

# CHINO BASIN WATERMASTER



## NOTICE OF MEETINGS

**Thursday, May 8, 2025**

9:00 a.m. – Appropriative Pool Committee Meeting  
11:00 a.m. – Non-Agricultural Pool Committee Meeting  
1:30 p.m. – Agricultural Pool Committee Meeting

**CHINO BASIN WATERMASTER  
APPROPRIATIVE POOL COMMITTEE MEETING**

9:00 a.m. May 8, 2025

*Mr. Chris Diggs, Chair*

*Mr. Chris Berch, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

*(Call can 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 Appropriative Pool Committee Meeting held on April 10, 2025 (*Page 1*)

**B. FINANCIAL REPORTS**

Receive and file as presented:

Monthly Financial Report for the Period Ended March 31, 2025 (*Page 14*)

**C. APPLICATION: WATER TRANSACTION – 1,000 AF SANTA ANA RIVER WATER COMPANY TO FONTANA WATER COMPANY (*Page 29*)**

Provide advice and assistance to the Advisory Committee on the proposed transaction.

**D. AGRICULTURAL POOL COMMITTEE LEGAL COUNSEL INVOICE FOR MARCH 2025 SERVICES**

Approve Egoscue Law Group, Inc. Invoice #14793 dated April 01, 2025, in the amount of \$15,900.00 for services performed during March 2025.

**II. BUSINESS ITEMS**

**A. WATERMASTER FISCAL YEAR 2025/26 PROPOSED BUDGET (*Page 36*)**

Recommend Advisory Committee approval of the Watermaster Fiscal Year 2025/26 Proposed Budget as presented.

**B. CONSIDERATION OF THE SCOPE OF WORK FOR THE PEER REVIEW ENGAGEMENT OF THE 2025 SAFE YIELD REEVALUATION TECHNICAL RESULTS (*Page 148*)**

Provide advice and assistance to Watermaster on the Scope of Work for the Peer Review engagement of the 2025 Safe Yield Reevaluation Technical Results as presented.

**C. APPLICATION: LOCAL STORAGE AGREEMENT (ONAP) (Page 155)**

Provide advice and assistance to the Advisory Committee on the proposed agreement.

**III. REPORTS/UPDATES**

**A. WATERMASTER LEGAL COUNSEL**

1. June 6, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of Semi-Annual OBMP Status Report 2024-2; 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, et al v. LS-Fontana LLC (San Bernardino Superior Court); Inland Empire Utilities Agency et al v. LS-Fontana LLC (C.D. Cal Case No.: 5:25-cv-00809)

**B. ENGINEER**

1. Annual Report and Meeting for the PBHSP
2. State of the Basin Report

**C. GENERAL MANAGER**

1. Other

**IV. INFORMATION**

**A. RECHARGE INVESTIGATION AND PROJECTS COMMITTEE (PROJECT 23a STATUS) (Page 163)**

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION – POSSIBLE ACTION**

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

**VIII. FUTURE MEETINGS AT WATERMASTER**

05/08/25	Thu	9:00 a.m.	Appropriative Pool Committee
05/08/25	Thu	11:00 a.m.	Non-Agricultural Pool Committee
05/08/25	Thu	1:30 p.m.	Agricultural Pool Committee
05/14/25	Wed	2:00 p.m.	Prado Basin Habitat Sustainability Committee (PBHSC)
05/15/25	Thu	9:00 a.m.	Advisory Committee
05/22/25	Thu	9:30 a.m.	Watermaster Orientation*
05/22/25	Thu	11:00 a.m.	Watermaster Board
05/27/25	Tue	9:00 a.m.	Groundwater Recharge Coordinating Committee (Held at CBWCD Office)

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

**ADJOURNMENT**

**CHINO BASIN WATERMASTER  
NON-AGRICULTURAL POOL COMMITTEE MEETING**

11:00 a.m. May 8, 2025  
*Mr. Brian Geye, Chair*  
*Mr. Bob Bowcock, Vice-Chair*  
**At The Offices Of**  
**Chino Basin Watermaster**  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**AGENDA – ADDITIONS/REORDER**

**SAFETY MINUTE**

**I. BUSINESS ITEMS – ROUTINE**

**A. MINUTES**

Receive and File:

Minutes of the Non-Agricultural Pool Committee Meeting held on April 10, 2025 (*Page 5*)

**B. FINANCIAL REPORTS**

Receive and file as presented:

Monthly Financial Report for the Period Ended March 31, 2025 (*Page 14*)

**C. APPLICATION: WATER TRANSACTION – 1,000 AF SANTA ANA RIVER WATER COMPANY TO FONTANA WATER COMPANY (*Page 29*)**

Provide advice and assistance to the Advisory Committee on the proposed transaction.

**II. BUSINESS ITEMS**

**A. WATERMASTER FISCAL YEAR 2025/26 PROPOSED BUDGET (*Page 36*)**

Recommend Advisory Committee approval of the Watermaster Fiscal Year 2025/26 Proposed Budget as presented.

**B. CONSIDERATION OF THE SCOPE OF WORK FOR THE PEER REVIEW ENGAGEMENT OF THE 2025 SAFE YIELD REEVALUATION TECHNICAL RESULTS (*Page 148*)**

Provide Advice and Assistance to Watermaster on the Scope of Work for the Peer Review engagement of the 2025 Safe Yield Reevaluation Technical Results as presented.

**C. APPLICATION: LOCAL STORAGE AGREEMENT (ONAP) (*Page 155*)**

Provide advice and assistance to the Advisory Committee on the proposed agreement.

**D. MEMBER STATUS CHANGES**

1. Any proposed transfer of Safe Yield by a Member.
2. Any transfer of Safe Yield that has actually closed or been completed.
3. Any change in name or corporate identity of a Member (such as results from a merger or filing of a change of name certificate).
4. Any change in the name of a representative or alternate representative of a Member, or a change in e-mail address for either such person.



**III. REPORTS/UPDATES**

**A. WATERMASTER LEGAL COUNSEL**

1. June 6, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of Semi-Annual OBMP Status Report 2024-2; 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, et al v. LS-Fontana LLC (San Bernardino Superior Court); Inland Empire Utilities Agency et al v. LS-Fontana LLC (C.D. Cal Case No.: 5:25-cv-00809)

**B. ENGINEER**

1. Annual Report and Meeting for the PBHSP
2. State of the Basin Report

**C. GENERAL MANAGER**

1. Other

**IV. INFORMATION**

**A. RECHARGE INVESTIGATION AND PROJECTS COMMITTEE (PROJECT 23a STATUS) (Page 163)**

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

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05/22/25	Thu	9:30 a.m.	Watermaster Orientation*
05/22/25	Thu	11:00 a.m.	Watermaster Board
05/27/25	Tue	9:00 a.m.	Groundwater Recharge Coordinating Committee (Held at CBWCD Office)

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

**ADJOURNMENT**

**CHINO BASIN WATERMASTER  
AGRICULTURAL POOL COMMITTEE MEETING**

1:30 p.m. May 8, 2025  
*Mr. Bob Feenstra, Chair*  
*Mr. Jeff Pierson, Vice-Chair*  
**At The Offices Of**  
**Chino Basin Watermaster**  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**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 Agricultural Pool Committee Meeting held on April 10, 2025 (*Page 8*)

**B. FINANCIAL REPORTS**

Receive and file as presented:

Monthly Financial Report for the Period Ended March 31, 2025 (*Page 14*)

**C. APPLICATION: WATER TRANSACTION – 1,000 AF SANTA ANA RIVER WATER COMPANY TO FONTANA WATER COMPANY (*Page 29*)**

Provide advice and assistance to the Advisory Committee on the proposed transaction.

**II. BUSINESS ITEMS**

**A. WATERMASTER FISCAL YEAR 2025/26 PROPOSED BUDGET (*Page 36*)**

Recommend Advisory Committee approval of the Watermaster Fiscal Year 2025/26 Proposed Budget as presented.

**B. CONSIDERATION OF THE SCOPE OF WORK FOR THE PEER REVIEW ENGAGEMENT OF THE 2025 SAFE YIELD REEVALUATION TECHNICAL RESULTS (*Page 148*)**

Provide Advice and Assistance to Watermaster on the Scope of Work for the Peer Review engagement of the 2025 Safe Yield Reevaluation Technical Results as presented.

**C. APPLICATION: LOCAL STORAGE AGREEMENT (ONAP) (*Page 155*)**

Provide advice and assistance to the Advisory Committee on the proposed agreement.

**D. OLD BUSINESS**

### **III. REPORTS/UPDATES**

#### **A. WATERMASTER LEGAL COUNSEL**

1. June 6, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of Semi-Annual OBMP Status Report 2024-2; IEUA Motion for Costs and Fees)
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#### **B. ENGINEER**

1. Annual Report and Meeting for the PBHSP
2. State of the Basin Report

#### **C. GENERAL MANAGER**

1. Other

### **IV. INFORMATION**

#### **A. RECHARGE INVESTIGATION AND PROJECTS COMMITTEE (PROJECT 23a STATUS) (Page 163)**

### **V. POOL DISCUSSION**

### **VI. OTHER BUSINESS**

### **VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

1. Safe Yield
2. Storage
3. Peace I vs. Peace II

### **VIII. FUTURE MEETINGS AT WATERMASTER**

05/08/25	Thu	9:00 a.m.	Appropriative Pool Committee
05/08/25	Thu	11:00 a.m.	Non-Agricultural Pool Committee
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05/27/25	Tue	9:00 a.m.	Groundwater Recharge Coordinating Committee (Held at CBWCD Office)

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

### **ADJOURNMENT**

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**APPROPRIATIVE POOL COMMITTEE MEETING**

April 10, 2025

The Appropriative Pool Committee meeting was held at the Watermaster offices located at 9641 San Bernardino Road, Rancho Cucamonga, CA, and via Zoom (conference call and web meeting) on April 10, 2025.

**APPROPRIATIVE POOL COMMITTEE MEMBERS PRESENT AT WATERMASTER**

Chris Diggs, Chair	City of Pomona
Chris Berch, Vice-Chair	Jurupa Community Services District
Amanda Coker	Cucamonga Valley Water District
Ben Orosco	City of Chino
Ron Craig	City of Chino Hills
Bryan Smith	City of Norco
Chad Nishida	City of Ontario
Nicole deMoet	City of Upland
Justin Castruita for Josh Swift	Fontana Union Water Company
Megan Sims for Cris Fealy	Fontana Water Company
Justin Scott-Coe	Monte Vista Irrigation Company
Justin Scott-Coe	Monte Vista Water District
Megan Sims for Cris Fealy	Nicholson Family Trust
Brian Lee	San Antonio Water Company
Nicole deMoet	West End Consolidated Water Company

**APPROPRIATIVE POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Ben Lewis	Golden State Water Company
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**APPROPRIATIVE POOL COMMITTEE LEGAL COUNSEL PRESENT ON ZOOM**

John Schatz	John J. Schatz, Attorney at Law
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**WATERMASTER BOARD MEMBERS PRESENT ON ZOOM**

Jimmy Medrano	Agricultural Pool – State of CA
Bill Velto	City of Upland
Mike Gardner	Western Municipal Water District

**WATERMASTER STAFF PRESENT**

Todd Corbin	General Manager
Edgar Tellez Foster	Water Resources Mgmt. & Planning Director
Justin Nakano	Water Resources Technical Manager
Frank Yoo	Data Services and Judgment Reporting Mgr.
Daniela Uriarte	Senior Accountant
Ruby Favela Quintero	Executive Assistant
Kirk Richard 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
Andy Malone	West Yost
Garrett Rapp	West Yost

**OTHERS PRESENT AT WATERMASTER**

Melissa Cansino  
Eduardo Espinoza  
Jesse Pompa

City of Pomona  
Cucamonga Valley Water District  
Jurupa Community Services District

**OTHERS PRESENT ON ZOOM**

Hye Jin Lee  
Norberto Ferreira  
Rob Hills  
Peter Dopulos  
Shawnda M. Grady  
Aimee Zhao  
Eddie Lin  
John Russ  
Kevin Alexander  
Michael Hurley  
Clifford Button  
Derek Hoffman  
John Lopez  
Bill Wyat  
Lewis Callahan  
David De Jesus  
Mallory O'Connor

City of Chino  
City of Upland  
Cucamonga Valley Water District  
Egoscue Law Group, Inc.  
Ellison Schneider Harris & Donlan, LLP  
Inland Empire Utilities Agency  
Inland Empire Utilities Agency  
Inland Empire Utilities Agency  
Inland Empire Utilities Agency  
Inland Empire Utilities Agency  
Jurupa Community Services District  
Fennemore Law  
Santa Ana River Water Company  
Sheppard, Mullin, Richter & Hampton  
State of California – CDCR  
Three Valleys Municipal Water District  
Western Water

**CALL TO ORDER**

Chair Diggs called the Appropriative Pool Committee meeting to order at 9:00 a.m.

**ROLL CALL**

(00:00:10) Mr. Tellez Foster conducted the roll call and announced that a quorum was present.

**AGENDA – ADDITIONS/REORDER:**

None

**SAFETY MINUTE**

(00:02:14) Mr. Corbin reminded the Committee of the importance of knowing and following current car seat safety standards for children.

**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:

1. Minutes of the Appropriative Pool Committee Meeting held on March 13, 2025

**B. FINANCIAL REPORTS**

Receive and file as presented:

Monthly Financial Report for the Period Ended February 28, 2025

(00:03:36)

*Motion by Mr. Justin Scott-Coe, seconded by Ms. Amanda Coker; there being no dissent, the item passed unanimously among those present.*

***Moved to approve the Consent Calendar as presented.***

## **II. BUSINESS ITEMS**

### **A. RULES AND REGULATIONS UPDATE**

(00:03:59) Mr. Corbin gave a report. A discussion ensued.

(00:12:24)

*Motion by Mr. Justin Scott-Coe, seconded by Mr. Ron Craig; there being no dissent, the item passed unanimously among those present.*

***Moved to approve Business Item II.A. without the additional language to the bottom of Section 1.1 (dd).***

## **III. REPORTS/UPDATES**

### **A. WATERMASTER LEGAL COUNSEL**

1. April 4, 2025, Court Hearing (Watermaster Motion for Receipt and Filing of the 47th Annual Report)
2. June 6, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of Semi-Annual OBMP Status Report 2024-2; IEUA Motion for Costs and Fees)
3. Court of Appeal Consolidated Cases No. E080457 and E082127 (City of Ontario appeal re: Fiscal Year 2021-22 and 2022-23 Assessment Packages)
4. Inland Empire Utilities Agency, et al v. LS-Fontana LLC (San Bernardino Superior Court); Inland Empire Utilities Agency et al v. LS-Fontana LLC (C.D. Cal Case No.: 5:25-cv-00809)

(00:13:52) Ms. Yraceburu gave a report.

### **B. ENGINEER**

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

(00:18:51) Mr. Malone gave a report on Items 1 and 2 and Mr. Rapp reported on Item 3. A discussion ensued.

### **C. GENERAL MANAGER**

1. Revised SGMA Report for Water Year 2024
2. Emergency Mutual Aid Agreements
3. RMPU Project 23a Requested Status Report
4. Other

(01:38:25) Mr. Corbin announced that on Item 1 was approved by the Board in March and given the recent improvements to the groundwater flow model used to estimate the annual change in groundwater storage, it was deemed that there is an increase from the figures (from ~49 KAF to ~57 KAF) that the Board approved last month. A revised technical memo along with the staff report will be provided to the Board at its April meeting for the ratification of the increased volume in storage. For Item 2, he reported that this was a concern from the Chairman of the Agricultural Pool and that Mr. Tellez Foster is partnering with other stakeholders to discuss potential solutions. For Item 3, he reported that a member of the Appropriative Pool requested an update on this project and Watermaster will provide this information during the April Advisory Committee meeting. For

Item 4, he reported that the Board directed staff to respond to the concerns and requests raised during the Safe Yield workshops by engaging with a firm to conduct a peer review of the 2025 Safe Yield Reevaluation model results. In closing he stated that it has been one year since he joined Watermaster and is honored to work with all the parties.

**IV. INFORMATION**

**A. CHINO AIRPORT AND SOUTH ARCHIBALD PLUMES SEMI-ANNUAL STATUS REPORTS**

(01:53:12) Mr. Corbin informed the Pool that this was an informational item and that there was nothing new to report. Ms. Coker requested a presentation at a future meeting.

**V. POOL MEMBER COMMENTS**

None

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION – POSSIBLE ACTION**

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

None

**ADJOURNMENT**

Chair Diggs adjourned the annual Appropriative Pool Committee meeting at 10:54 a.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**NON-AGRICULTURAL POOL COMMITTEE MEETING**

April 10, 2025

The Non-Agricultural Pool Committee meeting was held at the Watermaster offices located at 9641 San Bernardino Road, Rancho Cucamonga, CA, and via Zoom (conference call and web meeting) on April 10, 2025.

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

Brian Geye, Chair	California Speedway Corporation
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**NON-AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Bob Bowcock, Vice-Chair	CalMat Co.
Erick Jimenez	California Steel Industries
Alexis Mascarinas	City of Ontario

**WATERMASTER STAFF PRESENT AT WATERMASTER**

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

**WATERMASTER BOARD MEMBERS PRESENT ON ZOOM**

Mike Gardner	Western Municipal Water District
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**WATERMASTER CONSULTANTS PRESENT ON ZOOM**

Laura Yraceburu	Brownstein Hyatt Farber Schreck, LLP
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**OTHERS PRESENT ON ZOOM**

Norberto Ferreira	City of Upland
Peter Dopulos	Egoscue Law Group, Inc.
Tariq Awan	State of California – CDCR

**CALL TO ORDER**

Chair Geye called the Non-Agricultural Pool committee meeting to order at 11:00 a.m.

**ROLL CALL**

(00:00:55) Mr. Tellez Foster conducted the roll call.

**AGENDA – ADDITIONS/REORDER**

None

**SAFETY MINUTE**

(00:00:55) Mr. Corbin reminded the Committee of the importance of knowing and following current car seat safety standards for children.

**I. BUSINESS ITEMS - ROUTINE**

**A. MINUTES**

Receive and file:

Minutes of the Non-Agricultural Pool Committee Meeting held on March 13, 2025



(00:03:59)

*Motion by Vice-Chair Bob Bowcock, seconded by Mr. Erick Jimenez. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to receive and file Business Item I.A. as presented.***

## **B. FINANCIAL REPORTS**

Receive and file as presented:

Monthly Financial Report for the Period Ended February 28, 2025

(00:04:23)

*Motion by Vice-Chair Bob Bowcock, seconded by Mr. Erick Jimenez. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to receive and file Business Item I.B. without approval as presented.***

## **II. BUSINESS ITEMS**

### **A. RULES AND REGULATIONS UPDATE**

(00:04:41) Mr. Corbin gave a report.

(00:11:15)

*Motion by Vice-Chair Bob Bowcock, seconded by Ms. Alexis Mascarinas. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to approve Business Item II.A. as presented and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

### **B. MEMBER STATUS CHANGES**

1. Any proposed transfer of Safe Yield by a Member.
2. Any transfer of Safe Yield that has actually closed or been completed.
3. Any change in name or corporate identity of a Member (such as results from a merger or filing of a change of name certificate).
4. Any change in the name of a representative or alternate representative of a Member, or a change in e-mail address for either such person.

There were no changes to note.

## **III. REPORTS/UPDATES**

### **A. WATERMASTER LEGAL COUNSEL**

1. April 4, 2025, Court Hearing (Watermaster Motion for Receipt and Filing of the 47th Annual Report)
2. June 6, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of Semi-Annual OBMP Status Report 2024-2; IEUA Motion for Costs and Fees)
3. Court of Appeal Consolidated Cases No. E080457 and E082127 (City of Ontario appeal re: Fiscal Year 2021-22 and 2022-23 Assessment Packages)
4. Inland Empire Utilities Agency, et al v. LS-Fontana LLC (San Bernardino Superior Court); Inland Empire Utilities Agency et al v. LS-Fontana LLC (C.D. Cal Case No.: 5:25-cv-00809)

(00:12:06) Ms. Yraceburu gave a report.

### **B. ENGINEER**

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

(00:16:26) Mr. Tellez Foster gave a report on behalf of Mr. Malone and Mr. Rapp. A discussion ensued.

**C. GENERAL MANAGER**

1. Revised SGMA Report for Water Year 2024
2. Emergency Mutual Aid Agreements
3. RMPU Project 23a Status Report – Requested by Appropriative Pool
4. Other

(00:23:34) Mr. Corbin announced that Item 1 was approved by the Board in March and given the recent improvements to the groundwater flow model used to estimate the annual change in groundwater storage, it was determined that there is an increase from the figures that the Board approved last month. A revised technical memo along with the staff report will be provided to the Board at its April meeting for the ratification of the increased volume in storage. For Item 2, he reported that this was a concern for the Chairman of the Agricultural Pool and that Mr. Tellez Foster is partnering with other stakeholders to discuss potential solutions. For Item 3, he reported that a member of the Appropriative Pool requested an update on this project and Watermaster will provide this information during the April Advisory Committee meeting. Finally, he reported that the Board directed staff to respond to the concerns and requests raised during the Safe Yield workshops by engaging with a firm to conduct a peer review of the 2025 Safe Yield Reevaluation model results.

**IV. INFORMATION**

**A. CHINO AIRPORT AND SOUTH ARCHIBALD PLUMES SEMI-ANNUAL STATUS REPORTS**

**V. POOL MEMBER COMMENTS**

None

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

The Pool convened into Confidential Session at 11:35 a.m. to discuss the following items:

1. Non-Agricultural Pool Legal & Administrative Budget for Fiscal Year 2025/26
2. Storage Agreements

Confidential session concluded at 11:48 a.m. with the following reportable actions:

1. *The Pool directs Watermaster to include an amount of \$25,000 for Non-Agricultural Pool Legal Services for the Fiscal Year 2025/26 Budget. The Pool directs Watermaster to include an amount of \$6,000 for Non-Agricultural Pool Meeting Compensation for the Fiscal Year 2025/26 Budget. The Pool also directs Watermaster to invoice the amount of \$31,000 for Pool Administrative Expenses to the Non-Agricultural Pool based upon Non-Agricultural Pool Actual Fiscal Year 2024/25 Production, when assessment invoices are issued.*
2. *The Pool Committee directed the Chair and Pool Counsel to file a Storage Agreement application on behalf of the Non-Agricultural Pool members.*

**ADJOURNMENT**

Chair Geye adjourned the Non-Agricultural Pool Committee meeting at 11:48 a.m.

Secretary: \_\_\_\_\_

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**AGRICULTURAL POOL COMMITTEE MEETING**  
April 10, 2025

The Agricultural Pool Committee meeting was held at the Watermaster offices located at 9641 San Bernardino Road, Rancho Cucamonga, CA, and via Zoom (conference call and web meeting) on April 10, 2025.

**AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT AT WATERMASTER**

Bob Feenstra, Chair	Dairy
Jeff Pierson, Vice-Chair	Crops
Paul Hofer	Crops
Ruben Llamas	Crops
Christen Miller	County of San Bernardino
Jimmy Medrano	State of California – CDCR

**AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Nathan deBoom	Dairy
Henry DeHaan	Dairy
John Huitsing	Dairy
Imelda Cadigal	State of California – CDCR
Tariq Awan	State of California – CDCR

**AGRICULTURAL POOL LEGAL COUNSEL PRESENT AT WATERMASTER**

Tracy Egoscue	Egoscue Law Group, Inc.
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**WATERMASTER BOARD MEMBERS PRESENT ON ZOOM**

Mike Gardner	Western Municipal Water District
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**WATERMASTER STAFF PRESENT**

Todd Corbin	General Manager
Edgar Tellez Foster	Water Resources Mgmt. and Planning Director
Justin Nakano	Water Resources Technical Manager
Frank Yoo	Data Services and Judgment Reporting Mgr.
Daniela Uriarte	Senior Accountant
Ruby Favela Quintero	Executive Assistant
Kirk Richard 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
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**OTHERS PRESENT AT WATERMASTER**

Gino Filippi	Crops
Richard Rees	WSP USA

**OTHERS PRESENT ON ZOOM**

Eddie Lin	Inland Empire Utilities Agency
Lewis Callahan	State of California - CDCR

**CALL TO ORDER**

Chair Feenstra called the Agricultural Pool committee meeting to order at 1:30 p.m.

**ROLL CALL**

(00:00:06) Mr. Tellez Foster conducted the roll call and announced that a quorum was present.

(00:01:31) Ms. Egoscue asked the Clerk to call on Mr. Gino Filippi to vote since Mr. Paul Hofer was not in attendance.

(1:38 p.m.) Mr. Hofer joined the meeting.

**AGENDA - ADDITIONS/REORDER**

None

**SAFETY MINUTE**

(00:02:41) Mr. Corbin reminded the Committee of the importance of knowing and following current car seat safety standards for children.

**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 Agricultural Pool Committee Meeting held on March 13, 2025

**B. FINANCIAL REPORTS**

Receive and file as presented:

Monthly Financial Report for the Reporting Period Ended February 8, 2025

(00:10:27) Ms. Egoscue asked the Clerk to call on Mr. Lewis Callahan to vote for Ms. Cadigal since she was having technical issues.

(00:07:38)

*Motion by Vice-Chair Jeff Pierson, seconded by Mr. Paul Hofer, and passed by unanimous roll call vote as attached to these minutes.*

***Moved to approve the Consent Calendar as presented.***

**II. BUSINESS ITEMS**

**A. RULES AND REGULATIONS UPDATE**

(00:11:08) Mr. Corbin gave a report. A discussion ensued.

(00:22:38)

*Motion by Vice-Chair Jeff Pierson, seconded by Mr. Paul Hofer, there being no dissent, the item passed unanimously by roll call vote as attached to these minutes.*

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

**B. OLD BUSINESS**

None

### **III. REPORTS/UPDATES**

#### **A. WATERMASTER LEGAL COUNSEL**

1. April 4, 2025, Court Hearing (Watermaster Motion for Receipt and Filing of the 47th Annual Report)
2. June 6, 2025, Court Hearing (Appropriative Pool Motion for Costs and Fees; Watermaster Motion for Receipt and Filing of Semi-Annual OBMP Status Report 2024-2; IEUA Motion for Costs and Fees)
3. Court of Appeal Consolidated Cases No. E080457 and E082127 (City of Ontario appeal re: Fiscal Year 2021-22 and 2022-23 Assessment Packages)
4. Inland Empire Utilities Agency, et al v. LS-Fontana LLC (San Bernardino Superior Court); Inland Empire Utilities Agency et al v. LS-Fontana LLC (C.D. Cal Case No.: 5:25-cv-00809)

(00:25:07) Ms. Yraceburu gave a report. A discussion ensued.

#### **B. ENGINEER**

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

(00:31:34) Mr. Tellez Foster gave a report on behalf of Mr. Malone and Mr. Rapp. A discussion ensued.

#### **C. GENERAL MANAGER**

1. Revised SGMA Report for Water Year 2024
2. Emergency Mutual Aid Agreements
3. RMPU Project 23a Status Report – Requested by Appropriative Pool
4. Other

(01:21:07) Mr. Corbin announced that Item 1 was approved by the Board in March and given the recent improvements to the groundwater flow model used to estimate the annual change in groundwater storage, it was deemed that there is an increase from the figures that the Board approved last month. A revised technical memo along with the staff report will be provided to the Board at its April meeting for the ratification of the increased volume in storage. For Item 2 he reported that this was a concern for the Chairman of the Agricultural Pool and that Mr. Tellez Foster is partnering with other stakeholders to discuss potential solutions. For Item 3 he reported that a member of the Appropriative Pool requested an update on this project and Watermaster will provide this information during the April Advisory Committee meeting. Finally, he reported that the Board directed staff to respond to the concerns and requests raised during the Safe Yield workshops by engaging with a firm to conduct a peer review of the 2025 Safe Yield Reevaluation model results. A discussion ensued.

### **IV. INFORMATION**

#### **A. CHINO AIRPORT AND SOUTH ARCHIBALD PLUMES SEMI-ANNUAL STATUS REPORTS**

(01:37:42) Mr. Corbin commented that this was an informational item, and no oral report was given. He also mentioned that the Appropriative Pool would like a presentation at a future meeting.

#### **V. POOL DISCUSSION**

(01:38:26) Chair Feenstra let the Pool know that at the last Board meeting he made them aware that he objected to any organized meeting that included attorneys.

### **VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

The Pool convened into Confidential Session at 3:15 p.m. to discuss the following:

1. Safe Yield
2. Storage
3. Peace Agreement
4. Special Agricultural Pool Meeting

Confidential Session concluded at 4:00 p.m. with no reportable action.

**ADJOURNMENT**

Chair Feenstra adjourned the annual Agricultural Pool Committee meeting at 4:00 p.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

**Attachments:**

1. 20250410 Roll Call Vote Outcome for the Consent Calendar
2. 20250410 Roll Call Vote Outcome for Business Item II.A.

# ATTACHMENT 1

## 20250410 Roll Call Vote Outcome

Member	Alternate	Consent Calendar Item I.A. - I.B.
Pierson, Jeff, Vice-Chair		Yes
Llamas, Ruben		Yes
Hofer, Paul		Yes
deBoom, Nathan*		Yes
DeHaan, Henry*		Yes
Huitsing, John*		Yes
Awan, Tariq*		Yes
Callahan, Lewis for Cadigal, Imelda*		Yes
Medrano, Jimmy		Yes
Miller, Christen		Yes
Feenstra, Bob - Chair		Yes
	<b>OUTCOME:</b>	<b>Passed Unanimously</b>

\*Participated via Zoom

## ATTACHMENT 2

20250410 Roll Call Vote Outcome
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Member	Alternate	Business Item II.A.
Pierson, Jeff, Vice-Chair		Yes
Llamas, Ruben		Yes
Hofer, Paul		Yes
deBoom, Nathan*		Yes
DeHaan, Henry*		Yes
Huitsing, John*		Yes
Awan, Tariq*		Yes
Cadigal, Imelda*		Yes
Medrano, Jimmy		Yes
Miller, Christen		Yes
Feenstra, Bob - Chair		Yes
	OUTCOME:	Passed Unanimously

\*Participated via Zoom





# CHINO BASIN WATERMASTER

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

## STAFF REPORT

DATE: May 2025  
TO: Watermaster Committees & Board  
SUBJECT: Monthly Financial Reports (For the Reporting Period Ended March 31, 2025) (Consent Calendar Item I.B.)

