of the water duty method and the pace of the meter installations, Watermaster and West Yost will consider updating Land IQ's scope and future contract.

Scope of Work

In FY 2025/26, West Yost will continue to assist Watermaster staff in the development of new information and collection of data from Watermaster parties, Land IQ, and other sources required to estimate Agricultural Pool parties' pumping to implement the water duty method documented in FY 2022/23. This will involve meetings, as-needed consulting, and coordination with Land IQ to implement the water duty estimating procedure, and review of Watermaster staff pumping estimates. West Yost will also provide as-requested support to Watermaster staff to facilitate the installation and calibration of meters. The scope of this task does not include the data collection review meetings that will be conducted as part of Watermaster's work to implement the April 28, 2017 Court Order.

Deliverables

West Yost will provide guidance and support to Watermaster staff on implementing the water duty computing procedure, attend meetings, reviewing Watermaster staff pumping estimates and meter calibration information as they are produced, and prepare either written or oral comments as directed by Watermaster staff. West Yost's deliverables for as-need requests will be determined with each request.

5965 – PE1: COMPREHENSIVE MONITORING PROGRAM

Support for Implementation of Improved Data Collection and Development of Data Visualization

	Cost Estimate
Consultant Labor	$17,302
Other Direct Costs	$0
Total	**$17,302**

Rationale

Watermaster collects and manages multiple datasets from the Watermaster Parties (Parties) and the IEUA to support the management of the Chino Basin pursuant to the 1978 Judgement, the ongoing implementation of the OBMP, and the regulatory requirements of State and local agencies. Additionally, the IEUA requests and collects analogous datasets from some of the Parties located within IEUA's service area. As such, the Parties receive multiple requests for duplicate data and information, and the datasets collected separately by Watermaster and the IEUA can contain discrepancies.

In FY 2019/20, Watermaster requested West Yost to develop a recommendation for an improved data collection and management process to eliminate duplicate data requests, avoid discrepancies between collected datasets, and create a centralized location for Watermaster and IEUA to access the data. The recommended process included a centralized portal and database where data are collected and managed by Watermaster monthly or annually using data templates customized for each Party. IEUA would have access to the portal and database to download and review information on its member agencies. From FY 2020/21 through 2023/24, Watermaster began the development and implementation of the improved process by developing an online Data Portal for data collection and management, developing data templates for Parties to upload monthly data (production, water levels, water supply), working with Jurupa Community Services District to beta test the Data Portal, and coordinating with the California Data Collaborative to advance the Data Portal.

Watermaster plans to launch the Data Portal in FY 2024/26. During this period, West Yost will continue to provide support to Watermaster including as needed requests with the launch of the Data Portal and data management.

Scope of Work

West Yost will provide as needed support to Watermaster staff for the continued development and implementation of the Data Portal and data collection process, including development and review of data-collection templates, provide solutions to potential issues, and assist in describing the new process to the Parties.

Deliverables

The deliverables and associated schedule will be defined by Watermaster staff upon task kick-off.

7202.2 – PE2: COMPREHENSIVE RECHARGE PROGRAM

General Engineering Services

	Cost Estimate[21]
Consultant Labor	$180,896
Other Direct Costs	$600
Total	**$181,496**

Rationale

Watermaster and the IEUA began implementing the 2013 Amendment to the 2010 Recharge Master Plan (RMPU) in FY 2014/15. The services anticipated in FY 2024/25 include technical support (numerical model simulations, hydraulic calculations, project refinement, conceptual integrity review, etc.) to assist Watermaster and the IEUA in the start-up of the 2013 RMPU projects and evaluate non-2013 RMPU projects, monthly meetings with IEUA and Watermaster staff to review the progress of the RMPU projects, and supporting the implementation of the 2023 RMPU. At Watermaster's request, West Yost will attend quarterly GRCC and RIPComm meetings.

Scope of Work

- Attend GRCC, RIPComm and other meetings with Watermaster and IEUA staffs.
- Support the implementation of the 2023 RMPU, including:
  - Perform as-requested technical support for the start-up of the 2013 RMPU projects
  - Collect MS4 project implementation data from the Parties
  - Annually review the time and effort involved in the collection of information on MS4 project implementation and reassess the value this effort provides
- Support the implementation of the 2023 RMPU, including:
  - Develop a plan to collaborate with MS4 permittees to ensure MS4-compliance projects prioritize recharge
  - Refine and implement of the Renewal and Replacement (R&R) Plan including: sharing updated R&R forecasts with Watermsater to obtain feedback and confirm assumptions, meeting with all recharge facilities owners to review assets in 10-year R&R forecast and identify needs for condition assessments, and develop a work plan for conducting condition assessments and other work identified through collaboration with Watermaster.

Deliverables

West Yost will develop an R&R work plan for conducting condition assessments and other work identified through collaboration with Watermaster.

[21] Carryover funds of will partially fund the completion of this task.

7303 – PE3/5: WATER SUPPLY PLAN – DESALTERS

Engineering Services

	Cost Estimate
Consultant Labor	$21,080
Other Direct Costs	$0
Total	**$21,080**

Rationale

The 2004 Basin Plan Amendment approved by the Regional Board and the State Water Resources Control Board established the "maximum benefit" objectives and established certain milestones that must be achieved by Watermaster and the IEUA. To demonstrate compliance with the Regional Board order, Watermaster and the IEUA agreed to achieve Hydraulic Control. The well fields of the Chino Basin Desalter Authority (CDA) are critical to the achievement and maintenance of Hydraulic Control and the demonstration of maximum benefit. The CDA periodically requests from the Watermaster technical assistance, data, information, and attendance at meetings with regulators to support desalter expansion and operations, and the development and implementation of a monitoring and reporting plan for the CDA clean-up project funded by Prop 1 Grant Agreement No. D1712507.

Scope of Work

West Yost shall perform the following tasks at the discretion of the Watermaster General Manager:

- Review and prepare comments on CDA status reports.
- Perform ad hoc analyses requested by the Watermaster General Manager or the CDA.
- Fulfill requests for hydrologic data, model files, model analyses, PowerPoint presentations, maps, charts, technical reports, etc., as requested by the CDA or its consultants.
- Attend meetings and conference calls, as requested by the CDA or its consultants.

Deliverables

West Yost shall deliver the following, at the discretion of the Watermaster General Manager:

- Written comments on the CDA status reports, as requested by the Watermaster general manager.
- PowerPoint presentations, maps, charts, model files, data, technical reports, and recommendations as requested by the CDA.
- Written summaries of meetings.

7402 – PE4: MANAGEMENT ZONE STRATEGIES

MZ-1: Data Analyses, Reports, Meetings, and Administration

	Cost Estimate
Consultant Labor	$142,164
Other Direct Costs	$10,395
Total	**$152,559**

Rationale

Program Element 4 of the OBMP states that land subsidence and ground fissuring in MZ-1 are not acceptable and, to the extent that the cause is pumping, should be managed to tolerable levels. Watermaster conducts a ground-motion monitoring program to support Program Element 4 per the requirements of the Peace Agreement, the subsequently developed Court-approved MZ-1 Subsidence Management Plan (MZ-1 Plan) and its revisions (2015 Chino Basin Subsidence Management Plan), and the monitoring and mitigation requirements of the Peace II CEQA SEIR. The 2015 Chino Basin Subsidence Management Plan calls for the annual evaluation of data derived from the monitoring program and revisions to the Subsidence Management Plan and/or the monitoring program if necessary.

Scope of Work

West Yost shall perform the following tasks:

- Prepare the draft FY 2024/25 Annual Report for the Ground Level Monitoring Program (GLMP).
- Finalize the FY 2024/25 Annual Report for the GLMP based on comments received from the Ground Level Monitoring Committee (GLMC).
- Analyze all data collected during FY 2025/26 under the GLMP to support the preparation of the FY 2025/26 Annual Report for the GLMP. These data include groundwater levels, groundwater production, aquifer recharge, aquifer-system deformation, tectonic deformation, pumping test results, ground-level surveys, horizontal strain, and InSAR.
- Conduct meetings with the GLMC to review the data and analyses and develop a list of potential activities and cost estimates for FY 2026/27.

Deliverables

West Yost will deliver the following to Watermaster no later than the date or dates indicated:

- The FY 2024/25 Annual Report for the GLMP by November 1, 2025, featuring charts and maps of monitoring data, conclusions regarding the protective nature of the Subsidence Management Plan, the Watermaster-approved activities for the next fiscal year (FY 2025/26), and the revised Subsidence Management Plan, if revisions are necessary.
- Recommended scope of services and budget for the GLMP in FY 2026/27 by April 1, 2026 to support the Watermaster's budgeting process.

7402.1 – PE4: MANAGEMENT ZONE STRATEGIES

MZ-1: Develop a Subsidence Management Plan for Northwest MZ-1

	Cost Estimate
Consultant Labor	$191,128
Other Direct Costs	$50,000
Total	**$241,128**

Rationale

The MZ-1 Subsidence Management Plan (MZ-1 Plan) states that if data from existing monitoring efforts in the Areas of Subsidence Concern indicate the potential for adverse impacts due to subsidence, Watermaster will revise the MZ-1 Plan in an attempt to avoid adverse impacts. Land subsidence in Northwest MZ-1 was first identified as a concern in the MZ-1 Summary Report (2006) and in the MZ-1 Plan (2007). Since then, Watermaster has been monitoring subsidence in this area via InSAR, leveling surveys, and groundwater-levels with pressure transducers at selected wells. Of particular concern, subsidence in Northwest MZ-1 has occurred differentially across the San Jose Fault—the same pattern of differential subsidence that occurred in the MZ1 Managed Area during the time of ground fissuring. Watermaster, consistent with input from the Ground Level Monitoring Committee (GLMC), determined that the MZ-1 Plan needs to be updated to include a *Subsidence Management Plan for Northwest MZ-1* with the long-term objective of minimizing or abating the occurrence of the differential land subsidence.

Developing a Subsidence Management Plan for Northwest MZ-1 is a multi-year effort. The GLMC oversees a work plan[22] to execute this effort. The scope of work below describes the next year of the work plan.

Scope of Work

West Yost shall perform the following tasks to implement the work plan to develop a Subsidence Management Plan for Northwest MZ-1:

- **Monitoring**. The established monitoring program of piezometric levels and pumping at wells in Northwest MZ 1 will continue through various techniques, including: (i) SCADA based monitoring by the Monte Vista Water District; (ii) monitoring of piezometric levels via sonar; (iii) monitoring of piezometric levels via pressure transducers at City of Pomona production wells; and (iv) manual measurements of piezometric levels. These data are collected under the Watermaster's groundwater-level monitoring program but are analyzed under this task. Charts and data graphics of pumping, piezometric levels, and aquifer system deformation will be updated every three months, which will improve the understanding of the hydrogeology in Northwest MZ 1, will be used to develop the Subsidence Management Plan for Northwest MZ 1, and in the future, will be used to adapt the Chino Basin Subsidence Management Plan, as appropriate.
- **Refurbish PX and Add Telemetry**. The Watermaster Engineer has previously reported that the PX monitoring facility is not recording accurate extensometer data. The reasons for the inaccuracies could include, but not limited to, incorrect arrangement of the extensometer cables within the well casings; incorrect counterweights on the extensometer cables;

[22] CBWM. 2015. Workplan to Develop a Subsidence Management Plan for the Northwest MZ-1 Area.

malfunctioning linear potentiometers and/or data loggers; and/or other unknown factors. For FY 2025/26, this task includes a recommendation to refurbish the PX and its monitoring equipment and add telemetry to facilitate real-time observation of the collected data. This effort will accelerate potential improvements by allowing the Watermaster Engineer to rapidly assess the effects of any adjustments made to the PX to improve its accuracy. The cost estimate to refurbish the PX and add telemetry is about $138,000.

- **Refine and Evaluate Subsidence-Management Alternatives.** During 2024/25, the Watermaster is conducting the 2025 Safe Yield Reevaluation (2025 SYR), which involves the development and evaluation of multiple projection scenarios of future hydrology, pumping, managed recharge, and use of managed storage in the Chino Basin. These projection scenarios are being simulated with an updated Chino Valley Model (CVM). The CVM results are being used to determine a tentative Safe Yield, which will be evaluated for MPI and then used to evaluate the current Safe Yield of the Chino Basin. The evaluation of MPI associated with land subsidence in Northwest MZ-1 is being performed using the CVM results, which will then be the input data for the 1D Models at PX and MVWD-28 to predict the potential for future subsidence associated with the Safe Yield.

  Based on the outcomes of the 2025 SYR, the Watermaster Engineer may recommend that additional SMAs be developed and evaluated with the CVM and 1D Models to generate the necessary information to:

  1. Finalize "guidance criteria" for the Subsidence Management Plan for Northwest MZ-1.
  2. Evaluate the minimum recharge quantity of supplemental water in MZ-1, as required by the Peace II Agreement.

  To perform this analysis, the Watermaster Engineer will propose up to two (2) additional SMAs for evaluation with the CVM and the 1D Models. A draft TM will be prepared and distributed to the GLMC that describes the assumptions of the SMA(s), including the groundwater production and replenishment/recharge plans of the Chino Basin parties. A GLMC meeting will be held to review the recommended SMA(s) and to receive feedback on the TM. The verbal and written feedback from the GLMC will be used to finalize the SMA(s).

  Then, the CVM and 1D Models will be used to evaluate the potential future subsidence in Northwest MZ-1 under the SMAs. Again, the objective of this task is to recommend a final "guidance criteria" for Northwest MZ-1 and evaluate the minimum recharge quantity of supplemental water in MZ-1, as required by the Peace II Agreement. The model results, interpretations, and recommendations will be documented in a draft TM and distributed to the GLMC. A GLMC meeting will be held to review the draft TM and receive GLMC feedback. The verbal and written feedback from the GLMC will be used to finalize the TM. The final TM and its recommendations will be shared with all Watermaster Parties through the monthly Pool, Advisory Committee, and Board meetings.

Deliverables

West Yost shall deliver the following to Watermaster no later than the date or dates indicated:

- Draft and final technical memoranda on: (i) descriptions of the SMA(s), including the groundwater production and replenishment/recharge plans of the Chino Basin parties and (ii) the CVM and 1D model results, interpretations, and recommendations.

7502 – PE6/7: COOPERATIVE EFFORTS/SALT MANAGEMENT

Consulting services for water quality under PE6/7

	Cost Estimate[23]
Consultant Labor	$208,828
Other Direct Costs	$1,700
Total	**$210,528**

Rationale

In the Judgment, Watermaster is provided with discretionary powers to address water quality issues in the basin: "Watermaster, with the advice of the Advisory and Pool Committees, is granted discretionary powers in order to develop an optimum basin management program for Chino Basin, including both water quantity and quality considerations." In the Implementation Plan of the Peace Agreement, Watermaster committed to certain responsibilities under Program Elements 6 and 7.

Program Element 6 - Develop and Implement Cooperative Programs with the Regional Board and Other Agencies to Improve Basin Management. Pursuant to Program Element 6, Watermaster has committed resources to managing water quality contaminants as follows:

- Identify water-quality anomalies through monitoring and analysis.
- Assisting the Santa Ana Water Board in determining sources of the water quality anomalies.
- Establishing priorities for clean-up jointly with the Regional Board; and seeking funding from outside sources to accelerate detection and cleanup efforts.
- Identifying opportunities to remove organic contaminants through regional groundwater treatment projects in the southern half of the Basin; and collaborating with the Chino Desalter Authority to implement such solutions.
- Conducting investigations to assist the Santa Ana Water Board in accomplishing mutually beneficial objectives.

Much of the work listed above was started by the Chino Basin Water Quality Committee (WQC) from 2003 through 2010. Since 2010, Watermaster has supported ongoing monitoring and analysis to ensure the efforts to manage water quality contamination under PE6 are achieving the intended outcomes and identify any outcomes that may be of concern. This primarily involves analyzing water quality data to assess the movement of identified plumes in the Basin, but also includes as-needed work to support the Regional Board or others in assessing groundwater quality conditions in and around the plumes.

Program Element 7 – Salt Management Program. Pursuant to Program Element 7, the Watermaster and IEUA have been implementing the Chino Basin maximum-benefit salt and nutrient management plan (Maximum Benefit SNMP) since 2004. Implementation of the Maximum Benefit SNMP is a regulatory requirement defined in the Santa Ana River Basin[24] (Basin Plan). The Maximum Benefit SNMP and the associated management commitments (Maximum Benefit Commitments) were developed to enable maximum beneficial use of recycled water in the Chino Basin. Watermaster and IEUA are required to

[23] Includes $10,000 of expected carryover from FY 2024/25.