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

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

Financial Impact: None

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### ACTIONS:

Appropriative Pool – May 8, 2025 [Recommended]: Receive and file.  
Non-Agricultural Pool – May 8, 2025 [Recommended]: Receive and file.  
Agricultural Pool – May 8, 2025 [Recommended]: Receive and file.  
Advisory Committee – May 15, 2025 [Recommended]: Receive and file.  
Watermaster Board – May 22, 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 (May 31, 2025)



**Chino Basin Watermaster**  
**Cash Disbursements**  
**March 2025**

Date	Number	Vendor Name	Description	Amount
03/04/2025	25341	CUCAMONGA VALLEY WATER DISTRICT - UTILITY	Utilities: Water	\$ (374.46)
03/04/2025	25342	LEWIS BRISBOIS BISGAARD & SMITH LLP	February ONAP legal services	(3,080.00)
03/04/2025	25343	VANGUARD CLEANING SYSTEMS	March janitorial service	(1,000.00)
03/04/2025	25344	VC3, INC.	Microsoft Copilot annual subscription	(720.00)
03/04/2025	25345	WAXIE SANITARY SUPPLY	Hand foam soap	(320.19)
03/04/2025	25346	VELTO, BILL		(250.00)
03/06/2025	25348	POWERS ELECTRIC PRODUCTS CO.	Replacement sounder probes for groundwater level monitoring	(359.41)
03/10/2025	ACH3/10/25	CALPERS	March medical insurance premiums	(18,210.85)
03/12/2025	25349	ACWA JOINT POWERS INSURANCE AUTHORITY	April life insurance	(274.43)
03/12/2025	25350	BAY ALARM COMPANY	February - April security alarm monitoring service	(770.46)
03/12/2025	25351	CHEF DAVE'S CATERING & EVENT SERVICES	Board meeting catering services	(573.36)
03/12/2025	25352	CURATALO, JAMES		(500.00)
03/12/2025	25353	DE BOOM, NATHAN		(125.00)
03/12/2025	25354	EGOSCUE LAW GROUP, INC.	February OAP legal services	(16,250.00)
03/12/2025	25355	FILIPPI, GINO		(375.00)
03/12/2025	25356	FRONTIER COMMUNICATIONS	Landline connection for Bay Alarm system	(154.06)
03/12/2025	25357	READY REFRESH	Office water dispenser February lease	(43.08)
03/12/2025	25358	STATE COMPENSATION INSURANCE FUND	FY 25 worker's compensation insurance	(2,264.91)
03/12/2025	25359	UNION 76	February fuel purchases	(177.73)
03/12/2025	25360	VANGUARD CLEANING SYSTEMS	February electrostatic spraying	(220.00)
03/12/2025	25361	VERIZON WIRELESS	Internet services for Field Ops tablets	(239.16)
03/12/2025	25362	WAXIE SANITARY SUPPLY	Tissue paper	(424.23)
03/12/2025	25363	ZVIRBULIS, MARTIN		(250.00)
03/18/2025	25364	CALIFORNIA BANK & TRUST	Account ending 6198 - See detail attached	(8,126.39)
03/19/2025	25365	INLAND EMPIRE UTILITIES AGENCY	FY 24/25 Q2 Groundwater recharge O&M	(397,082.47)
03/19/2025	25366	WEST YOST	January engineering services	(179,764.35)
03/20/2025	25367	BAY ALARM COMPANY	Quarterly monitoring service	(189.24)
03/20/2025	25368	BURRTEC WASTE INDUSTRIES, INC.	Utilities: Waste	(168.62)
03/20/2025	25369	CLARK PEST CONTROL	Bi-monthly pest control services	(100.00)
03/20/2025	25370	CORELOGIC INFORMATION SOLUTIONS	February geographic package services	(125.00)
03/20/2025	25371	GEYE, BRIAN		(625.00)
03/20/2025	25372	LEGAL SHIELD	February and March employee paid legal insurance	(239.10)
03/20/2025	25373	PIERSON, JEFFREY		(3,750.00)
03/20/2025	25374	READY REFRESH	Office water dispenser March lease and deliveries	(180.71)
03/20/2025	25375	RUBEN LLAMAS		(125.00)
03/20/2025	25376	SOUTHERN CA EDISON	Utilities: Electric	(1,423.38)
03/20/2025	25377	SPECTRUM ENTERPRISE	March internet services	(1,161.35)
03/24/2025	ACH3/24/25	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Annual Unfunded Accrued Liability-Plan 3299	(12,164.17)
03/25/2025	25379	TELLEZ-FOSTER, EDGAR	Toll road fee reimbursement	(49.77)
03/25/2025	25380	CUCAMONGA VALLEY WATER DISTRICT	April lease	(11,902.91)
03/25/2025	25378	BROWNSTEIN HYATT FARBER SCHRECK	January legal services	(95,264.74)
<b>Total for Month</b>				<b>\$ (759,571.45)</b>



# Chino Basin Watermaster

## Credit Card Expense Detail

### March 2025

Date	Number	Description	Expense Account	Amount
03/18/2025	25364	<b>CALIFORNIA BANK &amp; TRUST</b>		
		Panera Bread - OPS Meeting	6141.1 · Meeting Supplies	(74.78)
		Amazon - Amazon Web Services - January 2025	6056 · Website Services	(320.61)
		ACWA - 2025 Spring Conference Registration - E. Tellez Foster	6191 · Conferences - General	(949.00)
		Qamaria Coffee - Coffee Meeting - E. Tellez Foster, Western	6141.1 · Meeting Supplies	(37.34)
		Microsoft Software - Mapping and visualization software subscription	6054 · Computer Software	(15.00)
		REV Subscription - Speech to text transcription services	6112 · Subscriptions/Publications	(29.99)
		Swatch UTC - 20 year work anniversary employee gift - J. Nakano	6031.7 · General Office Supplies	(290.93)
		Dollar Tree - gift boxes for 20th work anniversary gift - J. Nakano, F. Yoo	6031.7 · General Office Supplies	(4.04)
		Amazon MX Marketplace - E. Tellez-Foster personal charge to be refunded	6031.7 · General Office Supplies	(50.75)
		Mimi's Cafe - Lunch meeting - T. Corbin, Dryer	6141.1 · Meeting Supplies	(52.25)
		Klatch Coffee - Lunch Meeting - T. Corbin, J. Medrano	6141.1 · Meeting Supplies	(10.14)
		Kickback Jacks - Breakfast meeting - T. Corbin, M. Gardner	6141.1 · Meeting Supplies	(40.52)
		Tax 1099 - 1099 filings	6147 · Other Admin Expenses	(158.38)
		Amazon - Misc. office supplies	6031.7 · General Office Supplies	(65.17)
		RubberStamps - self inking stamp	6031.7 · General Office Supplies	(17.63)
		RC Mongolian BBQ - Admin Staff Meeting	6141.1 · Meeting Supplies	(94.12)
		Costco - Meeting snacks and drinks	6312 · Board Meeting Expenses	(445.47)
		Bamboo HR - HRIS and Timekeeping System	6061.2 · HRIS System	(230.14)
		The Swatch Group - 20 year work anniversary employee gift - F. Yoo	6031.7 · General Office Supplies	(274.76)
		Staples - Copy paper	6031.1 · Copy Paper	(261.14)
		Amazon - (2) Apple iPad Pro 11	6055 · Computer Hardware	(2,418.96)
		Amazon - (2) Apple pencil pro	6055 · Computer Hardware	(247.80)
		Amazon - watch cases for 20 year work anniversary employee gifts	6031.7 · General Office Supplies	(19.38)
		Amazon - headset and microphones	6031.7 · General Office Supplies	(61.46)
		Engrave N' Embroider - engraving for 20 year work anniversary employee gifts	6031.7 · General Office Supplies	(51.70)
		BlueHost - Monthly Software Renewal - Standard VPN Server with cPanel	6056 · Website Services	(91.99)
		Amazon - printer ink cartridge	6031.7 · General Office Supplies	(121.64)
		Mezzaterranean - 20 year work anniversary lunch celebration	6141.1 · Meeting Supplies	(306.00)
		Amazon - calendars and gel pens	6031.7 · General Office Supplies	(56.76)
		Land's End - employee uniforms for all staff excluding F. Yoo and T. Corbin	6154 · Uniforms	(964.41)
		FedEx - OPS radio demo return to Applied Technology	6042 · Postage - General	(13.39)
		Amazon - car phone mount	6031.7 · General Office Supplies	(40.93)
		Amazon - microphone gooseneck replacements for board room microphones	6031.7 · General Office Supplies	(135.75)
		Amazon - decaf coffee	6031.7 · General Office Supplies	(36.80)
		Costco - hand soap, facial tissue, tissue paper	6031.7 · General Office Supplies	(137.26)
<b>Total for Month</b>				<b>\$ (8,126.39)</b>



# Chino Basin Watermaster

## Combining Schedule of Revenues, Expenses & Changes in Net Assets

### For the Period of July 1, 2024 through March 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			
<b>Administrative Revenues:</b>									
Administrative Assessments	\$ 9,834,155	\$ -	\$ 9,834,155	\$ 99,200	\$ -	\$ 31,000	\$ -	\$ 9,964,355	\$ 9,833,780
Interest Revenue	-	342,268	342,268	14,900	47,209	2,477	3,871	410,725	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	-
<b>Total Administrative Revenues</b>	<b>10,026,695</b>	<b>342,268</b>	<b>10,368,963</b>	<b>114,100</b>	<b>47,209</b>	<b>33,477</b>	<b>(83,505)</b>	<b>10,480,244</b>	<b>10,503,350</b>
<b>Administrative &amp; Project Expenditures:</b>									
Watermaster Administration	2,337,529	-	2,337,529	-	-	-	-	2,337,529	2,528,540
Watermaster Board-Advisory Committee	196,899	-	196,899	-	-	-	-	196,899	422,420
Optimum Basin Mgmt Administration	-	656,918	656,918	-	-	-	-	656,918	1,437,940
OBMP Project Costs	-	2,887,895	2,887,895	-	-	-	-	2,887,895	4,971,020
Pool Legal Services	-	-	-	82,722	110,150	9,119	-	201,991	-
Pool Meeting Compensation	-	-	-	-	18,125	3,750	-	21,875	-
Pool Special Projects	-	-	-	-	9,454	-	-	9,454	-
Pool Administration	-	-	-	-	-	-	-	-	370,660
Debt Service	-	955,086	955,086	-	-	-	-	955,086	772,770
Agricultural Expense Transfer <sup>1</sup>	-	-	-	137,729	(137,729)	-	-	-	-
Replenishment Water Assessments	-	-	-	-	-	-	54,425	54,425	180,234
<b>Total Administrative Expenses</b>	<b>2,534,428</b>	<b>4,499,899</b>	<b>7,034,327</b>	<b>220,451</b>	<b>-</b>	<b>12,869</b>	<b>54,425</b>	<b>7,322,072</b>	<b>10,683,584</b>
<b>Net Ordinary Income</b>	<b>7,492,267</b>	<b>(4,157,631)</b>	<b>3,334,636</b>	<b>(106,351)</b>	<b>47,209</b>	<b>20,608</b>	<b>(137,930)</b>	<b>3,158,172</b>	<b>(180,234)</b>
<b>Other Income/(Expense)</b>									
Refund-Recharge Debt Service	-	-	-	-	-	-	-	-	-
Carryover Budget*	-	-	-	-	-	-	-	-	454,875
<b>Net Other Income/(Expense)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>454,875</b>
<b>Net Transfers To/(From) Reserves</b>	<b>\$ 7,492,267</b>	<b>\$ (4,157,631)</b>	<b>\$ 3,334,636</b>	<b>\$ (106,351)</b>	<b>\$ 47,209</b>	<b>\$ 20,608</b>	<b>\$ (137,930)</b>	<b>\$ 3,158,172</b>	<b>\$ 274,640</b>
Net Assets, July 1, 2024			8,794,214	555,405	1,404,964	65,733	180,234	11,000,551	
Refund-Excess Operating Reserves			-					-	
<b>Net Assets, End of Period</b>			<b>12,128,850</b>	<b>449,054</b>	<b>1,452,173</b>	<b>86,341</b>	<b>42,304</b>	<b>14,158,723</b>	
Pool Assessments Outstanding				(86,315)	(586,852)	-			
Payments received in FY 25 for prior year assessments				231,381	-	-			
Pool Fund Balance				<b>\$ 594,119</b>	<b>\$ 865,321</b>	<b>\$ 86,341</b>			

<sup>1</sup> 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

### March 2025

	Type	Monthly Yield	Cost	Market	% Total
<b>Cash &amp; Investments</b>					
Local Agency Investment Fund (LAIF) *	Investment	4.31%	\$ 658,575	\$ 659,134	4.3%
CA CLASS Prime Fund **	Investment	4.40%	14,038,104	\$ 14,038,607	92.2%
Bank of America	Checking		525,045	525,045	3.4%
Bank of America	Payroll		-	-	0.0%
<b>Total Cash &amp; Investments</b>			<b>\$ 15,221,724</b>	<b>\$ 15,222,787</b>	<b>100.0%</b>

\* 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 March 31, 2025

(Unaudited)

	March 2024	YTD Actual	FY 25 Adopted Budget with Carryover	\$ Over / (Under) Budget	% of Budget
<b>1 Administration Revenue</b>					
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%
<b>5 Total Administration Revenue</b>	<b>-</b>	<b>10,025,228</b>	<b>10,024,850</b>	<b>378</b>	<b>100%</b>
<b>6 Other Revenue</b>					
7 Appropriative Pool-Replenishment	-	(103,383)	-	(103,383)	N/A
8 Non-Ag Pool-Replenishment	-	16,006	-	16,006	N/A
9 Interest Income	53,277	342,268	478,500	(136,232)	72%
10 Miscellaneous Income	-	1,468	-	1,468	N/A
11 Carryover Budget	-	-	454,875	(454,875)	0%
<b>12 Total Other Revenue</b>	<b>53,277</b>	<b>256,359</b>	<b>933,375</b>	<b>(677,016)</b>	<b>27%</b>
<b>13 Total Revenue</b>	<b>53,277</b>	<b>10,281,586</b>	<b>10,958,225</b>	<b>(676,638)</b>	<b>94%</b>
<b>14 Judgment Administration Expense</b>					
15 Judgment Administration	22,868	320,802	721,010	(400,208)	44%
16 Admin. Salary/Benefit Costs	85,417	924,818	1,032,120	(107,302)	90%
17 Office Building Expense	16,815	179,878	234,470	(54,592)	77%
18 Office Supplies & Equip.	2,704	22,240	46,760	(24,520)	48%
19 Postage & Printing Costs	1,983	17,668	32,950	(15,282)	54%
20 Information Services	22,581	102,554	232,530	(129,976)	44%
21 Contract Services	1,739	46,638	111,460	(64,822)	42%
22 Watermaster Legal Services	89,427	639,205	414,060	225,145	154%
23 Insurance	-	38,572	50,950	(12,378)	76%
24 Dues and Subscriptions	30	19,762	25,900	(6,138)	76%
25 Watermaster Administrative Expenses	426	7,589	9,630	(2,041)	79%
26 Field Supplies	-	1,999	3,200	(1,201)	62%
27 Travel & Transportation	1,893	83,478	104,960	(21,482)	80%
28 Training, Conferences, Seminars	4,210	17,132	49,370	(32,238)	35%
29 Advisory Committee Expenses	7,124	35,813	134,130	(98,317)	27%
30 Watermaster Board Expenses	21,338	161,086	288,290	(127,204)	56%
31 ONAP - WM & Administration	3,500	31,690	120,940	(89,250)	26%
32 OAP - WM & Administration	5,156	45,096	124,220	(79,124)	36%
33 Appropriative Pool- WM & Administration	14,354	108,486	125,500	(17,014)	86%
34 Allocated G&A Expenditures	(37,348)	(270,079)	(540,830)	270,751	50%
<b>35 Total Judgment Administration Expense</b>	<b>264,217</b>	<b>2,534,428</b>	<b>3,321,620</b>	<b>(787,192)</b>	<b>76%</b>
<b>36 Optimum Basin Management Plan (OBMP)</b>					
37 Optimum Basin Management Plan	130,627	656,918	1,437,940	(781,022)	46%
38 Groundwater Level Monitoring	38,875	338,059	585,050	(246,991)	58%
39 Program Element (PE)2- Comp Recharge	418,414	1,019,058	1,774,300	(755,242)	57%
40 PE3&5-Water Supply/Desalte	15,897	43,463	122,010	(78,547)	36%
41 PE4- Management Plan	28,679	289,957	412,400	(122,443)	70%
42 PE6&7-CoopEfforts/SaltMgmt	44,679	543,284	669,380	(126,096)	81%
43 PE8&9-StorageMgmt/Conj Use	62,837	383,994	867,050	(483,056)	44%
44 Recharge Improvements	-	955,086	772,770	182,316	124%
45 Administration Expenses Allocated-OBMP	16,101	97,466	232,750	(135,284)	42%
46 Administration Expenses Allocated-PE 1-9	21,247	172,614	308,080	(135,466)	56%
<b>47 Total OBMP Expense</b>	<b>777,355</b>	<b>4,499,899</b>	<b>7,181,730</b>	<b>(2,681,831)</b>	<b>63%</b>
<b>48 Other Expense</b>					
49 Groundwater Replenishment	-	54,425	180,234	(125,810)	30%
50 Other Expenses	-	-	-	-	N/A
<b>51 Total Other Expense</b>	<b>-</b>	<b>54,425</b>	<b>180,234</b>	<b>(125,810)</b>	<b>30%</b>
<b>52 Total Expenses</b>	<b>1,041,572</b>	<b>7,088,752</b>	<b>10,683,584</b>	<b>(3,594,833)</b>	<b>66%</b>
<b>53 Increase / (Decrease) to Reserves</b>	<b>\$ (988,294)</b>	<b>\$ 3,192,835</b>	<b>\$ 274,640</b>	<b>\$ 2,918,194</b>	



# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 31, 2025

#### (Unaudited)

## 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 March 31<sup>st</sup>, the target budget percentage is generally 75%.

## 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 90% of budget due to vacation and severance payouts done in July.
- Line 22 Watermaster Legal Services includes outside legal counsel expenses. The account is over budget due to personnel matters not anticipated in the budget.
- Line 24 Dues and Subscriptions include annual dues for ACWA, SHRM, and other miscellaneous subscriptions. The account is at 76% 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 79% of budget due photography supplies purchased in December not anticipated in the budget.
- 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 80% 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.





# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 31, 2025

#### (Unaudited)

## 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 March 31, 2025 (continued next page):

Fund Balance For Non-Agricultural Pool Account 8567 - Legal Services		Fund Balance For Appropriate Pool Account 8367 - Legal Services	
Beginning Balance July 1, 2024:	\$ 63,483.09	Beginning Balance July 1, 2024:	\$ (9,472.87)
Additions:		Additions:	
Interest Earnings	2,477.22	Interest Earnings	14,899.81
Payments received on ONAP Assessment invoices issued 11/26/24	25,000.00	Payments received on AP Assessment invoices issued 11/18/21	27,343.35
Subtotal Additions:	27,477.22	Payments received on AP Assessment invoices issued 4/21/22	39,013.34
		Payments received on AP Assessment invoices issued 10/14/22	70,478.86
Reductions:		Payments received on AP Assessment invoices issued 4/19/23	26,262.54
Invoices paid July 2024 - March 2025	(9,119.00)	Payments received on AP Assessment invoices issued 10/30/23	68,282.61
Subtotal Reductions:	(9,119.00)	Payments received on AP Assessment invoices issued 11/26/24	67,701.53
		Payments received for appeal legal expenses 2/28/25	31,498.58
		Subtotal Additions:	345,480.62
Available Fund Balance as of Mar. 31, 2025	<u>\$ 81,841.31</u>	Reductions:	
		Invoices paid July 2024 - March 2025	(82,722.38)
		Subtotal Reductions:	(82,722.38)
		Available Fund Balance as of Mar. 31, 2025	<u>\$ 253,285.37</u>

Fund Balance For Non-Agricultural Pool Account 8511 - Meeting Compensation		Fund Balance For Appropriate Pool Account 8368 - Tom Harder Contract	
Beginning Balance July 1, 2024:	\$ 2,250.00	Beginning Balance July 1, 2024:	\$ 20,577.61
Additions:		Additions:	
Payments received on ONAP Assessment invoices issued 11/26/24	6,000.00		
Subtotal Additions:	6,000.00	Subtotal Additions:	-
Reductions:		Reductions:	
Compensation paid July 2024 - March 2025	(3,750.00)	Invoices paid July 2024 - March 2025	-
Subtotal Reductions:	(3,750.00)	Subtotal Reductions:	-
Available Fund Balance as of Mar. 31, 2025	<u>\$ 4,500.00</u>	Available Fund Balance as of Mar. 31, 2025	<u>\$ 20,577.61</u>



# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 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 - March 2025	(110,150.00)
Subtotal Reductions:	(110,150.00)
<b>Available Fund Balance as of Mar. 31, 2025</b>	<b>\$ 278,497.51</b>

\*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	47,208.93
Transfer of Funds from AP to Special Fund for Legal Service Invoices	110,150.00
Total Additions:	157,358.93
Reductions:	
Legal service invoices paid July 2024 - March 2025	(110,150.00)
Subtotal Reductions:	(110,150.00)
<b>Agricultural Pool Reserve Funds Balance as of Mar. 31, 2025:</b>	<b>\$ 865,321.10</b>

\*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 - March 2025	(18,125.00)
Subtotal Reductions:	(18,125.00)
<b>Available Fund Balance as of Mar. 31, 2025</b>	<b>\$ (430.35) *</b>

\*Temporary negative Fund balance in March due to transfer of \$30,000 scheduled in April 16, 2025 from account 8471.

### 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 - March 2025	(9,454.00)
Subtotal Reductions:	(9,454.00)
<b>Available Fund Balance as of Mar. 31, 2025</b>	<b>\$ 42,189.00</b>



# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 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 March 31<sup>st</sup>, the target budget percentage is generally 75%.

	Year to Date Actual	FY 24-25 Budget	\$ Over / (Under) Budget	% of Budget
<b>WM Salary Expense</b>				
5901.1 · Judgment Admin - Doc. Review	44,560	93,860	(49,300)	47.5%
5901.3 · Judgment Admin - Field Work	1,716	11,860	(10,144)	14.5%
5901.5 · Judgment Admin - General	7,848	81,090	(73,242)	9.7%
5901.7 · Judgment Admin - Meeting	27,893	39,710	(11,817)	70.2%
5901.9 · Judgment Admin - Reporting	3,557	13,890	(10,333)	25.6%
5910 · Judgment Admin - Court Coord./Attendance	3,418	16,970	(13,552)	20.1%
5911 · Judgment Admin - Exhibit G	1,588	6,400	(4,812)	24.8%
5921 · Judgment Admin - Production Monitoring	1,002	5,440	(4,438)	18.4%
5931 · Judgment Admin - Recharge Applications	2,318	-	2,318	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	30,427	9,510	20,917	320.0%
5971 · Judgment Admin - Storage Agreements	6,427	13,000	(6,573)	49.4%
5981 · Judgment Admin - Water Accounting/Database	68,629	108,290	(39,661)	63.4%
5991 · Judgment Admin - Water Transactions	4,703	5,330	(627)	88.2%
6011.11 · WM Staff - Overtime	6,600	18,000	(11,400)	36.7%
6011.10 · Admin - Accounting	167,401	278,330	(110,929)	60.1%
6011.15 · Admin - Building Admin	47,532	31,200	16,332	152.3%
6011.20 · Admin - Conference/Seminars	32,715	58,530	(25,815)	55.9%
6011.25 · Admin - Document Review	34,345	2,620	31,725	1310.9%
6011.50 · Admin - General	229,036	362,560	(133,524)	63.2%
6011.60 · Admin - HR	94,457	50,450	44,007	187.2%
6011.70 · Admin - IT	57,149	34,070	23,079	167.7%
6011.80 · Admin - Meeting	74,760	39,760	35,000	188.0%
6011.90 · Admin - Team Building	18,284	41,550	(23,266)	44.0%
6011.95 · Admin - Training (Give/Receive)	26,040	64,160	(38,120)	40.6%
6017 · Temporary Services	24,229	26,040	(1,811)	93.0%
6201 · Advisory Committee	19,732	82,850	(63,118)	23.8%
6301 · Watermaster Board	65,218	83,910	(18,692)	77.7%
8301 · Appropriative Pool	85,537	67,280	18,257	127.1%
8401 · Agricultural Pool	23,450	66,000	(42,550)	35.5%
8501 · Non-Agricultural Pool	14,692	62,710	(48,018)	23.4%
6901.1 · OBMP - Document Review	24,609	95,290	(70,681)	25.8%
6901.3 · OBMP - Field Work	1,153	50,870	(49,717)	2.3%
6901.5 · OBMP - General	75,662	81,120	(5,458)	93.3%
6901.7 · OBMP - Meeting	25,280	80,360	(55,080)	31.5%
6901.9 · OBMP - Reporting	9,052	11,040	(1,988)	82.0%
7104.1 · PE1 - Monitoring Program	143,663	275,490	(131,827)	52.1%
7201 · PE2 - Comprehensive Recharge	59,072	71,750	(12,678)	82.3%
7301 · PE3&5 - Water Supply/Desalter	374	9,510	(9,136)	3.9%
7301.1 · PE5 - Reg. Supply Water Prgm.	840	9,510	(8,671)	8.8%
7401 · PE4 - MZ1 Subsidence Mgmt. Plan	1,759	14,040	(12,281)	12.5%
7501 · PE6 - Coop. Programs/Salt Mgmt.	8,008	9,510	(1,502)	84.2%
7501.1 · PE 7 - Salt Nutrient Mgmt. Plan	4,698	9,510	(4,812)	49.4%
7601 · PE8&9 - Storage Mgmt./Recovery	22,122	22,520	(398)	98.2%
<b>Subtotal WM Staff Costs</b>	<b>1,604,767</b>	<b>2,529,290</b>	<b>(924,523)</b>	<b>63%</b>
60184.1 · Administrative Leave	-	6,550	(6,550)	0.0%
60185 · Vacation	92,245	90,280	1,965	102.2%
60185.1 · Comp Time	7,033	-	7,033	100.0%
60186 · Sick Leave	36,363	79,450	(43,087)	45.8%
60187 · Holidays	79,737	99,330	(19,593)	80.3%
<b>Subtotal WM Paid Leaves</b>	<b>215,379</b>	<b>275,610</b>	<b>(60,231)</b>	<b>78%</b>
<b>Total WM Salary Costs</b>	<b>1,820,145</b>	<b>2,804,900</b>	<b>(984,755)</b>	<b>64.9%</b>



# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 31, 2025

(Unaudited)

## 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 March 31<sup>st</sup>, the target budget percentage is generally 75%.

	Year to Date Actual	FY 24-25 Budget	\$ Over / (Under) Budget	% of Budget
<b>Engineering Services Costs</b>				
5901.8 · Judgment Admin - Meetings-Engineering Services	\$ -	\$ 37,066	\$ (37,066)	0.0%
5906.71 · Judgment Admin - Data Requests-CBWM Staff	45,202	101,048	(55,846)	44.7%
5906.72 · Judgment Admin - Data Requests-Non-CBWM Staff	36,011	37,008	(997)	97.3%
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	6,986	23,510	(16,524)	29.7%
6306 · Watermaster Board Meetings-WY Staff	17,588	23,510	(5,922)	74.8%
8306 · Appropriative Pool Meetings-WY Staff	12,873	23,510	(10,637)	54.8%
8406 · Agricultural Pool Meetings-WY Staff	11,569	23,510	(11,941)	49.2%
8506 · Non-Agricultural Pool Meetings-WY Staff	6,921	23,510	(16,589)	29.4%
6901.8 · OBMP - Meetings-WY Staff	39,449	37,066	2,383	106.4%
6901.95 · OBMP - Reporting-WY Staff	55,737	62,606	(6,869)	89.0%
6906 · OBMP Engineering Services - Other	53,499	51,440	2,059	104.0%
6906.1 · OBMP Watermaster Model Update	6,552	67,596	(61,044)	9.7%
6906.21 · State of the Basin Report	77,031	195,188	(118,158)	39.5%
7104.3 · Grdwtr Level-Engineering	158,552	254,627	(96,075)	62.3%
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	8,574	23,496	(14,922)	36.5%
7202.2 · PE2-Comp Recharge-Engineering Services	142,941	75,944	66,997	188.2%
7302 · PE3&5-PBHSP Monitoring Program	34,672	73,305	(38,633)	47.3%
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	179,881	281,239	(101,358)	64.0%
7402.10 · PE4-Northwest MZ1 Area Project	81,673	16,656	65,017	490.4%
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	2,963	17,553	(14,590)	16.9%
7502 · PE6&7-Engineering	262,361	398,309	(135,948)	65.9%
7505 · PE6&7-Laboratory Services	48,482	61,242	(12,761)	79.2%
7510 · PE6&7-IEUA Salinity Mgmt. Plan	20,212	-	20,212	100.0%
7511 · PE6&7-SAWBMP Task Force-50% IEUA	3,131	27,067	(23,936)	11.6%
7517 · Surface Water Monitoring Plan-Chino Creek - 50% IEUA	19,981	33,574	(13,593)	59.5%
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	361,872	768,963	(407,091)	47.1%
7615 · PE8&9-Develop 2025 Storage Plan	-	42,632	(42,632)	0.0%
<b>Total Engineering Services Costs</b>	<b>\$ 1,773,129</b>	<b>\$ 3,215,108</b>	<b>\$ (1,441,979)</b>	<b>55.2%</b>



# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 31, 2025

(Unaudited)

## 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 March 31<sup>st</sup>, the target budget percentage is generally 75%.

	Year to Date Actual	FY 24-25 Budget	\$ Over / (Under) Budget	% of Budget
<b>6070 · Watermaster Legal Services</b>				
6071 · BHFS Legal - Court Coordination	\$ 220,879	\$ 144,040	\$ 76,839	153.3%
6072 · BHFS Legal - Rules & Regulations	5,109	10,495	(5,386)	48.7%
6073 · BHFS Legal - Personnel Matters	284,652	28,150	256,502	1011.2%
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)	128,566	177,240	(48,674)	72.5%
<b>Total 6070 · Watermaster Legal Services</b>	<b>639,205</b>	<b>414,051</b>	<b>225,154</b>	<b>154.4%</b>
6275 · BHFS Legal - Advisory Committee	9,096	27,764	(18,668)	32.8%
6375 · BHFS Legal - Board Meeting	53,240	88,704	(35,464)	60.0%
6375.1 · BHFS Legal - Board Workshop(s)	-	29,215	(29,215)	0.0%
8375 · BHFS Legal - Appropriative Pool	10,077	34,705	(24,628)	29.0%
8475 · BHFS Legal - Agricultural Pool	10,077	34,705	(24,628)	29.0%
8575 · BHFS Legal - Non-Ag Pool	10,077	34,705	(24,628)	29.0%
<b>Total BHFS Legal Services</b>	<b>92,567</b>	<b>249,798</b>	<b>(157,231)</b>	<b>37.1%</b>
<b>6907.3 · WM Legal Counsel</b>				
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	1,972	21,405	(19,433)	9.2%
6907.36 · Santa Ana River Habitat	-	31,280	(31,280)	0.0%
6907.38 · Reg. Water Quality Cntrl Board	3,840	63,200	(59,360)	6.1%
6907.39 · Recharge Master Plan	86,481	14,270	72,211	606.0%
6907.41 · Prado Basin Habitat Sustainability	1,142	10,290	(9,148)	11.1%
6907.44 · SGMA Compliance	1,294	10,290	(8,996)	12.6%
6907.45 · OBMP Update	14,169	177,240	(163,071)	8.0%
6907.47 · 2020 Safe Yield Reset	63,428	80,190	(16,762)	79.1%
6907.48 · Ely Basin Investigation	5,633	64,890	(59,257)	8.7%
6907.49 · San Sevaine Basin Discharge	59,009	110,080	(51,071)	53.6%
6907.90 · WM Legal Counsel - Unanticipated	-	38,885	(38,885)	0.0%
<b>Total 6907 · WM Legal Counsel</b>	<b>236,967</b>	<b>685,830</b>	<b>(448,863)</b>	<b>34.6%</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>\$ 968,739</b>	<b>\$ 1,349,679</b>	<b>\$ (380,940)</b>	<b>71.8%</b>



# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 31, 2025

(Unaudited)

### 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 March 31<sup>st</sup>, the target budget percentage is generally 75%.

	Year to Date Actual	FY 24-25 Budget	\$ Over / (Under) Budget	% of Budget
<b>6900 · Optimum Basin Mgmt Plan</b>				
6901.1 · OBMP - Document Review-WM Staff	\$ 24,609	\$ 95,294	\$ (70,685)	25.8%
6901.3 · OBMP - Field Work-WM Staff	1,153	50,870	(49,717)	2.3%
6901.5 · OBMP - General-WM Staff	75,662	81,120	(5,458)	93.3%
6901.7 · OBMP - Meeting-WM Staff	25,280	80,360	(55,080)	31.5%
6901.8 · OBMP - Meeting-West Yost	39,449	37,066	2,383	106.4%
6901.9 · OBMP - Reporting-WM Staff	9,052	11,040	(1,988)	82.0%
6901.95 · OBMP - Reporting-West Yost	55,737	62,606	(6,869)	89.0%
<b>Total 6901 · OBMP WM and West Yost Staff</b>	<b>230,943</b>	<b>418,356</b>	<b>(187,413)</b>	<b>55.2%</b>
<b>6903 · OBMP - SAWPA</b>				
6903 · OBMP - SAWPA Group	15,984	15,990	(6)	100.0%
<b>Total 6903 · OBMP - SAWPA</b>	<b>15,984</b>	<b>15,990</b>	<b>(6)</b>	<b>100.0%</b>
<b>6906 · OBMP Engineering Services</b>				
6906.1 · OBMP - Watermaster Model Update	6,552	67,596	(61,044)	9.7%
6906.21 · State of the Basin Report	77,031	195,188	(118,158)	39.5%
6906 · OBMP Engineering Services - Other	53,499	51,440	2,059	104.0%
<b>Total 6906 · OBMP Engineering Services</b>	<b>137,081</b>	<b>314,224</b>	<b>(177,143)</b>	<b>43.6%</b>
<b>6907 · OBMP Legal Fees</b>				
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	1,972	21,405	(19,433)	9.2%
6907.36 · Santa Ana River Habitat	-	31,280	(31,280)	0.0%
6907.38 · Reg. Water Quality Cntrl Board	3,840	63,200	(59,360)	6.1%
6907.39 · Recharge Master Plan	86,481	14,270	72,211	606.0%
6907.41 · Prado Basin Habitat Sustainability	1,142	10,290	(9,148)	11.1%
6907.44 · SGMA Compliance	1,294	10,290	(8,996)	12.6%
6907.45 · OBMP Update	14,169	177,240	(163,071)	8.0%
6907.47 · 2020 Safe Yield Reset	63,428	80,190	(16,762)	79.1%
6907.48 · Ely Basin Investigation	5,633	64,890	(59,257)	8.7%
6907.49 · San Sevaine Basin Discharge	59,009	110,080	(51,071)	53.6%
6907.90 · WM Legal Counsel - Unanticipated	-	38,885	(38,885)	0.0%
<b>Total 6907 · OBMP Legal Fees</b>	<b>236,967</b>	<b>685,830</b>	<b>(448,863)</b>	<b>34.6%</b>
<b>6909 · OBMP Other Expenses</b>				
6909.6 · OBMP Expenses - Miscellaneous	-	-	-	0.0%
<b>Total 6909 · OBMP Other Expenses</b>	<b>2,172</b>	<b>3,540</b>	<b>(1,368)</b>	<b>61.4%</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>\$ 623,147</b>	<b>\$ 1,437,940</b>	<b>\$ (814,793)</b>	<b>43.3%</b>





# Chino Basin Watermaster

## Monthly Variance Report & Supplemental Schedules

### For the period July 1, 2024 to March 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 March 31<sup>st</sup>, the target budget percentage is generally 75%.

	Year to Date Actual	FY 24-25 Budget	\$ Over / (Under) Budget	% of Budget
<b>5901 · Admin-WM Staff</b>				
5901.1 · Admin-Doc. Review-WM Staff	\$ 44,560	\$ 93,860	\$ (49,300)	47.5%
5901.3 · Admin-Field Work-WM Staff	1,716	11,860	(10,144)	14.5%
5901.5 · Admin-General-WM Staff	7,848	81,090	(73,242)	9.7%
5901.7 · Admin-Meeting-WM Staff	27,893	39,710	(11,817)	70.2%
5901.8 · Admin-Meeting - West Yost	-	37,066	(37,066)	0.0%
5901.9 · Admin-Reporting-WM Staff	3,557	13,890	(10,333)	25.6%
<b>Total 5901 · Admin-WM Staff</b>	<b>85,575</b>	<b>277,476</b>	<b>(191,901)</b>	<b>30.8%</b>
<b>5900 · Judgment Admin Other Expenses</b>				
5906.71 · Admin-Data Req-CBWM Staff	45,202	101,048	(55,846)	44.7%
5906.72 · Admin-Data Req-Non CBWM Staff	36,011	37,008	(997)	97.3%
5910 · Court Coordination/Attend-WM	3,418	16,970	(13,552)	20.1%
5911 · Exhibit G-WM Staff	1,588	6,400	(4,812)	24.8%
5921 · Production Monitoring-WM Staff	1,002	5,440	(4,438)	18.4%
5925 · Ag Prod & Estimation-West Yost	19,707	31,096	(11,390)	63.4%
5931 · Recharge Applications-WM Staff	2,318	-	2,318	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	30,427	9,510	20,917	320.0%
5965 · Support Data Collect-West Yost	-	39,659	(39,659)	0.0%
5971 · Storage Agreements-WM Staff	6,427	13,000	(6,573)	49.4%
5981 · Water Acct/Database-WM Staff	68,629	108,290	(39,661)	63.4%
5991 · Water Transactions-WM Staff	4,703	5,330	(627)	88.2%
<b>Total 5900 · Judgment Admin Other Expenses</b>	<b>235,226</b>	<b>443,534</b>	<b>(208,308)</b>	<b>53.0%</b>
<b>Total 5900 · Judgment Administration</b>	<b>\$ 320,802</b>	<b>\$ 721,010</b>	<b>\$ (400,208)</b>	<b>44.5%</b>



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730

909.484.3888 www.cbwm.org

## STAFF REPORT

DATE: May 8, 2025

TO: AP/ONAP/OAP Committee Members

SUBJECT: Application: Water Transaction – Santa Ana River Water Company to Fontana Water Company (Consent Calendar Item I.C.)

Issue: The Purchase of 1,000 acre-feet of water from Santa Ana River Water Company by Fontana Water Company. This purchase is made from Santa Ana River Water Company's Annual Production Right. [Within WM Duties and Powers]

Recommendation: Provide advice and assistance to the Advisory Committee on the proposed transaction.

Financial Impact: None.

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### ACTIONS:

Appropriative Pool – May 8, 2025 [Recommended]: Advice and assistance.

Non-Agricultural Pool – May 8, 2025 [Recommended]: Advice and assistance.

Agricultural Pool – May 8, 2025 [Recommended]: Advice and assistance.

Advisory Committee – June 19, 2025 [Recommended]: Advice and assistance.

Watermaster Board – June 26, 2025 [Recommended]: Approval.



## **BACKGROUND**

On July 13, 2000, the Court approved the Peace Agreement, the Implementation Plan, and the goals and objectives identified in the OBMP Phase I Report and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge, or transfer water, as well as for applications for credits or reimbursements, and storage and recovery programs.

Where there is no Material Physical Injury, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a Party to the Judgment, there is a rebuttable presumption, under the Peace Agreement, that most of the transactions do not result in Material Physical Injury to a Party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

The date of this application is April 14, 2025. Notice of the transaction along with the materials submitted by the requestors was transmitted to stakeholders electronically on May 2, 2025.

## **DISCUSSION**

Beyond confirmation of the source of the water to be transferred (Annual Production Right, Supplemental Water, or Excess Carryover), Watermaster will evaluate the eventual disposition of the transferred water (e.g. production, storage, etc.) at the end of the production year and account for the same consistent with the Watermaster Guidance Documents.

Water transactions occur each year and are included as production by the respective entity (if produced) in any relevant analysis conducted by West Yost pursuant to the Peace Agreement and the Rules & Regulations. There is no indication that additional analysis regarding this transaction is necessary at this time. As part of the OBMP Implementation Plan, measurement of groundwater levels and ground level changes are ongoing, and based on current data, there is no indication that the proposed water transaction will cause Material Physical Injury to a Party to the Judgment, or to the Basin.

Pursuant to the Rules & Regulations, "The Application shall not be considered by the Advisory Committee until at least twenty-one (21) days after the last of the three Pool Committee meetings to consider the matter." Therefore, this application will be presented to the Advisory Committee and Watermaster Board in the month of June 2025.

## **ATTACHMENTS**

1. Consolidated Forms 3, 4, & 5
2. Notice Forms

# ATTACHMENT 1

Consolidated Forms 3, 4 & 5

## CONSOLIDATED WATER TRANSFER FORMS:

FORM 3: APPLICATION FOR SALE OR TRANSFER OF RIGHT TO PRODUCE WATER FROM STORAGE

FORM 4: APPLICATION OR AMENDMENT TO APPLICATION TO RECAPTURE WATER IN STORAGE

FORM 5: APPLICATION TO TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

FISCAL YEAR 20<sup>24</sup> - 20<sup>25</sup>

DATE REQUESTED: 4/14/2025

AMOUNT REQUESTED: 1,000.00 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b> <u>Santa Ana River Water Company</u> Name of Party <u>10530 54th Street</u> Street Address <u>Jurupa Valley</u> <u>CA</u> <u>91752</u> City State Zip Code <u>(951) 685-6503</u> Telephone Facsimile	<b>TRANSFER TO (BUYER / TRANSFEREE):</b> <u>Fontana Water Company</u> Name of Party <u>15966 Arrow Route</u> Street Address <u>Fontana</u> <u>CA.</u> <u>92335</u> City State Zip Code <u>(909) 822-2201</u> Telephone <u>(909) 823-5046</u> Facsimile
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Have any other transfers been approved by Watermaster between these parties covering the same fiscal year?

Yes ☐ No ☒

### PURPOSE OF TRANSFER:

- ☐ Pump when other sources of supply are curtailed  
☒ Pump to meet current or future demand over and above production right  
☐ Pump as necessary to stabilize future assessment amounts  
☐ Other, explain \_\_\_\_\_

### WATER IS TO BE TRANSFERRED FROM:

- ☐ Annual Production Right (Appropriative Pool) or Operating Safe Yield (Non-Agricultural Pool)  
☐ Storage  
☒ Annual Production Right / Operating Safe Yield first, then any additional from Storage  
☐ Other, explain \_\_\_\_\_

### WATER IS TO BE TRANSFERRED TO:

- ☒ Annual Production Right / Operating Safe Yield (common)  
☐ Storage (rare)  
☐ Other, explain \_\_\_\_\_

**IS THE 85/15 RULE EXPECTED TO APPLY?** (If yes, all answers below must be "yes.") Yes ☒ No ☐

Is the Buyer an 85/15 Party? Yes ☒ No ☐

Is the purpose of the transfer to meet a current demand over and above production right? Yes ☒ No ☐

Is the water being placed into the Buyer's Annual Account? Yes ☒ No ☐

**IF WATER IS TO BE TRANSFERRED FROM STORAGE:**

Varies

2024-2025

Projected Rate of Recapture

Projected Duration of Recapture

**METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):**

Pumping

**PLACE OF USE OF WATER TO BE RECAPTURED:**

Chino Basin Management Zone 3

**LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):**

N/A

**WATER QUALITY AND WATER LEVELS**Are the Parties aware of any water quality issues that exist in the area? Yes ☒ No ☐

If yes, please explain:

In 2024, perchlorate and nitrate levels ranged as high as 5.2 ppb and 8.6 ppm respectively.

What are the existing water levels in the areas that are likely to be affected?

Static Water Levels ranging from 317 feet (bgs) to 677 feet (bgs) as of February 2025.

**MATERIAL PHYSICAL INJURY**Are any of the recapture wells located within Management Zone 1? Yes ☐ No ☒Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes ☐ No ☒

If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in Material Physical Injury to a party to the Judgment or the Basin?

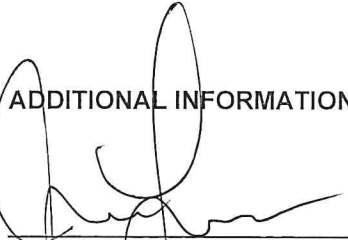
N/A

**SAID TRANSFER SHALL BE CONDITIONED UPON:**

- (1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to carry-over rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.
- (2) Transferee shall put all waters utilized pursuant to said Transfer to reasonable beneficial use.
- (3) Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.
- (4) Any Transferee not already a party must Intervene and become a party to the Judgment.

**ADDITIONAL INFORMATION ATTACHED**

Yes ☐ No ☒



Seller / Transferor Representative Signature

**John Lopez, General Manager**

Seller / Transferor Representative Name (Printed)



Buyer / Transferee Representative Signature

**Martin Zvirbulis, Vice President - Water Resources**

Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: May 2, 2025

DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM AGRICULTURAL POOL: \_\_\_\_\_

HEARING DATE, IF ANY: \_\_\_\_\_

DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

DATE OF BOARD APPROVAL: \_\_\_\_\_



***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**TRANSFER OF WATER**

Date of Notice:

May 2, 2025

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

**APPLICATION FOR TRANSFER OF WATER**

The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process.

## NOTICE OF APPLICATION(S) RECEIVED

Date of Application: **April 14, 2025**

Date of this notice: **May 02, 2025**

Please take notice that the following Application has been received by Watermaster:

- Notice of Sale or Transfer – The purchase of 1,000 acre-feet of water from Santa Ana River Water Company by Fontana Water Company. This purchase is made from Santa Ana River Water Company's Annual Production Right.

This **Application** will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 08, 2025

Non-Agricultural Pool: May 08, 2025

Agricultural Pool: May 08, 2025

This **Application** will be scheduled for consideration by the Advisory Committee **no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days** after the last pool committee reviews it.

After consideration by the Advisory Committee, the **Application** will be considered by the Board.

Unless the **Application** is amended, as **Contests** must be submitted a minimum of fourteen (14) days prior to the Advisory Committee's consideration of an **Application**, parties to the Judgment may file **Contests** to the **Application** with Watermaster **within seven calendar days** of when the last pool committee considers it. Any **Contest** must be in writing and state the basis of the **Contest**.

Watermaster address:

Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

Tel: (909) 484-3888  
Web: [www.cbwm.org](http://www.cbwm.org)  
[watertransactions@cbwm.org](mailto:watertransactions@cbwm.org)



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730  
909.484.3888    [www.cbwm.org](http://www.cbwm.org)

## STAFF REPORT

DATE: May 8, 2025  
TO: AP/ONAP/OAP Committee Members  
SUBJECT: Watermaster Fiscal Year 2025/26 Proposed Budget (Business Item II.A.)

Issue: Fiscal Year 2025/26 Budget consideration

Recommendation: Recommend Advisory Committee approval of the Watermaster Fiscal Year 2025/26 Proposed Budget as presented.

Financial Impact: The Fiscal Year 2025/26 Proposed Budget is \$11,925,729 (excluding any Carryover Funds).

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### ACTIONS:

**Appropriative Pool – May 8, 2025 [Recommended]:** Recommend Advisory Committee approval of the budget as presented.  
**Non-Agricultural Pool – May 8, 2025 [Recommended]:** Recommend Advisory Committee approval of the budget as presented.  
**Agricultural Pool – May 8, 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 (Advisory Committee Approval Required).

## BACKGROUND

To prepare a budget of anticipated expenses each year, Watermaster conducts meetings with internal staff and consultants to discuss upcoming projects and anticipated work. As the budget is developed, the related budgeted expenses are continually refined based on feedback from 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 April 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 FY 2025/26.
- Watermaster staff has also held 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 April 2025.
- In March 2025, the Treasurer of Inland Empire Utilities Agency provided Watermaster's share of the Debt Service figures to be included in the budget for FY 2025/26.
- The Groundwater Recharge Coordinating Committee 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 (GLMC) 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 April 7, 2025.
- The Prado Basin Habitat Sustainability Committee met on March 19, 2025 to review and recommend a scope and budget for the Prado Basin Habitat Sustainability Program for FY 2025/26. The Technical Memorandum regarding the proposed recommendation for the scope and budget for the Prado Basin Habitat Sustainability Program for FY 2025/26 was issued on March 12, 2025.
- The Recharge Investigations and Projects Committee meets quarterly, and the most recent meeting was held on April 17, 2025. The purpose of these meetings is to review ongoing capital projects and future years' capital expense projections, and State Revolving Fund (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 May 8, 2025 in the amount of \$11,925,729. Attachment 1 provides the Proposed FY 2025/26 Budget Detail.

## DISCUSSION

On Thursday, March 20, 2025, Watermaster submitted and presented the Proposed FY 2025/26 Budget of \$10,493,366 to the Advisory Committee in accordance with Section 30 (Annual Administrative Budget) of the Restated Judgment. The presentation provided the budget drivers, how the budget is developed, various budget comparison tables, the estimated assessment calculation, and future actions required. Representatives from West Yost and Brownstein Hyatt Farber Schreck presented their respective proposed budgets and provided information on new efforts, changes in budgets, and/or projects that are being completely removed for FY 2025/26.

Attendees at the meeting were requested to submit their budget-related questions using the FY 2025/26 Budget Questions portal located on the home page of Watermaster's website. By April 22, 2025, there were 12 questions submitted to the portal, and all responses were also posted to the portal.



The Watermaster Budget Workshop #1 was held on Tuesday, April 22, 2025. Representatives from West Yost, Brownstein Hyatt Farber Schreck, and IEUA were available during the meeting to answer questions related to their specific areas of focus as contained within the proposed budget.

The majority of the workshop focused on addressing the questions submitted through the portal, specifically on the following topics: (1) Legal services – meeting, miscellaneous general, and unanticipated expenses; (2) Projected expenses at fiscal year end; (3) Prioritization on Data Visualization – account 5965, Water Quality Management Program (WQMP) and Emerging Contaminants Monitoring Plan (EMCP) – accounts 7505 and 7520, Storage and Recovery Master Framework (SRMF) – account 7610, and Storage Management Plan (SMP) – account 7615; (4) Annual report consultant work – accounts 5945 and 6061.3; (5) Comprehensive budget for all recharge O&M in the Chino Basin; (6) Legal fees for OBMP update – account 6907.45; (7) Watermaster staff timekeeping allocations – accounts 5941 and 6011.25; (8) Compliance with State Water Resources Control Board regulation updates under account 6901.95; and (9) Updates on engineering budget summary – date corrections. In addition, a supplemental schedule was provided for the parties - a comparative analysis of changes to the proposed budget from the time of release.

An opportunity was provided at the end of the workshop for attendees to ask any questions. Parties were instructed on how to navigate to the Watermaster website portal to submit their questions, and the workshop was concluded with future required actions and next steps.

The Watermaster Budget Workshop #2 was held on Tuesday, April 29, 2025. Representatives from West Yost and Brownstein Hyatt Farber Schreck were available during the meeting to answer any questions related to their specific areas of focus within the proposed budget. The workshop focused on reviewing the changes that occurred since the first workshop using the supplemental comparative schedule and analyzing the different expense categories that make up the total budget. There were no new topics raised for discussion, and the meeting was concluded with future required actions and next steps.

Since the budget release, the following changes have occurred:

- The year-to-date actuals were updated from February to March 2025 and the projections for legal and engineering expenses were updated based on consultant's feedback.
- Production numbers were projected based on actuals through Q3 and based on the feedback received by producers.
- The budget for recharge basin O&M (account 7206) was updated and reduced to properly account for Watermaster's share of costs.
- West Yost reduced the GLMC ground-level surveys budget (accounts 7402 and 7406) by \$83,497, PE-4 for Management Zone strategies (accounts 7402 and 7402.1) by \$81,750, and Watermaster reallocated the budget cost in account number 7614 over a two-year period (into Fiscal Year 2026/27), a total Watermaster engineering budget reduction of \$244,904.
- Brownstein Hyatt Farber Schreck reduced the San Sevaïne Discharge litigation services (accounts 6907.50 and 6907.51) budget by \$16,645 and \$7,960, respectively.
- Capital project budget for College Heights basin well sensor installation increased by \$37,500 to properly account for Watermaster's share of costs.
- Watermaster reduced the budget for building repair and maintenance (account 6024) by \$9,400.
- Watermaster reduced the budget for general office supplies (account 6031.7) by \$6,700.
- Watermaster reduced the budget for building renovations (account 6025) by \$5,930.
- Watermaster reduced the budget for annual report services (account 6061.3) by \$5,000.
- Watermaster reduced the budget for conferences (account 6191) by \$3,000.
- Watermaster reduced the budget for employee training (account 6193) by \$2,870.

The comparative schedule of changes since the budget release is provided in Attachment 2. The budget total at the budget release was \$10,493,366 and the total amount at the time of this report is \$11,925,729, which has not changed since Workshop #2, and represents a total increase of \$1,432,363. The increase is a result of overall budget reductions as shown above and the addition of the FY 2025/26 GRCC budget that was unintentionally omitted during the initial budget release.

The expense sections below highlight the Proposed Fiscal Year 2025/26 budget.

	<b>FY 2024/25 Approved Budget</b>	<b>FY 2025/26 Proposed Budget</b>	<b>Budget Variance (\$)</b>	<b>Budget Variance (%)</b>
<b>Expenses</b>				
Watermaster Expenses & Salaries	\$ 3,578,186	\$ 3,779,216	\$ 201,030	6%
Engineering Services	3,215,108	2,659,500	(555,609)	(17)%
Legal Services	1,349,679	1,350,949	1,270	0%
Debt Service	772,770	2,004,693	1,231,923	159%
Recharge Basin O&M	1,587,607	2,131,372	543,765	34%
<b>Total Expenses</b>	<b>\$ 10,503,350</b>	<b>\$ 11,925,729</b>	<b>\$ 1,422,379</b>	<b>14%</b>

#### WATERMASTER EXPENSES AND SALARIES - #1

The first section of the Proposed FY 2025/26 budget relates to Watermaster Expenses, Labor, and Burden. The Watermaster expenses for FY 2025/26 are \$1,150,647 or 7% higher than the previous year's Approved Budget of \$1,074,860. Labor and Burden for FY 2025/26 are \$2,628,569 which is \$125,274 or 5% higher than the previous year's Approved Budget of \$2,503,295. The Full Time Equivalent (FTE) number of Watermaster employees for the Proposed FY 2025/26 Budget is currently at 12 FTE though not all budgeted positions are presently filled.

	<b>FY 2024/25 Approved Budget</b>	<b>FY 2025/26 Proposed Budget</b>	<b>Budget Variance (\$)</b>	<b>Budget Variance (%)</b>
<b>Watermaster Expenses</b>				
Total Expenses	\$ 1,074,860	\$ 1,150,647	\$ 75,787	7%
Total Payroll and Payroll Burden	2,503,295	2,628,569	125,274	5%
<b>Total Watermaster Expenses</b>	<b>\$ 3,578,155</b>	<b>\$ 3,779,216</b>	<b>\$ 201,061</b>	<b>6%</b>

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 3.0% 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 provided in Attachment 3.

#### 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 \$2,739,156 which is \$475,953 or 15% below the Approved FY 2024/25 Budget of \$3,215,108.

The Engineering Services documents are provided below in Attachment 4, a 48-page detailed narrative including Rationale, Scope of Work, Deliverables for each budget category, and 6 pages of supplemental information in Tables 1 through 4.

Incorporated within the Engineering Services budget of \$2,739,156 is the GLMC recommendations for FY 2025/26. The GLMC recommended a proposed budget of \$573,772 less anticipated "Carry-Over" funding of \$0 for a budget amount of \$573,772 for FY 2025/26. Based on the discussions at meetings held by the Ground-Level Monitoring Committee, the recommendations and associated budget are shown below in Attachment 5.

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 \$2,739,156 and the FY 2024/25 Approved Budget of \$3,215,108.

	FY 2024/25 Approved Budget	FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
<b>WY Engineering Services</b>				
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	301,531	20,292	7%
7402.10 · PE4 - Northwest MZ1 Area Proj.	16,656	169,378	152,722	917%
7403 · PE4-Contract Svcs-InSar	39,600	28,600	(11,000)	-28%
7406 · PE4 - Outside Professionals	38,600	55,155	16,555	43%
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	79,656	(689,307)	-90%
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	\$ 2,992,403	\$ (482,145)	(14)%
IEUA Cost Share	(123,909)	(157,248)	(33,339)	27%
Carry-Over Work	(135,530)	(96,000)	39,530	(29)%
<b>Total WY Engineering Services to be Assessed</b>	<b>\$ 3,215,108</b>	<b>\$ 2,739,156</b>	<b>\$ (475,953)</b>	<b>(15)%</b>

### 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 \$1,350,949 which is \$1,270 higher than 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 \$1,350,949 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 (%)
<b>BHFS Legal Services</b>				
<b>Administrative (6070s)</b>				
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	-	-	-	
<b>Administrative (6070s)</b>	<b>\$ 414,051</b>	<b>\$ 346,011</b>	<b>\$ (68,040)</b>	<b>(16)%</b>
<b>Meetings (62, 63, 83, 84, 85)</b>				
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%
<b>Meetings (62, 63, 83, 84, 85)</b>	<b>249,798</b>	<b>249,798</b>	<b>-</b>	<b>0%</b>
<b>OBMP (6900s)</b>				
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 Sevaire Basin Discharge	110,080	-	(110,080)	(100)%
6907.50 · San Sev Dischrg-State Ct Litig	-	54,130	54,130	
6907.51 · San Sev Dischrg-CWA Litigation	-	150,440	150,440	
6907.9 · WM Legal Counsel-Unanticipated	38,885	38,885	-	0%
<b>OBMP (6900s)</b>	<b>685,830</b>	<b>755,140</b>	<b>69,310</b>	<b>10%</b>
<b>Total BHFS Legal Services to be Assessed</b>	<b>\$ 1,349,679</b>	<b>\$ 1,350,949</b>	<b>\$ 1,270</b>	<b>0%</b>

As with the past practices over 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 for some staff did slightly increase for the FY 2025/26 period. Brownstein has provided a detailed memorandum and worksheet which is provided below in Attachment 6 dated May 1, 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. This section also includes the pay-go portion of the remaining amount for Project 23A (a Recharge Investigations and Projects Committee project) in the amount of \$1,317,040.

The Proposed FY 2025/26 Debt Service budget is \$2,004,693. The FY 2024/25 budget for this category was \$772,770. The current budget details regarding the Debt Service are shown in Attachment 7.

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 \$1,697,272. The 2024/25 budget for this category was \$1,587,607. This section also includes the recharge capital project improvements totaling \$434,100.

The detailed worksheets provided by IEUA for the FY 2025/26 budget are shown in Attachment 8.