[24] http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf

implement the Maximum Benefit Commitments in accordance with the scheduled defined in Table 5-8a of the Basin Plan. If the Regional Board determines that the Maximum Benefit Commitments are not being implemented in accordance with Table 5-8a, then maximum benefit is not demonstrated, and the 'antidegradation' TDS and nitrate-nitrogen (nitrate) objectives for the Chino 1, 2, and 3 and Cucamonga groundwater management zones (GMZs) would apply. In this situation, the Regional Board would require that Watermaster and IEUA mitigate the effects of TDS and nitrate discharges to these GMZs that took place in excess of the antidegradation objectives under the maximum benefit objectives retroactively to January 2004. In other words, all salt loading to the Basin that has occurred to the Chino Basin from recycled water use and imported water recharge would have to be offset. The Maximum Benefit Commitments include:

1. The implementation of a surface-water monitoring program.
2. The implementation of a groundwater monitoring program.
3. The expansion of the Chino-I Desalter to a capacity of 10 million gallons per day (mgd) and the construction of the Chino-II Desalter with a design capacity of 10 mgd.
4. The additional expansion of desalter capacity (to 40 mgd) pursuant to the OBMP and the Peace Agreement, the timing for which is tied to the IEUA's agency-wide effluent concentration)[25]
5. The completion of the groundwater recharge facilities included in the 2001 Watermaster Recharge Master Plan.
6. The management of recycled water quality to ensure that the IEUA agency-wide, 12-month running average volume-weighted effluent TDS concentration does not equal or exceed 550 mgl and the TIN concentration does not equal or exceed 8 mgl.
7. The management of basin-wide, volume-weighted TDS and nitrate concentrations in artificial recharge to less than or equal to the maximum-benefit objectives on a five-year volume-weighted basis.
8. The achievement and maintenance of the "hydraulic control" of groundwater outflow from the Chino Basin, specifically from the Chino-North GMZ, in order to protect Santa Ana River water quality and downstream beneficial uses.
9. The determination of ambient TDS and nitrate concentrations of Chino and Cucamonga GMZs every five years.

The majority of the ongoing work to comply with the nine commitments is performed under other program elements, or by IEUA and the CDA.

To demonstrate compliance, Watermaster prepares the Maximum Benefit Annual Report. The report describes the status of compliance with each of the nine maximum benefit commitments defined in the Basin Plan. The annual report is due to the Regional Board by April 15th of each year.

[25] The expansion to provide an additional 20 mgd of desalter pumping capacity was initially required to occur when the 12-month running average for the IEUA agency-wide effluent TDS concentration exceeded 545 mgl for three consecutive months. The expansion has occurred even though this water quality condition has never been triggered and has instead been driven by the implementation of the Peace II Agreement and achieving hydraulic control.

Additionally, as part of the Basin Plan amendment (see below description for task 7510), Watermaster is required to (1) update the monitoring work plan for the Maximum Benefit SNMP, and (2) prepare a work plan to improve the Chino Basin Groundwater Quality Model. The needs to update the monitoring work plan and improve the Chino Basin Groundwater Quality Model were identified during the technical work to support the Basin Plan amendment. The monitoring work plan update is also required by the Regional Board to address updated requirements of the region-wide SNMP in the Basin Plan to address data gaps. Watermaster initiated the effort and will submit the updated monitoring work plan (hereafter, 2025 Maximum Benefit Monitoring Program Work Plan) to the Regional Board in FY 2024/25. For FY 2025/26, the goal is to address inputs from the Regional Board and update the 2025 Maximum Benefit Monitoring Program Work Plan by December 2025, which is the regulatory deadline to address the requirements of the region-wide SNMP.

The objectives of this task are to continue to coordinate with the Regional Water and other agencies with the management of basin groundwater quality, prepare the Maximum Benefit Annual Report, continue to update the monitoring work plan, prepare a work plan to improve the Chino Basin Groundwater Quality Model, and provide other as-needed support on Maximum Benefit SNMP implementation or compliance.

Scope of Work

For FY 2025/26, West Yost shall perform the following tasks:

- Consulting for Program Element 6 to continue efforts to track identified contaminant plumes in the Chino Basin.
  - South Archibald Plume and Chino Airport Plume. Subtasks include:
    - Prepare semi-annual plume status reports for the Watermaster Pools, Advisory Committee, and Board meetings.
    - Assist Watermaster with coordination and negotiation with the plume responsible parties and Regional Board.
    - Provide technical oversight and review of plume investigation and remediation reports.
    - Prepare as-requested technical analyses, such as analyze groundwater-elevation and quality data, develop revised VOC plume maps, and/or perform groundwater model runs to demonstrate the capture of the plume by the desalter well fields.
  - Other point sources of concern. Other point sources of concern include but are not limited to, the General Electric Flatiron Facility, General Electric Test Cell Facility, Rialto-Colton perchlorate plume, the Alumax Recycling Facility, Kaiser Steel Mill, Milliken Landfill, and the Stringfellow site. Subtasks could include:
    - Provide technical oversight and review of investigations and remediation reports.
    - Prepare annual plume status report for the Watermaster Pools, Advisory Committee, and Board meetings.
    - Prepare as-requested technical analyses, such as analyze groundwater-elevation and quality data, review potential impacts to Chino Basin water quality, and/or develop revised plume delineations.
- Support for implementation of Program Element 7
  - Prepare the 2025 Maximum Benefit Annual Report. This includes:

- Analyze and interpret the data and compare with metrics. All data required for reporting in the 2025 Maximum Benefit Annual Report shall be analyzed by West Yost and used to support the demonstration of compliance with the Maximum-Benefit commitments contained in the Basin Plan.
- Reporting. West Yost shall prepare a draft 2025 Maximum Benefit Annual Report. This report will be submitted to Watermaster and the IEUA for review. Comments will be incorporated, and West Yost shall prepare the final 2025 Maximum Benefit Annual Report for submittal to the Regional Board. West Yost will respond to comments from the Regional Board and other stakeholders, as necessary.
- Ad-hoc meetings. Prepare for and attend meetings with Watermaster, IEUA, and/or Regional Board staff, as requested, to present the draft and final 2025 Maximum Benefit Annual Reports.

— Continue to prepare the 2025 Maximum Benefit Monitoring Program Work Plan, which includes:

- Update monitoring work plan based on the Regional Board comments
- Coordinate, as needed, with the Regional Board to ensure acceptance for the workplan.

— Prepare a Work Plan to Improve the Chino Basin Groundwater Quality Model

- Conduct research on how to improve model assumption on fate and transport of TDS and nitrate in the vadose zone
- Expand the historical period to enable model calibration
- Build tools to enable efficient and cost-effective simulation of future conditions
- Update groundwater flow model to the latest version from the Safe Yield investigations
- Perform uncertainty analysis
- Coordinate with the Regional Board to present preliminary findings and gather inputs

— As-needed support for implementation of PE-6 and PE-7:

- Prepare as-requested technical analyses
- Prepare for and attend as-requested meetings with the Regional Board and others

Deliverables

West Yost will deliver the following to Watermaster:

- Semi-annual status reports for the Archibald and Chino Airport plumes in October 2025 and April 2026.
- Annual status reports for the remaining identified plumes in October 2025.
- Draft and final 2025 Maximum Benefit Annual Report by April 2026.
- Updated 2025 2025 Maximum Benefit Monitoring Program Work by December 2025.
- Work Plan to Improve the Chino Basin Groundwater Quality Model by March 2026.
- Other as-needed deliverables

7510 – PE6/7: COOPERATIVE EFFORTS/SALT MANAGEMENT

Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin – IEUA Cost Share

	Cost Estimate
Consultant Labor	$15,444
Other Direct Costs	$3,600
Total	**$19,044**

Rationale

In 2004, the Regional Board amended the Basin Plan to incorporate the Maximum Benefit SNMP for the Chino Basin to incorporate numerically higher, maximum-benefit-based TDS and nitrate objectives for the Chino-North groundwater management zone. The maximum benefit objectives created assimilative capacity and enables the cost-efficient, maximum reuse of recycled water for irrigation and recharge. The SNMP includes nine Maximum Benefit Commitments that Watermaster and IEUA must implement to obtain continued access to assimilative capacity.

The Chino Basin Maximum Benefit SNMP and related permits establish TDS and total inorganic nitrogen (TIN) limits for discharge and reuse of IEUA's recycled water within the Chino Basin. The respective limits for TDS and TIN are 550 mgl and 8 mgl. Compliance is measured as the 12-month, flow-weighted running average concentration of the IEUA agency-wide effluent. Pursuant to Maximum Benefit Commitment No. 6, Watermaster and IEUA are required to prepare and implement a plan and schedule to improve effluent water quality and achieve compliance with the effluent compliance metrics when the 12-month flow-weighted running average TDS or TIN equals or exceeds the action limits of 545 mgl TDS for three consecutive months or 8 mgl TIN for any one month.

In 2015, the 12-month running average TDS concentration of the IEUA recycled water reached a historical high of 534 mg/L, which was only 11 below the action limit, for three consecutive months. Although the TDS concentration declined from the 2015 peak before exceeding the action limit, it was an important indicator that the TDS concentration of recycled water is likely to approach or exceed the limit and trigger the planning for recycled water quality improvements during the next prolonged dry period. Given the potential cost of implementing recycled water quality improvements for what might only be short-term exceedances of the action limit based on the12-month flow-weighted concentration, the IEUA and Watermaster petitioned the Regional Board to modifying the recycled water permits and the Basin Plan to allow for a longer-term averaging period for TDS concentrations.

Beginning in 2017, to obtain approval from the Regional Board for the Basin Plan modifications, and any associated permit modifications, the IEUA and Watermaster began a detailed evaluation of the TDS and nitrate concentration impacts to Chino Basin by developing the 2020 Chino Basin Water Quality Model. The technical work was completed in December 2021 and the results were used to develop a proposed regulatory compliance plan. A Regulatory Compliance Proposal was completed and delivered to the Santa Ana Water Board in March 2022. The Santa Ana Water Board staff approved the Regulatory Compliance Proposal in July 2022 and requested that Watermaster and IEUA partner with the Jurupa Community Services District (JCSD) who had also completed a regulatory compliance proposal in 2022 that would also require amendments to the Chino Basin Maximum Benefit SNMP in Basin Plan. The extra costs to combine the Basin Plan efforts into one amendment are being covered directly by the JCSD.

Since the approval of the Regulatory Compliance Proposal in 2022, Watermaster and IEUA have been working with the Regional Board staff to prepare documents to support the Basin Plan amendment. The schedule to complete the Basin Plan amendment has been delayed due to a new stakeholder outreach requirement and the availability of the Regional Board staff to review draft documents. Based on the latest progress, West Yost anticipates that most of the work to prepare the Basin Plan amendment documents for the Santa Ana Water Board will be completed by June 2025. However, those documents will be in draft form only and West Yost anticipates that additional efforts will be required in FY 2025/26 to address inputs from the Regional Board (including their legal counsel), address comments from the scientific peer reviewers from the State Water Resources Control Board (State Board) peer review process, ensure final documents are in compliance with the Americans with Disabilities Act (ADA), and provide the Regional Board staff with other as requested support. Thus, additional work will be required in FY 2025/26 to complete the Basin Plan amendment.

It is anticipated that the Santa Ana Water Board will adopt the Basin Plan amendment November 2025. Following adoption, the Regional Board staff will also request support through completion and adoption of the Basin plan amendment by the State Board and the Office of Administrative Law (OAL). Adoption by the State Board and approval by the OAL is not likely to occur until around January 2026. West Yost anticipated that limited work is needed to support the Regional Board staff through the State Board and OAL process.

Scope of Work

West Yost shall perform the following tasks in FY 2025/26:

- Finalize the Basin Plan amendment documents (Staff Report, Substitute Environmental Document, Economic Analysis, and Resolution) based on comments received from the Regional Board staff.
- Prepare responses to comments from the scientific peer reviewers.
- Ensure that all Basin Plan amendment documents are in compliance with the ADA, including selecting and coordinating with an ADA subconsultant.
- Prepare draft PowerPoint presentation for Santa Ana Water Board staff to present the Basin Plan amendment to their Board.
- Support development of the Administrative Record.
- Regular coordination with Santa Ana Water Board staff to keep the process moving forward.
- Stakeholder outreach, as needed.
- Perform monthly project management activities, including participate in progress status calls with Watermaster and IEUA staff.

Deliverables

The FY 2025/26 deliverables for this work include:

- Final Basin Plan amendment support documents, including the SED, Staff Report, Economic Analysis, and other supporting documentation. Including, ADA compliant Basin Plan amendment documents.
- PowerPoint presentations and handout materials for any project team, Santa Ana Water Board, and stakeholder meetings.

7511 – PE6/7: COOPERATIVE EFFORTS/SALT MANAGEMENT

As-needed services to support Watermaster in its participation in Santa Ana Watershed Project Authority Task Forces

	Cost Estimate
Consultant Labor	$27,442
Other Direct Costs	$581
Total	**$28,023**

Rationale

The Santa Ana Watershed Project Authority (SAWPA) administers various multi-stakeholder efforts to monitor and analyze water quality in the Santa Ana River Watershed in collaboration with the Santa Ana Regional Water Quality Control Board (Regional Board). Two of the task forces that generate information relevant to Chino Basin OBMP efforts under PE6 and PE7 are the Basin Monitoring Program Task Force (BMPTF) and the Emerging Constituents Task Force (ECTF). The BMPTF is focused on compliance with watershed-wide the salt and nutrient plan defined in the Water Quality Control Plan for the Santa Ana River Basin (Basin Plan), such as computing ambient water quality and performing the Wasteload Allocation analysis. These activities have the potential to impact permitting for recycled water use. The ECTF focuses on the investigation of emerging constituents, tracking regulations, and implementing collaborative approaches to compliance and water quality protection. IEUA and Watermaster are members of these Task Forces.

Some of the key activities performed by the Task Forces include:

- Collection and compilation of data used to support the management of water quality in the Santa Ana River Watershed.
- Preparation of the Annual Report of Santa Ana River water quality.
- Preparation of the Annual EC Sampling Report.
- Periodic recomputation of ambient water quality for the Santa Ana River Watershed groundwater management zones (GMZs).
- Periodic review and evaluation of the wasteload allocation for recycled water discharges to the Santa Ana River and its tributaries.
- Periodic assessment of monitoring gaps in the Watershed.
- Periodic assessment and/or review of proposed changes to the Basin Plan SNMP.
- Monthly Task Force meetings.

SAWPA contracts with technical and policy consultants to support the BMPTF and ECTF to implement various studies and activities. The technical and policy work is reviewed at monthly Task Force meetings. The outcomes of the work performed by the Task Forces have direct implications for the planning activities of the Watermaster and IEUA parties.

During FY 2025/26, the BMPTF will be performing the following activities:

- Periodic (monthly to quarterly) meetings to review and discuss current and future Basin Plan SNMP implementation activities.
- Implement groundwater and surface water monitoring plans.
- Develop tools in support of performing annual data collection.
- Collect and review 2022 through 2025 groundwater data.
- Update storage models for selected groundwater management zones.
- Other as-needed work to support the Task Force's mission and objectives.

During FY 2025/26, the ECTF will be performing the following activities:

- Quarterly meetings to review and discuss current and future Basin Plan SNMP implementation activities.
- Implementation of EC monitoring program.
- Advancing discussions on PFAS regulations, and other emerging contaminant regulations.

Scope of Work

West Yost will perform as-requested services to support the Watermaster and IEUA's participation in the Task Force activities. The budget anticipates the following as-requested services for FY 2025/26:

- Attendance at up to 12 monthly Task Force meetings.
- Preparation of Task Force meeting summaries for information relevant to Watermaster.
- Review and comment on interim and final project deliverables prepared by the Task Forces or its consultants.
- Attendance at as-needed meetings with Watermaster and IEUA staff to discuss Task Force draft project deliverables.
- As-needed coordination with Watermaster and IEUA staff on Task Force activities that arise during the year.

Deliverables

The FY 2025/26 deliverables for this work could include:

- Task Force meeting summaries.
- Draft and final review comments on interim and final deliverables prepared by the Task Force or its consultants.
- Other as-requested deliverables defined by Watermaster.

7517 – PE6/7: COOPERATIVE EFFORTS/SALT MANAGEMENT

Implement Chino Creek Monitoring Program – IEUA Cost Share

	Cost Estimate[26]
Consultant Labor	$74,214
Other Direct Costs	$2,654
Total	**$76,868**

Rationale

Pursuant to the Federal Clean Water Act (CWA) Section 303(d) and 305(b), the Santa Ana Regional Water Quality Control Board (Regional Board) is required to periodically assess the water quality of the surface water bodies in the Santa Ana Watershed and publish a list of surface waters that do not meet the water quality standards for beneficial uses and objectives defined in the Santa Ana River Basin Plan (Basin Plan). The current assessment and listing determinations for the Santa Ana Watershed are included in the 2024 California Integrated Report (2024 Integrated Report).