#### ATTACHMENTS

1. 20250508 – FY 2025-26 Proposed Budget Detail\_\$11,925,729
2. 20250508 – FY 2025-26 Budget Comparative Schedule – Budget Release vs. Workshops 1 and 2
3. 20250508 – FY 2025-26 Proposed Pay Schedule\_\$2,628,569
4. 20250508 – FY 2025-26 Engineering Services Budget Narrative and Tables\_\$2,659,500
5. 20250508 – FY 2025-26 GLMC Technical Memorandum dated April 7, 2025\_\$573,772
6. 20250508 – FY 2025-26 BHFS Legal Services\_\$1,350,949
7. 20250508 – FY 2025-26 Debt Service and Recharge Basin O&M
8. 20250508 – FY 2025-26 O&M Budget\_\$1,697,272



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

**ATTACHMENT 1**

	A		B	C	D = C - A	E = D / A
	FY 2024/25 Approved Budget	YTD Actual 3/31/25	FY 2024/25 Projected Ending	FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
<b>Proposed Annual Budget - Detail</b>						
<b>Revenue</b>						
<b>Administration Revenue</b>						
<b>4000 Mutual Agency Revenue</b>						
4040 · Cooperative Agreement	191,070	191,073	191,073	195,850	4,780	3%
Local Agency Subsidies	191,070	191,073	191,073	195,850	4,780	3%
<b>4110 Appropriative Pool Assessments</b>						
4111 · Gross Administration	2,593,450	2,438,156	2,438,156	2,781,459	188,009	7%
4111.2 · OBMP - Adm Assessment	4,481,220	4,212,652	4,212,652	4,031,105	(450,115)	-10%
4111.3 · App Pool - Special Assessments	-	-	-	-	-	0%
4112 · Agric. Pool Transfer	613,510	760,153	760,153	731,462	117,952	19%
4113 · OBMP - Ag Pool Water Reall	1,060,080	1,313,461	1,313,461	1,060,092	12	0%
4114 · Ag Pool Admin & Legal Services	-	-	-	-	-	0%
4114.5 · PY - Ag Pool Admin & Legal	-	99,200	99,200	-	-	0%
4115 · Recharge Improvement Payment	-	-	-	434,100	434,100	0%
4116 · Recharge Debt Payment	772,770	772,770	772,770	2,004,693	1,231,923	159%
Admin Assessments-Appropriative Pool	9,521,030	9,596,393	9,596,393	11,042,911	1,521,881	16%
<b>4120 Non-Agricultural Pool Assessments</b>						
4123 · Non-Agricultural Pool	114,650	123,529	123,529	130,217	15,567	14%
4123.3 · Non-Ag Pool-Special Assessment	-	31,000	31,000	-	-	0%
4124 · OBMP Adm Assessment	198,100	213,433	213,433	188,721	(9,379)	-5%
Admin Assessments-Non-Ag Pool	312,750	367,962	367,962	318,938	6,188	2%
<b>Total Administration Revenue</b>	<b>10,024,850</b>	<b>10,155,428</b>	<b>10,155,428</b>	<b>11,557,699</b>	<b>1,532,849</b>	<b>15%</b>
<b>Other Revenue</b>						
<b>4225 · Interest Income</b>						
4225 · Interest Income	478,500	342,268	456,357	368,030	(110,470)	-23%
<b>4730 Prorated Interest Income</b>						
4731 · Interest - Agri. Pool	-	47,209	-	-	-	0%
4732 · Interest - Approp. Pool	-	14,900	-	-	-	0%
4733 · Interest - Non-Ag Pool	-	2,477	-	-	-	0%
4738 · Interest - Replenishment	-	3,871	-	-	-	0%
Interest Income	478,500	410,725	456,357	368,030	(110,470)	-23%
Miscellaneous Income	-	1,468	-	-	-	0%
<b>Total Other Revenue</b>	<b>478,500</b>	<b>412,193</b>	<b>456,357</b>	<b>368,030</b>	<b>(110,470)</b>	<b>-23%</b>
<b>Total Revenue</b>	<b>10,503,350</b>	<b>10,567,621</b>	<b>10,611,785</b>	<b>11,925,729</b>	<b>1,422,379</b>	<b>14%</b>
<b>Expenses</b>						
<b>Judgment Administration Expense</b>						
<b>5900 Judgment Administration Costs</b>						
5901.1 · Admin-Doc. Review-WM Staff	93,860	44,560	61,889	74,466	(19,394)	-21%
5901.3 · Admin-Field Work-WM Staff	11,860	1,716	2,384	14,357	2,497	21%
5901.5 · Admin-General-WM Staff	81,090	7,848	10,900	55,535	(25,555)	-32%
5901.7 · Admin-Meeting-WM Staff	39,710	27,893	38,741	45,648	5,938	15%
5901.8 · Admin-Meeting - West Yost	37,066	-	-	38,909	1,843	5%
5901.9 · Admin-Reporting-WM Staff	13,890	3,557	4,941	21,742	7,852	57%
5906.71 · Admin-Data Req-CBWM Staff	101,048	45,202	68,202	109,124	8,076	8%
5906.72 · Admin-Data Req-Non CBWM Staff	37,008	36,011	47,511	56,483	19,475	53%
5910 · Court Coordination/Attend-WM	16,970	3,418	4,747	28,837	11,867	70%
5911 · Exhibit G-WM Staff	6,400	1,588	2,206	6,396	(4)	0%
5921 · Production Monitoring-WM Staff	5,440	1,002	1,392	9,471	4,031	74%
5925 · Ag Prod & Estimation-West Yost	31,096	19,707	31,096	31,992	896	3%
5931 · Recharge Applications-WM Staff	-	2,318	3,219	33,092	33,092	0%
5935 · Admin-Mat'l Phy Inj Requests	39,459	1,488	16,488	41,668	2,209	6%
5941 · Reporting-WM Staff	2,140	1,648	2,289	44,602	42,462	1984%
5945 · WM Annual Report Prep-West Yost	16,924	12,659	12,659	17,762	838	5%
5951 · Rules & Regs-WM Staff	11,260	-	-	11,350	90	1%
5961 · Safe Yield-WM Staff	9,510	30,427	42,260	106,006	96,496	1015%
5965 · Support Data Collect-West Yost	39,659	-	-	17,302	(22,357)	-56%





# CHINO BASIN WATERMASTER

## PROPOSED ANNUAL BUDGET - DETAIL

### FISCAL YEAR 2025-2026

	A		B	C	D = C - A	E = D / A
	FY 2024/25 Approved Budget	YTD Actual 3/31/25	FY 2024/25 Projected Ending	FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
<b>Proposed Annual Budget - Detail</b>						
57 5971 · Storage Agreements-WM Staff	13,000	6,427	8,926	20,671	7,671	59%
58 5981 · Water Acct/Database-WM Staff	108,290	68,629	95,318	112,036	3,746	3%
59 5991 · Water Transactions-WM Staff	5,330	4,703	6,532	13,062	7,732	145%
60 Judgment Administration Costs	721,010	320,802	461,699	910,511	189,501	26%
61 <b>6010 Administration Salary Costs</b>						
62 6010.01 · Payroll Severance	-	5,331	5,331	-	-	
63 6011.11 · WM Staff - Overtime	18,000	6,600	9,213	18,000	-	0%
64 6011.10 · Accounting-WM Staff	278,330	167,401	232,502	280,410	2,080	1%
65 6011.15 · Building Admin-WM Staff	31,200	47,532	66,016	31,040	(160)	-1%
66 6011.20 · Conference/Seminar-WM Staff	58,530	32,715	45,437	50,660	(7,870)	-13%
67 6011.25 · Document Review-WM Staff	2,620	34,345	47,702	54,110	51,490	1965%
68 6011.30 · Field Work-WM Staff	-	1,563	2,171	-	-	0%
69 6011.50 · General-WM Staff	362,560	229,036	318,105	278,870	(83,690)	-23%
70 6011.60 · HR-WM Staff	50,450	94,457	131,190	100,980	50,530	100%
71 6011.70 · IT-WM Staff	34,070	57,149	79,374	72,830	38,760	114%
72 6011.80 · Meeting-WM Staff	39,760	74,760	103,833	93,640	53,880	136%
73 6011.90 · Team Building-WM Staff	41,550	18,284	25,395	33,490	(8,060)	-19%
74 6011.95 · Training-Give/Receive-WM Staff	64,160	26,040	36,167	79,580	15,420	24%
75 6012 · Payroll Services	6,640	5,440	5,890	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	2,452	3,480	270	8%
79 6017 · Temporary Services	26,040	24,229	31,625	28,250	2,210	8%
80 6018 Fringe Benefits	1,039,610	766,881	1,065,112	1,134,070	94,460	9%
81 60199 · Payroll Burden Allocated	(1,039,610)	(683,286)	(1,065,112)	(1,134,070)	(94,460)	9%
82 Administration Salary Costs	1,032,120	924,818	1,156,293	1,127,840	95,720	9%
83 <b>6020 Office Building Expense</b>						
84 6021 · Office Lease	140,720	106,774	141,779	142,835	2,115	2%
85 6022 · Telephone	17,680	8,571	11,969	17,680	-	0%
86 6023 · Office Utilities	24,740	25,353	30,499	32,020	7,280	29%
87 6024 · Building Repair & Maintenance	34,400	16,364	20,452	25,000	(9,400)	-27%
88 6025 · Building Renovations	15,930	22,517	22,517	10,000	(5,930)	-37%
89 6027 · Other Building Expense	1,000	300	300	1,000	-	0%
90 Office Building Expense	234,470	179,878	227,516	228,535	(5,935)	-3%
91 <b>6030 Office Supplies &amp; Equip.</b>						
92 6031.1 · Copy Paper	750	495	495	750	-	0%
93 6031.7 · General Office Supplies	24,610	12,067	16,089	20,000	(4,610)	-19%
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	9,071	11,696	10,000	(4,400)	-31%
97 6141.1 · Meeting Supplies	8,970	4,787	6,383	8,970	-	0%
98 6147 · Other Admin Expenses	660	2,802	2,802	660	-	0%
99 Office Supplies & Equip.	56,390	29,830	38,627	45,380	(11,010)	-20%
100 <b>6040 Postage &amp; Printing Costs</b>						
101 6042 · Postage - General	4,780	3,267	4,198	5,190	410	9%
102 6043 · Copy Machine Lease	24,190	14,401	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	17,668	23,508	27,190	(5,760)	-17%
106 <b>6050 Information Services</b>						
107 6052.2 · Database Services	91,000	10,438	15,656	91,000	-	0%
108 6052.4 · IT Managed Services	59,840	30,869	41,650	51,000	(8,840)	-15%
109 6052.5 · IT Data Backup/Storage	23,280	16,361	21,806	22,000	(1,280)	-5%
110 6053 · Internet Expense	12,610	10,333	13,757	15,600	2,990	24%
111 6054 · Computer Software	20,000	9,926	13,235	20,000	-	0%



# CHINO BASIN WATERMASTER

## PROPOSED ANNUAL BUDGET - DETAIL

### FISCAL YEAR 2025-2026

	A		B	C	D = C - A	E = D / A
	FY 2024/25 Approved Budget	YTD Actual 3/31/25	FY 2024/25 Projected Ending	FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
<b>Proposed Annual Budget - Detail</b>						
112 6055 · Computer Hardware	20,000	22,225	22,225	20,000	-	0%
113 6056 · Website Services	4,800	2,403	3,203	4,800	-	0%
114 6057 · Computer Maintenance	1,000	-	-	-	(1,000)	-100%
115 Information Services	232,530	102,554	131,533	224,400	(8,130)	-3%
116 <b>6060 WM Special Contract Services</b>						
117 6061.1 · Accounting Services Consultant	50,000	1,037	15,000	50,000	-	0%
118 6061.2 · HRIS System	2,890	2,056	2,739	4,800	1,910	66%
119 6061.3 · Annual Report Services	25,200	23,710	23,710	20,000	(5,200)	-21%
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	46,638	61,284	103,950	(7,510)	-7%
125 <b>6070 Watermaster Legal Services</b>						
126 6071 · BHFS Legal - Court Coordination	144,040	157,001	250,000	76,000	(68,040)	-47%
127 6072 · BHFS Legal - Rules & Regs	10,500	1,871	7,500	10,495	(5)	0%
128 6073 · BHFS Legal - Personnel Matters	28,150	279,200	305,000	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	111,006	190,000	177,240	-	0%
132 6078.25 · Ely 3 Basin Investigation	-	-	-	-	-	0%
133 Watermaster Legal Services	414,060	549,078	752,500	346,011	(68,049)	-16%
134 <b>6080 Insurance Expense</b>						
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 <b>6110 Dues and Subscriptions</b>						
139 6111 · Membership Dues	25,000	18,398	20,018	40,000	15,000	60%
140 6112 · Subscriptions/Publications	900	1,364	3,479	900	-	0%
141 Dues and Subscriptions	25,900	19,762	23,496	40,900	15,000	58%
142 <b>6150 Field Supplies &amp; Equipment</b>						
143 6151 · Small Tools & Equipment	450	531	531	1,000	550	122%
144 6152 · Safety Shoes	800	-	-	800	-	0%
145 6154 · Uniforms	1,950	1,469	1,469	2,100	150	8%
146 Field Supplies & Equipment	3,200	1,999	1,999	3,900	700	22%
147 <b>6170 Travel &amp; Transportation</b>						
148 6171 · Vehicle Allowance	20,400	14,400	19,200	20,400	-	0%
149 6172 · Rental Vehicle	1,000	-	-	1,000	-	0%
150 6173 · Airfare/Mileage	5,000	322	408	5,000	-	0%
151 6174 · Public Transportation	120	-	-	-	(120)	-100%
152 6175 · Vehicle Fuel	3,320	1,548	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	66,025	-	-	(70,000)	-100%
154 Travel and Transportation	104,960	83,478	23,439	35,600	(69,360)	-66%
156 <b>6190 Conferences &amp; Seminars</b>						
157 6191 · Conferences - General	15,000	12,165	12,165	12,000	(3,000)	-20%
158 6193 · Employee Training	34,370	4,967	10,000	31,500	(2,870)	-8%
159 Conferences and Seminars	49,370	17,132	22,165	43,500	(5,870)	-12%
160 <b>6200 Advisory Committee Expenses</b>						
161 6201 · WM Staff Salaries	82,850	19,732	27,405	61,397	(21,453)	-26%
162 6206 · West Yost-Eng. Serv.-Advisory	23,510	6,986	12,986	22,624	(886)	-4%
163 6275 · BHFS Legal - Advisory Committee	27,770	7,203	15,000	27,764	(6)	0%
164 Advisory Committee Expenses	134,130	33,920	55,391	111,785	(22,345)	-17%





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

		A		B	C	D = C - A	E = D / A
Proposed Annual Budget - Detail		FY 2024/25 Approved Budget	YTD Actual 3/31/25	FY 2024/25 Projected Ending	FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
165	6300 Watermaster Board Expenses						
166	6301 · WM Staff Salaries	83,910	65,218	90,581	101,669	17,759	21%
167	6306 · West Yost-Eng. Services-Board	23,510	17,588	29,013	22,624	(886)	-4%
168	6311 · Board Member Compensation	40,000	18,625	33,625	40,000	-	0%
169	6312 · Board Meeting Expenses	8,650	6,414	6,652	8,650	-	0%
170	6313 · Board Member Expenses	300	-	-	300	-	0%
171	6375 · BHFS Legal - Board Meeting	88,705	43,254	72,000	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	151,099	231,870	331,162	42,872	15%
175	8300 Appropriative Pool Administration						
176	8301 · WM Staff Salaries	67,280	85,537	118,801	89,707	22,427	33%
177	8306 · West Yost-Eng. Services-AP	23,510	12,873	19,678	22,624	(886)	-4%
178	8367 · Legal Service	-	82,722	82,722	-	-	0%
179	8375 · BHFS Legal - Appropriative Pool	34,710	9,068	13,500	34,705	(5)	0%
180	Appropriative Pool Administration	125,500	190,199	234,701	147,036	21,536	17%
181	8400 Agricultural Pool Administration						
182	8401 · WM Staff	66,005	23,450	32,570	83,199	17,194	26%
183	8406 · West Yost-Eng. Services-OAP	23,510	11,569	18,374	22,624	(886)	-4%
184	8467 · Ag Legal & Technical Services	-	110,150	146,867	-	-	0%
185	8470 · Ag Meeting Attend -Special	-	18,125	24,167	-	-	0%
186	8471 · Ag Pool Expense	-	9,454	9,454	-	-	0%
187	8475 · BHFS Legal - Agricultural Pool	34,705	9,068	13,500	34,705	-	0%
188	Agricultural Pool Administration	124,220	181,816	244,931	140,528	16,308	13%
189	8500 Non-Agricultural Pool Administration						
190	8501 · WM Staff	62,725	14,692	20,406	66,256	3,531	6%
191	8506 · West Yost-Eng. Services-ONAP	23,510	6,921	11,421	22,624	(886)	-4%
192	8511 · Non-Ag Pool Member Compensation	-	3,750	5,375	-	-	0%
193	8567 · Non-Ag Legal Service	-	9,119	11,440	-	-	0%
194	8575 · BHFS Legal - Non-Ag Pool	34,705	9,068	13,500	34,705	-	0%
195	Non-Agricultural Pool Administration	120,940	43,550	62,142	123,585	2,645	2%
196	9500 Allocated Administration Expenses						
197	9500 · Allocated Admin Expenditures	(540,830)	(270,079)	(377,329)	(403,675)	137,155	-25%
198	Allocated Administration Expenses	(540,830)	(270,079)	(377,329)	(403,675)	137,155	-25%
199	Total Judgment Administration Expenses	3,321,620	2,662,713	3,427,451	3,643,139	321,519	10%
200	OBMP Expenses & Program Elements 1-9						
201	6900 Optimum Basin Mgmt Program						
202	6901.1 · OBMP - Doc. Review - WM Staff	95,294	24,609	34,180	50,364	(44,930)	-47%
203	6901.3 · OBMP - Field Work - WM Staff	50,870	1,153	1,601	9,471	(41,399)	-81%
204	6901.5 · OBMP - General - WM Staff	81,120	75,662	105,086	52,005	(29,115)	-36%
205	6901.7 · OBMP - Meeting - WM Staff	80,360	25,280	35,111	33,487	(46,873)	-58%
206	6901.8 · OBMP - Meeting - West Yost	37,066	39,449	63,449	38,909	1,843	5%
207	6901.9 · OBMP - Reporting - WM Staff	11,040	9,052	12,573	39,176	28,136	255%
208	6901.95 · OBMP - Reporting - West Yost	62,606	55,737	56,536	66,832	4,226	7%
209	OBMP - WM Staff Salaries	418,360	230,943	308,536	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	53,499	69,999	65,810	14,370	28%
215	6906.1 · OBMP-Watermaster Model Update	67,596	6,552	15,000	8,176	(59,420)	-88%
216	6906.14 · Modeling for WSIP-100% IEUA	-	14,648	27,453	-	-	0%
217	6906.21 · State of the Basin Report	195,188	77,031	195,188	-	(195,188)	-100%
218	OBMP - Enginnering Services	314,230	151,729	307,640	73,986	(240,244)	-76%



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

		A		B		C	D = C - A	E = D / A
<i>Proposed Annual Budget - Detail</i>		FY 2024/25 Approved Budget	YTD Actual 3/31/25	FY 2024/25 Projected Ending		FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
219	<b>6907 OBMP - Legal</b>							
220	6907.31 · Archibald South Plume	12,565	-	-		12,565	-	0%
221	6907.32 · Chino Airport Plume	12,565	-	-		12,565	-	0%
222	6907.33 · Desalter/Hydraulic Control	38,680	-	-		38,680	-	0%
223	6907.34 · Santa Ana River Water Rights	21,405	1,972	3,000		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	3,481	10,000		63,200	-	0%
226	6907.39 · Recharge Master Plan	14,270	79,711	110,000		14,270	-	0%
227	6907.41 · Prado Basin Habitat Sustain	10,290	-	-		10,290	-	0%
228	6907.44 · SGMA Compliance	10,290	284	2,000		10,290	-	0%
229	6907.45 · OBMP Update	177,240	12,631	30,000		177,240	-	0%
230	6907.47 · 2020 Safe Yield Reset	80,190	41,341	100,000		151,180	70,990	89%
231	6907.48 · Ely Basin Investigation	64,890	5,633	5,633		-	(64,890)	-100%
232	6907.49 · San Sevaime Basin Discharge	110,080	33,507	75,000		-	(110,080)	-100%
233	6907.50 · San Sev Dischrg-State Ct Litig	-	-	-		54,130	-	0%
234	6907.51 · San Sev Dischrg-CWA Litigation	-	-	-		150,440	-	0%
233	6907.9 · WM Legal Counsel-Unanticipated	38,885	-	30,000		38,885	-	0%
236	OBMP - Legal Services	685,830	178,560	365,633		755,140	69,310	10%
237	<b>6909 OBMP - Miscellaneous Expenses</b>							
238	6909.3 · Other OBMP Expenses	3,540	5,447	5,447		2,200	(1,340)	-38%
239	6909.6 · OBMP Expenses - Miscellaneous	-	-	-		4,000	4,000	0%
240	OBMP - Miscellaneous Expenses	3,540	5,447	5,447		6,200	2,660	75%
241	Optimum Basin Mgmt Program	1,437,940	582,663	1,003,240		1,144,523	(293,417)	-20%
242	<b>7103 Groundwater Quality Monitoring</b>							
243	7103.6 · Grdwtr Qual-Supplies	-	-	-		4,500	4,500	0%
244	Groundwater Quality Monitoring	-	-	-		4,500	4,500	0%
246	<b>7104 Groundwater Level Monitoring</b>							
247	7104.1 · PE 1 Monitoring - WM Staff	275,499	143,663	199,532		166,708	(108,791)	-39%
248	7104.3 · Grdwtr Level-Engineering	254,627	158,552	243,452		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	30,800		29,128	2,954	11%
253	7104.9 · Grdwtr Level-Capital Equip	17,000	4,896	38,896		19,000	2,000	12%
254	Groundwater Level Monitoring	585,050	338,059	539,552		500,880	(84,170)	-14%
255	<b>7200 OBMP Pgm Element 2 - Comp Recharge</b>							
256	7201 · PE2 Comp Recharge - WM Staff	71,753	59,072	82,044		49,649	(22,104)	-31%
257	7202 · Comp Recharge-Engineering - Other	23,496	8,574	18,973		23,350	(146)	-1%
258	7202.2 · Engineering Svc	75,944	142,941	175,941		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	794,165	1,699,502		1,697,272	109,665	7%
262	OBMP Pgm Element 2 - Comp Recharge	1,774,300	1,019,058	1,997,920		1,968,267	193,967	11%
263	<b>7300 OBMP Pgm Element 3 &amp; 5 - Water Supply Plan-Desalter</b>							
264	7301 · PE3&5 Water Supply - WM Staff	9,515	374	519		19,189	9,674	102%
265	7301.1 · PE5 Regional Prgm - WM Staff	9,510	840	1,166		16,759	7,249	76%
266	7302 · PBHSP Monitoring Prog-Eng. Serv	73,305	34,672	130,093		77,792	4,487	6%
267	7303 · PE3&5-Engineering	16,180	3,088	9,654		21,080	4,900	30%
268	7305 · PE3&5-Supplies	7,000	-	-		7,000	-	0%
269	7306 · PE3&5-Outside Professionals	6,500	-	10,500		31,500	25,000	385%
270	OBMP Pgm Element 3 & 5 - Water Supply Plan	122,010	38,973	151,932		173,320	51,310	42%
271	<b>7400 OBMP Pgm Element 4 - Mgmt Zone Strategies</b>							
272	7401 · PE 4 MZ1 Mgmt Plan - WM Staff	14,040	1,759	2,443		25,595	11,555	82%
273	7402 · PE4-Engineering	281,239	179,881	297,281		301,531	20,292	7%
274	7402.10 · PE4 - Northwest MZ1 Area Proj.	16,656	81,673	88,673		169,378	152,722	917%
275	7403 · PE4-Contract Svcs-InSar	39,600	22,000	39,600		28,600	(11,000)	-28%



# CHINO BASIN WATERMASTER

## PROPOSED ANNUAL BUDGET - DETAIL

### FISCAL YEAR 2025-2026

	A		B	C	D = C - A	E = D / A
	FY 2024/25 Approved Budget	YTD Actual 3/31/25	FY 2024/25 Projected Ending	FY 2025/26 Proposed Budget	Budget Variance (\$)	Budget Variance (%)
<i>Proposed Annual Budget - Detail</i>						
276 7404 · PE4-Supplies	2,210	1,739	2,319	2,210	-	0%
277 7405 · PE4-Other Expense	2,500	1,157	1,543	2,500	-	0%
278 7406 · PE4 - Outside Professionals	38,600	-	38,660	55,155	16,555	43%
279 7408 · PE4 - Network Equipment	17,555	2,963	17,550	19,107	1,552	9%
280 OBMP Pgm Element 4 - Mgmt Zone Strategies	412,400	291,172	488,069	604,076	191,676	46%
281 <b>7500 OBMP Pgm Element 6 &amp; 7 - Coop Efforts/Salt Mgmt</b>					-	
282 7501 · PE6 Coop. Prgms - WM Staff - Other	9,514	8,008	11,122	22,983	13,469	142%
283 7501.1 · PE7 Salt Mgmt. Plan - WM Staff	9,510	4,698	6,525	16,786	7,276	77%
284 7502 · PE6&7-Engineering	398,309	262,361	424,646	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	50,057	41,300	(19,942)	-33%
287 7510 · PE6&7-IEUA Salinity Mgmt. Plan	-	20,212	42,623	9,522	9,522	0%
288 7511 · PE6&7-SAWBMPTask Force	27,067	3,131	25,131	28,022	955	4%
289 7517 · Surface Water-Chino Creek-IEUA	33,574	19,981	54,962	28,434	(5,140)	-15%
290 7520 · Prep Water Quality Mgmt Plan	130,164	2,783	17,782	39,250	(90,914)	-70%
291 7535 · PE6&7 - Supplies & Services	-	198	297	-	-	0%
292 7540 · Meter Install - New Meter	-	103,563	138,083	150,000	150,000	0%
293 7545 · Meter Install - Calibrate/Test	-	69,869	93,158	-	-	0%
294 OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt	669,380	543,284	864,387	772,078	102,698	15%
295 <b>7600 OBMP Pgm Element 8 &amp; 9 Storage Mgmt/Conj Use</b>						
296 7601 · PE8&9 Storage Mgmt. - WM Staff	22,520	22,122	30,725	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	361,872	570,000	79,656	(689,307)	-90%
300 7615 · PE8&9-Develop 2025 Storage Plan	42,632	-	12,000	137,816	95,184	223%
301 OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use	867,050	383,994	612,725	272,480	(594,570)	-69%
302 <b>7690 Recharge Improvement Debt &amp; Projects</b>					-	
303 7690.1 · Recharge Improvement Debt Pymts	772,770	955,086	955,086	2,004,693	1,231,923	159%
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	-	-	-	75,000	75,000	0%
308 GWR/Recycled Water Valve Actuator Replacement	-	-	-	37,500	37,500	0%
309 RW / GWR SCADA Infrastructure Replacement	-	-	-	21,600	21,600	0%
310 Recharge Improvement Debt & Projects	772,770	955,086	955,086	2,438,793	1,666,023	216%
311 <b>9501 Allocated Administration Expenses - OBMP</b>					-	
312 9501 · Admin Exp. Allocated-OBMP	232,750	97,466	153,246	139,094	(93,656)	-40%
313 Allocated Administration Expenses - OBMP	232,750	97,466	153,246	139,094	(93,656)	-40%
314 <b>9502 Allocated Administration Expenses - PE 1-9</b>					-	
315 9502 · Admin Exp. Allocated-PE 1-9	308,080	172,614	231,083	264,581	(43,499)	-14%
316 Allocated Administration Expenses - PE 1-9	308,080	172,614	231,083	264,581	(43,499)	-14%
317 <b>Total OBMP Program Elements 1-9</b>	<b>7,181,730</b>	<b>4,422,368</b>	<b>6,997,240</b>	<b>8,282,591</b>	<b>1,100,861</b>	<b>15%</b>
318 <b>Total Expenses</b>	<b>10,503,350</b>	<b>7,085,082</b>	<b>10,424,691</b>	<b>11,925,729</b>	<b>1,422,379</b>	<b>14%</b>
319 <b>Net Ordinary Income/(Loss)</b>	-	<b>3,482,539</b>	<b>187,094</b>	-		
320 <b>9999 · To/(From) Reserves</b>	-	-	-			
321 <b>Net Income/(Loss)</b>	-	<b>3,482,539</b>	<b>187,094</b>	-		



**CHINO BASIN WATERMASTER**  
**FISCAL YEAR 2025-2026 PROPOSED ANNUAL BUDGET**  
**COMPARATIVE OF BUDGET RELEASE VS. WORKSHOPS #1 AND #2**

**ATTACHMENT 2**

		A	B	C	D	E = D - C	F	G	H = F + G	I	J = H + I
	FY 2024/25 Approved Budget	YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
1	<b>Revenue</b>										
2	<b>Administration Revenue</b>										
3	<b>4000 Mutual Agency Revenue</b>										
4	4040 · Cooperative Agreement	191,070	191,073	191,073	191,073	-	195,850	-	195,850	-	195,850
5	Local Agency Subsidies	191,070	191,073	191,073	191,073	-	195,850	-	195,850	-	195,850
6	<b>4110 Appropriative Pool Assessments</b>										
7	4111 · Gross Administration	2,593,450	2,438,156	2,438,156	2,438,156	-	2,459,612	362,042	2,821,655	(40,196)	2,781,459
8	4111.2 · OBMP - Adm Assessment	4,481,220	4,212,652	4,212,652	4,212,652	-	3,161,993	1,634,119	4,796,112	(765,007)	4,031,105
9	4111.3 · App Pool - Special Assessments	-	-	-	-	-	-	-	-	-	-
10	4112 · Agric. Pool Transfer	613,510	760,153	760,153	760,153	-	673,425	35,935	709,360	22,102	731,462
11	4113 · OBMP - Ag Pool Water Reall	1,060,080	1,313,461	1,313,461	1,313,461	-	865,732	340,004	1,205,736	(145,644)	1,060,092
12	4114 · Ag Pool Admin & Legal Services	-	-	-	-	-	-	-	-	-	-
13	4114.5 · PY - Ag Pool Admin & Legal	-	67,702	99,200	67,702	31,499	-	-	-	-	-
14	4115 · Recharge Improvement Payment	-	-	-	-	-	396,600	37,500	434,100	-	434,100
15	4116 · Recharge Debt Payment	772,770	772,770	772,770	772,770	-	687,653	1,317,040	2,004,693	-	2,004,693
16	Admin Assessments-Appropriative Pool	9,521,030	9,564,894	9,596,393	9,564,894	31,499	8,245,016	3,726,640	11,971,656	(928,745)	11,042,911
17	<b>4120 Non-Agricultural Pool Assessments</b>										
18	4123 · Non-Agricultural Pool	114,650	123,529	123,529	123,529	-	122,863	6,112	128,975	1,242	130,217
19	4123.3 · Non-Ag Pool-Special Assessment	-	31,000	31,000	31,000	-	-	-	-	-	-
20	4124 · OBMP Adm Assessment	198,100	213,433	213,433	213,433	-	157,949	61,278	219,226	(30,505)	188,721
21	Admin Assessments-Non-Ag Pool	312,750	367,962	367,962	367,962	-	280,812	67,390	348,201	(29,263)	318,938
22	<b>Total Administration Revenue</b>	<b>10,024,850</b>	<b>10,123,929</b>	<b>10,155,428</b>	<b>10,123,929</b>	<b>31,499</b>	<b>8,721,678</b>	<b>3,794,030</b>	<b>12,515,708</b>	<b>(958,008)</b>	<b>11,557,699</b>
23	<b>Other Revenue</b>										
24	<b>4225 · Interest Income</b>										
25	4225 · Interest Income	478,500	243,365	342,268	365,047	91,310	397,520	(29,490)	368,030	-	368,030
26	<b>4730 Prorated Interest Income</b>										
27	4731 · Interest - Agri. Pool	-	36,675	47,209	-	-	-	-	-	-	-
28	4732 · Interest - Approp. Pool	-	11,528	14,900	-	-	-	-	-	-	-
29	4733 · Interest - Non-Ag Pool	-	1,826	2,477	-	-	-	-	-	-	-
30	4738 · Interest - Replenishment	-	3,565	3,871	-	-	-	-	-	-	-
31	Interest Income	478,500	296,958	410,725	365,047	91,310	397,520	(29,490)	368,030	-	368,030
32	Miscellaneous Income	-	1,468	1,468	-	-	-	-	-	-	-
33	<b>Total Other Revenue</b>	<b>478,500</b>	<b>298,425</b>	<b>412,193</b>	<b>365,047</b>	<b>91,310</b>	<b>397,520</b>	<b>(29,490)</b>	<b>368,030</b>	<b>-</b>	<b>368,030</b>
34	<b>Total Revenue</b>	<b>10,503,350</b>	<b>10,422,355</b>	<b>10,567,621</b>	<b>10,488,976</b>	<b>122,809</b>	<b>9,119,198</b>	<b>3,764,540</b>	<b>12,883,738</b>	<b>(958,008)</b>	<b>11,925,729</b>
35	<b>Expenses</b>										
36	<b>Judgment Administration Expense</b>										
37	<b>5900 Judgment Administration Costs</b>										
38	5901.1 · Admin-Doc. Review-WM Staff	93,860	41,200	44,560	64,375	(2,486)	74,466	-	74,466	-	74,466
39	5901.3 · Admin-Field Work-WM Staff	11,860	1,716	1,716	2,681	(298)	14,357	-	14,357	-	14,357
40	5901.5 · Admin-General-WM Staff	81,090	6,381	7,848	9,970	931	55,535	-	55,535	-	55,535
41	5901.7 · Admin-Meeting-WM Staff	39,710	24,182	27,893	37,785	956	45,648	-	45,648	-	45,648
42	5901.8 · Admin-Meeting - West Yost	37,066	-	-	-	-	38,909	-	38,909	-	38,909
43	5901.9 · Admin-Reporting-WM Staff	13,890	3,557	3,557	5,558	(618)	21,742	-	21,742	-	21,742
44	5906.71 · Admin-Data Req-CBWM Staff	101,048	38,822	45,202	60,659	7,543	109,124	-	109,124	-	109,124
45	5906.72 · Admin-Data Req-Non CBWM Staff	37,008	33,399	36,011	52,186	(4,675)	56,483	-	56,483	-	56,483



**CHINO BASIN WATERMASTER**  
**FISCAL YEAR 2025-2026 PROPOSED ANNUAL BUDGET**  
**COMPARATIVE OF BUDGET RELEASE VS. WORKSHOPS #1 AND #2**

			A	B	C	D	E = D - C	F	G	H = F + G	I	J = H + I
FY 2024/25 Approved Budget			YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
46	5910 · Court Coordination/Attend-WM	16,970	3,345	3,418	5,227	4,747	(480)	28,837	-	28,837	-	28,837
47	5911 · Exhibit G-WM Staff	6,400	1,588	1,588	2,482	2,206	(276)	6,396	-	6,396	-	6,396
48	5921 · Production Monitoring-WM Staff	5,440	60	1,002	94	1,392	1,298	9,471	-	9,471	-	9,471
49	5925 · Ag Prod & Estimation-West Yost	31,096	19,707	19,707	30,791	31,096	305	31,992	-	31,992	-	31,992
50	5931 · Recharge Applications-WM Staff	-	2,146	2,318	3,353	3,219	(134)	33,092	-	33,092	-	33,092
51	5935 · Admin-Mat'l Phy Inj Requests	39,459	1,488	1,488	2,324	16,488	14,163	41,668	-	41,668	-	41,668
52	5941 · Reporting-WM Staff	2,140	1,648	1,648	2,575	2,289	(286)	44,602	-	44,602	-	44,602
53	5945 · WM Annual Report Prep-West Yost	16,924	12,659	12,659	19,779	12,659	(7,120)	17,762	-	17,762	-	17,762
54	5951 · Rules & Regs-WM Staff	11,260	-	-	-	-	-	11,350	-	11,350	-	11,350
55	5961 · Safe Yield-WM Staff	9,510	25,016	30,427	39,087	42,260	3,173	106,006	-	106,006	-	106,006
56	5965 · Support Data Collect-West Yost	39,659	-	-	-	-	-	17,302	-	17,302	-	17,302
57	5971 · Storage Agreements-WM Staff	13,000	6,190	6,427	9,672	8,926	(746)	20,671	-	20,671	-	20,671
58	5981 · Water Acct/Database-WM Staff	108,290	63,747	68,629	99,605	95,318	(4,287)	112,036	-	112,036	-	112,036
59	5991 · Water Transactions-WM Staff	5,330	4,703	4,703	7,349	6,532	(817)	13,062	-	13,062	-	13,062
60	Judgment Administration Costs	721,010	291,553	320,802	455,552	461,699	6,147	910,511	-	910,511	-	910,511
61	6010 Administration Salary Costs											
62	6010.01 · Payroll Severance	-	5,331	5,331	5,331	5,331	-	-	-	-	-	-
63	6011.11 · WM Staff - Overtime	18,000	6,442	6,600	9,677	9,213	(464)	18,000	-	18,000	-	18,000
64	6011.10 · Accounting-WM Staff	278,330	147,024	167,401	229,725	232,502	2,776	280,410	-	280,410	-	280,410
65	6011.15 · Building Admin-WM Staff	31,200	45,504	47,532	71,100	66,016	(5,084)	31,040	-	31,040	-	31,040
66	6011.20 · Conference/Seminar-WM Staff	58,530	31,595	32,715	49,368	45,437	(3,931)	50,660	-	50,660	-	50,660
67	6011.25 · Document Review-WM Staff	2,620	26,853	34,345	41,957	47,702	5,745	54,110	-	54,110	-	54,110
68	6011.30 · Field Work-WM Staff	-	1,563	1,563	2,443	2,171	(271)	-	-	-	-	-
69	6011.50 · General-WM Staff	362,560	204,939	229,036	320,217	318,105	(2,112)	278,870	-	278,870	-	278,870
70	6011.60 · HR-WM Staff	50,450	92,236	94,457	144,119	131,190	(12,929)	100,980	-	100,980	-	100,980
71	6011.70 · IT-WM Staff	34,070	48,852	57,149	76,331	79,374	3,043	72,830	-	72,830	-	72,830
72	6011.80 · Meeting-WM Staff	39,760	64,207	74,760	100,324	103,833	3,509	93,640	-	93,640	-	93,640
73	6011.90 · Team Building-WM Staff	41,550	16,022	18,284	25,034	25,395	361	33,490	-	33,490	-	33,490
74	6011.95 · Training-Give/Receive-WM Staff	64,160	25,123	26,040	39,254	36,167	(3,087)	79,580	-	79,580	-	79,580
75	6012 · Payroll Services	6,640	5,189	5,440	5,789	5,890	102	2,500	-	2,500	-	2,500
76	6013 · Human Resources Services	15,000	-	-	-	-	-	-	-	-	-	-
77	6015.5 · Retention Bonus Payment - GM	-	13,889	13,889	13,889	13,889	-	-	-	-	-	-
78	6016 · New Employee Search Costs	3,210	2,452	2,452	2,980	2,452	(527)	3,480	-	3,480	-	3,480
79	6017 · Temporary Services	26,040	24,229	24,229	38,751	31,625	(7,126)	28,250	-	28,250	-	28,250
80	6018 Fringe Benefits	1,039,610	673,219	766,881	1,051,904	1,065,112	13,208	1,134,070	-	1,134,070	-	1,134,070
81	60199 · Payroll Burden Allocated	(1,039,610)	(609,610)	(683,286)	(952,516)	(1,065,112)	(112,596)	(1,134,070)	-	(1,134,070)	-	(1,134,070)
82	Administration Salary Costs	1,032,120	825,058	924,818	1,275,675	1,156,293	(119,383)	1,127,840	-	1,127,840	-	1,127,840
83	6020 Office Building Expense											
84	6021 · Office Lease	140,720	94,871	106,774	141,779	141,779	-	142,835	-	142,835	-	142,835
85	6022 · Telephone	17,680	7,484	8,571	11,969	11,969	-	17,680	-	17,680	-	17,680
86	6023 · Office Utilities	24,740	23,240	25,353	30,499	30,499	-	32,020	-	32,020	-	32,020
87	6024 · Building Repair & Maintenance	34,400	13,915	16,364	20,452	20,452	-	34,400	-	34,400	(9,400)	25,000
88	6025 · Building Renovations	15,930	22,517	22,517	22,517	22,517	-	15,930	-	15,930	(5,930)	10,000
89	6027 · Other Building Expense	1,000	300	300	300	300	-	1,000	-	1,000	-	1,000
90	Office Building Expense	234,470	162,327	179,878	227,516	227,516	-	243,865	-	243,865	(15,330)	228,535





**CHINO BASIN WATERMASTER**  
**FISCAL YEAR 2025-2026 PROPOSED ANNUAL BUDGET**  
**COMPARATIVE OF BUDGET RELEASE VS. WORKSHOPS #1 AND #2**

		A	B	C	D	E = D - C	F	G	H = F + G	I	J = H + I
	FY 2024/25 Approved Budget	YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
91	<b>6030 Office Supplies &amp; Equip.</b>										
92	6031.1 · Copy Paper	750	234	495	234	495	261	750	-	-	750
93	6031.7 · General Office Supplies	24,610	9,177	12,067	13,766	16,089	2,323	26,700	(6,700)	20,000	20,000
94	6036 · Minor Office Furniture	5,000	608	608	1,162	1,162	-	5,000	-	5,000	5,000
95	6038 · Other Office Equipment	2,000	-	-	-	-	-	-	-	-	-
96	6039.1 · Banking Service Charges	14,400	7,797	9,071	11,696	11,696	-	10,000	-	10,000	10,000
97	6141.1 · Meeting Supplies	8,970	3,747	4,787	5,620	6,383	763	8,970	-	8,970	8,970
98	6147 · Other Admin Expenses	660	2,643	2,802	2,643	2,802	158	660	-	660	660
99	Office Supplies & Equip.	56,390	24,207	29,830	35,122	38,627	3,506	52,080	(6,700)	45,380	45,380
100	<b>6040 Postage &amp; Printing Costs</b>										
101	6042 · Postage - General	4,780	2,799	3,267	4,198	4,198	-	5,190	-	5,190	5,190
102	6043 · Copy Machine Lease	24,190	12,873	14,401	19,310	19,310	-	20,000	-	20,000	20,000
103	6045 · Printing	3,000	-	-	-	-	-	1,500	-	1,500	1,500
104	6046 · Legal Publications/Services	980	-	-	-	-	-	500	-	500	500
105	Postage and Printing Costs	32,950	15,672	17,668	23,508	23,508	-	27,190	-	27,190	27,190
106	<b>6050 Information Services</b>										
107	6052.2 · Database Services	91,000	10,438	10,438	15,656	15,656	-	91,000	-	91,000	91,000
108	6052.4 · IT Managed Services	59,840	27,767	30,869	41,650	41,650	-	51,000	-	51,000	51,000
109	6052.5 · IT Data Backup/Storage	23,280	14,537	16,361	21,806	21,806	-	22,000	-	22,000	22,000
110	6053 · Internet Expense	12,610	9,171	10,333	13,757	13,757	-	15,600	-	15,600	15,600
111	6054 · Computer Software	20,000	4,346	9,926	6,519	13,235	6,716	20,000	-	20,000	20,000
112	6055 · Computer Hardware	20,000	8,885	22,225	13,327	22,225	8,898	20,000	-	20,000	20,000
113	6056 · Website Services	4,800	1,610	2,403	2,415	3,203	788	4,800	-	4,800	4,800
114	6057 · Computer Maintenance	1,000	-	-	-	-	-	-	-	-	-
115	Information Services	232,530	76,754	102,554	115,131	131,533	16,402	224,400	-	224,400	224,400
116	<b>6060 WM Special Contract Services</b>										
117	6061.1 · Accounting Services Consultant	50,000	617	1,037	6,027	15,000	8,973.15	50,000	-	50,000	50,000
118	6061.2 · HRIS System	2,890	1,823	2,056	2,739	2,739	-	4,800	-	4,800	4,800
119	6061.3 · Annual Report Services	25,200	22,201	23,710	22,201	23,710	1,509	25,000	(5,000)	20,000	20,000
120	6061.5 · Court Filing Services	2,000	-	-	-	-	-	-	-	-	-
121	6062 · Audit Services - Other	18,750	16,775	16,775	16,775	16,775	-	19,450	-	19,450	19,450
122	6062.5 · Audit Support Services	4,620	3,060	3,060	3,060	3,060	-	1,700	-	1,700	1,700
123	6068 · Hearing Officer	8,000	-	-	-	-	-	8,000	-	8,000	8,000
124	WM Special Contract Services	111,460	44,476	46,638	50,802	61,284	10,482	108,950	(5,000)	103,950	103,950
125	<b>6070 Watermaster Legal Services</b>										
126	6071 · BHFS Legal - Court Coordination	144,040	102,084	157,001	153,126	250,000	96,874	76,000	-	76,000	76,000
127	6072 · BHFS Legal - Rules & Regs	10,500	-	1,871	-	7,500	7,500	10,495	-	10,495	10,495
128	6073 · BHFS Legal - Personnel Matters	28,150	256,490	279,200	256,490	305,000	48,510	28,150	-	28,150	28,150
129	6074 · BHFS Legal - Interagency Issues	40,540	-	-	-	-	-	40,536	-	40,536	40,536
130	6077 · BHFS Legal - Party Status Maint	13,590	-	-	-	-	-	13,590	-	13,590	13,590
131	6078 · BHFS Legal - Miscellaneous	177,240	78,108	111,006	117,162	190,000	72,838	177,240	-	177,240	177,240
132	6078.25 · Ely 3 Basin Investigation	-	-	-	-	-	-	-	-	-	-
133	Watermaster Legal Services	414,060	436,682	549,078	526,778	752,500	225,722	346,011	-	346,011	346,011



**CHINO BASIN WATERMASTER**  
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		A	B	C	D	E = D - C	F	G	H = F + G	I	J = H + I
	FY 2024/25 Approved Budget	YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
134	<b>6080 Insurance Expense</b>										
135	6085 - Business Insurance Package	50,690	38,572	51,685	51,685	-	55,000	-	55,000	-	55,000
136	6086 - Position Bond Insurance	260	-	-	-	-	-	-	-	-	-
137	Insurance Expense	50,950	38,572	51,685	51,685	-	55,000	-	55,000	-	55,000
138	<b>6110 Dues and Subscriptions</b>										
139	6111 - Membership Dues	25,000	18,398	20,018	20,018	-	40,000	-	40,000	-	40,000
140	6112 - Subscriptions/Publications	900	1,304	3,479	3,479	-	900	-	900	-	900
141	Dues and Subscriptions	25,900	19,702	23,496	23,496	-	40,900	-	40,900	-	40,900
142	<b>6150 Field Supplies &amp; Equipment</b>										
143	6151 - Small Tools & Equipment	450	531	531	531	-	1,000	-	1,000	-	1,000
144	6152 - Safety Shoes	800	-	-	-	-	800	-	800	-	800
145	6154 - Uniforms	1,950	504	1,469	1,469	964	2,100	-	2,100	-	2,100
146	Field Supplies & Equipment	3,200	1,035	1,035	1,999	964	3,900	-	3,900	-	3,900
147	<b>6170 Travel &amp; Transportation</b>										
148	6171 - Vehicle Allowance	20,400	12,800	19,200	19,200	-	20,400	-	20,400	-	20,400
149	6172 - Rental Vehicle	1,000	-	-	-	-	1,000	-	1,000	-	1,000
150	6173 - Airfare/Mileage	5,000	272	408	408	-	5,000	-	5,000	-	5,000
151	6174 - Public Transportation	120	-	-	-	-	-	-	-	-	-
152	6175 - Vehicle Fuel	3,320	1,371	2,056	2,056	-	3,600	-	3,600	-	3,600
153	6177 - Vehicle Repairs & Maintenance	5,120	1,183	1,775	1,775	-	5,600	-	5,600	-	5,600
154	6179 - Vehicle Purchase(s)	70,000	65,731	-	-	-	-	-	-	-	-
154	Travel and Transportation	104,960	81,357	23,439	23,439	-	35,600	-	35,600	-	35,600
156	<b>6190 Conferences &amp; Seminars</b>										
157	6191 - Conferences - General	15,000	7,006	9,102	12,165	3,063	15,000	-	15,000	(3,000)	12,000
158	6193 - Employee Training	34,370	4,967	8,370	10,000	1,630	34,370	-	34,370	(2,870)	31,500
159	Conferences and Seminars	49,370	11,973	17,472	22,165	4,693	49,370	-	49,370	(5,870)	43,500
160	<b>6200 Advisory Committee Expenses</b>										
161	6201 - WM Staff Salaries	82,850	17,158	26,809	27,405	596	61,397	-	61,397	-	61,397
162	6206 - West Yost-Eng. Serv.-Advisory	23,510	4,257	6,386	12,986	6,601	22,624	-	22,624	-	22,624
163	6275 - BHFS Legal - Advisory Committee	27,770	5,583	8,375	15,000	6,625	27,764	-	27,764	-	27,764
164	Advisory Committee Expenses	134,130	26,998	41,570	55,391	13,821	111,785	-	111,785	-	111,785
165	<b>6300 Watermaster Board Expenses</b>										
166	6301 - WM Staff Salaries	83,910	60,410	94,390	90,581	(3,810)	101,669	-	101,669	-	101,669
167	6306 - West Yost-Eng. Services-Board	23,510	12,231	25,512	29,013	3,500	22,624	-	22,624	-	22,624
168	6311 - Board Member Compensation	40,000	14,375	33,625	33,625	-	40,000	-	40,000	-	40,000
169	6312 - Board Meeting Expenses	8,650	4,890	5,043	6,652	1,609	8,650	-	8,650	-	8,650
170	6313 - Board Member Expenses	300	-	-	-	-	300	-	300	-	300
171	6375 - BHFS Legal - Board Meeting	88,705	31,673	50,270	72,000	21,730	88,704	-	88,704	-	88,704
172	6375.1 - BHFS Legal - Board Workshop(s)	29,215	-	-	-	-	29,215	-	29,215	-	29,215
173	6375.2 - Board Workshop Expenses-Misc.	14,000	-	-	-	-	40,000	-	40,000	-	40,000
174	Watermaster Board Expenses	288,290	123,578	208,840	231,870	23,030	331,162	-	331,162	-	331,162



**CHINO BASIN WATERMASTER**  
**FISCAL YEAR 2025-2026 PROPOSED ANNUAL BUDGET**  
**COMPARATIVE OF BUDGET RELEASE VS. WORKSHOPS #1 AND #2**

		A	B	C	D	E = D - C	F	G	H = F + G	I	J = H + I
		YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
175	<b>8300 Appropriative Pool Administration</b>										
176	8301 - WM Staff Salaries	67,280	73,577	114,964	118,801	3,837	89,707	-	89,707	-	89,707
177	8306 - West Yost-Eng. Services-AP	23,510	10,880	12,873	15,799	3,879	22,624	-	22,624	-	22,624
178	8367 - Legal Service	-	74,269	74,269	82,722	8,453	-	-	-	-	-
179	8375 - BHFS Legal - Appropriative Pool	34,710	6,487	10,589	13,500	2,911	34,705	-	34,705	-	34,705
180	Appropriative Pool Administration	125,500	165,212	215,621	234,701	19,081	147,036	-	147,036	-	147,036
181	<b>8400 Agricultural Pool Administration</b>										
182	8401 - WM Staff	66,005	20,270	31,672	32,570	897	83,199	-	83,199	-	83,199
183	8406 - West Yost-Eng. Services-OAP	23,510	10,156	15,234	18,374	3,140	22,624	-	22,624	-	22,624
184	8467 - Ag Legal & Technical Services	-	78,000	117,000	146,867	29,867	-	-	-	-	-
185	8470 - Ag Meeting Attend -Special	-	13,375	20,063	24,167	4,104	-	-	-	-	-
186	8471 - Ag Pool Expense	-	9,454	14,181	9,454	(4,727)	-	-	-	-	-
187	8475 - BHFS Legal - Agricultural Pool	34,705	6,487	9,730	13,500	3,770	34,705	-	34,705	-	34,705
188	Agricultural Pool Administration	124,220	137,742	207,880	244,931	37,052	140,528	-	140,528	-	140,528
189	<b>8500 Non-Agricultural Pool Administration</b>										
190	8501 - WM Staff	62,725	12,595	19,680	20,406	726	66,256	-	66,256	-	66,256
191	8506 - West Yost-Eng. Services-ONAP	23,510	6,456	11,359	11,421	63	22,624	-	22,624	-	22,624
192	8511 - Non-Ag Pool Member Compensation	-	2,875	5,375	5,375	-	-	-	-	-	-
193	8567 - Non-Ag Legal Service	-	6,204	11,440	11,440	-	-	-	-	-	-
194	8575 - BHFS Legal - Non-Ag Pool	34,705	6,487	6,487	13,500	7,013	34,705	-	34,705	-	34,705
195	Non-Agricultural Pool Administration	120,940	34,617	54,340	62,142	7,802	123,585	-	123,585	-	123,585
196	<b>9500 Allocated Administration Expenses</b>										
197	9500 - Allocated Admin Expenditures	(540,830)	(232,731)	(362,526)	(377,329)	(14,803)	(413,582)	5,559	(408,023)	4,348	(403,675)
198	Allocated Administration Expenses	(540,830)	(232,731)	(362,526)	(377,329)	(14,803)	(413,582)	5,559	(408,023)	4,348	(403,675)
199	<b>Total Judgment Administration Expenses</b>	<b>3,321,620</b>	<b>2,284,783</b>	<b>3,192,935</b>	<b>3,427,451</b>	<b>234,517</b>	<b>3,666,132</b>	<b>(6,141)</b>	<b>3,659,990</b>	<b>(16,852)</b>	<b>3,643,139</b>
200	<b>OBMP Expenses &amp; Program Elements 1-9</b>										
201	<b>6900 Optimum Basin Mgmt Program</b>										
202	6901.1 - OBMP - Doc. Review - WM Staff	95,294	23,301	36,409	34,180	(2,229)	50,364	-	50,364	-	50,364
203	6901.3 - OBMP - Field Work - WM Staff	50,870	1,153	1,801	1,601	(200)	9,471	-	9,471	-	9,471
204	6901.5 - OBMP - General - WM Staff	81,120	62,341	97,407	105,086	7,679	52,005	-	52,005	-	52,005
205	6901.7 - OBMP - Meeting - WM Staff	80,360	20,618	32,215	35,111	2,896	33,487	-	33,487	-	33,487
206	6901.8 - OBMP - Meeting - West Yost	37,066	19,358	49,013	63,449	14,436	38,909	-	38,909	-	38,909
207	6901.9 - OBMP - Reporting - WM Staff	11,040	5,934	9,271	12,573	3,302	39,176	-	39,176	-	39,176
208	6901.95 - OBMP - Reporting - West Yost	62,606	40,228	41,372	56,536	15,164	66,832	-	66,832	-	66,832
209	OBMP - WM Staff Salaries	418,356	172,932	267,489	308,536	41,047	290,245	-	290,245	-	290,245
210	<b>6903 OBMP - SAWPA Group</b>										
211	6903 - OBMP SAWPA Group	15,990	15,984	15,984	15,984	-	18,952	-	18,952	-	18,952
212	OBMP - SAWPA Group	15,990	15,984	15,984	15,984	-	18,952	-	18,952	-	18,952
213	<b>6906 OBMP - Engineering Services</b>										
214	6906 - OBMP Engineering Services - Other	51,440	47,698	62,899	69,999	7,100	65,810	-	65,810	-	65,810
215	6906.1 - OBMP-Watermaster Model Update	67,596	6,552	6,552	15,000	8,448	8,176	-	8,176	-	8,176
216	6906.14 - Modeling for WSIP-100% IEUA	-	5,571	27,453	27,453	-	-	-	-	-	-
217	6906.21 - State of the Basin Report	195,188	44,574	44,574	195,188	150,614	-	-	-	-	-
218	OBMP - Engineering Services	314,224	104,394	141,477	307,640	166,162	73,986	-	73,986	-	73,986





**CHINO BASIN WATERMASTER**  
**FISCAL YEAR 2025-2026 PROPOSED ANNUAL BUDGET**  
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		A	B	C	D	E = D - C	F	G	H = F + G	I	J = H + I
	FY 2024/25 Approved Budget	YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
219	<b>6907 OBMP - Legal</b>										
220	6907.31 · Archibald South Plume	12,565	-	-	-	-	12,565	-	12,565	-	12,565
221	6907.32 · Chino Airport Plume	12,565	-	-	-	-	12,565	-	12,565	-	12,565
222	6907.33 · Desalter/Hydraulic Control	38,680	-	-	-	-	38,680	-	38,680	-	38,680
223	6907.34 · Santa Ana River Water Rights	21,405	370	1,972	605	3,000	21,405	-	21,405	-	21,405
224	6907.36 · Santa Ana River Habitat	31,280	-	-	-	-	-	-	-	-	-
225	6907.38 · Reg. Water Quality Cntrl Board	63,200	852	3,481	1,318	10,000	63,200	-	63,200	-	63,200
226	6907.39 · Recharge Master Plan	14,270	73,153	79,711	109,682	110,000	14,270	-	14,270	-	14,270
227	6907.41 · Prado Basin Habitat Sustain	10,290	-	-	4,016	-	10,290	-	10,290	-	10,290
228	6907.44 · SGMA Compliance	10,290	284	284	387	2,000	10,290	-	10,290	-	10,290
229	6907.45 · OBMP Update	177,240	-	12,631	276	30,000	177,240	-	177,240	-	177,240
230	6907.47 · 2020 Safe Yield Reset	80,190	33,915	41,341	59,573	100,000	151,180	-	151,180	-	151,180
231	6907.48 · Ely Basin Investigation	64,890	5,359	5,633	8,512	5,633	-	-	-	-	-
232	6907.49 · San Sevaine Basin Discharge	110,080	-	33,507	-	75,000	-	-	-	-	-
233	6907.50 · San Sev Dischrg-State Ct Litig	-	-	-	-	-	70,775	(16,645)	54,130	-	54,130
234	6907.51 · San Sev Dischrg-CWA Litigation	-	-	-	-	-	158,400	(7,960)	150,440	-	150,440
233	6907.9 · WM Legal Counsel-Unanticipated	38,885	-	-	-	30,000	38,885	-	38,885	-	38,885
236	OBMP - Legal Services	685,830	113,933	178,560	184,369	365,633	779,745	(24,605)	755,140	-	755,140
237	<b>6909 OBMP - Miscellaneous Expenses</b>										
238	6909.3 · Other OBMP Expenses	3,540	2,172	5,447	2,172	5,447	2,200	-	2,200	-	2,200
239	6909.6 · OBMP Expenses - Miscellaneous	-	-	-	-	-	4,000	-	4,000	-	4,000
240	OBMP - Miscellaneous Expenses	3,540	2,172	5,447	2,172	5,447	6,200	-	6,200	-	6,200
241	Optimum Basin Mgmt Program		409,415	582,663	611,492	1,003,240	1,169,128	(24,605)	1,144,523	-	1,144,523
242	<b>7103 Groundwater Quality Monitoring</b>										
243	7103.6 · Grdwtr Qual-Supplies	-	-	-	-	-	4,500	-	4,500	-	4,500
244	Groundwater Quality Monitoring	-	-	-	-	-	4,500	-	4,500	-	4,500
246	<b>7104 Groundwater Level Monitoring</b>										
247	7104.1 · PE 1 Monitoring - WM Staff	275,499	125,605	143,663	196,258	199,532	166,708	-	166,708	-	166,708
248	7104.3 · Grdwtr Level-Engineering	254,627	133,926	158,552	223,254	243,452	274,794	-	274,794	-	274,794
249	7104.4 · Grdwtr Level-WM Staff-Services	500	-	-	-	-	-	-	-	-	-
250	7104.6 · Grdwtr Level-Supplies	2,250	1,849	1,849	1,970	1,970	2,250	-	2,250	-	2,250
251	7104.7 · Grdwtr Level-WM Staff-Cap Equip	9,000	17,300	17,300	24,903	24,903	9,000	-	9,000	-	9,000
252	7104.8 · Grdwtr Level-Contracted Serv	26,174	11,800	11,800	11,800	30,800	29,128	-	29,128	-	29,128
253	7104.9 · Grdwtr Level-Capital Equip	17,000	4,896	4,896	30,812	38,896	19,000	-	19,000	-	19,000
254	Groundwater Level Monitoring	585,050	295,376	338,059	488,997	539,552	500,880	-	500,880	-	500,880
255	<b>7200 OBMP Pgm Element 2 - Comp Recharge</b>										
256	7201 · PE2 Comp Recharge - WM Staff	71,753	51,558	59,072	80,559	82,044	49,649	-	49,649	-	49,649
257	7202 · Comp Recharge-Engineering - Other	23,496	5,116	8,574	11,256	18,973	23,350	-	23,350	-	23,350
258	7202.2 · Engineering Svc	75,944	121,337	142,941	165,111	175,941	181,496	-	181,496	-	181,496
259	7204 · Comp Recharge-Supplies	2,000	-	-	-	-	2,000	-	2,000	-	2,000
260	7205 · Comp Recharge-Other Expense	13,500	14,306	14,306	21,460	21,460	14,500	-	14,500	-	14,500
261	7206 · Comp Recharge-O&M	1,587,607	397,082	794,165	595,624	1,699,502	1,317,040	1,317,040	2,634,080	(936,808)	1,697,272
262	OBMP Pgm Element 2 - Comp Recharge	1,774,300	589,399	1,019,058	874,009	1,997,920	1,588,035	1,317,040	2,905,075	(936,808)	1,968,267