The Final 2024 Integrated Report concluded that there is insufficient data to determine water quality conditions within reach 1B of Chino Creek (Chino Creek 1B). Specifically, there is insufficient data to determine if water quality is consistent with Basin Plan objectives, which was established to support beneficial uses, but the limited data indicates that beneficial uses may be potentially threatened (305[b] Category 3). Without more data, Chino Creek 1B could be listed as impaired in future Integrated Reports, which will require an extensive, multi-stakeholder effort to develop and implement a Total Maximum Daily Loads (TMDL) program and could impact recycled water permits and uses in the Chino Basin. The Regional Board expressed that more data is needed to assess water quality conditions compared to objectives in future Integrated Reports. Recognizing the TMDL impact on IEUA and Watermaster's recycled water activities, the Regional Board requested Watermaster and IEUA to develop a surface water monitoring program to characterize conditions along Chino Creek (Chino Creek Monitoring Program).

During FY 2022/23, Watermaster and IEUA collaborated with Santa Ana Water Board staff to develop the Chino Creek Monitoring Program Work Plan and the Quality Assurance Project Plan (QAPP) that will satisfy the requirements of the California Clean Water Act Section 303 (d) List (Listing Policy) for Chino Creek. Watermaster and IEUA have been implementing the work plan since August 2024. Watermaster and IEUA will continue to implement the work plan in FY 2025/26 through FY 2026/27.

Scope of Work

In FY 2025/26, West Yost will perform the following tasks in accordance with the Chino Creek Monitoring Program Workplan:

- Perform 12 monthly surface water sampling events at the recommended surface water sites.
- Coordinate with the IEUA operation and laboratory teams on sampling.
- Perform quality assurance/quality control (QA/QC) check, compile, and process laboratory results into centralized project database.

[26] Includes $20,000 of carryover from FY 2024/25 to analyze the monitoring results from FY 2024/25 and prepare figures to characterize surface water quality. The share of the carryover for Watermaster is $10,000.

- Review data and prepare figures to characterize surface water conditions.
- Upload surface water quality data into the California Environmental Data Exchange Network (CEDEN) annually.
- Conduct as-needed meetings with Watermaster, IEUA, Basin Monitoring Program Task Force, and the Regional Board on project status and sampling results.

Deliverables

- Figures characterizing surface water quality conditions

Cost Estimate for FY 2026/27

The Class 3 cost estimate[27] to continue this work over FY 2026/27 is about $106,000.

[27] Class 3 cost estimates have an expected accuracy of between -20% and +30% of the actual costs.

7520 – PE6/7: COOPERATIVE EFFORTS/SALT MANAGEMENT

Water Quality Management Program

	Cost Estimate
Consultant Labor	$39,000
Other Direct Costs	$250
Total	**$39,250**

Rationale

As part of the 2020 OBMPU, the stakeholders identified several management activities necessary to achieve the goals of the 2020 OBMPU. Two of the 2020 OBMPU activities address groundwater quality:

- Develop and implement a water-quality management plan to address current and future water quality issues and protect beneficial uses."
- Develop strategic regulatory-compliance solutions that achieve multiple benefits in managing water quality.

The specific action defined to encapsulate these activities within the 2020 OBMPU was the development of a Water Quality Management Plan that addresses emerging contaminants to better prepare the parties for addressing compliance with new State and Federal drinking water regulations and provides for the long-term maximum beneficial use of the basin. It was identified that reconvening the Watermaster's Water Quality Committee (WQC) would be the ideal approach to guide the development and implementation of such a management plan to guide the activities over the next several years.

In FY 2023/24 Watermaster reconvened the WQC and conducted three meetings. The first meeting was to educate participants on historical water quality activities performed by Watermaster pursuant to the 2000 OBMP, review the successes of the WQC's past work, and obtain feedback from the stakeholders on the opportunity and proposed scope and objectives for developing a water quality management plan, including development of an Emerging Contaminants Monitoring Plan (ECMP). The other two WQC meetings were to develop the ECMP and obtain stakeholder feedback and review on its methods.

Based on feedback received through the WQC, the concept of a water quality management plan was re-envisioned into a simpler, more adaptable Water Quality Management Program (WQMP) led by the WQC, following the approach used from 2003 to 2010 under Program Element 6 of the 2000 OBMP. As re-envisioned, the WQMP is an ongoing process where the focus of the work performed each year will be defined/refined based on stakeholder input received through the WQC. Under the WQMP, the WQC would meet up to address some or all the following objectives:

- Informing stakeholders on the available data and information on water quality in the Chino Basin
- Regularly educating and sharing information on potential future water quality regulations
- Implementing an ECMP to monitor and characterize contaminant occurrence in the Chino Basin where data is not available to assess potential impacts of regulations
- Tracking available grant funding and loan opportunities to advance water quality programs and projects
- Identifying opportunities for multi-agency and/or multi-benefit projects

- Enhancing the ability to characterize potential impacts to the Chino Basin as a result of Parties' operational/management responses to water quality regulations (e.g., impacts to Safe Yield or recycled water recharge program)
- Conducting other activities of interest to the stakeholders to address water quality management or concerns.

In FY 2024/25, West Yost assisted Watermaster staff in coordinating and implementing the sampling for the ECMP. This involved Watermaster conducting sampling for a list of emerging contaminants during routine sampling at monitoring wells, and additional voluntary sampling by the Appropriators for some emerging contaminants. So far, there has been no WQC meetings in FY 2024/25. The Watermaster plans to conduct two WQC meetings in FY 2025/26.

Scope of Work

For FY 2025/26, West Yost will support Watermaster Staff in implementing the WQMP by supporting the WQC process. The work will include:

- Prepare for and conduct up to two meetings of the WQC, including preparing supporting materials, such as agendas, handouts, meeting summaries, etc.
- Characterizing the emerging contaminants in the Basin after sampling for the ECMP conducted during FY 2024/25 is completed.

Deliverables

- Meeting agendas, handouts, presentations, and meeting summaries for the WQC meetings
- Maps characterizing the extent of emerging contaminants in the Basin

7610 – PE8/9: STORAGE MANAGEMENT/CONJUNCTIVE USE

Develop Storage and Recovery Master Framework

	Cost Estimate
Consultant Labor	$21,520
Other Direct Costs	$200
Total	**$21,720**

Rationale

As part of the 2020 OBMPU, the stakeholders identified several management activities necessary to achieve the goals of the 2020 OBMPU. Activity B of the 2020 OBMPU was to "develop, implement, and optimize Storage and Recovery Programs to increase water-supply reliability, protect or enhance Safe Yield, and improve water quality." Activity B falls under Program Element 9 of the 2020 OBMPU. Exhibit 7 of the 2020 OBMPU defined a multi-year scope of work to execute this activity:

1. Convene the Storage and Recovery Program Committee (Committee), define objectives, and refine scope of work.
2. Develop conceptual alternatives for Storage and Recovery Programs at various scales.
3. Describe and evaluate reconnaissance-level facility plans and costs for Storage and Recovery Program alternatives.
4. Prepare *Storage and Recovery Master Framework (SRMF).*

Watermaster staff began implementing Task 1 in FY 2023/24. This effort was postponed in FY 2024/25 due to the completion of the 2025 Safe Yield Reevaluation.

Scope of Work

The work required in FY 2025/26 is to work with Watermaster staff and the parties to define a scope of work for the future development of the SRMF. This will include preparing and conducting one Committee meeting to review the conclusions from the 2023 Committee kick-off meeting and defining a scope and budget for Steps 2 through 4 of the SRMF process. The scope and budget that is developed through this process will be brought through the Watermaster process for approval.

Deliverables

West Yost's deliverables will include presentation materials for the Committee meeting in FY 2025/26 and a scope and budget to implement Steps 2 through 4 of the SRMF process.

7614 – PE8/9: STORAGE MANAGEMENT/CONJUNCTIVE USE

Support Implementation of the Safe Yield Court Order

	Task 1	Task 2	Total
Consultant Labor	$85,280	$73,632	$158,912
Other Direct Costs	$0	$400	$400
Total	**$85,280**	**$74,032**	**$159,312**

Rationale

The Safe Yield of the Chino Basin was recalculated in May 2020 pursuant to the methodology approved by the Court on April 28, 2017. The Court adopted a Safe Yield of 131,000 acre-feet per year for the period of fiscal year 2020/21 through 2029/30. The Court-approved methodology was outlined in a Court Order from April 28, 2017 (2017 Court Order). The Court Order also included requirements for (1) annual data collection and evaluation, (2) a reevaluation of the current Safe Yield by June 30, 2025 (the 2025 Safe Yield Reevaluation, or 2025 SYR), and (3) peer review to support these efforts.

West Yost began the work to implement the 2017 Court Order in fiscal year 2021/22.[28] This work included updating the Safe Yield Reset methodology, developing annual data collection and evaluation reports covering the periods through FY 2023/24, and completing the 2025 SYR. The 2025 SYR was completed by June 30, 2025.

Scope of Work

The work required in FY 2024/25 will include completing the annual data collection and evaluation, supporting the 2025 Safe Yield Reevaluation, and facilitating the associated peer review. This scope is broken down into the following tasks:

- **Task 1 – Annual data collection and evaluation.** Pursuant to pages 16 and 17 of the Court Order, Task 1 includes collecting data from the parties and other sources and analyzing the data in the context of West Yost's groundwater modeling. Data collection will begin in July 2025 for fiscal year 2024/25. The scope of Task 1 assumes the following:
  - Existing data collection efforts (e.g., groundwater pumping measurements) will be collected via other Watermaster efforts and are not included in this scope.
  - West Yost will develop exhibits to compare the collected data to previous historical and modeling data as necessary to document the data collection in an annual report and present the data to the Peer Review committee.
  - West Yost will prepare a draft and final data collection report. The draft report will be reviewed with the Peer Review committee, comments will be incorporated, and the final report will be submitted to the Court no later than June 30, 2026.

[28] All deliverables for the implementation of the 2017 Court Order can be found on Watermaster's website here: Chino Basin Watermaster - 2017 Safe Yield Court Order Implementation

- **Task 2 – Support Implementation of the 2025 Safe Yield Reevaluation.** Following the submittal of the 2025 SYR Report, Watermaster will require support to implement any of the findings of the 2025 SYR and respond to requests from the parties. The scope is anticipated to include:
  - Support for Court motions that may result from the 2025 SYR, including additional documentation (e.g., Court declarations) or Court appearances.
  - Additional simulations of the groundwater model or additional analysis of groundwater model results to respond to party or Watermaster staff requests.
  - Preparation of exhibits, presentation materials, and support to conduct workshops.

The specific scope of any support for implementation of the 2025 SYR will be defined and agreed upon with Watermaster staff prior to the execution of the scope.

Deliverables

West Yost's primary deliverables will be the following draft technical memoranda/reports:

- A draft and final report documenting the data collection process and the data collected through FY 2024/25.
- West Yost will prepare other deliverables as needed to support the technical workshops and meetings in Tasks 1 and 2.

7615 – PE8/9: STORAGE MANAGEMENT/CONJUNCTIVE USE

Develop 2025 Storage Management Plan

	Cost Estimate
Consultant Labor	$137,616
Other Direct Costs	$200
Total	**$137,816**

Rationale

The Judgment established a Watermaster to administer the decree under the court's continuing jurisdiction and empowered it to manage and control available storage capacity and to enter into agreements for the storage of water. As a prerequisite to implementing the 2000 OBMP, the Parties executed the Peace Agreement, providing direction and guidance to Watermaster on how storage should be prioritized and managed. The 2000 OBMP included the original plans for storage management, including groundwater pumping, recharge, storage and recovery, and the transfer of water. The 2020 OBMPU involved the review and refinement of the original storage management planning work and included the development of the 2020 Storage Management Plan (SMP).

The 2020 SMP described the existing and projected uses of storage by parties, agencies engaged in Storage and Recovery Programs, the need for recharge capacity for replenishment obligations, the parties' storage management activities, guidance for Storage and Recovery Programs, and the Storage Agreement application process.

The SMP is required to be reviewed and updated (1) at no less than a five-year frequency, (2) when the Safe Yield is recalculated, or (3) when Watermaster determines a review and update is warranted based new information and/or the needs of the parties or the Basin. As the 2020 SMP was completed in October 2020, it must be updated no later than October 2025.

Scope of Work

The work required in FY 2025/26 is to continue developing the 2025 SMP with the latest planning information, understanding, and guidance related to the use and management of storage, leveraging the results of the 2025 Safe Yield Reevaluation. The scope includes two workshops with the parties to review the requirements of the SMP, discuss results and review the draft SMP, and gather feedback from the parties.

Deliverables

West Yost's deliverables will include a draft and final version of the SMP, as well as presentation materials to support the workshops.

Table 1: Cost Estimates for Watermaster Engineering Services -- FY 2025/26

Watermaster Account	Watermaster Group	Notes	Task	Other Direct Costs: Total Labor Cost Task	Total Labor Cost Project	Total Labor Cost Account	Other Direct Costs: Total ODCs Task	Total ODCs Project	Total ODCs Account	Expected Total Carryover from 2024/25	Total Engineering Cost Estimate 2025/26	IEUA Cost Share & IEUA Carryover from 2024/25	Watermaster Engineering Cost Estimate 2025/26	Expected Watermaster Carryover from 2024/25	Proposed Watermaster Budget for Engineering Services 2025/26: Task	Project	Account
General Optimum Basin Management Program/Judgment Administration						***$552,331***			***$4,463***	***$60,000***	***$616,795***	***$0***	***$616,795***	***$60,000***			***$556,795***
General Engineering					*$552,331*			*$4,463*		*$60,000*	*$616,795*	*$0*	*$616,795*	*$60,000*		***$556,795***	
8306, 8506, 8406, 6206, 6306	General	f	Pool, Advisory, Watermaster Meetings	$110,808			$2,313				$113,121		$113,121		$113,121		
5901.8, 6901.8	General	f	Other General Meetings as Requested	$75,968			$1,850				$77,818		$77,818		$77,818		
5935	General	abcC	Material Physical Injury Requests	$41,668							$41,668		$41,668		$41,668		
5906.71	General	f	Miscellaneous Data Requests - GM/Watermaster Staff	$108,824			$300				$109,124		$109,124		$109,124		
5906.72	General	f	Miscellaneous Data Requests - Non CBWM Staff/RFI	$56,483							$56,483		$56,483		$56,483		
6901.95	General	e	Annual Streamflow Monitoring Report - Water Rights Permit 21225	$23,596							$23,596		$23,596		$23,596		
6901.95	General	e	SGMA Reporting Requirement for WC Section 10720.8 (f)	$24,068							$24,068		$24,068		$24,068		
6906	General	f	Project Management	$65,810							$65,810		$65,810		$65,810		
6906.1	General	bdC	Watermaster Model Application and Required Demonstrations	$8,176						$60,000	$68,176		$68,176	$60,000	$8,176		
6901.95	General	e	Compliance with SWRCB Regulations Regarding Measurement and Reporting Diversion of Water	$19,168							$19,168		$19,168		$19,168		
5945	General	eJ	Assist Watermaster in Preparing the 48th Annual Report	$17,762							$17,762		$17,762		$17,762		
Program Element 1: Comprehensive Monitoring Program						***$879,544***			***$356,488***	***$16,000***	***$1,252,032***	***$109,292***	***$1,142,741***	***$16,000***			***$1,126,741***
7502 and 7505 Groundwater and Surface Water Quality Monitoring					*$227,022*			*$49,530*		*$7,000*	*$283,552*	*$0*	*$283,552*	*$7,000*		***$276,552***	
7502	PE1/GWQMP	abcd	GWQMP: KEY	$10,408							$10,408		$10,408		$10,408		
7502	PE1/GWQMP	abcd	GWQMP: FIELD-as needed field support	$21,472			$2,060			$7,000	$30,532		$30,532	$7,000	$23,532		
7505	PE1/GWQMP	abcd	GWQMP: LAB				$21,400				$21,400		$21,400		$21,400		
7502	PE1/GWQMP	abcd	GWQMP: DB-Field-Lab	$12,136							$12,136		$12,136		$12,136		
7502	PE1/GWQMP	abcd	GWQMP: DB-CBDC	$126,744							$126,744		$126,744		$126,744		
7502	PE1/HCMP	Ccd	HCMP: GWQ/SWQ - SARWC/NAWQA/SAR	$23,904			$3,120				$27,024		$27,024		$27,024		
7505	PE1/HCMP	Ccd	HCMP: GWQ/SWQ - SARWC/NAWQA/SAR - LAB				$8,200				$8,200		$8,200		$8,200		
7502	PE1/HCMP	Ccd	HCMP: GWQ HCMP MWs	$23,156			$2,850				$26,006		$26,006		$26,006		
7505	PE1/HCMP	Ccd	HCMP: GWQ HCMP MWs - LAB				$11,700				$11,700		$11,700		$11,700		
7502	PE1/RWGRP	ce	PBHSP: SWQMP	$9,202			$200				$9,402		$9,402		$9,402		
7104.3 Groundwater Level Monitoring Program					*$273,862*			*$49,060*		*$9,000*	*$331,922*	*$0*	*$331,922*	*$9,000*		***$322,922***	
7104.3	PE1/GWLMP	abcd	GWLMP: HCMP/GWR/MZ1/MZ3/MWL: SCHED	$6,814							$6,814		$6,814		$6,814		
7104.3	PE1/GWLMP	abcd	GWLMP: KEY	$5,568							$5,568		$5,568		$5,568		
7104.3	PE1/GWLMP	abcd	GWLMP: HCMP/GWR/MZ1/MZ3/MWL: FIELD	$64,592			$4,900				$69,492		$69,492		$69,492		
7104.3	PE1/GWLMP	abcd	GWLMP: HCMP/GWR/MZ1/MZ3/MWL: DB-WL	$53,960							$53,960		$53,960		$53,960		
7104.3	PE1/GWLMP	abcd	GWLMP: DB-CBDC	$65,523							$65,523		$65,523		$65,523		
7104.3	PE1/GWLMP	e	CASGEM Reporting	$8,460							$8,460		$8,460		$8,460		
7104.8	PE1/GWLMP	abcd	GWLMP: Contract Services	$7,128			$22,000			$9,000	$38,128		$38,128	$9,000	$29,128		
7104.9	PE1/GWLMP	abcd	GWLMP: Capital Equipment (Transducers)				$19,000				$19,000		$19,000		$19,000		
7104.3	PE4/MZ-1	abC	GWLMP: Northwest MZ-1 Area: GWLMP	$28,640			$2,010				$30,650		$30,650		$30,650		
7104.3	PE1/RWGRP	ce	GWLMP: PBHSP	$33,177			$1,150				$34,327		$34,327		$34,327		
7402 MZ-1 Ground Level Monitoring Program					*$170,923*			*$174,408*		*$0*	*$345,331*	*$0*	*$345,331*	*$0*		***$345,331***	
Subtask 1 - Setup and Maintenance of the Monitoring Network										*$0*	*$51,357*	*$0*	*$51,357*	*$0*			
7402	PE1/GLMP	abC	MZ1-GLMP: Setup and Maintenance of Monitoring Network	$30,963			$1,287				$32,250		$32,250		$32,250		
7408	PE1/GLMP	abC	MZ1-GLMP: Setup and Maintenance of Monitoring Network - Equipment	$11,328			$7,779				$19,107		$19,107		$19,107		
Subtask 2 - MZ-1: Aquifer-System Monitoring and Testing										*$0*	*$35,230*	*$0*	*$35,230*	*$0*			
7402	PE1/GLMP	abC	MZ1-GLMP: Aquifer System Monitoring and Testing	$34,408			$822				$35,230		$35,230		$35,230		
Subtask 3 - Basin-Wide: InSAR										*$0*	*$111,216*	*$0*	*$111,216*	*$0*			
7402	PE1/GLMP	abC	BW-GLMP: InSAR	$82,616							$82,616		$82,616		$82,616		
7403	PE1/GLMP	abC	BW-GLMP: InSAR - Outside Pro				$28,600				$28,600		$28,600		$28,600		
Subtask 4 - Ground-Level Surveys										*$0*	*$147,528*	*$0*	*$147,528*	*$0*			
7402	PE1/GLMP	abC	MZ1-GLMP: Ground Level Surveys	$11,608							$11,608		$11,608		$11,608		
7406	PE1/GLMP	abC	MZ1-GLMP: Ground Level Surveys - Outside Pro				$135,920				$135,920		$135,920		$135,920		
7302 Prado Basin Habitat Monitoring, Data Analysis and Reporting - 50% IEUA Cost Share					*$155,093*			*$63,490*		*$0*	*$218,583*	*$109,292*	*$109,292*	*$0*		***$109,292***	
7302	PE1/RWGRP	ce	PBHSP - Vegetation Monitoring Program	$34,714							$34,714	$17,357	$17,357		$17,357		
7306	PE1/RWGRP	ce	PBHSP - Vegetation Monitoring Program - Outside Pro				$63,000				$63,000	$31,500	$31,500		$31,500		
7302	PE1/RWGRP	ce	PBHSP - Climate Monitoring Program	$2,953			$250				$3,203	$1,602	$1,602		$1,602		
7302	PE1/RWGRP	ce	PBHSP - Prepare Annual Report	$93,209			$120				$93,329	$46,664	$46,664		$46,664		
7302	PE1/RWGRP	ce	PBHSP - Meetings and Project Administration	$24,218			$120				$24,338	$12,169	$12,169		$12,169		
7202 Recharge and Well Monitoring Program: Pursuant to the Groundwater Recharge Permit and Maximum Benefit					*$23,350*			*$0*		*$0*	*$23,350*	*$0*	*$23,350*	*$0*		***$23,350***	
7202	PE1/RWGRP	e	RWGRP: Review Documents for Chino Basin Recycled Water GW Recharge Program	$23,350							$23,350		$23,350		$23,350		

Table 1: Cost Estimates for Watermaster Engineering Services -- FY 2025/26

Watermaster Account	Watermaster Group	Notes	Task	Total Labor Cost Task	Total Labor Cost Project	Total Labor Cost Account	Other Direct Costs Total ODCs Task	Other Direct Costs Total ODCs Project	Other Direct Costs Total ODCs Account	Expected Total Carryover from 2024/25	Total Engineering Cost Estimate 2025/26	IEUA Cost Share & IEUA Carryover from 2024/25	Watermaster Engineering Cost Estimate 2025/26	Expected Watermaster Carryover from 2024/25	Proposed Watermaster Budget for Engineering Services 2025/26 Task	Proposed Watermaster Budget for Engineering Services 2025/26 Project	Proposed Watermaster Budget for Engineering Services 2025/26 Account
5925 Agriculture Production Estimation					*$11,992*			*$20,000*		*$0*	*$31,992*	*$0*	*$31,992*	*$0*		***$31,992***	
5925	General	J	Agricultural Production Estimation	$11,992			$20,000				$31,992		$31,992		$31,992		
5965 Support for Implementation of Improved Data Collection and Management Process					*$17,302*			*$0*		*$0*	*$17,302*	*$0*	*$17,302*	*$0*		***$17,302***	
5965	General	f	Support for Implementation of Improved Data Collection	$17,302							$17,302		$17,302		$17,302		
7200 Program Element 2: Comprehensive Recharge Program						***$180,896***			***$600***	***$0***	***$181,496***	***$0***	***$181,496***	***$0***			***$181,496***
7202 Engineering Services					*$180,896*			*$600*		*$0*	*$181,496*	*$0*	*$181,496*	*$0*		***$181,496***	
7202.2	PE2	abcdC	RIPComm & GRCC Meetings	$19,584			$600				$20,184		$20,184		$20,184		
7202.2	PE2	abcdC	2013 RMPU Implementation & As-Requested Support for Recharge Project Analyses	$51,712							$51,712		$51,712		$51,712		
7202.2	PE2	abcdC	2023 RMPU Implementation	$109,600							$109,600		$109,600		$109,600		
7300 Program Elements 3 & 5: Water Supply Plan - Desalters						***$21,080***			***$0***	***$0***	***$21,080***	***$0***	***$21,080***	***$0***			***$21,080***
7303 Engineering Services					*$21,080*			*$0*		*$0*	*$21,080*	*$0*	*$21,080*	*$0*		***$21,080***	
7303	PE3-5	f	PE3-5: Engineering Support for Desalters	$21,080							$21,080		$21,080		$21,080		
7400 Program Element 4: Mgmt Zone Strategies						***$333,292***			***$60,395***	***$0***	***$393,687***	***$0***	***$393,687***	***$0***			***$393,687***
7402 Engineering Services					*$333,292*			*$60,395*		*$0*	*$393,687*	*$0*	*$393,687*	*$0*		***$393,687***	
Subtask 5 - Data Analyses and Reports											*$91,668*		*$91,668*	*$0*			
7402	PE4/MZ-1	abC	PE4/MZ-1: Data Analyses and Reports	$81,668			$10,000				$91,668		$91,668		$91,668		
Subtask 6 - Develop a Subsidence Management Plan for Northwest MZ-1										*$0*	*$241,128*	*$0*	*$241,128*	*$0*			
7402.1	PE4/MZ-1	abC	Aquifer-System Monitoring	$4,792							$4,792		$4,792		$4,792		
7402.1	PE4/MZ-1	abC	Refurbish PX and add telemetry; Periodically check and adjust extensometers	$68,000			$50,000				$118,000		$118,000		$118,000		
7402.1	PE4/MZ-1	abC	Refine and Evaluate Subsidence-Management Alternatives	$118,336							$118,336		$118,336		$118,336		
Subtask 7 - Meetings and Administration										*$0*	*$60,891*	*$0*	*$60,891*	*$0*			
7402	PE4/MZ-1	abC	PE4/MZ-1: Meetings and Administration	$60,496			$395				$60,891		$60,891		$60,891		
7500 Program Elements 6 & 7: Coop Efforts/Salt Mgmt						***$334,927***			***$8,785***	***$30,000***	***$373,712***	***$47,956***	***$325,756***	***$20,000***			***$305,756***
7502 Engineering Services					*$198,828*			*$1,700*		*$10,000*	*$210,528*	*$0*	*$210,528*	*$10,000*		***$200,528***	
7502	PE6-7	abC	PE6: Analysis of Chino Basin Contaminant Plumes	$52,632			$200				$52,832		$52,832		$52,832		
7502	PE6-7	Ccd	PE7: Maximum Benefit Annual Report	$43,612							$43,612		$43,612		$43,612		
7502	PE6-7	de	PE7: Prepare Updated Groundwater and Surface Water Monitoring Work Plan	$17,204						$10,000	$27,204		$27,204	$10,000	$17,204		
NEW	PE6-7	de	PE7: Prepare a Work Plan to Improve the Chino Basin Groundwater Quality Model - Pending Discussion on Cost Share with IEUA	$70,216							$70,216		$70,216		$70,216		
7502	PE6-7	abC	As needed support for implementation of PE 6/7	$15,164			$1,500				$16,664		$16,664		$16,664		
7510 Update IEUA's Recycled Water Permit/Maximum Benefit Salinity Management Plan					*$15,444*			*$3,600*		*$0*	*$19,044*	*$9,522*	*$9,522*	*$0*		***$9,522***	
7510	PE6-7	df	Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin - IEUA Cost Share	$15,444			$3,600				$19,044	$9,522	$9,522		$9,522		
7511 Support Watermaster in Participation and Review of Santa Ana Watershed Basin Monitoring Program Task Force					*$27,442*			*$581*		*$0*	*$28,022*	*$0*	*$28,022*	*$0*		***$28,022***	
7511	PE6-7	df	As requested services to support Watermaster in its participation in and review of work performed by the Santa Ana Watershed Basin Monitoring Program Task Force	$27,442			$581				$28,022		$28,022		$28,022		
7517 Prepare Monitoring Work Plan for Chino Creek					*$54,214*			*$2,654*		*$20,000*	*$76,868*	*$38,434*	*$38,434*	*$10,000*		***$28,434***	
7517	PE6-7	de	Implementation of Chino Creek Monitoring Program - IEUA Cost Share	$54,214			$2,654			$20,000	$76,868	$38,434	$38,434	$10,000	$28,434		
7520 Preparation of Water Quality Management Plan					*$39,000*			*$250*		*$0*	*$39,250*	*$0*	*$39,250*	*$0*		***$39,250***	
7520	PE6-7	a	Water Quality Management Program	$39,000			$250				$39,250		$39,250		$39,250		
7600 Program Elements 8 & 9: Storage Mgmt/Conj Use						***$318,048***			***$800***	***$0***	***$318,848***	***$0***	***$318,848***	***$0***			***$318,848***
7602 Engineering Services					*$318,048*			*$800*		*$0*	*$318,848*	*$0*	*$318,848*	*$0*		***$318,848***	
7610	PE8-9	abJ	Develop Storage and Recovery Master Framework	$21,520			$200				$21,720		$21,720		$21,720		
7614	PE8-9	beC	Support Implementation of the Safe Yield Court Order	$158,912			$400				$159,312		$159,312		$159,312		
7615	PE8-9	abJ	Develop 2025 Storage Management Plan	$137,616			$200				$137,816		$137,816		$137,816		
Totals				**$2,620,119**	**$2,620,119**	**$2,620,119**	**$431,531**	**$431,531**	**$431,531**	**$106,000**	**$3,157,650**	**$157,248**	**$3,000,403**	**$96,000**	**$2,904,403**	**$2,904,403**	**$2,904,403**

Notes:

Work mandated by:

a OBMP & Peace Agreement
b OBMP Implementation Plan
c Peace II
d Water Quality Control Plan for the Santa Ana River Basin (Basin Plan)
e Other Regulatory Compliance
f Watermaster staff request
g New scope item related to Watermaster Process and Testimony at Court if required
C Court Order
J Judgment

Table 2: Comparison of Watermaster Engineering Costs
FY 2025/26 versus FY 2024/25

FY 2025/26 Account No(s).	Task	Watermaster Engineering Cost Estimate FY 25/26[1]	Watermaster Engineering Cost Estimate FY 24/25[2]	Net Change
General Optimum Basin Management Program/Judgment Administration		**$616,795**	**$762,945**	**($146,151)**
8306, 8506, 8406, 6206, 6306	Pool, Advisory, Watermaster Meetings	$113,121	$117,551	($4,430)
6901.8, 5901.8	Other General Meetings as Requested	$77,818	$74,132	$3,687
5935	Material Physical Injury Requests	$41,668	$39,452	$2,216
5906.71	Miscellaneous Data Requests - GM/Watermaster Staff	$109,124	$101,048	$8,076
5906.72	Miscellaneous Data Requests - Non CBWM Staff/RFI	$56,483	$37,008	$19,475
6901.95	Annual Streamflow Monitoring Report - Water Rights Permit 21225	$23,596	$22,416	$1,180
6901.95	SGMA Reporting Requirement for WC Section 10720.8 (f)	$24,068	$21,926	$2,142
6906	Project Management	$65,810	$51,440	$14,370
6906.1	Watermaster Model Application and Required Demonstrations	$68,176	$67,596	$580
6901.95	Compliance with SWRCB Regulations Regarding Measurement and Reporting Diversion of Water	$19,168	$18,264	$904
5945	Assist Watermaster in Preparing the 48th Annual Report	$17,762	$16,924	$838
6906.21	2024 State of the Basin Report	$0	$195,188	($195,188)
7100 Program Element 1: Comprehensive Monitoring Program		**$1,142,741**	**$1,085,996**	**$56,745**
7502, 7505	Groundwater Quality Monitoring Program	$283,552	$332,468	($48,916)
7104.3, 7104.8, 7104.9	Groundwater Level Monitoring Program	$331,922	$317,501	$14,421
7402, 7403, 7406, 7408	Ground Level Monitoring Program	$345,331	$261,971	$83,360
7302, 7306	PBHSP - Monitoring Program	$109,292	$79,805	$29,487
7202	Review Documents for Chino Basin Recycled Water GW Recharge Program	$23,350	$23,496	($146)
5925	Agricultural Production Estimation	$31,992	$31,096	$896
5965	Support for Implementation of Improved Data Collection	$17,302	$39,659	($22,357)
7200 Program Element 2: Comprehensive Recharge Program		**$181,496**	**$175,944**	**$5,552**
7202.2	PE2: Comprehensive Recharge Program	$181,496	$175,944	$5,552
7300 Program Elements 3 & 5: Water Supply Plan - Desalter		**$21,080**	**$16,180**	**$4,900**
7303	PE3-5: Engineering Support for Desalters	$21,080	$16,180	$4,900
7400 Program Element 4: Management Zone Strategies		**$393,687**	**$374,677**	**$19,010**
7402	PE4/MZ-1: Data Analyses, Reports, Meetings, and Administration	$152,559	$215,021	($62,462)
7402.1	PE4: Subsidence Management Plan for Northwest MZ-1	$241,128	$159,656	$81,472
7500 Program Elements 6 & 7: Cooperative Efforts/Salt Management		**$325,756**	**$368,640**	**($42,883)**
7502	PE6-7: Consulting Services for Water Quality under PE 6/7	$210,528	$148,582	$61,946
7510	Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin - IEUA Cost Share	$9,522	$20,752	($11,230)
7511	As Requested Services to Review of Work Performed by Santa Ana Watershed BMPTF	$28,022	$27,067	$955
7508	Follow-on work for the mitigation plan for the temporary loss of Hydraulic Control - IEUA Cost Share	$0	$0	$0
7517	Implementation of Chino Creek Monitoring Program - IEUA Cost Share	$38,434	$42,074	($3,641)
7520	Water Quality Management Program	$39,250	$130,164	($90,914)
7600 Program Elements 8 & 9: Storage Management/Conjunctive Use		**$318,848**	**$885,602**	**($566,754)**
7610	Develop Storage and Recovery Master Framework	$21,720	$57,584	($35,864)
7614	Support Implementation of the Safe Yield Court Order	$159,312	$785,386	($626,074)
7615	Develop 2025 Storage Management Plan	$137,816	$42,632	$95,184
Totals		**$3,000,403**	**$3,669,983**	**($669,580)**