**CHINO BASIN WATERMASTER**  
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	FY 2024/25 Approved Budget	YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
263	<b>7300 OBMP Pgm Element 3 &amp; 5 - Water Supply Plan-Desalter</b>										
264	7301 - PE3&5 Water Supply - WM Staff	9,515	374	-	519	519	19,189	-	19,189	-	19,189
265	7301.1 - PE5 Regional Prgm - WM Staff	9,510	840	1,312	1,166	(146)	16,759	-	16,759	-	16,759
266	7302 - PBHSP Monitoring Prog-Eng. Serv	73,305	34,672	76,375	130,093	53,718	77,792	-	77,792	-	77,792
267	7303 - PE3&5-Engineering	16,180	3,088	4,631	9,654	5,023	21,080	-	21,080	-	21,080
268	7305 - PE3&5-Supplies	7,000	-	-	-	-	7,000	-	7,000	-	7,000
269	7306 - PE3&5-Outside Professionals	6,500	-	-	10,500	10,500	31,500	-	31,500	-	31,500
270	OBMP Pgm Element 3 & 5 - Water Supply Plan	122,010	36,805	82,318	151,932	69,614	173,320	-	173,320	-	173,320
271	<b>7400 OBMP Pgm Element 4 - Mgmt Zone Strategies</b>										
272	7401 - PE 4 MZ1 Mgmt Plan - WM Staff	14,040	1,759	-	2,443	2,443	25,595	-	25,595	-	25,595
273	7402 - PE4-Engineering	281,239	146,202	219,302	297,281	77,979	314,263	(12,732)	301,531	-	301,531
274	7402.10 - PE4 - Northwest MZ1 Area Proj.	16,656	76,348	114,522	88,673	(25,849)	241,128	(71,750)	169,378	-	169,378
275	7403 - PE4-Contract Svcs-InSar	39,600	22,000	33,000	39,600	6,600	28,600	-	28,600	-	28,600
276	7404 - PE4-Supplies	2,210	1,548	2,322	2,319	(3)	2,210	-	2,210	-	2,210
277	7405 - PE4-Other Expense	2,500	(96)	(144)	1,543	1,687	2,500	-	2,500	-	2,500
278	7406 - PE4 - Outside Professionals	38,600	-	86,447	38,660	(47,787)	135,920	(80,765)	55,155	-	55,155
279	7408 - PE4 - Network Equipment	17,555	295	442	17,550	17,108	19,107	-	19,107	-	19,107
280	OBMP Pgm Element 4 - Mgmt Zone Strategies	412,400	246,297	455,892	488,069	32,177	769,323	(165,247)	604,076	-	604,076
281	<b>7500 OBMP Pgm Element 6 &amp; 7 - Coop Efforts/Salt Mgmt</b>										
282	7501 - PE6 Coop. Prgms - WM Staff - Other	9,514	8,008	10,177	11,122	945	22,983	-	22,983	-	22,983
283	7501.1 - PE7 Salt Mgmt. Plan - WM Staff	9,510	4,324	6,756	6,525	(232)	16,786	-	16,786	-	16,786
284	7502 - PE6&7-Engineering	398,309	262,361	209,812	424,646	214,834	365,564	-	365,564	-	365,564
285	7502.2 - PE7-Groundwtr Quality Model	-	-	-	-	-	70,216	-	70,216	-	70,216
286	7505 - PE6&7-Lab Services	61,242	48,482	72,722	50,057	(22,666)	41,300	-	41,300	-	41,300
287	7510 - PE6&7-IEUA Salinity Mgmt. Plan	-	28,891	43,337	42,623	(714)	9,522	-	9,522	-	9,522
288	7511 - PE6&7-SAWBMPTask Force	27,067	3,131	4,477	25,131	20,655	28,022	-	28,022	-	28,022
289	7517 - Surface Water-Chino Creek-IEUA	33,574	24,967	37,450	54,962	17,512	28,434	-	28,434	-	28,434
290	7520 - Prep Water Quality Mgmt Plan	130,164	2,783	4,174	17,782	13,608	39,250	-	39,250	-	39,250
291	7535 - PE6&7 - Supplies & Services	-	198	297	297	-	-	-	-	-	-
292	7540 - Meter Install - New Meter	-	103,563	-	138,083	138,083	150,000	-	150,000	-	150,000
293	7545 - Meter Install - Calibrate/Test	-	69,869	260,147	93,158	(166,989)	-	-	-	-	-
294	OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt	669,380	502,060	649,348	864,387	215,038	772,078	-	772,078	-	772,078
295	<b>7600 OBMP Pgm Element 8 &amp; 9 Storage Mgmt/Conj Use</b>										
296	7601 - PE8&9 Storage Mgmt. - WM Staff	22,520	22,122	34,566	30,725	(3,841)	33,288	-	33,288	-	33,288
297	7604 - PE8&9-Supplies	350	-	-	-	-	-	-	-	-	-
298	7610 - PE8&9-Support 2020 Mgmt. Plan	32,585	-	-	-	-	21,720	-	21,720	-	21,720
299	7614 - PE8&9-Develop S&R Master Plan	768,963	277,070	415,605	570,000	154,395	159,312	(79,656)	79,656	-	79,656
300	7615 - PE8&9-Develop 2025 Storage Plan	42,632	-	-	12,000	12,000	137,816	-	137,816	-	137,816
301	OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use	867,050	299,192	450,171	612,725	162,554	352,136	(79,656)	272,480	-	272,480
302	<b>7690 Recharge Improvement Debt &amp; Projects</b>										
303	7690.1 - Recharge Improvement Debt Pymts	772,770	955,086	955,086	955,086	-	687,653	1,317,040	2,004,693	-	2,004,693
304	GWR-RW OIT Upgrades	-	-	-	-	-	25,000	-	25,000	-	25,000
305	Ground Water Recharge Condition Assessments	-	-	-	-	-	25,000	-	25,000	-	25,000



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	FY 2024/25 Approved Budget	YTD Actual 2/28/25	YTD Actual 3/31/25	Advisory Committee FY 2024/25 Projected Ending	Workshops FY 2024/25 Projected Ending	Change in Projections	Advisory Committee FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #1 FY 2025/26 Proposed Budget	Proposed Budget Adjustments (+/-)	Workshop #2 FY 2025/26 Proposed Budget
306	GWR Basin PLC Upgrades	-	-	-	-	-	250,000	-	250,000	-	250,000
307	College Heights Basin Well Sensor Installation	-	-	-	-	-	37,500	37,500	75,000	-	75,000
308	GWR/Recycled Water Valve Actuator Replacement	-	-	-	-	-	37,500	-	37,500	-	37,500
309	RW / GWR SCADA Infrastructure Replacement	-	-	-	-	-	21,600	-	21,600	-	21,600
310	Recharge Improvement Debt & Projects	772,770	955,086	955,086	955,086	-	1,084,253	1,354,540	2,438,793	-	2,438,793
311	9501 Allocated Administration Expenses - OBMP										
312	9501 · Admin Exp. Allocated-OBMP	232,750	81,364	97,466	150,317	2,929	142,508	(1,915)	140,592	(1,498)	139,094
313	Allocated Administration Expenses - OBMP	232,750	81,364	97,466	150,317	2,929	142,508	(1,915)	140,592	(1,498)	139,094
314	9502 Allocated Administration Expenses - PE 1-9										
315	9502 · Admin Exp. Allocated-PE 1-9	308,080	151,367	172,614	219,209	231,083	11,874	271,074	(3,643)	267,431	(2,850)
316	Allocated Administration Expenses - PE 1-9	308,080	151,367	172,614	219,209	231,083	11,874	271,074	(3,643)	267,431	(2,850)
317	Total OBMP Program Elements 1-9	7,181,730	3,566,361	4,422,368	4,936,840	6,997,240	2,060,401	6,827,234	2,396,513	9,223,747	(941,157)
318	Total Expenses	10,503,350	5,851,145	7,085,082	8,129,774	10,424,691	2,294,917	10,493,366	2,390,372	12,883,738	(958,008)
319	Net Ordinary Income/(Loss)	-	4,571,210	3,482,539	2,359,202	187,094	(2,172,109)	(1,374,168)	1,374,168	-	-
320	9999 · To/(From) Reserves	-	-	-	-	-	1,374,168	(1,374,168)	-	-	-
321	Net Income/(Loss)	-	4,571,210	3,482,539	2,359,202	187,094	(2,172,109)	-	-	-	-

## ATTACHMENT 3

CHINO BASIN WATERMASTER			FISCAL YEAR 2025/26							Effective Date: July 1, 2025								
PAY SCHEDULE										Approved by Board:								
Revision Date: March 11, 2025																		
										MONTHLY								
POSITION	TYPE	FTE COUNT								LOW			MEDIAN			HIGH		
General Manager										\$22,756.93			\$23,894.00			\$25,088.27		
			HOURLY										MONTHLY					
			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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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			\$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)																		

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

PREPARED FOR

Chino Basin Watermaster



PREPARED BY



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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.<sup>1</sup>
  - **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.

<sup>1</sup> 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.



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



- **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 \$2,992,403. Cost sharing contributions by IEUA (~\$157,248) reduces the estimated costs for Watermaster engineering services to about \$2,835,156, which is about \$834,827 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
<b>Total</b>	<b>\$113,121</b>

### 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
<b>Total</b>	<b>\$77,818</b>

### 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
<b>Total</b>	<b>\$41,668</b>

### 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
<b>Total</b>	<b>\$109,124</b>

#### 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
<b>Total</b>	<b>\$56,483</b>

#### 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
<b>Total</b>	<b>\$23,596</b>

#### 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 1<sup>st</sup>. 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, 2025.
- The draft report will be delivered to Watermaster and its Attorney for review and comment by September 15, 2025.
- The final report will be delivered to Watermaster and its Attorney by September 27, 2025.

## 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
<b>Total</b>	<b>\$24,068</b>

### 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
<b>Total</b>	<b>\$65,810</b>

### 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 <sup>2</sup>	Task 2	Total
Consultant Labor	\$60,000	\$8,176	\$68,176
Other Direct Costs	\$0	\$0	\$0
<b>Total</b>	<b>\$60,000</b>	<b>\$8,176</b>	<b>\$68,176</b>

### 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,<sup>3</sup> including hydrologic data, pumping data, and recharge data.

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

<sup>3</sup> 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
<b>Total</b>	<b>\$19,168</b>

#### 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
<b>Total</b>	<b>\$17,762</b>

### 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 48<sup>th</sup> 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
<b>Total</b>	<b>\$283,552</b>

### 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.<sup>4</sup> 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<sup>5</sup>, Hydraulic Control demonstrations, the Triennial Ambient Water Quality Recomputation<sup>6</sup>, 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)<sup>7</sup> and the Prado Basin Habitat Sustainability Program (PBHSP)<sup>8</sup> 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.<sup>9</sup>

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<sup>4</sup> OBMP Program Element 1—*Develop and Implement Comprehensive Monitoring Program*.

<sup>5</sup> 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.

<sup>6</sup> 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](http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf)

<sup>7</sup> 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](http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf) and are more specifically described in 2014 HCMP Work Plan.

<sup>8</sup> 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.

<sup>9</sup> 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.<sup>10</sup>
  - 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<sup>11</sup> and EnviroStor<sup>12</sup> 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.

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<sup>10</sup> 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.

<sup>11</sup> <http://geotracker.waterboards.ca.gov/>

<sup>9</sup> <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
<b>Total</b>	<b>\$331,922</b>

### 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,<sup>13</sup> 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.<sup>14</sup> Hydraulic Control demonstrations and the Triennial Ambient Water Quality Recomputation are required by the Basin Plan.<sup>15</sup> 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.

<sup>13</sup> 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.

<sup>14</sup> 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.

<sup>15</sup> 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](http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/docs/chapter5.pdf)



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



- 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<sup>16</sup> 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 cooperators 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<sup>17</sup> 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.

<sup>16</sup> 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.

<sup>17</sup> 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.

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

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- 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	\$168,191
Other Direct Costs	\$93,643
<b>Total</b>	<b>\$261,834</b>

### 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 <sup>18</sup>
Consultant Labor	\$155,093
Other Direct Costs	\$63,490
<b>Total</b>	<b>\$218,583</b>

#### 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.<sup>19</sup> 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.

<sup>18</sup> IEUA will cost share 50 percent of this task.

<sup>19</sup> 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
<b>Total</b>	<b>\$23,350</b>

#### 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.<sup>20</sup>

#### 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.

<sup>20</sup> 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
<b>Total</b>	<b>\$31,992</b>

### 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
<b>Total</b>	<b>\$17,302</b>

#### 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 2025/26. 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 <sup>21</sup>
Consultant Labor	\$180,896
Other Direct Costs	\$600
<b>Total</b>	<b>\$181,496</b>

### 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 Watermaster 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.

<sup>21</sup> 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
<b>Total</b>	<b>\$21,080</b>

### 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
<b>Total</b>	<b>\$152,559</b>

#### 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
<b>Total</b>	<b>\$241,128</b>

#### 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<sup>22</sup> 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;

<sup>22</sup> [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 <sup>23</sup>
Consultant Labor	\$208,828
Other Direct Costs	\$1,700
<b>Total</b>	<b>\$210,528</b>

### 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<sup>24</sup> (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

<sup>23</sup> Includes \$10,000 of expected carryover from FY 2024/25.

<sup>24</sup>[http://www.swrcb.ca.gov/santaana/water\\_issues/programs/basin\\_plan/docs/chapter5.pdf](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)<sup>25</sup>
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 mg/l and the TIN concentration does not equal or exceed 8 mg/l.
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 15<sup>th</sup> of each year.

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<sup>25</sup> 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 mg/l 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
<b>Total</b>	<b>\$19,044</b>

#### 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 mg/l and 8 mg/l. 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 mg/l TDS for three consecutive months or 8 mg/l 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 the 12-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.

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



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
<b>Total</b>	<b>\$28,023</b>

#### 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.

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



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 <sup>26</sup>
Consultant Labor	\$74,214
Other Direct Costs	\$2,654
<b>Total</b>	<b>\$76,868</b>

### 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.

<sup>26</sup> 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.

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



- 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<sup>27</sup> to continue this work over FY 2026/27 is about \$106,000.

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<sup>27</sup> 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
<b>Total</b>	<b>\$39,250</b>

### **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

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



- 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
<b>Total</b>	<b>\$21,720</b>

### 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
<b>Total</b>	<b>\$85,280</b>	<b>\$74,032</b>	<b>\$159,312</b>

### 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.<sup>28</sup> 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.

<sup>28</sup> 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
<b>Total</b>	<b>\$137,816</b>

### 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 on 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		Notes	Task	Other Direct Costs			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				
				Total Labor		Total ODCs						Task	Project	Account		
Account	Group			Person Days	Cost											
			Task	Project	Account							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	44.0	\$110,808	\$2,313	\$300	\$60,000	\$113,121		\$113,121	\$60,000	\$113,121			
5901.8, 6901.8	General	f	Other General Meetings as Requested	30.0	\$75,968	\$1,850			\$77,818		\$77,818					
5935	General	abcC	Material Physical Injury Requests	19.5	\$41,668				\$41,668		\$41,668					
5906.71	General	f	Miscellaneous Data Requests - GM/Watermaster Staff	50.0	\$108,824				\$109,124		\$109,124					
5906.72	General	f	Miscellaneous Data Requests - Non CBWM Staff/RFI	25.3	\$56,483				\$56,483		\$56,483					
6901.95	General	e	Annual Streamflow Monitoring Report - Water Rights Permit 21225	12.5	\$23,596				\$23,596		\$23,596					
6901.95	General	e	SGMA Reporting Requirement for WC Section 10720.8 (f)	11.8	\$24,068				\$24,068		\$24,068					
6906	General	f	Project Management	29.3	\$65,810				\$65,810		\$65,810					
6906.1	General	bdC	Watermaster Model Application and Required Demonstrations	3.5	\$8,176				\$68,176		\$68,176					
6901.95	General	e	Compliance with SWRCB Regulations Regarding Measurement and Reporting	9.5	\$19,168				\$19,168		\$19,168					
5945	General	ej	Diversion of Water				\$17,762		\$17,762							
Assist Watermaster in Preparing the 48th Annual Report					8.0	\$17,762						\$17,762				
Program Element 1: Comprehensive Monitoring Program					\$876,812			\$275,723	\$16,000	\$1,168,535	\$109,292	\$1,059,244	\$16,000	\$1,043,244		
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	5.0	\$10,408		\$7,000	\$7,000	\$10,408		\$10,408	\$7,000	\$10,408			
7502	PE1/GWQMP	abcd	GWQMP: FIELD-as needed field support	14.5	\$21,472	\$2,060			\$30,532		\$30,532					
7505	PE1/GWQMP	abcd	GWQMP: LAB	0.0		\$21,400				\$21,400						
7502	PE1/GWQMP	abcd	GWQMP: DB-Field-Lab	7.0	\$12,136				\$12,136		\$12,136					
7502	PE1/GWQMP	abcd	GWQMP: DB-CBDC	73.0	\$126,744				\$126,744		\$126,744					
7502	PE1/HCMP	Ccd	HCMP: GWQ/SWQ - SARWC/NAWQA/SAR	15.8	\$23,904	\$3,120			\$27,024		\$27,024					
7505	PE1/HCMP	Ccd	HCMP: GWQ/SWQ - SARWC/NAWQA/SAR - LAB	0.0		\$8,200				\$8,200						
7502	PE1/HCMP	Ccd	HCMP: GWQ HCMP MWs	15.5	\$23,156	\$2,850			\$26,006		\$26,006					
7505	PE1/HCMP	Ccd	HCMP: GWQ HCMP MWs - LAB	0.0		\$11,700				\$11,700						
7502	PE1/RWGRP	ce	PBHSP: SWQMP	5.3	\$9,202	\$200					\$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	3.3	\$6,814		\$4,900	\$9,000	\$6,814		\$6,814	\$9,000	\$6,814			
7104.3	PE1/GWLMP	abcd	GWLMP: KEY	3.0	\$5,568				\$5,568		\$5,568					
7104.3	PE1/GWLMP	abcd	GWLMP: HCMP/GWR/MZ1/MZ3/MWL: FIELD	44.0	\$64,592				\$69,492		\$69,492					
7104.3	PE1/GWLMP	abcd	GWLMP: HCMP/GWR/MZ1/MZ3/MWL: DB-WL	31.4	\$53,960				\$53,960		\$53,960					
7104.3	PE1/GWLMP	abcd	GWLMP: DB-CBDC	39.2	\$65,523				\$65,523		\$65,523					
7104.3	PE1/GWLMP	e	CASGEM Reporting	5.1	\$8,460				\$8,460		\$8,460					
7104.8	PE1/GWLMP	abcd	GWLMP: Contract Services	4.5	\$7,128	\$22,000			\$38,128		\$38,128					
7104.9	PE1/GWLMP	abcd	GWLMP: Capital Equipment (Transducers)			\$19,000			\$19,000		\$19,000					
7104.3	PE4/MZ-1	abC	GWLMP: Northwest MZ-1 Area: GWLMP	18.0	\$28,640	\$2,010			\$30,650		\$30,650					
7104.3	PE1/RWGRP	ce	GWLMP: PBHSP	19.6	\$33,177	\$1,150			\$34,327		\$34,327					
7402 MZ-1 Ground Level Monitoring Program					\$168,191			\$93,643	\$0	\$261,834	\$0	\$261,834	\$0	\$261,834		
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	20.8	\$30,963	\$1,287			\$32,250		\$32,250		\$32,250			
7408	PE1/GLMP	abC	MZ1-GLMP: Setup and Maintenance of Monitoring Network - Equipment	6.0	\$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	22.0	\$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	36.5	\$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	\$64,031	\$0	\$64,031	\$0			
7402	PE1/GLMP	abC	MZ1-GLMP: Ground Level Surveys	4.5	\$8,876				\$8,876		\$8,876		\$8,876			
7406	PE1/GLMP	abC	MZ1-GLMP: Ground Level Surveys - Outside Pro			\$55,155			\$55,155		\$55,155		\$55,155			
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	16.5	\$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	1.4	\$2,953	\$250			\$3,203	\$1,602	\$1,602		\$1,602			
7302	PE1/RWGRP	ce	PBHSP - Prepare Annual Report	46.5	\$93,209	\$120			\$93,329	\$46,664	\$46,664		\$46,664			
7302	PE1/RWGRP	ce	PBHSP - Meetings and Project Administration	10.1	\$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	10.3	\$23,350				\$23,350		\$23,350		\$23,350			

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

Watermaster		Notes	Task	Other Direct Costs			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					
				Total Labor		Total ODCs						Task	Project	Account			
Account	Group			Person Days	Cost		Task	Project	Account								
			Task	Project	Account												
5925 Agriculture Production Estimation				\$11,992		\$20,000	\$0	\$31,992	\$0	\$31,992	\$0	\$31,992					
5925	General	J	Agricultural Production Estimation	5.5	\$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	10.0	\$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	9.0	\$19,584	\$600		\$20,184		\$20,184		\$20,184					
7202.2	PE2	abcdC	2013 RMPU Implementation & As-Requested Support for Recharge Project Analyses	24.0	\$51,712			\$51,712		\$51,712		\$51,712					
7202.2	PE2	abcdC	2023 RMPU Implementation	46.0	\$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	9.0	\$21,080			\$21,080		\$21,080		\$21,080					
7400 Program Element 4: Mgmt Zone Strategies					\$281,255	\$30,682	\$0	\$311,937	\$0	\$311,937	\$0	\$311,937					
7402 Engineering Services					\$281,255	\$30,682	\$0	\$311,937	\$0	\$311,937	\$0	\$311,937					
Subtask 5 - Data Analyses and Reports								\$81,668		\$81,668	\$0						
7402	PE4/MZ-1	abC	PE4/MZ-1: Data Analyses and Reports	43.8	\$81,668			\$81,668		\$81,668		\$81,668					
Subtask 6 - Develop a Subsidence Management Plan for Northwest MZ-1							\$0	\$169,378	\$0	\$169,378	\$0						
7402.1	PE4/MZ-1	abC	Aquifer-System Monitoring	2.5	\$4,792			\$4,792		\$4,792		\$4,792					
7402.1	PE4/MZ-1	abC	Refurbish PX; Periodically check and adjust extensometers	9.25	\$15,963	\$30,287		\$46,250		\$46,250		\$46,250					
7402.1	PE4/MZ-1	abC	Refine and Evaluate Subsidence-Management Alternatives	50.3	\$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	25.3	\$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	30.0	\$52,632	\$200		\$52,832		\$52,832		\$52,832					
7502	PE6-7	Ccd	PE7: Maximum Benefit Annual Report	23.3	\$43,612			\$43,612		\$43,612		\$43,612					
7502	PE6-7	de	PE7: Prepare Updated Groundwater and Surface Water Monitoring Work Plan	8.0	\$17,204		\$10,000	\$27,204		\$27,204	\$10,000	\$17,204					
7502.2	PE6-7	de	PE7: Prepare a Work Plan to Improve the Chino Basin Groundwater Quality Model - Pending Discussion on Cost Share with IEUA	28.5	\$70,216			\$70,216		\$70,216		\$70,216					
7502	PE6-7	abC	As needed support for implementation of PE 6/7	6.8	\$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	7.0	\$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	11.4	\$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	34.2	\$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	16.5	\$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	9.5	\$21,520	\$200		\$21,720		\$21,720		\$21,720					
7614	PE8-9	beC	Support Implementation of the Safe Yield Court Order	78.0	\$158,912	\$400		\$159,312		\$159,312		\$159,312					
7615	PE8-9	abJ	Develop 2025 Storage Management Plan	60.0	\$137,616	\$200		\$137,816		\$137,816		\$137,816					
Totals				1,269	\$2,565,350	\$2,565,350	\$321,053	\$321,053	\$321,053	\$106,000	\$2,992,403	\$157,248	\$2,835,156	\$96,000	\$2,739,156	\$2,739,156	\$2,739,156

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 <sup>1</sup>	Watermaster Engineering Cost Estimate FY 24/25 <sup>2</sup>	Net Change
<b>General Optimum Basin Management Program/Judgment Administration</b>		<b>\$616,795</b>	<b>\$762,945</b>	<b>(\$146,151)</b>
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)
<b>7100 Program Element 1: Comprehensive Monitoring Program</b>		<b>\$1,059,244</b>	<b>\$1,085,996</b>	<b>(\$26,752)</b>
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	\$261,834	\$261,971	(\$137)
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)
<b>7200 Program Element 2: Comprehensive Recharge Program</b>		<b>\$181,496</b>	<b>\$175,944</b>	<b>\$5,552</b>
7202.2	PE2: Comprehensive Recharge Program	\$181,496	\$175,944	\$5,552
<b>7300 Program Elements 3 &amp; 5: Water Supply Plan - Desalter</b>		<b>\$21,080</b>	<b>\$16,180</b>	<b>\$4,900</b>
7303	PE3-5: Engineering Support for Desalters	\$21,080	\$16,180	\$4,900
<b>7400 Program Element 4: Management Zone Strategies</b>		<b>\$311,937</b>	<b>\$374,677</b>	<b>(\$62,740)</b>
7402	PE4/MZ-1: Data Analyses, Reports, Meetings, and Administration	\$142,559	\$215,021	(\$72,462)
7402.1	PE4: Subsidence Management Plan for Northwest MZ-1	\$169,378	\$159,656	\$9,722
<b>7500 Program Elements 6 &amp; 7: Cooperative Efforts/Salt Management</b>		<b>\$325,756</b>	<b>\$368,640</b>	<b>(\$42,883)</b>
7502, 7502.2	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)
<b>7600 Program Elements 8 &amp; 9: Storage Management/Conjunctive Use</b>		<b>\$318,848</b>	<b>\$885,602</b>	<b>(\$566,754)</b>
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
<b>Totals</b>		<b>\$2,835,156</b>	<b>\$3,669,983</b>	<b>(\$834,827)</b>

**Notes:**

<sup>1</sup> Total engineering cost estimate (\$2,992,403) minus estimated IEUA cost-share contribution (\$157,248) from Table 1

<sup>2</sup> 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
<b>General Optimum Basin Management Program/Judgment Administration</b>		<b>(\$146,151)</b>	
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.
<b>7100 Program Element 1: Comprehensive Monitoring Program</b>		<b>(\$26,752)</b>	
7502, 7505	Groundwater Quality Monitoring Program	(\$48,916)	The scope for FY 2024/25 included additional sampling for the ECMP and triennial 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	(\$137)	
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.
<b>7200 Program Element 2: Comprehensive Recharge Program</b>		<b>\$5,552</b>	
7202.2	PE2: Comprehensive Recharge Program	\$5,552	
<b>7300 Program Elements 3 &amp; 5: Water Supply Plan - Desalter</b>		<b>\$4,900</b>	
7303	PE3-5: Engineering Support for Desalters	\$4,900	
<b>7400 Program Element 4: Mgmt Zone Strategies</b>		<b>(\$62,740)</b>	
7402	PE4/MZ-1: Data Analyses, Reports, Meetings, and Administration	(\$72,462)	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	\$9,722	
<b>7500 Program Elements 6 &amp; 7: Coop Efforts/Salt Mgmt</b>		<b>(\$42,883)</b>	
7502, 7502.2	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.
7510	Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin - IEUA Cost Share	(\$11,230)	

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
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 meetings 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		(\$834,827)	

**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		\$ 1,168,535	\$ 892,812	\$ 9,302	\$ 9,270	\$ 1,596	\$ 25,250	\$ 41,300	\$ 189,005
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	\$ 261,834	168,191	1,572	470	1,596	6,250	-	83,755
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		\$ 311,937	\$ 281,255	\$ 395	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000
7402	PE4/MZ-1: Data Analyses, Reports, Meetings, and Administration	\$ 142,559	142,164	395	-	-	-	-	-
7402.1	PE4: Subsidence Management Plan for Northwest MZ-1	\$ 169,378	139,091	-	-	-	15,000	-	15,000
7500 Program Elements 6 & 7: Coop Efforts/Salt Mgmt		\$ 373,712	\$ 364,927	\$ 4,085	\$ 1,200	\$ -	\$ -	\$ -	\$ 3,500
7502, 7502.2	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		\$ 2,992,403	\$ 2,671,350	\$ 19,645	\$ 10,470	\$ 1,596	\$ 40,250	\$ 41,300	\$ 207,505

**Notes:**

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

## TECHNICAL MEMORANDUM

DATE: April 7, 2025 Project No.: 941-80-24-22

TO: Ground-Level Monitoring Committee

FROM: West Yost Associates

REVIEWED BY: Andy Malone, PG

SUBJECT: Recommended Scope-of-Work and Budget for the Ground-Level Monitoring Program for Fiscal Year 2025/26 **(FINAL)**

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### BACKGROUND AND PURPOSE

Pursuant to the Optimum Basin Management Program Implementation Plan and the Peace Agreement, the Chino Basin Watermaster (Watermaster) implements a Subsidence Management Plan (SMP) for the Chino Basin to minimize or stop the occurrence of land subsidence and ground fissuring. The Court approved the SMP and ordered its implementation in November 2007 (2007 SMP). The 2007 SMP was updated in 2015 (2015 SMP) and can be downloaded from the Watermaster [website](#). The SMP outlines a program of monitoring, data analysis, and annual reporting. A key element of the SMP is its adaptive nature—Watermaster can adjust the SMP as warranted by the data.

The Watermaster Engineer, with the guidance of the Ground-Level Monitoring Committee (GLMC), prepares annual reports which include: the results of the monitoring program; interpretations of the data; recommendations for the Ground-Level Monitoring Program (GLMP) for the following fiscal year (FY); and recommendations for adjustments to the SMP, if any.

This Technical Memorandum (TM) describes the Watermaster Engineer’s recommended activities for the GLMP for FY 2025/26 in the form of a proposed scope-of-work and budget.

Members of the GLMC are asked to:

- Review this draft TM prior to March 6, 2025.
- Attend a meeting of the GLMC at 10:00 am on March 6, 2025 to discuss the proposed scope-of-work and budget for FY 2025/26.
- Submit comments and suggested revisions on the proposed scope-of-work and budget for FY 2025/26 to the Watermaster by April 3, 2025.

A final scope-of-work and budget that addresses the comments and suggested revisions of the GLMC will be included in the Watermaster’s proposed budget for FY 2025/26. The final scope-of-work and budget for FY 2025/26 will be included in Section 4 of the *2025/26 Annual Report for the GLMP*.

### RECOMMENDED SCOPE-OF-WORK AND BUDGET – FY 2025/26

A proposed scope-of-work for the GLMP for FY 2025/26 is shown in Table 1 as a line-item cost estimate. The proposed scope-of-work is summarized below.