Notes:

[1] Total engineering cost estimate ($3,157,650) minus estimated IEUA cost-share contribution ($157,248) from Table 1

[2] Total engineering cost estimate ($3,812,614) minus estimated IEUA cost-share contribution ($142,631)

Table 3: Variance Explanations for Engineering Costs
FY 2025/26 versus FY 2024/25

FY 2025/26 Account No(s).	Task	Change from FY 24/25	Variance Explanation
General Optimum Basin Management Program/Judgment Administration		**($146,151)**	
8306, 8506, 8406, 6206, 6306	Pool, Advisory, Watermaster Meetings	($4,430)	
6901.8, 5901.8	Other General Meetings as Requested	$3,687	
5935	Material Physical Injury Requests	$2,216	
5906.71	Miscellaneous Data Requests - GM/Watermaster Staff	$8,076	
5906.72	Miscellaneous Data Requests - Non CBWM Staff/RFI	$19,475	The as-requested efforts were greater than budgeted in FY 2024/25. As a result, the budget for FY 2025/26 has been increased.
6901.95	Annual Streamflow Monitoring Report - Water Rights Permit 21225	$1,180	
6901.95	SGMA Reporting Requirement for WC Section 10720.8 (f)	$2,142	
6906	Project Management	$14,370	
6906.1	Watermaster Model Application and Required Demonstrations	$580	
6901.95	Compliance with SWRCB Regulations Regarding Measurement and Reporting Diversion of Water	$904	
5945	Assist Watermaster in Preparing the 48th Annual Report	$838	
6906.21	2024 State of the Basin Report	($195,188)	This is a biennial task that will be completed in FY 2024/25.
7100 Program Element 1: Comprehensive Monitoring Program		**$56,745**	
7502, 7505	Groundwater Quality Monitoring Program	($48,916)	The scope for FY 2024/25 included additional sampling for the ECMP and trienniel sampling which will not be performed in FY 2025/26. And FY 2024/25 included carryover funds to complete a well rehab project that was completed during the fiscal year.
7104.3, 7104.8, 7104.9	Groundwater Level Monitoring Program	$14,421	
7402, 7403, 7406, 7408	Ground Level Monitoring Program	$83,360	Cost increase compared to FY 2024/25 is due to a new ground-level elevation survey in the Northeast Area and benchmark ground-level reconnaissance that was not conducted in FY 2024/25.
7302, 7306	PBHSP - Monitoring Program	$29,487	The increase in cost in FY 2025/26 is due to the triennial field vegetation surveys being performed this year.
7202	Review Documents for Chino Basin Recycled Water GW Recharge Program	($146)	
5925	Agricultural Production Estimation	$896	
5965	Support for Implementation of Improved Data Collection	($22,357)	The level of effort to support Watermaster staff with the development and implementation of the Data Portal has changed.
7200 Program Element 2: Comprehensive Recharge Program		**$5,552**	
7202.2	PE2: Comprehensive Recharge Program	$5,552	
7300 Program Elements 3 & 5: Water Supply Plan - Desalter		**$4,900**	
7303	PE3-5: Engineering Support for Desalters	$4,900	
7400 Program Element 4: Mgmt Zone Strategies		**$19,010**	
7402	PE4/MZ-1: Data Analyses, Reports, Meetings, and Administration	($62,462)	The scope of work in FY 2025/26 is similar to FY 2024/25. The 2024/25 cost estimate included carryover from the prior year that accounts for the variance.
7402.1	PE4: Subsidence Management Plan for Northwest MZ-1	$81,472	The Pomona Extensometer is scheduled for refurbishment, with telemetry installation planned for FY 2025/26. In addition, the subsidence management alternatives will be refined in FY 2025/26 based on the results of the 2025 Safe Yield Reevaluation.
7500 Program Elements 6 & 7: Coop Efforts/Salt Mgmt		**($42,883)**	
7502	PE6-7: Consulting Services for Water Quality under PE 6/7	$61,946	The scope of work for FY 2025/26 includes a new task to prepare a work plan to improve the Chino Basin Groundwater Quality Model, which was not included in FY 2024/25.

Table 3: Variance Explanations for Engineering Costs
FY 2025/26 versus FY 2024/25

FY 2025/26 Account No(s).	Task	Change from FY 24/25	Variance Explanation
7510	Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin - IEUA Cost Share	($11,230)	
7511	As Requested Services to Review of Work Performed by Santa Ana Watershed BMPTF	$955	
7512	Follow-on work for the mitigation plan for the temporary loss of Hydraulic Control - IEUA Cost Share	$0	
7517	Implementation of Chino Creek Monitoring Program - IEUA Cost Share	($3,641)	
7520	Water Quality Management Program	($90,914)	The scope in FY 2025/26 is less than the prior year due to less WQC meeetings and a reduced scope of the WQMP process.
7600 Program Elements 8 & 9: Storage Mgmt/Conj Use		**($566,754)**	
7610	Develop Storage and Recovery Master Framework	($35,864)	The scope in FY 2025/26 is less than the prior year because this task will be re-scoped following the results of the 2025 Safe Yield Reevaluation and discussions with the parties.
7614	Support Implementation of the Safe Yield Court Order	($626,074)	The 2025 Safe Yield Reevaluation was completed in FY 2024/25.
7615	Develop 2025 Storage Management Plan	$95,184	The scope in FY 2025/26 is greater than the prior year because the majority of the work to complete the 2025 Storage Management Plan will take place in FY 2025/26.
Total		**($669,580)**	

Table 4: Engineering Cost Estimates by Expense Category*
FY 2025/26 Account No(s).

FY 2025/26 Account No(s).	Task	Total Engineering Cost Estimates	Expense Category						
			WY Labor Expense	WY Travel Expense	Equipment Rental	Repro Expense	Equipment Purchases	Lab Expense	Outside Pros
General Optimum Basin Management Program/Judgment Administration		**$ 616,795**	**$ 612,331**	**$ 4,463**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
8306, 8506, 8406, 6206, 6306	Pool, Advisory, Watermaster Meetings	$ 113,121	110,808	2,313	-	-	-	-	-
6901.8, 5901.8	Other General Meetings as Requested	$ 77,818	75,968	1,850	-	-	-	-	-
5935	Material Physical Injury Requests, Other	$ 41,668	41,668	-	-	-	-	-	-
6906.71, 5906.71	Miscellaneous Data Requests - GM/Watermaster Staff	$ 109,124	108,824	300	-	-	-	-	-
6906.72, 5906.72	Miscellaneous Data Requests - Non CBWM Staff/RFI	$ 56,483	56,483	-	-	-	-	-	-
6901.95	Annual Streamflow Monitoring Report - Water Rights Permit 21225	$ 23,596	23,596	-	-	-	-	-	-
6901.95	SGMA Reporting Requirement for WC Section 10720.8 (f)	$ 24,068	24,068	-	-	-	-	-	-
6906	Project Management	$ 65,810	65,810	-	-	-	-	-	-
6906.1	Watermaster Model Application and Required Demonstrations	$ 68,176	68,176	-	-	-	-	-	-
6901.95	Compliance with SWRCB Regulations Regarding Measurement and Reporting Diversion of Water	$ 19,168	19,168	-	-	-	-	-	-
5945	Assist Watermaster in Preparing the 48th Annual Report	$ 17,762	17,762	-	-	-	-	-	-
7100 Program Element 1: Comprehensive Monitoring Program		**$ 1,252,032**	**$ 895,544**	**$ 9,302**	**$ 9,270**	**$ 1,596**	**$ 25,250**	**$ 41,300**	**$ 269,770**
7502, 7505	Groundwater Quality Monitoring Program	$ 283,552	234,022	2,220	6,010	-	-	41,300	-
7104.3, 7104.8, 7104.9	Groundwater Level Monitoring Program	$ 331,922	282,862	5,270	2,790	-	19,000	-	22,000
7402, 7403, 7406, 7408	Ground Level Monitoring Program	$ 345,331	170,923	1,572	470	1,596	6,250	-	164,520
7302, 7306	PBHSP - Monitoring Program	$ 218,583	155,093	240	-	-	-	-	63,250
7202	Review Documents for Chino Basin Recycled Water GW Recharge Program	$ 23,350	23,350	-	-	-	-	-	-
5925	Agricultural Production Estimation	$ 31,992	11,992	-	-	-	-	-	20,000
5965	Support for Implementation of Improved Data Collection	$ 17,302	17,302	-	-	-	-	-	-
7200 Program Element 2: Comprehensive Recharge Program		**$ 181,496**	**$ 180,896**	**$ 600**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
7202.2	RIPComm & GRCC Meetings	$ 181,496	180,896	600	-	-	-	-	-
7300 Program Elements 3 & 5: Water Supply Plan - Desalter		**$ 21,080**	**$ 21,080**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
7303	PE3-5: Engineering Support for Desalters	$ 21,080	21,080	-	-	-	-	-	-
7400 Program Element 4: Mgmt Zone Strategies		**$ 393,687**	**$ 333,292**	**$ 395**	**$ -**	**$ 10,000**	**$ 50,000**	**$ -**	**$ -**
7402	PE4/MZ-1: Data Analyses, Reports, Meetings, and Administration	$ 152,559	142,164	395	-	10,000	-	-	-
7402.1	PE4: Subsidence Management Plan for Northwest MZ-1	$ 241,128	191,128	-	-	-	50,000	-	-
7500 Program Elements 6 & 7: Coop Efforts/Salt Mgmt		**$ 373,712**	**$ 364,927**	**$ 4,085**	**$ 1,200**	**$ -**	**$ -**	**$ -**	**$ 3,500**
7502	PE6-7: As-needed consulting for Plumes and Maximum Benefit Annual Reporting	$ 210,528	208,828	1,700	-	-	-	-	-
7510	Update IEUA's Recycled Water Permit and Water Salinity MP - IEUA Cost Share	$ 19,044	15,444	100	-	-	-	-	3,500
7511	As requested services to support Watermaster in its participation in and review of work performed by the Santa Ana Watershed Basin Monitoring Program Task Force	$ 28,022	27,442	581	-	-	-	-	-
7517	Implementation of Chino Creek Monitoring Program - IEUA Cost Share	$ 76,868	74,214	1,454	1,200	-	-	-	-
7520	Water Quality Management Program	$ 39,250	39,000	250	-	-	-	-	-
7600 Program Elements 8 & 9: Storage Mgmt/Conj Use		**$ 318,848**	**$ 318,048**	**$ 800**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
7610	Develop Storage and Recovery Master Framework	$ 21,720	21,520	200	-	-	-	-	-
7614	Support Implementation of the Safe Yield Court Order	$ 159,312	158,912	400	-	-	-	-	-
7615	Develop 2025 Storage Management Plan	$ 137,816	137,616	200	-	-	-	-	-
Totals		**$ 3,157,650**	**$ 2,726,119**	**$ 19,645**	**$ 10,470**	**$ 11,596**	**$ 75,250**	**$ 41,300**	**$ 273,270**

Notes:

* Total engineering cost estimates include IEUA cost sharing contributions and Carryover

Brownstein Hyatt Farber Schreck **FY 2025-2026 Proposed Budget** **10-Mar-25**

Account	Description		Note	Total Hours	Labor (Cost) Cost Task	Labor (Cost) Cost Account	FY 2025/2026 Budget	FY 2024/2025 Budget
	WM Legal Services - Meetings, Business Items, Associated Activities						***$ 249,798***	***$ 249,798***
6275	Advisory Committee Meetings	4 Hours/Month X 11 Months @ $631		44	$ 27,764			
6375	Board Meetings	12 Hours/Month X 11 Months @ $672		132	$ 88,704			
6375.1	Board Briefings/Workshops	20 Hrs @ $672, 25 Hrs @ $631		45	$ 29,215			
8375	Appropriative Pool Meetings	5 Hours/Month X 11 Months @ $631		55	$ 34,705			
8475	Agricultural Pool Meetings	5 Hours/Month X 11 Months @ $631		55	$ 34,705			
8575	Non-Agricultural Pool Meetings	5 Hours/Month X 11 Months @ $631		55	$ 34,705			
	Total for Activity			***386***	***$ 249,798***	***$ 249,798***		
6070	***WM Legal Services***						***$ 346,011***	***$ 414,051***
6071	Court Coordination	40 Hrs @ $672, 40 Hrs @ $631, 60 Hrs @ $398		140	$ 76,000			
6072	Rules and Regs	5 Hrs @ $672, 5 Hrs @ $631, 10 Hrs @ $398		20	$ 10,495			
6073	Personnel Matters	50 Hrs @ $563	A	50	$ 28,150			
6074	Interagency Issues	72 Hrs @ $563	B	72	$ 40,536			
6077	Party Status Maintenance	10 Hrs @ $563, 20 Hrs @ $398	C	30	$ 13,590			
6078	Miscellaneous	80 Hrs @ $672, 120 Hrs @ $631, 120 Hrs @ $398	D	320	$ 177,240			
	Total for Activity			***632***	***$ 346,011***	***$ 346,011***		
6907.31	***Archibald South Plume***						***$ 12,565***	***$ 12,565***
	Archibald South Plume	5 Hrs @ $672, 5 Hrs @ $579, 10 Hrs @ $631		20	$ 12,565			
	Total for Activity			***20***	***$ 12,565***	***$ 12,565***		
6907.32	***Chino Airport Plume***						***$ 12,565***	***$ 12,565***
	Chino Airport Plume	5 Hrs @ $672, 5 Hrs @ $579, 10 Hrs @ $631		20	$ 12,565			
	Total for Activity			***20***	***$ 12,565***	***$ 12,565***		
6907.33	***Desalter/Hydraulic Control Issues***						***$ 38,680***	***$ 38,680***
	Continued CDA Support	10 Hrs @ $672, 20 Hrs @ $631		30	$ 19,340			
	Hydraulic Control	10 Hrs @ $672, 20 Hrs @ $631		30	$ 19,340			
	Total for Activity			***60***	***$ 38,680***	***$ 38,680***		
6907.34	***Santa Ana River Water Rights***						***$ 21,405***	***$ 21,405***
	Water Right Permits 21225, 20753 and 19895	15 Hrs @ $631, 30 Hrs @ $398		45	$ 21,405			
	Total for Activity			***45***	***$ 21,405***	***$ 21,405***		
6907.38	***Reg. Water Quality Control Board***						***$ 63,200***	***$ 63,200***
	Legal counsel involvement in ongoing issues	25 Hrs @ $672, 40 Hrs @ $563, 60 Hrs @ $398		125	$ 63,200			
	Total for Activity			***125***	***$ 63,200***	***$ 63,200***		
6907.39	***Recharge Master Plan***						***$ 14,270***	***$ 14,270***
	Implementation/Update	10 Hrs @ $631, 20 Hrs @ $398		30	$ 14,270			
	Total for Activity			***30***	***$ 14,270***	***$ 14,270***		
6907.41	***Prado Basin Habitat Sustainability***						***$ 10,290***	***$ 10,290***
	Prado Basin Habitat	10 Hrs @ $631, 10 Hrs @ $398		20	$ 10,290			
	Total for Activity			***20***	***$ 10,290***	***$ 10,290***		
6907.44	***SGMA Compliance***						***$ 10,290***	***$ 10,290***
	SGMA Compliance	10 Hrs @ $631, 10 Hrs @ $398		20	$ 10,290			
	Total for Activity			***20***	***$ 10,290***	***$ 10,290***		
6907.45	***OBMP Update***						***$ 177,240***	***$ 177,240***
	OBMP Update	80 Hrs @ $672, 120 Hrs @ $631, 120 Hrs @ $398		320	$ 177,240			
	Total for Activity			***320***	***$ 177,240***	***$ 177,240***		
6907.47	***2020 Safe Yield Reset***						***$ 151,180***	***$ 80,190***
	2020 Safe Yield Reset	60 Hrs @ $672, 100 Hrs @ $631, 120 Hrs @ $398		280	$ 151,180			
	Total for Activity			***280***	***$ 151,180***	***$ 151,180***		
	San Sevaine Basin Discharge						***$ 229,175***	***$110,080***
6907.50	San Sevaine Discharge State Court Litigation	40 Hrs @ $579, 25 Hrs @ $631, 80 Hrs @ $398		145	$ 70,775			
6907.51	San Sevaine Discharge CWA Litigation	120 Hrs @ $579, 40 Hrs @ $631, 160 Hrs @ $398		320	$ 158,400			
	Total for Activity			***465***	***$ 229,175***	***$ 229,175***		
6907.9	***WM Legal Counsel - Unanticipated***						***$ 38,885***	***$ 38,885***
	Miscellaneous	25 Hrs @ $672, 35 Hrs @ $631		60	$ 38,885			
	Total for Activity			***60***	***$ 38,885***	***$ 38,885***		
	Total--All Accounts			***2,018***	***$ 1,375,554***	***$ 1,375,554***	***$ 1,375,554***	***$ 1,349,679***

Notes:
(A) Includes attorney and witness preparation, hearing attendance and potential post-hearing activities.
(B) Variety of day-to-day matters that arise throughout the month concerning the Judgment, Rules, agreements, etc.
(C) Activities related to clean-up and maintenance of Watermaster's roster of parties and Pool members, along with potential Court filings.
(D) Variety of day-to-day activities such as workshop reviews; research Pool membership issues; stormwater and new yield; review agreements and contracts; coordination of ongoing Watermaster projects; review of draft documents; special activities as requested by GM, etc.