Table 1. Work Breakdown Structure and Cost Estimates for the Ground-Level Monitoring Program: FY 2025/26

Task Description			Notes	Labor (days)		Other Direct Costs					Totals				
				Person Days	Total	Travel	New Equip.	Equip. Rental	Outside Pro	Misc.	Total	Totals by Task	Recommended Budget 2025/26	Approved Budget 2024/25	Net Change from 2024/25
													a	b	a - b
Task 1. Setup and Maintenance of the Monitoring Network					\$42,291						\$9,066	\$51,357	\$51,357	\$48,239	\$3,118
1.1	Maintain Extensometer Facilities														
	1.1.1	Routine maintenance of Ayala Park, Chino Creek, and Pomona extensometer facilities		21	\$30,963	\$687	\$250	\$350			\$1,287	\$32,250	\$32,250	\$30,685	\$1,565
	1.1.2	Replacement/repair of equipment at extensometer facilities		6	\$11,328	\$183	\$6,000				\$6,183	\$17,511	\$17,511	\$15,957	\$1,554
1.2	Annual Lease Fees for the Chino Creek extensometer facility			0	\$0					\$1,596	\$1,596	\$1,596	\$1,596	\$1,596	\$0
Task 2. MZ-1: Aquifer-System Monitoring and Testing					\$34,408						\$822	\$35,230	\$35,230	\$33,508	\$1,722
2.1	Conduct Quarterly Monitoring at Extensometers Facilities														
	2.1.1	Download data from the Ayala Park Extensometer facility		4	\$5,720	\$351		\$40			\$391	\$6,111	\$6,111	\$5,808	\$303
	2.1.2	Download data from the Chino Creek Extensometer facility		4	\$5,720			\$40			\$40	\$5,760	\$5,760	\$5,476	\$284
	2.1.3	Download data from Pomona Extensometer facility		4	\$5,720	\$351		\$40			\$391	\$6,111	\$6,111	\$5,808	\$303
	2.1.4	Process, check, and upload data to database		10	\$17,248						\$0	\$17,248	\$17,248	\$16,416	\$832
Task 3. Basin Wide Ground-Level Monitoring Program (InSAR)					\$82,616						\$28,600	\$111,216	\$111,216	\$104,480	\$6,736
3.1	Satellite tasking and data selection with Airbus for 2025/26			0.5	\$1,200					\$1,000	\$1,000	\$2,200	\$2,200	\$104,480	\$6,736
3.2	Assess SAR baselines for 2025/26 and select/purchase TerraSAR-X frames from Airbus			0.5	\$1,200					\$10,000	\$10,000	\$11,200	\$11,200		
3.3	Prepare and check interferograms for 2025/26			28	\$66,144						\$0	\$66,144	\$66,144		
3.4	GAMMA software for InSAR processing (initial purchase + annual maintenance)			0	\$0					\$17,600	\$17,600	\$17,600	\$17,600		
3.5	Compile and prepare DWR InSAR estimates for Chino Basin; Compare to TerraSAR-X			7.5	\$14,072						\$0	\$14,072	\$14,072		
Task 4. Perform Ground-Level Surveys					\$8,876						\$55,155	\$64,031	\$64,031	\$45,744	\$18,287
4.1	Conduct Spring-2026 Elevation surveys in Northwest MZ-1			1.5	\$2,732				\$40,155		\$40,155	\$42,887	\$42,887	\$29,888	\$12,999
4.2	Conduct Spring-2026 Elevation Survey in the Northeast Area			0	\$0				\$53,805		\$0	\$0	\$0	\$0	\$0
4.3	Conduct Spring-2026 Elevation Survey in the Southeast Area			0	\$0				\$56,584		\$0	\$0	\$0	\$0	\$0
4.4	Conduct Spring-2026 Elevation and EDM Surveys in the Managed Area/Fissure Zone			0	\$0				\$46,800		\$0	\$0	\$0	\$0	\$0
4.5	Conduct GPS Survey in the Northeast Area			0	\$0				\$5,000		\$5,000	\$5,000	\$5,000	\$0	\$5,000
4.6	Replace Destroyed Benchmarks (if needed)			0	\$0				\$10,000		\$10,000	\$10,000	\$10,000	\$10,000	\$0
4.7	Process, Check, and Update Database			3	\$6,144						\$0	\$6,144	\$6,144	\$5,856	\$288
Task 5. Data Analysis and Reporting					\$81,668						\$0	\$81,668	\$81,668	\$87,084	-\$5,416
5.1	Prepare Draft 2024/25 Annual Report of the Ground-Level Monitoring Committee			19	\$34,896						\$0	\$34,896	\$34,896	\$36,744	-\$1,848
5.2	Prepare Final 2024/25 Annual Report of the Ground-Level Monitoring Committee			6.5	\$14,432						\$0	\$14,432	\$14,432	\$16,820	-\$2,388
5.3	Compile and Analyze Data from the 2025/26 Ground-Level Monitoring Program			12	\$22,704						\$0	\$22,704	\$22,704	\$23,520	-\$816
5.4	Continue Whispering Lakes Subsidence Investigation			6.25	\$9,636						\$0	\$9,636	\$9,636	\$10,000	-\$364
Task 6. Develop a Subsidence-Management Plan for Northwest MZ-1					\$139,091						\$30,287	\$169,378	\$169,378	\$16,656	\$152,722
6.1	Aquifer-System Monitoring														
	6.1.1	Collect pumping and piezometric data from agencies every three months; check and upload data to HDX		0	\$0						\$0	\$0	\$0	\$8,448	-\$8,448
	6.1.2	Prepare and analyze charts and data graphics of pumping and recharge (Northwest MZ-1), piezometric levels, and aquifer-system deformation from PX		2.5	\$4,792						\$0	\$4,792	\$4,792	\$8,208	-\$3,416
	6.1.3	Refurbish PX with help from outside professional; Continue to periodically check and adjust extensometers		9.25	\$15,963	\$287	\$15,000		\$15,000		\$30,287	\$46,250	\$46,250	\$0	\$46,250
6.2	Refine and Evaluate Subsidence-Management Alternatives														
	6.2.1	Review 2025 SYR results and prepare up to two (2) SMAs		4	\$9,416						\$0	\$9,416	\$9,416	\$0	\$118,336
	6.2.2	Prepare draft TM that describes the SMAs		6.5	\$15,192						\$0	\$15,192	\$15,192		
	6.2.3	Prepare for and meet with the GLMC to receive feedback on the draft TM		2	\$4,992						\$0	\$4,992	\$4,992		
	6.2.4	Run the SMAs with the CVM and 1D Models		25.25	\$59,988						\$0	\$59,988	\$59,988		
	6.2.5	Prepare draft TM to describe SMA results, interpretations and recommendations		7.5	\$16,912						\$0	\$16,912	\$16,912		
	6.2.6	Prepare for and meet with the GLMC to receive feedback on the draft TM		2	\$4,992						\$0	\$4,992	\$4,992		
	6.2.7	Prepare final TM to describe SMA results, interpretations and recommendations		3	\$6,844						\$0	\$6,844	\$6,844		
Task 7. Meetings and Administration					\$60,496						\$395	\$60,891	\$60,891	\$57,937	\$2,955
7.1	Prepare for and Conduct Four Meetings of the Ground-Level Monitoring Committee		a	14	\$33,312	\$307					\$307	\$33,619	\$33,619	\$32,035	\$1,585
7.2	Prepare for and Conduct One As-Requested Ad-Hoc Meeting		a	3	\$7,128	\$88					\$88	\$7,216	\$7,216	\$6,876	\$340
7.3	Perform Monthly Project Management			3	\$8,112						\$0	\$8,112	\$8,112	\$7,728	\$384
7.4	Prepare a Recommended Scope and Budget for the GLMC for FY 2026/27			5.25	\$11,944						\$0	\$11,944	\$11,944	\$11,298	\$646
Totals					\$449,446						\$124,325		\$573,772	\$393,647	\$180,125

Notes:

a Assumes in-person meetings.

## **Task 1. Setup and Maintenance of the Monitoring Network**

The Chino Basin extensometer facilities are key monitoring facilities for the GLMP. They require regular and as-needed maintenance and calibration to remain in good working order and to ensure the recording of accurate measurements.

### ***Task 1.1. Maintain Extensometer Facilities***

This subtask includes performing monthly visits to the Ayala Park, Chino Creek, and Pomona extensometer (PX) facilities to ensure functionality and calibration of the monitoring equipment and data loggers. Two staff members are required for these visits due to safety concerns.

Non-routine efforts to be performed during FY 2025/26 under this subtask include:

- Monthly adjustments to the PX extensometers to improve the accuracy of the measurements of aquifer-system deformation.
- Replace extensometer transducers and CR1000 control panel as needed.

### ***Task 1.2. Annual Lease Fees for the Chino Creek Extensometer Site***

The County of San Bernardino (County) owns the land the Chino Creek extensometer facility is located on. As such, the Watermaster entered into a lease agreement with the County in 2012 and pays the County an annual rental payment of \$1,596.

## **Task 2. Aquifer-System Monitoring and Testing**

This task involves the collection, compilation, and checking of hydraulic head and aquifer-system deformation data from the Ayala Park, Chino Creek, and PX extensometer facilities.

### ***Task 2.1. Conduct Quarterly Monitoring at Extensometer Facilities***

This subtask involves the routine quarterly collection, processing, and checking of data from the three extensometer facilities in the Chino Basin. Quarterly data collection is necessary to ensure that the monitoring equipment is in good working order and to minimize the risk of losing data because of equipment malfunction. For this subtask, the complete extensometer and piezometer records from the Ayala Park, Chino Creek, and PX facilities are loaded to HydroDaVE<sup>SM</sup> (Hydrologic Database and Visual Explanations), the annual report figures are updated, and all the new data are checked for accuracy. If the data indicated malfunctioning equipment or inaccurate measurements, then any necessary adjustments to the monitoring equipment are made. Two staff members are required for these visits due to safety concerns.

## **Task 3. Basin-Wide Ground-Level Monitoring Program (InSAR)**

This task involves the annual collection and analysis of Synthetic Aperture Radar (SAR) scenes to estimate the vertical ground motion across the western portion of Chino Basin from March 2025 to March 2026.<sup>1</sup>

In this subtask, five SAR scenes that are acquired by the TerraSAR-X satellite from March 2025 to March 2026 are purchased from the German Aerospace Center. West Yost will use the SAR scenes to

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<sup>1</sup> West Yost is performing this task internally instead of subcontracting the work. This was made possible by West Yost hiring the InSAR subconsultant directly and purchasing/maintaining the necessary hardware and software.

prepare 12 interferograms (InSAR) that describe the incremental and cumulative vertical ground motion that occurred from March 2025 to March 2026, and since 2011. The associated costs to task, acquire, purchase, and process the InSAR data is as follows:

- Task TerraSAR-X for five SAR acquisitions for the western Chino Basin (\$1,000)
- Purchase TerraSAR-X data (\$10,000)
- Prepare and check InSAR results, including the interferograms and GIS-generated rasters (\$66,144)

In addition, West Yost purchased and maintains the GAMMA software that is necessary to process the SAR data and prepare the InSAR estimates of vertical ground motion. The one-time initial cost for the software was \$44,000. Since the Watermaster is the only West Yost client that utilizes InSAR services, the Watermaster is paying for the GAMMA software over a three-year period (\$11,000 in FY 2023/24, \$22,000 in FY 2024/25, and \$11,000 in FY 2025/26). The annual maintenance cost is \$6,600. Therefore, in FY 2024/25 the Watermaster's costs for the GAMMA software is: \$11,000 + \$6,600 = \$17,600.

Based on GLMC comments from 2024/25, a new subtask is recommended for 2025/26 to conduct InSAR monitoring across the eastern portion of the Chino Basin using data published by the Department of Water Resources (DWR) for the period 2015-2025 (i.e., the portion of the Basin not currently analyzed with TerraSAR-X). This subtask involves downloading and processing InSAR datasets published by the DWR to support SGMA implementation, analyzing ground motion across the eastern portion of Chino Basin, and comparing DWR InSAR results to TerraSAR-X results across the western portion of the Chino Basin. The analysis will be documented and presented in the 2025/26 annual report. This new subtask in FY 2025/26 will cost about \$14,072.

#### Task 4. Perform Ground-Level Surveys

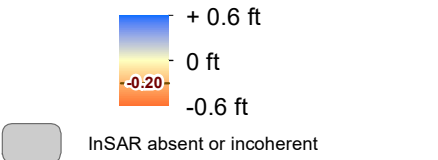
This task involves conducting elevation surveys at benchmark monuments across defined areas of western Chino Basin to estimate the vertical ground motion that occurred since the prior survey. Figure 1 shows the location of the benchmark monuments surveyed across the western Chino Basin. Electronic distance measurements (EDM surveys) are also performed periodically between monuments to estimate horizontal ground motion in areas where ground fissuring due to differential land subsidence is a concern. Table 2 documents the areas surveyed over the last six years as part of the GLMP.

Table 2. History of Ground-Level Surveys								
Ground-Level Survey Area	Ground-Level Survey Completed (Y/N)?							
	2018	2019	2020	2021	2022	2023	2024	2025 <sup>(b)</sup>
Managed Area	Y	N	N	N	N	N	Y	N
Fissure Zone Area <sup>(a)</sup>	Y	N	N	N	N	N	N	N
Central Area	N	N	N	N	N	N	N	N
Northwest Area	Y	Y	Y	Y	Y	Y	Y	Y
San Jose Fault Zone Area <sup>(a)</sup>	Y	Y	Y	Y	Y	N	N	N
Southeast Area	Y	N	N	N	Y	N	N	N
Northeast Area	Y	Y	Y	N	N	N	N	N
(a) Denotes EDM survey area (measurements of horizontal strain).								
(b) The 2025 ground-level surveys are scheduled to begin in March 2025.								





Relative Change in Land Surface Altitude  
as Estimated by InSAR  
(March 2011 to March 2024)



Chino Basin Watermaster  
Ground-Level Monitoring Program

**Figure 1**  
**Ground-Level Monitoring Program**  
**Fiscal Year 2025/26**

The ground-level surveys recommended for FY 2025/26 include the following:

#### ***Task 4.1. Conduct Spring-2026 Elevation surveys in Northwest MZ-1***

In this subtask, the surveyor conducts elevation and EDM surveys at the established benchmarks in Northwest MZ-1 in Spring 2026. The elevation survey will begin at the Pomona Extensometer Facility and includes benchmarks across Northwest MZ-1. The elevation survey will be referenced to the Ayala Park elevation datum at the Ayala Park Extensometer via a GPS survey performed at both Ayala Park and the Pomona Extensometers.

*The vertical elevation survey is recommended in Spring 2026 because of the recent subsidence that has occurred in Northwest MZ-1 and because the survey will support the development of a subsidence management plan in Northwest MZ-1. The EDM survey is **not** recommended to be performed across the San Jose fault zone because past surveys (2013-2022) have demonstrated that the horizontal strain measured between benchmark pairs appears to behave elastically. The EDM surveys should be conducted less frequently than annual (e.g., once every five years).*

#### ***Ground-Level Surveys Not Recommended for Spring 2026***

Ground-level surveys are **not** recommended for Spring 2026 in the other Areas of Subsidence Concern (i.e., Managed, Central, Northeast and Southeast). This recommendation is justified because:

- InSAR is proving to be an accurate, more efficient, higher-resolution method to monitor vertical ground motion across the western Chino Basin.
- Hydraulic heads and vertical ground motion in some of these areas are stable or increasing.

Ground-level surveys should be conducted in these areas less frequently than annual (e.g., once every five to ten years).

#### ***Task 4.5. Conduct GPS Survey in the Northeast Area***

This GPS survey will be used to verify InSAR estimates of vertical ground motion in the Northeast Area and can also serve as a reference point for future differential leveling surveys. Based on verbal input received at the GLMC meeting in March 2025, the GPS survey will be located at the intersection of Grove Avenue and Philadelphia Street.

#### ***Task 4.6. Replace Destroyed Benchmarks (if needed)***

In this subtask, the surveyor replaces benchmark monuments that have been destroyed since the last survey, if any. If additional benchmarks are required, the surveyor will provide a cost estimate to complete the task.

#### ***Task 4.7. Process, Check, and Update Database***

In this subtask, the Watermaster Engineer receives and catalogs the survey results provided by the surveyor, prepares the data for display as a GIS layer, and performs checks against InSAR and extensometer data for reasonableness and accuracy.

### **Task 5. Data Analysis and Reporting**

#### ***Task 5.1. Prepare Draft 2024/25 Annual Report for the Ground-Level Monitoring Program***

Prepare the text, tables, and figures for a draft 2024/25 Annual Report for the GLMP and submit the report to the GLMC by September 18, 2025, for review and comment.

### ***Task 5.2. Prepare Final 2024/25 Annual Report for the Ground-Level Monitoring Program***

Update the text, tables, and figures based on the comments received from the GLMC and prepare a final *2024/25 Annual Report for the GLMP* by November 3, 2025. Responses to GLMC comments will be included as an appendix to the final report. The report will be included in the agenda packet for the November 2025 Watermaster meetings for approval.

### ***Task 5.3. Compile and Analyze Data from the 2025/26 Ground-Level Monitoring Program***

During the winter and spring of 2026, the monitoring data generated from the GLMP during 2025/26 is checked, mapped, charted, and analyzed as the first step in the preparation of the subsequent annual report. Some of the maps, charts, and tables are shared with the GLMC at its meetings in early 2026 during the development of a recommended scope of services and budget for FY 2026/27.

### ***Task 5.4. Conduct Whispering Lakes Subsidence Investigation of the Northeast Area***

In the Northeast Area, the long-term and short-term InSAR estimates indicate that persistent downward ground motion has occurred in a concentrated area south of the Ontario International Airport between Vineyard Avenue and Archibald Avenue in the vicinity of Whispering Lakes Golf Course. This concentrated area of subsidence is herein referred to as the Whispering Lakes Subsidence Feature.

In FY 2021/22, the Watermaster Engineer conducted a Reconnaissance-Level Investigation that included the review and analysis of readily-available borehole and lithologic data, historical air photos, pumping and recharge data, hydraulic head data, and InSAR estimates of vertical ground motion. Figures and charts were prepared and analyzed to derive interpretations and recommendations for future investigations and monitoring. The investigation and recommendations were included in the *FY 2021/22 Annual Report for the GLMP*.

The investigation and subsequent monitoring show that the subsidence feature directly overlies the Whispering Lakes Golf Course, and hence, suggest that the most plausible mechanism for this subsidence feature is shallow soil consolidation associated with the golf course and/or the prior overlying land uses. If true, groundwater management will have no effect on the Whispering Lakes Subsidence Feature. However, the possibility remains that deeper aquifer-system compaction is at least a contributing mechanism for the land subsidence.

Based on these results and conclusions, the Watermaster Engineer recommends a limited monitoring program going forward that includes:

- Continued monitoring of vertical ground motion by high-resolution InSAR that is currently conducted under the Watermaster's GLMP.
- Continued monitoring of groundwater pumping at wells within the Study Area that is currently conducted on a quarterly time-step by the Watermaster.
- Installing transducers in wells within the Study Area to measure and record hydraulic heads at high temporal frequency.

During 2025/26, the monitoring data should be analyzed and interpreted, which could rule out aquitard drainage (and groundwater utilization) as the cause of the subsidence, or not. This analysis will be documented in the *2024/25 Annual Report for the GLMP* along with recommendations for future work, if any.

## **Task 6. Develop a Subsidence-Management Plan for Northwest MZ-1**

The 2007 SMP called for ongoing monitoring and data analysis of the Managed Area; including annual reporting and adjustments to the SMP, as warranted by the data. The 2007 SMP also called for expanded monitoring of the aquifer-system and land subsidence in other areas of subsidence and ground fissuring concern. Figure 1 shows the location of these so-called Areas of Subsidence Concern: Central MZ-1, Northwest MZ-1, Northeast Area, and Southeast Area. The expanded monitoring efforts outside of the Managed Area are consistent with the requirements of OBMP Program Element 1 and its implementation plan contained in the Peace Agreement.<sup>2</sup>

The 2007 SMP stated that if data from existing monitoring efforts in the Areas of Subsidence Concern indicate the potential for adverse impacts due to subsidence, the Watermaster would revise the SMP to avoid those adverse impacts. The 2014 Annual Report of the GLMP recommended that the 2007 SMP be updated to better describe the Watermaster's land subsidence efforts and obligations, including areas outside of MZ-1. As such, the update included a name change to the 2015 Chino Basin Subsidence Management Plan (2015 SMP) and a recommendation to develop a subsidence management plan for Northwest MZ 1.

The Watermaster had been monitoring vertical ground motion in Northwest MZ-1 via InSAR during the development of the 2007 SMP. Land subsidence in Northwest MZ-1 was first identified as a concern in 2006 in the MZ-1 Summary Report and again in 2007 in the 2007 SMP. Of particular concern was the occurrence of concentrated differential subsidence across the San Jose Fault in Northwest MZ-1—the same spatial pattern of differential subsidence that occurred in the Managed Area during the time of ground fissuring. Ground fissuring is the main subsidence-related threat to infrastructure. The issue of differential subsidence, and the potential for ground fissuring in Northwest MZ-1, has been discussed at prior GLMC meetings, and the subsidence has been documented and described as a concern in the Watermaster's State of the Basin Reports, the annual reports of the GLMP, and in the *Initial Hydrologic Conceptual Model and Monitoring and Testing Program for the Northwest MZ-1 Area* (WEI, 2017). The Watermaster increased monitoring efforts in Northwest MZ-1 beginning in FY 2012/13 to include ground elevation surveys and electronic distance measurements (EDM) to monitor ground motion and the potential for fissuring.

In 2015, the Watermaster's Engineer developed the *Work Plan to Develop a Subsidence Management Plan for the Northwest MZ-1 Area* (Work Plan; WEI 2015b).<sup>3</sup> The Work Plan is characterized as an ongoing Watermaster effort and includes a description of a multi-year scope-of-work, a cost estimate, and an implementation schedule. The Work Plan was included in the 2015 SMP as Appendix B. Implementation of the Work Plan began in July 2015. On an annual basis, the GLMP analyzes the data and information generated by the implementation of the Work Plan. The results and interpretations generated from the analysis are documented in the annual report for the GLMP and used to prepare recommendations for future activities.

### ***Progress to Implement Work Plan through FY 2024/25***

The progress that has been made to implement the Work Plan through FY 2024/25 is described below:

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<sup>2</sup> [http://www.cbwm.org/docs/legaldocs/Peace\\_Agreement.pdf](http://www.cbwm.org/docs/legaldocs/Peace_Agreement.pdf).

<sup>3</sup> [Work Plan to Develop a Subsidence-Management Plan for Northwest MZ-1](#)

- An initial hydrogeologic conceptual model of the Northwest MZ-1 Area was developed, and a report was published in 2017.<sup>4</sup> This report described the hydrogeology of the area, speculated on the causes of the observed land subsidence, and included a recommended monitoring program.
- A preliminary one-dimensional (1D) compaction model, based on hydrogeologic information from the MVWD-28 well site, was constructed, calibrated and used to explore the future occurrence of subsidence in Northwest MZ-1 under various basin-operation scenarios of groundwater production and artificial recharge and to identify potential subsidence mitigation strategies. A report<sup>5</sup> was published to document the results and interpretations of the modeling, which were: ***the deep aquifer system is most susceptible to future compaction and associated land subsidence, and hence, heads will need to increase in the deep aquifer system to minimize or abate future subsidence in Northwest MZ-1.*** The report also included a recommendation to construct the Pomona Extensometer.
- The initial monitoring program was implemented to closely track groundwater-levels, groundwater production, recharge, and ground motion across Northwest MZ-1. This monitoring program included the construction of the Pomona Extensometer to measure and record depth-specific heads and aquifer-system deformation. Implementation of the monitoring program is ongoing.
- A new 1D model was constructed and calibrated using the hydrogeologic information collected at the Pomona Extensometer. The 1D model at MVWD-28 was also updated and recalibrated using current information. The objectives of this exercise were to: (i) describe the subsidence mechanisms and the pre-consolidation head by aquifer-system layer in Northwest MZ-1 and (ii) develop modeling tools that can be used to explore the future occurrence of subsidence in Northwest MZ-1 under various basin-operation scenarios of groundwater production and artificial recharge and to identify potential subsidence mitigation strategies. This work was reviewed by the GLMC, and additional model calibration refinements and sensitivity analyses were performed based on GLMC input. In November 2022, the Watermaster Engineer published a final report<sup>6</sup> on the 1D Model calibrations and sensitivity analyses (with review by the GLMC) and deemed the 1D Models sufficient to simulation future land subsidence under prospective plans for pumping and recharge.
- In 2023, the Watermaster Engineer, with review and input from the GLMC, developed an initial “Subsidence Management Alternative” for Northwest MZ-1 called SMA-1. SMA-1 is equivalent to the planning scenario that was simulated with the 2020 Chino Valley Model (CVM) to support the 2020 Safe Yield Recalculation (2020 SYR). The 2020 SYR was intended to represent and simulate the Parties’ projected pumping, recharge, and use of storage through 2050. The results of the 2020 SYR (*i.e.*, projected hydraulic heads by CVM layer) were used as input data for the 1D Model simulations to predict the potential future occurrence of subsidence through 2050. In September 2023, the Watermaster Engineer published a draft TM titled *1D Model Simulation of Subsidence in Northwest MZ-1—Subsidence Management Alternative #1*. The Watermaster’s recommendations from this work were the following:

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<sup>4</sup> [https://www.cbwm.org/docs/engdocs/GLMC/nwmz1/Final\\_NWMZ1\\_Task1\\_Report.pdf](https://www.cbwm.org/docs/engdocs/GLMC/nwmz1/Final_NWMZ1_Task1_Report.pdf)

<sup>5</sup> <https://www.cbwm.org/docs/engdocs/GLMC/nwmz1/20171220%20Final%20NWMZ1%20Task3-4%20Tech%20Memo.pdf>

<sup>6</sup> <https://www.cbwm.org/docs/engdocs/GLMC/nwmz1/TM%20-%20941%20-%201D%20Model%20-%20Final.pdf>



- a. Establish a *preliminary* “Northwest MZ-1 Guidance Level” of 630 ft-amsl for hydraulic heads in Layers 3 and 5 at the PX location. The *preliminary* Guidance Level is an aspirational Watermaster recommendation that, if achieved, would likely slow or stop aquitard compaction and land subsidence in Northwest MZ-1.
- b. Compliance with the Guidance Level should be measured at the PX-2/3 piezometer, which is generally representative of heads in Layers 3 and 5.
- c. The methods to achieve the Guidance Level could include but are not limited to: voluntary modification of pumping patterns; in-lieu recharge; wet-water recharge via spreading and/or injection; or a combination of methods. These methods might necessitate: voluntary modification of water-supply plans of the purveyors in the Chino Basin; modification of Watermaster practices for recharge and replenishment; and/or the implementation of regional-scale storage or conjunctive-use programs.
- d. Additional SMAs should be developed and evaluated with the 1D Models to generate the necessary information to finalize the Guidance Level and the *Subsidence Management Plan for Northwest MZ-1*. The additional SMAs could be developed during Watermaster’s groundwater modeling efforts associated with the 2025 Safe Yield Reevaluation and the development of the Storage and Recovery Master Plan. The GLMP should participate in the scenario building exercises associated with these Watermaster efforts to develop the SMAs, so that the scenarios include various methods to achieve the Guidance Level. Then, the 1D Models should be used to evaluate the potential future subsidence in Northwest MZ-1 under the SMAs. These model results and evaluations will support the establishment of a Guidance Level in the *Subsidence Management Plan for Northwest MZ-1*. It should be noted that future monitoring and analyses always hold the potential for revisions to the Guidance Level, consistent with the adaptive management approach called for in the Chino Basin Subsidence Management Plan.

Based on the expected progress through FY 2024/25, the following work is recommended for FY 2025/26 to develop the *Subsidence Management Plan for Northwest MZ-1*:

#### ***Task 6.1. Aquifer-System 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<sup>7</sup>; (iii) monitoring of piezometric levels via pressure transducers at City of Pomona production wells; and (iv) manual measurements of piezometric levels. These data, along with data collected from the PX in Task 2.1, 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.

In this subtask, all data is collected, compiled, checked, and analyzed every three months. Charts and data graphics of pumping, piezometric levels, and aquifer-system deformation will be updated to support the data collection and analysis.

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<sup>7</sup> The use of sonar technology to measure piezometric levels in wells is currently being used in Monte Vista Water District wells 28 and 31.

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, 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 with the help of an outside professional. By inspecting the existing equipment, video logging the well casings, and installing new monitoring equipment with the help of an outside professional, we can more effectively troubleshoot the inaccurate data collection at the PX monitoring facility. The cost estimate to refurbish the PX with the help of an outside professional is about \$46,250.<sup>8</sup>

### ***Task 6.2. Refine and Evaluate Subsidence-Management Alternatives***

During 2024/25, the Watermaster is conducting the 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 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:

- Finalize the Guidance Level and the *Subsidence Management Plan for Northwest MZ-1*.
- 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 Level 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.

It should be noted that future monitoring and analyses always hold the potential for revisions to the Guidance Level, consistent with the adaptive management approach called for in the Chino Basin Subsidence Management Plan.

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<sup>8</sup> See Appendix A for a cost breakdown by task to refurbish the PX monitoring facility.

## **Task 7. Meetings and Administration**

### ***Task 7.1. Prepare for and Conduct Four Meetings of the Ground-Level Monitoring Committee***

This subtask includes preparing for and conducting four meetings of the GLMC:

- August 2025 – Review and discuss GLMP for FY 2025/26. Review and discuss the draft TM that describes the assumptions of the SMA(s), including the groundwater production and replenishment/recharge plans of the Chino Basin parties.
- September 2025 – Review the draft 2024/25 Annual Report for the GLMP.
- March 2026 – Review the draft recommended scope and budget for FY 2026/27. Review and discuss the draft TM that describes the results of the SMA evaluation(s), including the recommended final Guidance Level for Northwest MZ-1 and the evaluation of the minimum recharge quantity of supplemental water in MZ-1.
- April 2026 – Review the final recommended scope and budget for FY 2026/27 (if needed).

### ***Task 7.2. Prepare for and Conduct One As-Requested Ad-Hoc Meeting***

This subtask includes preparing for and conducting one ad-hoc meeting of the GLMC, as requested by the GLMC or Watermaster staff.

### ***Task 7.3. Perform Monthly Project Management***

This subtask includes monthly project administration and management, including staffing, financial and schedule reporting to Watermaster and subcontractor coordination.

### ***Task 7.4. Prepare a Recommended Scope and Budget for the GLMC for FY 2026/27***

This subtask includes preparing a draft and final recommended scope of services and budget for FY 2026/27 for the GLMP to support the Watermaster's budgeting process.