General Notes:

* Brownstein maintains a 10% discount on all fees over $100,000 as part of the original contract with Watermaster.

* Rather than attempt to project which budget items would be affected by the 10% discount, and which out-of-pocket cost items might be relevant to which budget items, the budget detail assumes they offset each other.

* Rates for most BHFS attorneys reflect an increase for the first time in several years.

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Recharge Water Program FY 2025/26 Proposed Budget

Debt Service and Operations and Maintenance

Alexander Lopez
Treasurer

March 12, 2025

2 Summary Debt Service

Debt Type	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
2020A Refunding Bonds (2008B Variable)	$759,498	$379,749	$379,749
San Sevaine Improvement (SRF loan)	101,947	50,974	50,973
Lower Day Basin Improvement (SRF Loan)	159,484	159,484	0
Total Debt Service	**$1,020,929**	**$590,207**	**$430,722**

3 Bond Debt Service

2020A Refunding (2008B Variable) $5.7M 11 years @ 0.849% Matures 2032	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
Principal Payment	$679,695	$339,848	$339,847
Interest Expense	276,455	138,227	138,228
Financial Expense	624	312	312
Total Bond Debt Service	**$956,774**	**$478,387**	**$478,387**
Deferred Amortization adjustment	(197,276)	(98,638)	(98,638)
Debt Service (net of adjustment)	**$759,498**	**$379,749**	**$379,749**

4 SRF Loan Debt Service

San Sevaine Basin Improvements (SRF Loan) $1.5M 30 Years @ 1.8% Matures Dec. 2049	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
Principal Payment	$65,256	$32,628	$32,628
Interest Expense	36,691	18,346	18,345
Debt Service	**$101,947**	**$50,974**	**$50,973**

Lower Day Improvement (SRF Loan) $2.8M 20 Years @ .55% Matures Jan. 2042	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
Principal Payment	$145,285	$145,285	$0
Interest Expense	14,199	14,199	0
Debt Service	**$159,484**	**$159,484**	**$0**

5 Future SRF Loan Debt Service

Montclair Basin Improvement (SRF Loan) $2.06M 20 Years @ .55% Matures Feb. 2046	FY 2025/26 Budget	Funding from CBWM	Funding from IEUA
Principal Payment	$90,562	$90,562	$0
Interest Expense	6,884	6,884	0
Debt Service	**$97,446**	**$97,446**	**$0**

Wineville/Jurupa/RP-3 Basin Recharge Improvements (SRF Loan) $15.3M 20 Years @ 1.8% Matures Mar. 2047	FY 2026/27 Budget	Funding from CBWM	Funding from IEUA
Principal Payment	$730,774	$665,004	$65,770
Interest Expense	82,652	75,214	7,438
Debt Service	**$813,426**	**$740,218**	**$73,208**

6 Operations and Maintenance

Expense	FY 2025/26 Budget	Funding from CBWM*	Funding from IEUA*
SBCFCD	$12,000		
CBWCD	2,000		
IEUA – Operations & Maintenance:			
General Basin	1,402,438		
GWR Administration	689,180		
Specialty O&M	136,000		
Utilities	153,000		
General Allocation (10%)	239,462		
Total	**$2,634,080**	**$1,697,272**	**$936,808**

** Based on Groundwater Recharge Pro-Rata Cost Sharing Methodology Draft Budget*

Thank You

These materials have not been prepared with a view to informing an investment decision in any of the Agency's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Agency's bonds, notes or other obligations.

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GWR O&M Budget Summary FY 2025/2026								Draft	03/05/25
SBCFCD									
Engineering Services		158101	410000	520920				**$**	**12,000**
CBWCD									
Engineering Services		159101	410000	520920				**$**	**2,000**
General Basin Maintenance	**(Summary)**	**FA-CI (SAP)**							
Other Contract Services		161101	410000	521080		$ 910,000			
Diesel (Dewatering)		161101	410000	512420		$ 4,000			
Weed Control Services		161101	410000	521110		$ 156,438			
Pest Control Services		161101	410000	521110		$ 116,000			
Engineering Services		161101	410000	520920		$ 112,000			
Contract Labor		161101	410000	521010		$ 40,000			
Contract Materials		161101	410000	521050		$ 64,000			
								Subtotal General Basin Maintenance	**$ 1,402,438**
GWR Administration									
Supplies - General		161101	400000	512110		$ 5,000			
Vehicular Expense		161101	400000	512480		$ 60,000			
Travel - Mileage		161101	400000	511220		$ -			
Equip-Off < $500		161101	400000	512610		$ -			
Off Supply-Gen		161101	400000	512010		$ 1,000			
Postage / Delivery		161101	400000	512350		$ -			
Printing / Copying		161101	400000	512210		$ -			
Small Tools and Equipment		161101	400000	512660		$ 5,000			
Equipment Maintenance		161101	400000	512710		$ 5,000			
Operating Permits, Fees, Licenses		161101	400000	519310		$ 12,000			
Software License SCADA		161101	400000	512520		$ 15,000			
DCS Analyst Labor		*161101*	*400000*	*700 series*		*$ 54,060*			
Electrician Labor		*161101*	*400000*	*700 series*		*$ 54,060*			
Maintenance Tech Labor		*161101*	*400000*	*700 series*		*$ 54,060*			
GWR Operations Labor		*161101*	*400000*	*700 series*		$424,000			
								Subtotal GWR Administration	**$ 689,180**
Specialty O&M									
Contract Labor		161101	400000	521010		$ 51,000	Contractor Labor to address Theft, Vandalism, & repairs		
Contract Materials		161101	400000	521050		$ 35,000	Contractor Material, Address Theft, Vandalism, & repairs		
Materials & Supplies		161101	400000	512170		$ 50,000	IEUA materials and supplies		
Contract Labor	for GWR				$ 40,000		Vandalism, DFG rpt, Tree Drop, SCADA tower wires,		
Contract Materials	for GWR				$ 25,000				
Contract Labor	for DCS	*DCS*			*$ 5,500*				
Contract Materials	for DCS	*DCS*			*$ 10,000*				
Contract Labor	for E&I	*E&I*			*$ 5,500*				
Materials & Supplies	for All	*internal*			*$ 50,000*	Actuator components, LT's, gates			
								Subtotal Specialty O&M	**$ 136,000**
Utilities									
Electricity	10300	161101	400000	545110		$ 120,000	Jurupa PS and SS5 PS, mostly		
Telephone	10300	161101	400000	545320		$ 8,000	Dial Up sites	All utilities based on current FY projections	
Computer Com.	10300	161101	400000	545340		$ 10,000	DSL/Data lines		
Telemetry	10300	161101	400000	545350		$ 15,000			
								Subtotal Utilities	**$ 153,000**
General Allocation									
Administrative									
CPFM									
Engineering			**Subtotal of All Above Categories**		$ 2,394,618				
Finance			**Flat Rate**	10%	$ 239,462				
Maintenance									
Management									
Planning									
Tech Support									
								Subtotal General Allocation	**$ 239,462**
CIP					$ -				$ -
								Proposed Reimbursable Budget	**$ 2,634,080**
Reserve									
Op. & Impr. Reserve (Sec. VIII, para. 18)					$ -				
								Subtotal Reserve	**$ -**

GWR O&M Budget Summary FY 2025/2026 **Draft** **03/05/25**

(General Basin Maintenance Detail)

General Basin Maintenance (detail)

Recharge and other Facilities	Location Code	Contract Service Infiltr Restore & Slope Repairs 521080	Contract Service Debris Removal & Disposal 521080	Dewatering Diesel 512420	Contract Labor 521010	Weed Control Services 521110	Pest Control Services (Vectors) 521110	Eng. Services 520920	Contract Materials 521050	Totals per Facility
Banana Basin	161202					$ 5,460	$ 2,000			$ 7,460
Brooks Basin	161203					$ 8,640	$ 2,000		$ 1,200	$ 11,840
College Heights Basins	161204					$ 3,500	$ -		$ 1,200	$ 4,700
Declez Basin	161205					$ 7,092	$ 4,000		$ 1,200	$ 12,292
8th Street Basins	161201					$ 8,268	$ 15,000		$ 1,200	$ 24,468
Ely Basins #1 & 2	161206					$ 10,536	$ 12,000		$ 1,200	$ 23,736
Ely Basin #3	161206						$ 10,000		$ 1,200	$ 11,200
Etiwanda D.B.	161208					$ 5,988	$ -			$ 5,988
Grove Basin	161209					$ 5,856	$ -		$ 1,200	$ 7,056
Hickory Basin	161210					$ 5,304	$ 1,000		$ 1,200	$ 7,504
Hickory Force Main	161230					$ 456	$ -		$ 1,200	$ 1,656
Jurupa Basin & Pump Works	161211					$ 9,312	$ -		$ 1,200	$ 10,512
Jurupa Force Main	161212						$ -		$ 1,200	$ 1,200
Lower Day Basin	161213	$ 300,000		$ 2,000		$ 6,828	$ -	$ 15,000	$ 1,200	$ 325,028
Montclair Basins	161214						$ -		$ 1,200	$ 1,200
RP3 Basins	161215	$ 300,000		$ 2,000		$ 12,348	$ 10,000	$ 15,000	$ 1,200	$ 340,548
San Sevaine Basins 1 thru 4	161216	$ 300,000				$ 31,200	$ 10,000	$ 15,000	$ 1,200	$ 357,400
San Sevaine Basins 5	161216						$ -		$ 1,200	$ 1,200
Turner Basins 1 & 2	161217					$ 15,420	$ 15,000		$ 1,200	$ 31,620
Turner Basins 3 & 4	161217					$ 456	$ 15,000		$ 1,200	$ 16,656
Upland Basin	161219					$ 750	$ -		$ 1,200	$ 1,950
Victoria Basin	161220					$ 7,656	$ 10,000		$ 1,200	$ 18,856
Wineville	161236					$ 10,000	$ 10,000			$ 20,000
Rubber Dams	161234									$ -
SCADA System	161240							$ 60,000	$ 40,000	$ 100,000
MWD Turnouts	161218					$ 1,368				$ 1,368
	by basin									
CBFIP Mitigation (RP3 Habitat)	161233	$ 10,000						$ 7,000		$ 17,000
Environmental Support					$ 40,000					$ 40,000
Subtotals		**$ 910,000**	**$ -**	**$ 4,000**	**$ 40,000**	**$ 156,438**	**$ 116,000**	**$ 112,000**	**$ 64,000**	**$ 1,402,438**

CHINO BASIN WATERMASTER

ADVISORY COMMITTEE

March 20, 2025

INLAND EMPIRE UTILITIES AGENCY REPORTS

The following items are provided for receive and file.

- Metropolitan Water District Activities Report
- Water Supply Conditions
- State and Federal Legislative Reports

IEUA's Summary on Metropolitan Water District of Southern California (MWD) Board Activities

Submitted March 2025

For More Information Contact:

Eddie Lin

elin@ieua.org

909.993.1740

See www.MWDh2o.com for the latest information from MWD and tune into livestream broadcasts of meetings.

MWD Improves Cyber Security

On February 10th, the MWD Engineering, Operations, & Technology Committee authorized a 3-year agreement with Computer Aid, Inc. for support services for MWD's Cybersecurity Operations Center. This includes active monitoring, 24 hours a day, 7 days a week, 365 days a year. This additional monitoring will be conducted by onsite Computer Aid, Inc. cyber analysts.

MWD Authorizes General Manager to Execute State Water Project Transfers

On February 10th, the MWD One Water & Stewardship Committee authorized the General Manager to execute transfers, exchanges, and other State Water Project (SWP) management transactions during 2025 and 2026. Delegating the authority to the General Manager to execute agreements to purchase and sell SWP supplies will allow MWD to efficiently respond to changing hydrologic and market conditions to better manager both shortage and surplus conditions and generate new revenue. It is assumed that the sale of excess SWP water could generate up to $120 million in revenue, while the purchase of supplemental SWP could cost up to $50 million over the next two calendar years.

MWD Provides Update on Business Model Refinement Process

On February 26th, the MWD Subcommittee on Long-Term Regional Planning Processes and Business Modeling (LTRPP) provided an update on the MWD business model refinement process. An ad hoc working group including 26 member agencies and MWD staff was formed and have been meeting regularly to explore three aspects of the MWD business model: finance, water resources, and engineering. It is expected that recommendations from the working group will be presented to the MWD LTRPP on March 26th, 2025.

MWD Provides Update on High Desert Water Bank

On February 10th, the MWD One Water & Stewardship Committee provided an update on the Antelope Valley-East Kern (AVEK) Water Bank. The AVEK Water Bank allows for storage of up to 280,000 Acre-feet of SWP or other supplies in an Antelope Valley basin account designated for MWD. In April 2019, MWD authorized up to $131 million in capital cost funding which was later amended to $211 million to account for changes in water quality and recharge/recovery performance. It was determined that arsenic treatment may be required and MWD is now exploring a partnership with the Los Angeles Department of Water and Power (LADWP) to treat arsenic at the Fairmont Sedimentation Plant. A memorandum of agreement between LADWP and MWD is currently being drafted.

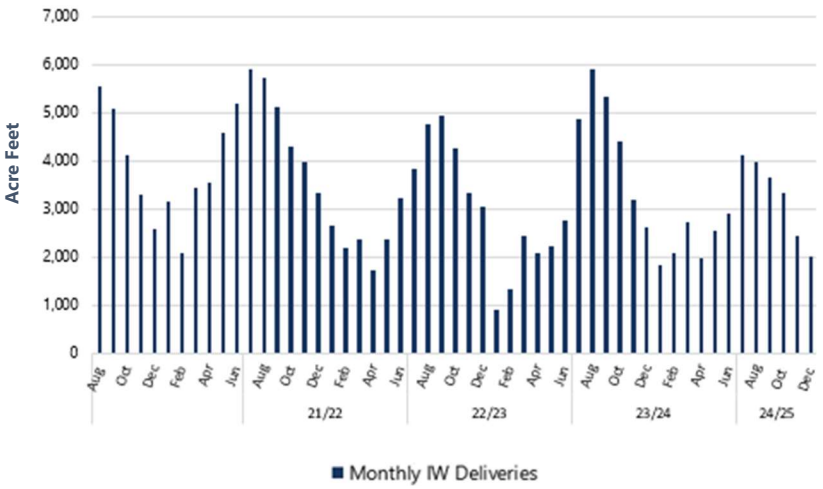
AVEK High Desert Water Bank

GENERAL MANAGER'S REPORT

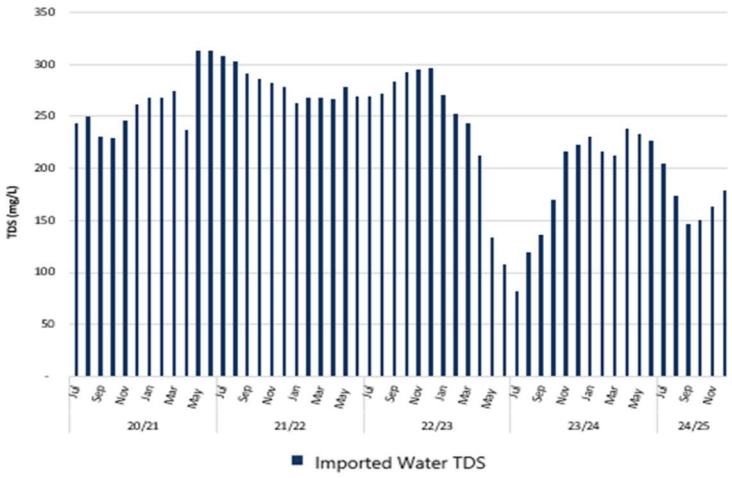
FEBRUARY 2025

Imported Water

Full Service Imported Water Deliveries Summary (FY 2020/21 to 2024/25)

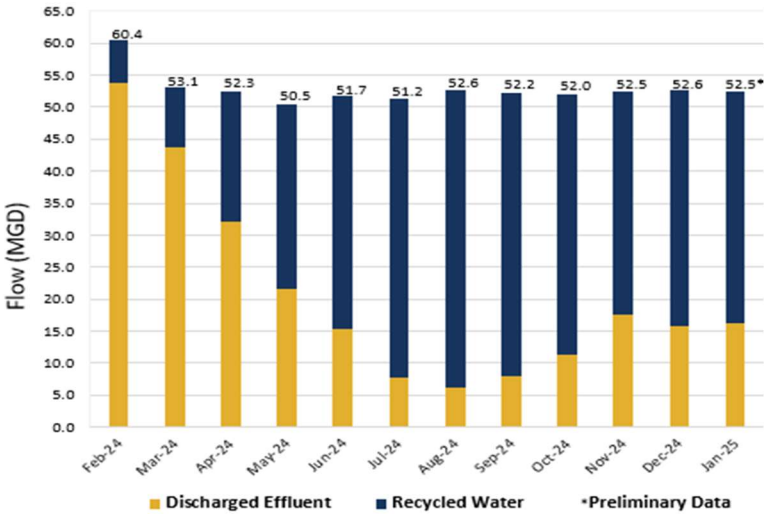


Imported Water TDS Summary (FY 2020/21 to 2024/25)

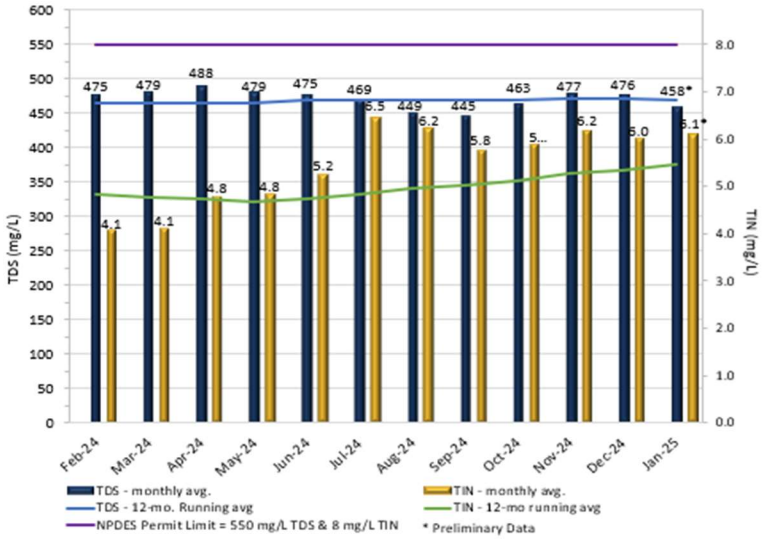


Recycled Water

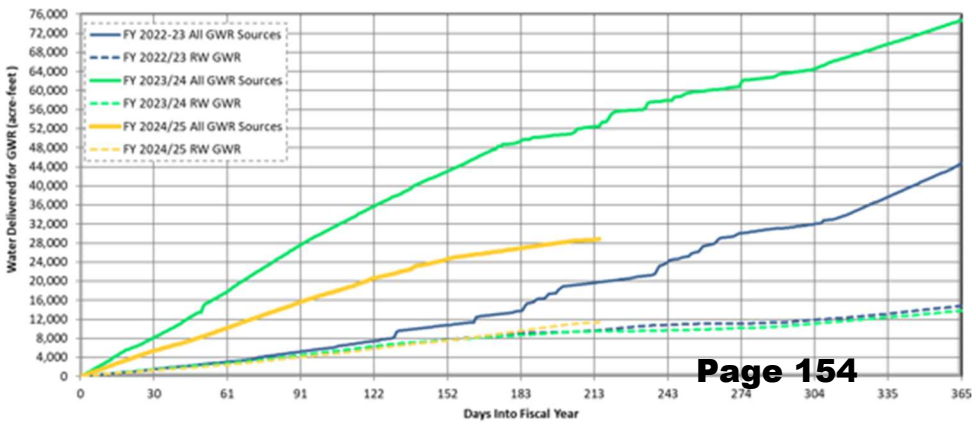
Discharged Effluent & Recycled



Agency-Wide Effluent TDS & TIN



Groundwater Recharge



JANUARY 2025 NOTES:

- Total stormwater and dry weather flow recharged was preliminarily estimated at 500 acre-feet.
- Recycled water delivered for recharge totaled 1,748 acre-feet.
- There was no imported water recharged in the Chino Basin.
- Chino Basin Watermaster removed 1.5% for evaporation losses from delivered supplemental water sources (imported water and recycled water).
- Considering evaporation losses, total recharge was preliminarily estimated at 2,221 acre-feet.

The Metropolitan Water District of Southern California's

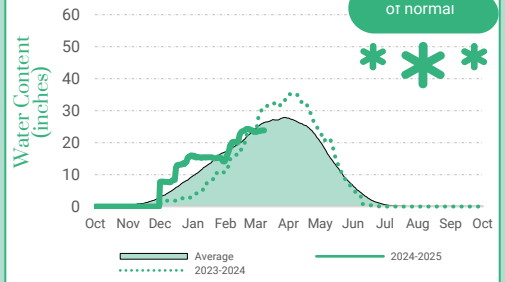
Water Supply Conditions Report (WSCR)

Water Year 2024-2025
As of: 03/09/2025

State Water Project

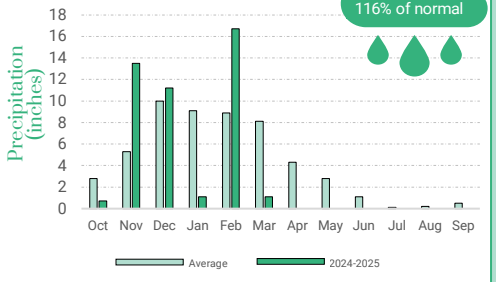
Northern Sierra Snow

97% of normal



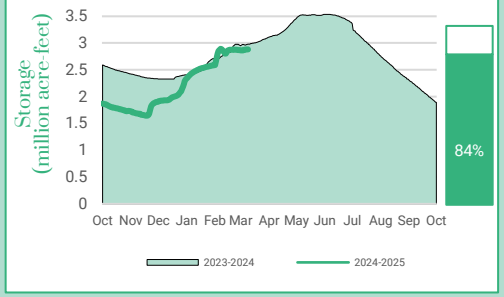
8 Station Index Rain

44.3 in
116% of normal



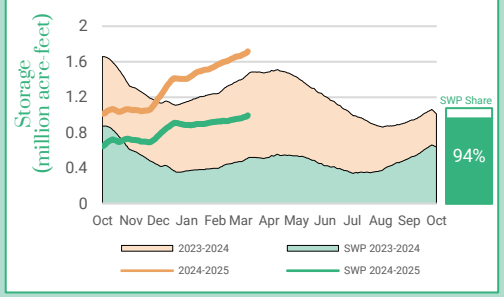
Lake Oroville

(Capacity: 3.42 million acre-feet)
Current Storage: 2.88 MAF



San Luis Reservoir

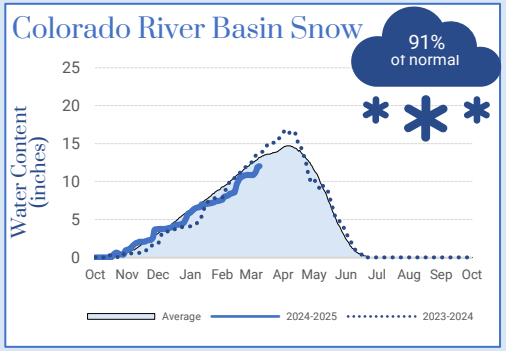
(Capacity: 2.04 million acre-feet)
Current SWP Storage: 995 TAF



Colorado River

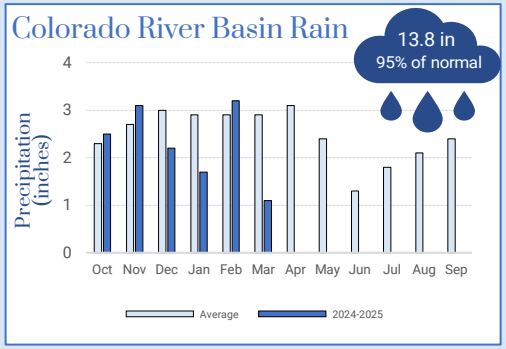
Colorado River Basin Snow

91% of normal



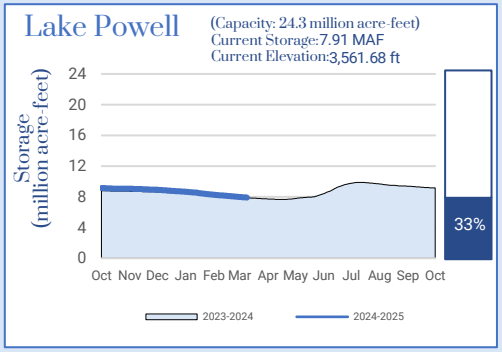
Colorado River Basin Rain

13.8 in
95% of normal



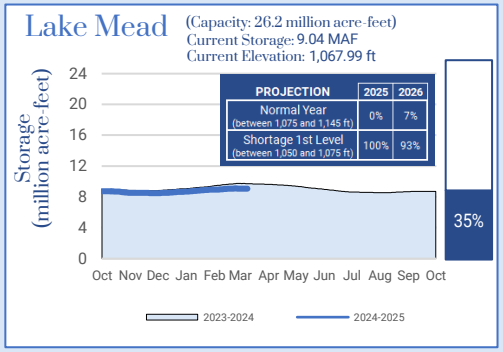
Lake Powell

(Capacity: 24.3 million acre-feet)
Current Storage: 7.91 MAF
Current Elevation: 3,561.68 ft



Lake Mead

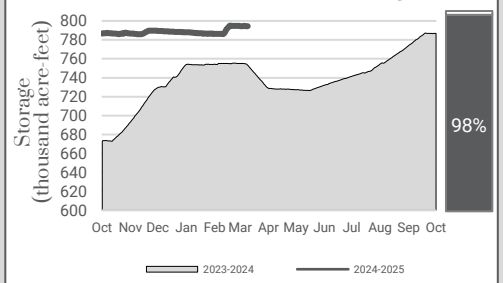
(Capacity: 26.2 million acre-feet)
Current Storage: 9.04 MAF
Current Elevation: 1,067.99 ft



Metropolitan

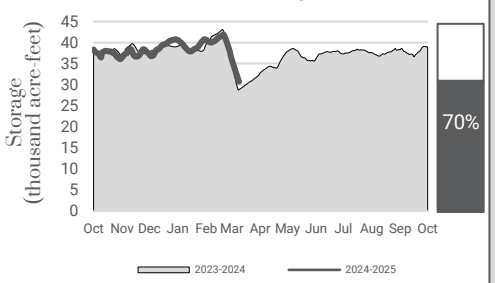
Diamond Valley Lake

(Capacity: 810,000 acre-feet)
Current Storage: 794 TAF



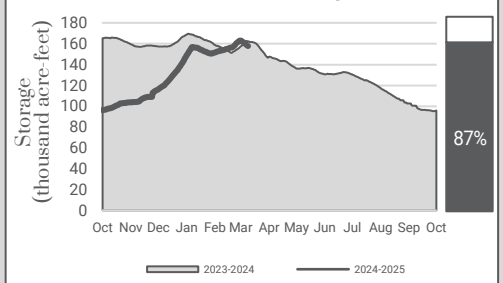
Lake Skinner

(Capacity: 44,000 acre-feet)
Current Storage: 31 TAF



Lake Mathews

(Capacity: 182,000 acre-feet)
Current Storage: 158 TAF



2025 State Water Project Allocation

35%
of Table A

(Third increase from the initial allocation)

https://www.mwdh2o.com/WSCR

Inland Empire Utilities Agency, a Municipal Water District Federal Update

February 26, 2025

Appropriations Update

With roughly two weeks left until the expiration of the current Continuing Resolution (CR) on March 14th, House and Senate Appropriators are still working to find a path forward for the Fiscal Year (FY) 2025 appropriations bills. However, it is becoming increasingly likely that Congress will need to pass another CR to avoid a government shutdown, as bipartisan funding negotiations remain stalled. Negotiations have been hampered by Democrats' concerns that President Trump might block the disbursement of funds included in any final agreement. Even if a top-line deal is reached, appropriators will need additional time to finalize the 12 full-year spending bills, making it unlikely they will be completed before mid-March. Given these challenges, Congress may resort to a CR that extends current funding levels for the remainder of FY25, limiting agencies' ability to launch new initiatives or modify existing programs.

Looking ahead to Fiscal Year 2026, House Appropriations Chair Tom Cole (R-OK) has announced that the committee will begin marking up appropriations bills in April. Many Members of Congress are already moving forward with the request process, accepting proposals for programmatic funding, report language, and community project funding (earmarks). Meanwhile, the Senate Appropriations Committee has not yet announced its schedule for the FY26 appropriations process.

House and Senate Pass Separate Budget Resolutions

The House and Senate are advancing competing budget resolutions, both aiming to further the President's agenda. Tuesday evening, the House passed its budget resolution (**H. Con. Res. 14**) which includes $4.5 trillion in tax cuts and over $1.5 trillion in spending reductions. Earlier this month, the Senate passed its own budget resolution (**S. Con. Res. 7**), focusing on border security, defense, and energy spending but excluding an extension of the 2017 tax cuts. The House and the Senate will now need to come together to reconcile the differences in their resolutions.

Federal Employee Reductions

The Department of Government Efficiency (DOGE) has overseen widespread staff reductions across multiple federal agencies, citing efforts by the Administration to streamline government operations and reduce spending. These layoffs, which have affected both career and probationary employees, span across all departments and agencies, including some independent federal agencies, totaling about 30,000 federal workers to date. There are growing concerns that

additional job cuts could further disrupt government services, particularly those that support local governments.

Trump Cabinet Nominations

The Senate continues to work through confirming President Trump's cabinet secretaries. The chart below details approval votes for confirmed nominees and the acting officials for pending nominations.

Dept/Agency	Position	Nominee	Confirmation
Agriculture	Secretary	Brooke Rollins	2/13 by a vote of 72-28
Commerce	Secretary	Howard Lutnick	2/18 by a vote of 51-45
Defense	Secretary	Pete Hegseth	1/24 by a vote of 51-50
Education	Secretary	Linda McMahon	*pending*
Energy	Secretary	Chris Wright	2/3 by a vote of 59-38
Health & Human Services	Secretary	Robert F. Kennedy, Jr.	2/13 by a vote of 52-48
Homeland Security	Secretary	Kristi Noem	1/25 by a vote of 59-34
Housing & Urban Development	Secretary	Scott Turner	2/5 by a vote of 55-45
Interior	Secretary	Doug Burgum	1/30 by a vote of 79-18
Justice	Attorney General	Pam Bondi	2/4 by a vote of 54-46
Labor	Secretary	Lori Chavez-DeReemer	*pending*
State	Secretary	Marco Rubio	1/21 by a vote of 99-0
Transportation	Secretary	Sean Duffy	1/28 by a vote of 77-22
Treasury	Secretary	Scott Bessent	1/27 by a vote of 68-29
Veterans Affairs	Secretary	Doug Collins	2/4 by a vote of 77-23
Central Intelligence Agency	Director	John Ratcliffe	1/23 by a vote of 74-25
Environmental Protection Agency	Administrator	Lee Zeldin	1/29 by a vote of 56-42
Office of Management and Budget	Director	Russel Vought	2/6 by a vote of 53-47
Office of National Intelligence	Director	Tulsi Gabbard	2/12 by a vote of 52-48

Trump Administration Appointments

President Trump and his Cabinet officials announced the below political appointees during February.

Dept/Agency	Position	Appointee
Energy	Administrator of the Energy Information Administration	Tristan Abbey

Energy	Assistant Secretary for Energy Efficiency and Renewable Energy	Audrey Robertson
EPA	Assistant Administrator, Office of Air and Radiation	Aaron Szabo
EPA	Assistant Administrator, Office of Water	Jessica Kramer
Interior	Assistant Secretary for the Office of Water and Science	Andrea Travnicek
Interior	Director of the Fish and Wildlife Service	Brian Nesvik

LEGISLATIVE ACITIVITY AND COMMITTEE ASSIGNMENTS

Senate EPW Passes Brownfields Reauthorization and Recycling Bills. On February 5th, the Senate Committee on Environment and Public Works (EPW) unanimously passed two bills:

- *Brownfields Reauthorization Act of 2025* (**S. 347**). This bill reauthorizes EPA's Brownfields Program through FY30 and streamlines the application process to ease the burden for smaller and underserved communities seeking cleanup resources.
- *Strategies to Eliminate Waste and Accelerate Recycling Development (STEWARD) Act* (**S. 351**). This legislation would establish the Recycling Infrastructure and Accessibility Program at EPA to expand and improve recycling access in underserved communities by authorizing infrastructure improvements and public-private partnerships. It would also establish standardized data metrics for recycling and composting data to assess and improve waste management systems nationwide.

House Members Reintroduce Bipartisan Water Systems PFAS Liability Protection Act. Representatives Marie Gluesenkamp-Perez (D-WA) and Celeste Maloy (R-UT) reintroduced the *Water Systems PFAS Liability Protection Act* (**H.R. 1267**). The legislation would provide guardrails to protect water and wastewater agencies from liabilities related to the EPA CERCLA hazardous substances designation. The bill was referred to the Committees on Energy and Commerce and Transportation and Infrastructure for consideration.

CONGRESSIONAL LETTERS

Senate EPW Democrats Request Answers from DOT on NEVI Cuts. Democratic members of the Senate Environment and Public Works Committee (EPW) **sent a letter** to Secretary of Transportation Sean Duffy to request answers as to why DOT cut off funding for the National Electric Vehicle Infrastructure (NEVI) Formula Program. The program provides funding to states for installing public zero-emission vehicle charging stations.

Reps. Huffman and Larsen Seek Answers on Unscheduled California Water Releases. Representatives Jared Huffman (D-CA), Ranking Member of the House Natural Resources Committee, and Rick Larsen (D-WA), Ranking Member of the House Transportation and

Infrastructure Committee, **sent a letter** to Defense Secretary Pete Hegseth and Interior Secretary Doug Burgum seeking answers on the US Army Corps of Engineers' unscheduled release of water from Terminus Dam and Schafer Dam in California's Central Valley.

FEDERAL AGENCY ANNOUNCEMENTS

FHWA Suspends Approval of State EV Infrastructure Deployment Plans. On February 6, the Federal Highway Administration (FHWA) **issued a memo** instructing state transportation directors to suspend all new obligations under the National Electric Vehicle Infrastructure program, pending a policy review by the Department of Transportation's new leadership. This suspension halts the approval of state EV infrastructure deployment plans and the allocation of new funds, though reimbursements for existing projects will continue to prevent financial disruptions. The NEVI program, established under the Infrastructure Investment and Jobs Act (IIJA), allocated $5 billion for the strategic deployment of EV chargers.

##

West Coast Advisors
Strategic Public Affairs

February 26, 2025

To: Inland Empire Utilities Agency

From: Michael Boccadoro
Beth Olhasso

RE: February Report

Overview:
Precipitation has been in an on/off cycle as the state moves closer to Spring. Electronic snow survey data shows the statewide snowpack down from 131 percent of average for this time of year at the end of December, to 88 percent of normal at the end of February and 73 percent of April 1 average. As the snow is melting during warmer stretches in Northern California, much is making its way into storage, allowing reservoirs to increase capacity over the past month even as many are releasing water to handle significant inflow. Lake Oroville is sitting at 84 percent capacity, 131 percent of normal; Lake Shasta is sitting at 77 percent of capacity, 109 percent of average; and San Luis Reservoir is at 81 percent of capacity, 102 percent average for this time of year. Shasta and Oroville released approximately two million acre-feet during the February 1-18 atmospheric river events.

Recently, Governor Newsom sent a letter to the State Water Resources Control Board supporting the Delta Conveyance Project generally, and specifically urging the Board to grant the petition to amend water rights permits to accommodate the proposed Delta Conveyance Project.

Prior to the end of the Biden Administration, the California Air Resources Board withdrew their request for Clean Air Act waiver for the state's Advanced Clean Fleets regulations. CARB has recently said that they believe they have the authority to implement and enforce the state and local government clean fleets rule. Statewide associations in Sacramento are organizing around efforts to advocate for state and local governments with the Air Board, administration and legislature.

The Legislative Analyst's Office (LAO) recently reported that the revenue is likely $4.4 billion above the Governor's Budget projections for 2024-25 and $2.4 billion above for 2025-26, with possible personal income tax gains offsetting weakness in corporation and sales taxes.

2,350 bills have been introduced for the 2025 legislative session. 2025 looks to be a busy year legislatively for water, wastewater, and recycled water. Legislation has been introduced on low-income rate assistance (LIRA), recycled water, PFAS, wastewater surveillance, and ensuring adequate water flows during fire events. Many "spot bills" will start to get flushed out over the next weeks and months with the deadline for bills to get out of policy committee on May 2.

Inland Empire Utilities Agency
Status Report – February 2025

Water Supply Conditions

The statewide snowpack is rebounding after a dry spell. The statewide snowpack is at 88 percent percent of average for this time of year and 73 percent of April 1 average. The runoff is getting captured with Lake Oroville sitting at 131 percent of average, 84 percent capacity; Shasta at 109 percent average, 77 percent capacity; and San Luis Reservoir at 102 percent average, and 81 percent capacity. Recent storms have helped drought conditions in Southern California, but more of the state remains in dry or drought conditions for this time of the year.

NORTH	
Data as of February 24, 2025	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	24.3
Percent of April 1 Average (%)	93
Percent of normal for this date (%)	113

CENTRAL	
Data as of February 24, 2025	
Number of Stations Reporting	53
Average snow water equivalent (Inches)	19.7
Percent of April 1 Average (%)	71
Percent of normal for this date (%)	85

SOUTH	
Data as of February 24, 2025	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	13.5
Percent of April 1 Average (%)	58
Percent of normal for this date (%)	69

STATE	
Data as of February 24, 2025	
Number of Stations Reporting	105
Average snow water equivalent (Inches)	19.3
Percent of April 1 Average (%)	73
Percent of normal for this date (%)	88

Governor Sends Letter Supporting Delta Conveyance
Recently, Governor Newsom sent a letter to the State Water Resources Control Board outlining why granting the petition to amend water rights permits to accommodate the proposed Delta Conveyance Project would be in the public interest.

The letter begins noting he and the previous two Governors have supported a Delta conveyance project because California's prosperity depends on it. The State Water Project has made it possible for California to evolve into the economic powerhouse it has become.

"The local water agencies that pay for the State Water Project are diversifying their water sources and getting increasingly efficient, but they cannot fully replace foundational State Water Project deliveries that supply nearly half the water people use in the South Bay, Central Coast, San Joaquin Valley, and Southern California. Some water districts in those regions depend entirely on State Water Project supplies," the letter states.

Governor Newsom notes that the impacts of climate change will bring thirsty plants, drier soils, and a warmer atmosphere which will, in turn, cause annual deliveries from the State Water Project to decline. At the same time, the intensity of the largest storms is increasing. "We must adapt. New infrastructure could ameliorate the decline in State Water Project supplies by capturing excess flow from big but infrequent storms. That is one of the many key benefits of the Delta Conveyance Project: It would increase the opportunities to save storm runoff for drier times."

The current iteration of the project has a reduced footprint and avoids or reduces the effects of noise, air quality, traffic, power, and land use, among others.

"The proposal before you has been thoughtfully refined to protect the environment, fisheries, ecosystems, water quality, and water supply. We share the task of balancing public trust, resources, and the many beneficial uses of water. I have considered the Delta Conveyance Project carefully and am convinced that the reach of the State Water Project and the essential nature of water make it the most important climate adaptation project we can undertake for future Californians. I urge you to weigh this compelling public interest carefully when considering DWR's petitions."

Environmental and Tribal groups are criticizing claims by Governor Newsom. The Delta Tribal Environmental Coalition (DTEC) says that the DCP is the complete opposite of a project that has been "refined to protect the environment, fisheries, ecosystems, water quality and water supply" but rather a project that will further decimate the Delta.

They claim operation of the DCP will reduce the monthly average water flow to the Delta in nearly all months, especially in drought, and even in wet years. Given current insufficient flows have led to an ecological crisis in the Delta, further reductions in water flow will cause inevitable and unreasonable harm to fish and wildlife and to other beneficial uses that impact communities throughout Northern California. Reducing freshwater flows and further starving the estuary is not a "compelling public interest" as noted in the letter by Governor Newsom.

Advanced Clean Fleets Rule Update
As discussed in previous reports, California Air Resources Board (CARB) had asked U.S. EPA for waivers under the Clean Air Act (CAA) to finalize several regulations including the Advanced Clean Fleets (ACF), which would require agencies such as IEUA to transition to zero emission trucks and vehicles.

In the waning days of the Biden Administration, CARB decided to pull their waiver request. While the Biden Administration was likely eager to approve such a request, many believe that CARB and EPA didn't have enough time to build a case that would stand up in court. Unwilling to lose a court challenge, CARB thought retreat was best.

While the Trump Administration is attempting to pull back waivers that the Biden Administration granted, CARB believes they have the authority and to plan to "implement and enforce" state and local government fleet regulations.

Coordinated efforts in Sacramento have commenced to push back on the state and local government requirements. Statewide associations are working on regulatory and legislative efforts to walk back the regulations.

Legislative Analyst's Office Offers Rosy Revenue Outlook
The Legislative Analyst's Office (LAO) suggests the possibility of revenues being $4.4 billion above the Governor's Budget projections for 2024-25 and $2.4 billion above for 2025-26, with possible personal income tax gains offsetting weakness in corporation and sales taxes, relative to the administration's most recent forecasts.

For several reasons, these higher revenues will improve the near-term "bottom line" of the state budget by a much smaller net amount, if any. In most years, 40% or more of increased revenues must go to school spending, and other funds must go to reserves. For the 2025-26 budget, in particular, higher revenues may allow lower planned withdrawals from the state's rainy day fund, especially in light of future projected deficits and threats of major federal cuts. In addition, pursuant to SB 175 (2024), certain temporary tax increases in the 2024 budget plan may not apply for taxable years in which the Director of Finance determines that General Fund money over the multiyear forecast is sufficient without those increases, and there is language in the annual budget act not applying those provisions.

The LAO says, "the surge appears linked to the strength of the stock market," which "has boosted the earnings of high-income Californians and, in turn, income tax collections." The office again questions whether the recent stock market is sustainable, but notes that "similar observations could have been made in 1998, but the stock market and the state continued to experience a boom for two more years." "Stubbornly elevated inflation further complicates this picture," LAO analysts write, adding this "also poses a risk for the continued strength of the stock market."

Legislative Update
There have been 2,350 bills introduced for the 2025 legislative session, which is about 200 more than 2024, but 300 less than 2023. Bills have to be in print for 30 days before they can be heard

in committee, but hearings are starting to get scheduled for those bills introduced in December and early January. Bills have until May 2 to make it out of policy committees.

WCA and IEUA staff are still analyzing all the bills introduced by the February 21 bill introduction deadline, but 2025 looks to be a busy year for the water, wastewater, and recycled water community in terms of legislation.

Low-Income Rate Assistance: Several bills have been introduced to establish low-income rate assistance programs at all retail water agencies.
AB 532 (Ransom) is CA Municipal Utilities Agencies proposal to establish voluntary LIRA programs. SB 350 (Durazo) is the environmental justice community bill to mandate LIRA programs at water and wastewater agencies.

Water Supply: California Municipal Utilities Association and Western Municipal Water District have reintroduced SB 366 (Caballero), their legislation to add new requirements into the CA Water Plan to set volumetric targets for new water supply as **SB 72 (Caballero)**. They believe they have removed the concerns of the SWRCB, which was the stated reason the bill was vetoed last session.

Recycled Water: WateReuse CA has introduced **SB 31 (McNerney)** to make some long-overdue updates to Title 22 of the CA Code of Regulations. IEUA staff has been instrumental in helping develop the legislation that would, among other things, codify how an "unauthorized discharge" of recycled water is treated by Regional Boards.

PFAS: The CA Association of Sanitation Agencies has reintroduced their PFAS source control bill that would ban the use of any intentionally added PFAS to products, **SB 682 (Allen)**. The bill hit a roadblock last year with the CA Manufacturers and Technology Association who worked to load costs into the bill to get it held in Appropriations Committee.

Additionally, ACWA and the League of CA Cities have introduced **SB 454 (McNerney)** that would establish a PFAS mitigation fund. Though the bill does not yet have a funding source.

Water Supplies for Wildfire Fighting: There has been significant discussion about water system design and if municipal water systems should be better engineered to tackle the types of wildfire/wind scenarios that were present in early January. **SB 367 (Bennett)** is a bill that only pertains to Ventura County at the moment, but is rumored to be expanded statewide.

SB 317 (Hurtado) would require "wastewater surveillance" at one point in each county. While this is not a spot bill, the details still need to be worked out.

SB 394 (Allen) is ACWA and Las Virgenes MWD's bill to increase penalties for water theft from fire hydrants.

As more bills take shape WCA and IEUA staff will provide updates.

Recharge Investigation and Projects Committee (Project 23a Status) (Information Item IV.)

Project Status: Wineville/Jurupa/RP3 Basin Improvements

Budget:

- Authorized capital budget: $28,846,016

Available Funding:

- $15.4 M in SRF Loan at 0.55%
- $10.8 M is State and Federal Grants

Progress:

- Construction with MNR is 97% completed
- Overall construction is 85% completed (March 2026) **Pendin**

Completion:

- Electrical wiring
- Control Programming
- Rubber Dam
- Procuring and installation of Pumps

Current Activities:

- Installation of remaining 30-inch pipeline completed
  - Pressure testing on new pipeline passed
- Final electrical wiring nearing completion
  - Finalize installation and connection of electrical panel and new radio system
- Installation of Rubber Dam nearing completion
  - Completed all rubber dam air piping
  - Finished installation of rubber dam in the channel
  - Working on electrical wiring
- Procuring and installation of Pumps
  - Pre-qualified two suppliers
  - Waiting for initial pump submittals
  - See progress schedule for the pumps

Progress Schedule for the Pumps

TASK	PROGRESS	START	END
Prepare Solicitation Documents		**06-Jun-24**	**11-Nov-24**
Draft Documents	100%	06-Jun-24	22-Aug-24
Review Documents	100%	23-Aug-24	28-Aug-24
Finalize Documents	100%	29-Aug-24	11-Nov-24
Request for Qualification of Pump Suppliers		**19-Nov-24**	**14-Jan-25**
Enter into PlanetBids	100%	19-Nov-24	19-Nov-24
Solicitation (Q&A Period)	100%	20-Nov-24	12-Dec-24
Final Week of Solicitation for RFQ	100%	16-Dec-24	19-Dec-24
Close Solicitation for RFQ (milestone)	100%	19-Dec-24	19-Dec-24
Review Responses to the RFQ	100%	20-Dec-24	13-Jan-25
Notify Prequalified Suppliers (milestone)	100%	14-Jan-25	14-Jan-25
Request for Proposal of Prequalified Suppliers		**14-Jan-25**	**14-May-25**
Prequalified Supplier Draft Initial Submittal and Pricing	100%	14-Jan-25	13-Feb-25
Receive Initial Submittal (milestone)	100%	13-Feb-25	13-Feb-25
Review Initial Submittal	100%	13-Feb-25	27-Feb-25
Prequalified Supplier Draft Final Submittal	20%	28-Feb-25	21-Mar-25
Receive Final Submittal (milestone)	0%	21-Mar-25	21-Mar-25
IEUA Reviews Final Submittal to Decide Pump Supplier	0%	24-Mar-25	07-Apr-25
Board of Directors' Authorization of Purchase Order (milestone)	0%	14-May-25	14-May-25
Pump Fabrication/Installation/Testing/ Close-out		**15-May-25**	**12-Feb-26**
Fabrication (22 weeks)	0%	15-May-25	16-Oct-25
Delivery	0%	16-Oct-25	30-Oct-25
Installation	0%	30-Oct-25	29-Dec-25
Testing	0%	29-Dec-25	29-Jan-26
Close Out	0%	29-Jan-26	12-Feb-26