**Appendix A. Estimated Costs for Pomona Extensometer Improvements FY2025-26**

Item		Description	Estimated Costs	Notes
1.	Telemetry Equipment	New PLC/PC/Software	\$0	Removed task due to GLMC comments
2.	Electrical Power Installation	Assumes power available from nearby lighting pole (150 ft @ \$45/ft)	\$0	Removed task due to GLMC comments
3.	Monitoring Equipment	Purchase of linear potentiometers, transducers etc.	\$15,000	
4.	Equipment Installation	Installation of new equipment	\$11,250	
5.	Programming/Configuration	Field work including system testing	\$0	Removed task due to GLMC comments
6.	IT Infrastructure	Equipment, software and labor for data collection automation	-	Removed task due to GLMC comments
7.	Automation of data transfer	Equipment, software and labor for database automation	\$0	Removed task due to GLMC comments
8.	Video Logs and Well Assessments	Outside professional costs to video log wells and assess equipment.	\$15,000	
<b>Totals</b>			<b>\$41,250</b>	

## Appendix B Responses to Comments

Listed below are:

- Comments received from the GLMC as of April 7, 2025 on the draft *Recommended Scope-of-Work and Budget for the Ground Level Monitoring Program for Fiscal Year 2025/26* (dated March 7, 2025 and April 3, 2025)
- Watermaster staff responses to GLMC comments

### ***Comments from the City of Ontario (Alexis Mascarinas) – March 7, 2025***

#### **Comment 1 – Task 3. Basin Wide Ground Level Monitoring Program (InSAR)**

In Task 3.5, West Yost proposes using DWR InSAR data to fill the gap in evaluating subsidence in the eastern part of Chino Basin, as recommended by comments received on the FY 2023-2024 Annual Report. Once a comparison between TerraSAR-X and DWR InSAR data is completed, the addition of the DWR InSAR data may be proven to be acceptable long-term monitoring despite different satellites and potentially different resolutions. The City wants to understand:

- What level of data quality is needed to continue monitoring land subsidence?
- Is there a threshold for where a management zone would warrant a certain resolution of data collection as opposed to relying on this additional, free database?

#### **Watermaster Response:**

The magnitude of subsidence that has been occurring across the Chino Basin over the last 10-20 years has been relatively minor, hence, the subsidence monitoring techniques need to be of high resolution and accuracy.

The TerraSAR-X satellite acquires ground motion data at relatively high temporal and spatial resolution. The Watermaster has gained confidence in the accuracy of the TerraSAR-X InSAR data through repeated comparison of the InSAR results against other measured ground-motion data, such as the Ayala Park Extensometer and the periodic leveling surveys at benchmarks. In addition, the TerraSAR-X data has been favorably compared against changes in groundwater levels, which are the main driver of aquifer system deformation and vertical ground motion.

Although the DWR InSAR data do not have the same resolution as TerraSAR-X, one of the main objectives of this proposed effort is to evaluate the ability of the DWR InSAR data to produce results similar to those of TerraSAR-X. This evaluation will focus on how well the DWR InSAR data reflect measured changes in groundwater levels and vertical ground motion, as determined by other techniques (e.g., extensometers, GPS, and leveling surveys). Additionally, the basin-wide DWR InSAR data will be used to verify that there are no subsidence issues outside the western part of the Chino Basin, where ground levels are well documented each year.

#### **Comment 2 – Task 4. Perform Ground Level Surveys.**

In Task 4.2, West Yost recommends performing elevation surveys for Northeast Area since the previous survey was conducted five years ago. While the City understands the importance of maintaining accurate and up-to-date data, it was noted in the March meeting that these level surveys serve primarily as back-up for the InSAR data, which has been described as having increased accuracy in this region over time although West Yost has recommended conducting this survey every 5 years, if it is proven there is

less need for conducting these surveys, the City suggests the surveys occur every 10 years or longer as a budget saving measure. Additionally, the City recommends only using GPS acquisition on any new benchmarks, without additional differential level surveying, for elevation verification to save on costs.

#### Watermaster Response:

Since the TerraSAR-X InSAR data is providing high-resolution, accurate data on vertical ground with good spatial coverage across the Northeast Area, the ground-level survey across the Northeast Area will be removed from the recommended scope of work for FY 2025-26. The GPS survey at a location within the Northeast Area will be included in the recommended scope of work as a validation method for the InSAR data.

## **Comments from Monte Vista Water District (Justin Scott-Coe) – March 7, 2025**

### **Comment 1 – Task 4.5. Benchmark Reconnaissance.**

*“The Northeast area has not been surveyed in 5 years and will be unfamiliar to the current surveyor crew, as the previous staff members are no longer with Guida. Guida anticipates that some benchmarks may have been disturbed or destroyed. Therefore, prior to the beginning leveling surveys, the surveyor crew will traverse the Northeast area to recover, flag, and repaint the benchmarks to ensure a more efficient leveling survey. Disturbed or destroyed benchmarks will be documented, and the final count for subtask 4.6 (replacement – if needed) will be determined. This benchmark reconnaissance is estimated to cost \$20,980.”*

- The reconnaissance cost to traverse one leveling survey route seems high. How was the cost for reconnaissance developed?

### **Watermaster Response:**

The cost for the benchmark reconnaissance was developed by Guida.

However, this task has been removed from the recommended scope of work (see response above to the City of Ontario’s comment #2).

### **Comment 2 – Task 5.4. Conduct Whispering Lakes Subsidence Investigation of the Northeast Area.**

*“The investigation and subsequent monitoring show that the subsidence feature directly overlies the Whispering Lakes Golf Course, and hence, suggest that the most plausible mechanism for this subsidence feature is shallow soil consolidation associated with the golf course and/or the prior overlying land uses. If true, groundwater management will have no effect on the Whispering Lakes Subsidence Feature”*

- What specific work is being conducted under this subtask?
- It seems that an investigation has already been conducted and suggests that deep aquifer compaction is not the likely mechanism. The scope of work for this task should be clearly identified or it should be eliminated as a budget item in the 25/26 budget.

### **Watermaster Response:**

The description of Task 5.4 includes the following text:

*“....the Watermaster Engineer recommends a limited monitoring program going forward that includes:*

- *Continued monitoring of vertical ground motion by high-resolution InSAR that is currently conducted under the Watermaster’s GLMP.*
- *Continued monitoring of groundwater pumping at wells within the Study Area that is currently conducted on a quarterly time-step by the Watermaster.*
- *Installing transducers in wells within the Study Area to measure and record hydraulic heads at high temporal frequency.*

*During 2025/26, the monitoring data should be analyzed and interpreted, which could rule out aquitard drainage (and groundwater utilization) as the cause of the subsidence, or not. This analysis*

*will be documented in the 2024/25 Annual Report for the GLMP along with recommendations for future work, if any.”*

The scope of work for this task includes:

- Field work associated with the maintenance and download of data from the transducers at wells.
- The data analysis and interpretation that will be documented in the Annual Report for the GLMP.

### Comment 3 – Task 6. Develop a Subsidence-Management Plan for Northwest MZ-1.

*“...the same pattern of differential subsidence that occurred in the Managed Area during the time of ground fissuring.”*

- Groundwater levels in Northwest MZ-1 have stabilized since the late 1970's and no ground fissuring has been reported in Northwest MZ-1 to date. Ground fissuring in the Managed Area was reported to occur as early as the early 1970's and accelerated in the early 1990's.

*“a. Establish a preliminary “Northwest MZ-1 Guidance Level” of 630 ft-amsl for hydraulic heads in Layers 3 and 5 at the PX location. The preliminary Guidance Level is an aspirational Watermaster recommendation that, if achieved, would likely slow or stop aquitard compaction and land subsidence in Northwest MZ-1.”*

- MVWD Continues to recommend removing language suggesting that the aspirational Watermaster recommendation would “likely slow or stop aquitard compaction and land subsidence in Northwest MZ-1.” It is our understanding that modeling to support this statement has not yet been conducted. In addition, recent InSAR data suggest that subsidence trends have stabilized in Northwest MZ-1 with groundwater levels well below the preliminary guidance level.

### Watermaster Response:

Regarding the first comment above:

- The phrase has been revised to read “*spatial* pattern of differential subsidence” to distinguish it from rates and magnitudes of subsidence.
- While it is true that groundwater levels in Northwest MZ-1 have increased and remained relatively stable since the late 1970s, there is no guarantee that groundwater levels remain stable in the future; hence, the threat of future subsidence (and ground fissuring) remains, which is a reason why the Watermaster conducts the subsidence monitoring program and is developing a Subsidence Management Plan for Northwest MZ-1.

Regarding the second comment above:

- The statement suggesting that the aspirational Watermaster recommendation would “likely slow or stop aquitard compaction and land subsidence in Northwest MZ-1” is based on the physics of aquitard drainage—not on modeling. In other words, any increases in hydraulic heads within the deep aquifer system would have the result of slowing or stopping aquitard drainage.
- While it is true that the rate of subsidence has slowed in Northwest MZ-1, the threat of future groundwater level declines and associated subsidence (and ground fissuring) remains, which is a reason why the Watermaster conducts the subsidence monitoring program and is developing a Subsidence Management Plan for Northwest MZ-1.

#### Comment 4 – Task 6.1. Aquifer-System Monitoring.

*“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, 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 \$118,000.”*

- About \$85,000 (Appendix A, Tasks 1, 5, 7) of the refurbishment cost seems to be related to the installation of telemetry equipment. Installing telemetry will not fix the data issue, only telemeter incorrect data to another location. Any additional investment in the PX, which is currently not functional, should be in diagnosing and addressing the problem with the PX, not in installing telemetry.
- An alternative cost proposal focused on resolving the issues related to the PX without the cost of telemetry should be prepared, or the cost-effectiveness of the proposed telemetry solution versus a cost alternative without it should be demonstrated.

#### Watermaster Response:

The intent of installing telemetry is to accelerate potential improvements to the PX extensometers by allowing the Watermaster Engineer to rapidly assess the effects of any adjustments made to the extensometers to improve their accuracy. In addition, the longer-term benefit of telemetry is a reduced need for field visits to the PX to download and maintain the facility.

An alternative proposal that does not include telemetry would include:

- Refurbishment of the PX monitoring and data logging equipment
- Continued incremental adjustments to the extensometers
- Manual data downloads and data analysis to check on the effectiveness of the incremental extensometer adjustments

The cost estimate for this alternative proposal for FY 2025/26 is about \$31,250. We will request GLMC input on this alternative proposal and cost estimate for Task 6.1.

#### Comment 5 – Task 6.2. Refine and Evaluate Subsidence-Management Alternatives

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

*Finalize the Guidance Level and the Subsidence Management Plan for Northwest MZ-1.*

*Evaluate the minimum recharge quantity of supplemental water in MZ-1, as required by the Peace II Agreement.”*

- MVWD recommends evaluating the existing model’s ability to predict the recent stabilization of subsidence trends in Northwest MZ-1 at current groundwater levels in the deep aquifer. If not,

the conceptual and numerical model should be re-evaluated and updated so that they reflect the recent stabilization of subsidence in Northwest MZ-1. Does the current model match the latest observed data and trends with additional recharge in Northwest MZ-1?

- MVWD continues to recommend assessing the recent recharge/pumping cycles that resulted in stabilization of land subsidence trends in InSAR data in Northwest MZ-1, as well as the feasibility of more frequent, higher volume recharge in the Northwest MZ-1 during the development of subsidence management alternatives.
- Additional development and 1-D modeling of SMA's is unnecessary at this time and should be postponed as continued monitoring occurs to see if InSAR and survey data continue to show a cessation of subsidence in Northwest MZ-1.

#### Watermaster Response:

- Regarding the first bulleted comment above: During the 2025 SYR, the existing 1D Model will be run over the projection period of 2022-2080, so the comparison of 1D Model results to recent InSAR measurements of land subsidence can be made.
- Regarding the second bulleted comment above: We agree that Watermaster should assess the effectiveness of managed recharge and pumping at minimizing and/or abating land subsidence in Northwest MZ-1. This assessment is proposed in *Task 6.2. Refine and Evaluate Subsidence-Management Alternatives*.
- Regarding the third bulleted comment above: The development and evaluation of subsidence management strategies requires testing of these strategies under future conditions of pumping and recharge using the best available modeling tools. These evaluations are proposed in *Task 6.2. Refine and Evaluate Subsidence-Management Alternatives*. Monitoring of pumping, recharge, groundwater levels, and land subsidence are important to track in real time, but such monitoring does not replace the need for model projections to support the development of effective subsidence management strategies.

## ***Comments from City of Chino (Hye Jin Lee) – March 7, 2025***

### **Comment 1 – Figure 1 Ground-Level Monitoring Program Fiscal Year 2025/26.**

The street left of the fissure, is that Central Ave? It's not annotated in the map. Also, can you identify Ayala Park boundary and the CIM and CIW boundaries for reference? If I understand this map correctly, the fissure is in Ayala Park and even to the north of Ayala Park in private businesses area. Am I correct?

#### **Watermaster Response:**

The major street to the west of the historical ground fissures in Figure 1 is Central Avenue. The figure has been updated to include a label for Central Avenue.

The historical ground fissuring occurred on CIM property, Ayala Park, and to the north of Ayala Park in areas that are now mainly commercial land uses.

Please reference Figure 1-2 of the most recent [Annual Report of the Ground-Level Monitoring Program](#) for an air photo of the Manage Area that shows the extent of Ayala Park and CIM. The CIW is located to the southwest of CIM (off the map).



## ***Follow-Up Comments from Monte Vista Water District (Justin Scott-Coe) – April 3, 2025***

### **Comment 1 – Task 4.2 Conduct Elevation Survey in the Northeast Area.**

*“1. Do you support the removal of Task 4.2 Conduct Elevation Survey in the Northeast Area (-\$56,537), and its replacement with Task 4.5 Conduct GPS Survey at Grove/Philadelphia (\$5,000)?”*

Yes, that would be a more reasonable approach.

#### **Watermaster Response:**

The recommended scope of work no longer includes elevation surveys for the Northeast Area. Instead, a single GPS elevation survey will be conducted at the intersection of Grove Avenue and Philadelphia Street. The GPS survey will be used to verify InSAR estimates of vertical ground motion in the Northeast Area and can also serve as a reference point for future differential leveling surveys. The estimated cost for this GPS collection is \$5,000.

### **Comment 2 - Task 6.1.3 Refurbish PX and Add Telemetry**

*“2. Do you support the original Task 6.1.3 Refurbish PX and Add Telemetry (\$118,000) or the alternative approach to refurbish PX without telemetry (\$31,250)?”*

MVWD support the alternative approach.

#### **Watermaster Response:**

The telemetry recommendation for the PX extensometers has been removed. The alternative proposal, which costs \$31,250 and involves refurbishing the PX equipment without telemetry, is included in the recommended scope of work. We recommend allocating an additional \$15,000 for an outside professional to video log the PX facilities, help inspect the existing equipment, and assist with the installation of new equipment. This brings the total cost for the alternative proposal to \$46,250.

### **Comment 3**

*“3. Do you have any other comments and/or suggested revisions to the Recommended Scope and Budget for the GLMP for FY 2025-26?”*

No additional comments.

Brownstein Hyatt Farber Schreck

FY 2025-2026 Proposed Budget

1-May-25

Account	Description	Note	Total Hours	Labor (Cost)		FY 2025/2026 Budget	FY 2024/2025 Budget
				Cost			
				Task	Account		
<b>WM Legal Services - Meetings, Business Items, Associated Activities</b>							
6275	Advisory Committee Meetings		44	\$ 27,764		\$ 249,798	\$ 249,798
6375	Board Meetings		132	\$ 88,704			
6375.1	Board Briefings/Workshops		45	\$ 29,215			
8375	Appropriative Pool Meetings		55	\$ 34,705			
8475	Agricultural Pool Meetings		55	\$ 34,705			
8575	Non-Agricultural Pool Meetings		55	\$ 34,705			
	<b>Total for Activity</b>		<b>386</b>	<b>\$ 249,798</b>	<b>\$ 249,798</b>		
<b>WM Legal Services</b>							
6070	Court Coordination		140	\$ 76,000		\$ 346,011	\$ 414,051
6071	Rules and Regs		20	\$ 10,495			
6072	Personnel Matters	A	50	\$ 28,150			
6073	Interagency Issues	B	72	\$ 40,536			
6077	Party Status Maintenance	C	30	\$ 13,590			
6078	Miscellaneous	D	320	\$ 177,240			
	<b>Total for Activity</b>		<b>632</b>	<b>\$ 346,011</b>	<b>\$ 346,011</b>		
<b>Archibald South Plume</b>							
6907.31	Archibald South Plume		20	\$ 12,565		\$ 12,565	\$ 12,565
	<b>Total for Activity</b>		<b>20</b>	<b>\$ 12,565</b>	<b>\$ 12,565</b>		
<b>Chino Airport Plume</b>							
6907.32	Chino Airport Plume		20	\$ 12,565		\$ 12,565	\$ 12,565
	<b>Total for Activity</b>		<b>20</b>	<b>\$ 12,565</b>	<b>\$ 12,565</b>		
<b>Desalter/Hydraulic Control Issues</b>							
6907.33	Continued CDA Support		30	\$ 19,340		\$ 38,680	\$ 38,680
	Hydraulic Control		30	\$ 19,340			
	<b>Total for Activity</b>		<b>60</b>	<b>\$ 38,680</b>	<b>\$ 38,680</b>		
<b>Santa Ana River Water Rights</b>							
6907.34	Water Right Permits 21225, 20753 and 19895	15 Hrs @ \$631, 30 Hrs @ \$398	45	\$ 21,405		\$ 21,405	\$ 21,405
	<b>Total for Activity</b>		<b>45</b>	<b>\$ 21,405</b>	<b>\$ 21,405</b>		
<b>Reg. Water Quality Control Board</b>							
6907.38	Legal counsel involvement in ongoing issues	25 Hrs @ \$672, 40 Hrs @ \$563, 60 Hrs @ \$398	125	\$ 63,200		\$ 63,200	\$ 63,200
	<b>Total for Activity</b>		<b>125</b>	<b>\$ 63,200</b>	<b>\$ 63,200</b>		
<b>Recharge Master Plan</b>							
6907.39	Implementation/Update	10 Hrs @ \$631, 20 Hrs @ \$398	30	\$ 14,270		\$ 14,270	\$ 14,270
	<b>Total for Activity</b>		<b>30</b>	<b>\$ 14,270</b>	<b>\$ 14,270</b>		
<b>Prado Basin Habitat Sustainability</b>							
6907.41	Prado Basin Habitat	10 Hrs @ \$631, 10 Hrs @ \$398	20	\$ 10,290		\$ 10,290	\$ 10,290
	<b>Total for Activity</b>		<b>20</b>	<b>\$ 10,290</b>	<b>\$ 10,290</b>		
<b>SGMA Compliance</b>							
6907.44	SGMA Compliance	10 Hrs @ \$631, 10 Hrs @ \$398	20	\$ 10,290		\$ 10,290	\$ 10,290
	<b>Total for Activity</b>		<b>20</b>	<b>\$ 10,290</b>	<b>\$ 10,290</b>		
<b>OBMP Update</b>							
6907.45	OBMP Update	80 Hrs @ \$672, 120 Hrs @ \$631, 120 Hrs @ \$398	320	\$ 177,240		\$ 177,240	\$ 177,240
	<b>Total for Activity</b>		<b>320</b>	<b>\$ 177,240</b>	<b>\$ 177,240</b>		
<b>2020 Safe Yield Reset</b>							
6907.47	2020 Safe Yield Reset	60 Hrs @ \$672, 100 Hrs @ \$631, 120 Hrs @ \$398	280	\$ 151,180		\$ 151,180	\$ 80,190
	<b>Total for Activity</b>		<b>280</b>	<b>\$ 151,180</b>	<b>\$ 151,180</b>		
<b>San Sevaine Basin Discharge</b>							
6907.50	San Sevaine Discharge State Court Litigation	25 Hrs @ \$579, 25 Hrs @ \$631, 60 Hrs @ \$398	110	\$ 54,130		\$ 204,570	\$110,080
6907.51	San Sevaine Discharge CWA Litigation	120 Hrs @ \$579, 40 Hrs @ \$631, 140 Hrs @ \$398	300	\$ 150,440			
	<b>Total for Activity</b>		<b>410</b>	<b>\$ 204,570</b>	<b>\$ 204,570</b>		
<b>WM Legal Counsel - Unanticipated</b>							
6907.9	Miscellaneous	25 Hrs @ \$672, 35 Hrs @ \$631	60	\$ 38,885		\$ 38,885	\$ 38,885
	<b>Total for Activity</b>		<b>60</b>	<b>\$ 38,885</b>	<b>\$ 38,885</b>		
<b>Total--All Accounts</b>			<b>2,018</b>	<b>\$ 1,350,949</b>	<b>\$ 1,350,949</b>	<b>\$ 1,350,949</b>	<b>\$ 1,349,679</b>

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.

## **Memorandum**

**DATE:** May 1, 2025  
**TO:** Watermaster Staff  
**FROM:** Brownstein Hyatt Farber Schreck, LLP  
**RE:** FY 2025-2026 Legal Counsel Budget Detail and Analysis

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This worksheet has been prepared at your request to provide additional detail regarding the expected legal fees and costs that will be incurred if Watermaster implements its responsibilities under the Restated Judgment, pending Court Orders, including the Peace I and Peace II Agreements, and the Optimum Basin Management Program (OBMP). The Nine Member Board is expected to implement these measures. Additional fees and costs may be incurred in connection with actions that are within Watermaster's duties and implementation authority but outside the control of staff and counsel. That is, Parties to the Restated Judgment and persons not bound by the Restated Judgment may initiate actions that require a response from Watermaster.

This worksheet utilizes the budget as proposed by legal counsel as of the above date, and will be updated, as necessary, so that any adjustments in the budgeted amount can be made considering actual projections concerning time and level of activity associated with anticipated budget line items. The experience of Watermaster over the past more than twenty years since Brownstein Hyatt Farber Schreck (Brownstein) was retained as counsel provides a basis for the budget based upon a customary level of activity. These projections are included within the budget as requested to provide service as legal counsel to the Board. Thus, the proposed budget amount analyzed below is \$1,350,949, which includes a roughly \$38,000 allocation for unanticipated activities.

Budget Assumptions: The number of hours expended to provide the desired level of service is the primary factor in legal counsel expense. The budgeted amount includes reimbursement for out-of-pocket costs that include phone charges, electronic legal research charges, travel costs (including mileage, lodging, etc.) and other incidental costs. While these costs traditionally vary from month to month, they do not constitute a material portion of the budget. Typically, 2-5% of a monthly bill is cost recovery.

Brownstein has represented Watermaster for over 20 years and consequently, as a matter of Brownstein policy, Watermaster enjoys a continuing and gradually steepening discount against standard rates. In some cases, the discount approaches 45%.

Slater and Herrema are the principal lawyers assigned to the Watermaster matter. Over the years, Slater's activities are generally reserved to Watermaster Board meetings, assignments directed by the Board, and task driven.

Definition of “unanticipated expenses”: For the purposes of this memorandum, “unanticipated expenses” refers to an amount of money that is budgeted to account for legal issues that may arise post budget approval that were not anticipated in the budget, or to account for underestimates in the budget for the anticipated matters as a result of unforeseen complexity. Historically, the Watermaster budget preference had been to under fund all parts of the budget, including contingency, so as to not create an expectancy of the higher expenditure. Experience suggests that the Watermaster Board and the Parties to the Restated Judgment have been more comfortable with assigning additional funding to a matter after the actual need has been identified. Such funds whose use requires a Board-approved budget transfer/amendment are sometimes identified as “contingency.” This analysis uses the term “unanticipated expenses” in the first sense to refer to an amount of money that is budgeted to account for unanticipated expenses.

Detail articulated below includes:

Regular Meeting Attendance	\$220,583
Board Briefings/Workshops	\$ 29,215
Court Coordination	\$ 76,000
Rules and Regs Rewrite	\$ 10,495
Personnel Matters	\$ 28,150
Interagency and Miscellaneous	\$217,776
Party Status Maintenance	\$ 13,590

Total: \$595,809

**Regular Meeting Attendance (6275, 6375, 8375, 8475, 8575) \$220,583**

Assumptions: Three meeting days per month staffed by one attorney per meeting. Assumed hours commitment of 5 hours per Pool Committee meeting and 4 hours per Advisory Committee meeting, inclusive of attendance, travel and preparation. Assumption of regular attendance by Slater at the Board meeting (12 hours x 11 months = 132 hours), and by Herrema at Pool Committees and Advisory Committee (5 hours x 3 pool committees x 11 months + 4 hours x 11 months = 209 hours) for an approximate total of \$220,583.

**Board Briefings/Workshops (6375.1) \$ 29,215**

Over the past few years, Watermaster staff and legal counsel have conducted Board Briefings to provide Board members with information as to the legal background for Watermaster’s activities, the functions of the Pool Committees, Advisory Committee and Board, the role of Watermaster staff and current issues. This budget assumes that one or two briefings or workshops will take place in FY 2025-2026. Responsibility for this task is shared by Slater (20 hours) and Herrema (25 hours) for an approximate total of \$29,215.

**Court Coordination (6071)**

Activities:

**(1) Regular court hearings \$76,000**

Based on present trends in the motion practice before the Court, we anticipate a moderate level of effort in 2025-2026 in regard to interactions with the Court. Given that Court hearings require more preparation than regular monthly meetings, this category assumed an hour commitment of 30 hours per hearing inclusive of attendance, travel and preparation of reports or other filings. This category assumes one attorney per hearing, though it is often necessary to staff a hearing with more than one attorney. Responsibility for this task is shared equally between Slater (40 hours) and Herrema (40 hours) with assistance from associate attorney Ben Markham or an equivalent billing attorney (60 hours) for an approximate total of \$76,000.

**(2) Rules and Regulations Rewrite (6072) \$ 10,495**

The Watermaster Board has directed that the Rules and Regulations be reviewed for any necessary updates every other year. While a planned update is proceeding during FY 2026-2027, legal counsel spend a small amount of time each year tracking necessary updates for the biennial updates. This budget item presents the level of effort for such a rewrite. Responsibility for this task is shared by Slater (5 hours), Herrema (5 hours), and Markham (10 hours) for an approximate total of \$10,495.

**Personnel (6073)**

\$ 28,150

It is not anticipated that any significant personnel issues will arise in FY 2025-2026, though some level of activity is the norm in any year. Thus, we have proposed a nominal budget for this item for employment and benefits counsel, Christine Samsel and Nancy Strelau of 50 hours, and an approximate total of \$28,150.

**Interagency Issues and Miscellaneous (6074 and 6078)**

\$217,776

There are always a variety of day-to-day matters that arise throughout a month concerning questions that require interpretation of the Restated Judgment, Rules, agreements, etc. Herrema (120 hours) is the attorney responsible for these matters, with assistance from Slater (80 hours) and Markham (120 hours), with an approximate cost of \$177,240.

To the extent that agreements between the parties arise, there will likely be a nominal involvement from legal counsel. In addition, it is likely that several interagency agreements will be required in FY 2025-2026 as in past years. These activities assume the work will be done by Herrema (72 hours) for an approximate total of \$40,536.

**Party Status Maintenance (6077)**

\$ 13,590

In each year, there is a small amount of work to do to regarding the proper placement of parties in Pools and the Pool and party rosters. The proposed budget assumes working with Watermaster staff to undertake this clean-up. The proposed budget assumes that Herrema will be the primary attorneys assigned to this task (10 hours) with assistance from Markham (20 hours), for an approximate total of \$13,590.

**Archibald South Plume (6907.31)**

\$ 12,565

The proposed budget assumes that Slater will be the primary attorney assigned to the task of any necessary ABGL facilitation (5 hours) with input from Mark Mathews (5 hours) and involvement from Herrema (10 hours) for an approximate total of \$12,565.

**Chino Airport Plume (6907.32)**

\$ 12,565

The proposed budget assumes that Slater will be the primary attorney assigned to the task of any facilitation related to the Chino Airport Plume (5 hours) with input from Mark Mathews (5 hours) and involvement from Herrema (10 hours) for an approximate total of \$12,565.

**Desalter/Hydraulic Control Issues (6907.33)**

\$ 38,680

**Regional Water Quality Control Board (6907.38)**

\$ 63,200

Given the significance of the Desalter and Hydraulic Control issues to the OBMP, legal counsel believes it is appropriate to expect continuing activity on this issue continuing into FY 2025-2026 – specifically in light of the reduced groundwater production in areas of the Basin due to water quality concerns. Given his participation in the CDA facilitation, Slater will be the primary attorney (20 hours) with assistance from Herrema (40 hours), for an approximate total of \$38,680.

Regarding the Regional Water Quality Control Board, a Basin Plan Amendment related to the revision to the Salt and Nutrient Management Plan is planned to be completed in FY 2025-2026. On this matter, work will be conducted by Slater (25 hours), Herrema (40 hours), and Markham (60 hours) for an approximate total of \$63,200.

**Santa Ana River Water Rights (6907.34)**

\$ 21,405

Legal counsel is currently completing a process to extend the time in which Watermaster must seek to license its water right permit numbers 19895 and 20753 – a substantial amount of work was completed on this in FY 2017-2018, and additional progress was been made in FY 2021-2022 but it is likely that the SWRCB's processing will not be completed until FY 2025-2026. SWRCB staff have requested additional information in order to complete this process. Watermaster additionally is required to complete annual reporting to the Department of Fish and Wildlife and the SWRCB regarding its diversions under its permit 21225. In addition, given the history on the Santa Ana River it is prudent to account for some level of activity regarding water rights on the River. Work under this budget item is split 1/3 Herrema (15 hours) and 2/3 Markham or an equivalent billing attorney (30 hours) for an approximate total of \$21,405.

**Recharge Master Plan (6907.39)****\$ 14,270**

Each year, counsel spends a limited amount of time assisting with administration of the projects approved as part of the RMPUs. It is anticipated that the effort in this regard will be spread among Herrema (10 hours) and Markham or an equivalent billing attorney (20 hours) for an approximate total of \$14,270.

**Prado Basin Habitat Sustainability (6907.41)****\$ 10,290**

The Peace II Subsequent Environmental Impact Report includes mitigation requirements as to the development of a Prado Basin Habitat Sustainability Committee and Program be developed. Watermaster and IEUA have entered into a cost sharing agreement as to the required mitigation and Watermaster will have ongoing obligations thereunder. It is anticipated that Herrema will provide (10 hours) and Markham (10 hours) for an approximate total of \$10,290.

**SGMA Compliance (6907.44)****\$ 10,290**

Based on the Chino Basin's adjudicated status, Watermaster has certain obligations to annually report information to DWR. It is anticipated that there will also be a minimal amount of work associated with tracking and evaluating how new SGMA directives may affect the Basin or suggest changes to Basin management. This will include work by Herrema (10 hours) and Markham or an equivalent billing attorney (10 hours) for an approximate total of \$10,290.

**OBMP Update (6907.45)****\$177,240**

The Watermaster Board approved the 2020 OBMP in October 2020. The LSLs was approved in July. Work in 2025-2026 would include assistance with OBMPU implementation and assisting the parties with issues associated with potential amendments to the Peace Agreement and OBMPU Implementation Plan. This effort would include work by Slater (80 hours), Herrema (120 hours) and Markham or an equivalent billing attorney (120 hours) for an approximate total of \$177,240.

**2020 Safe Yield Reset (6907.47)****\$151,180**

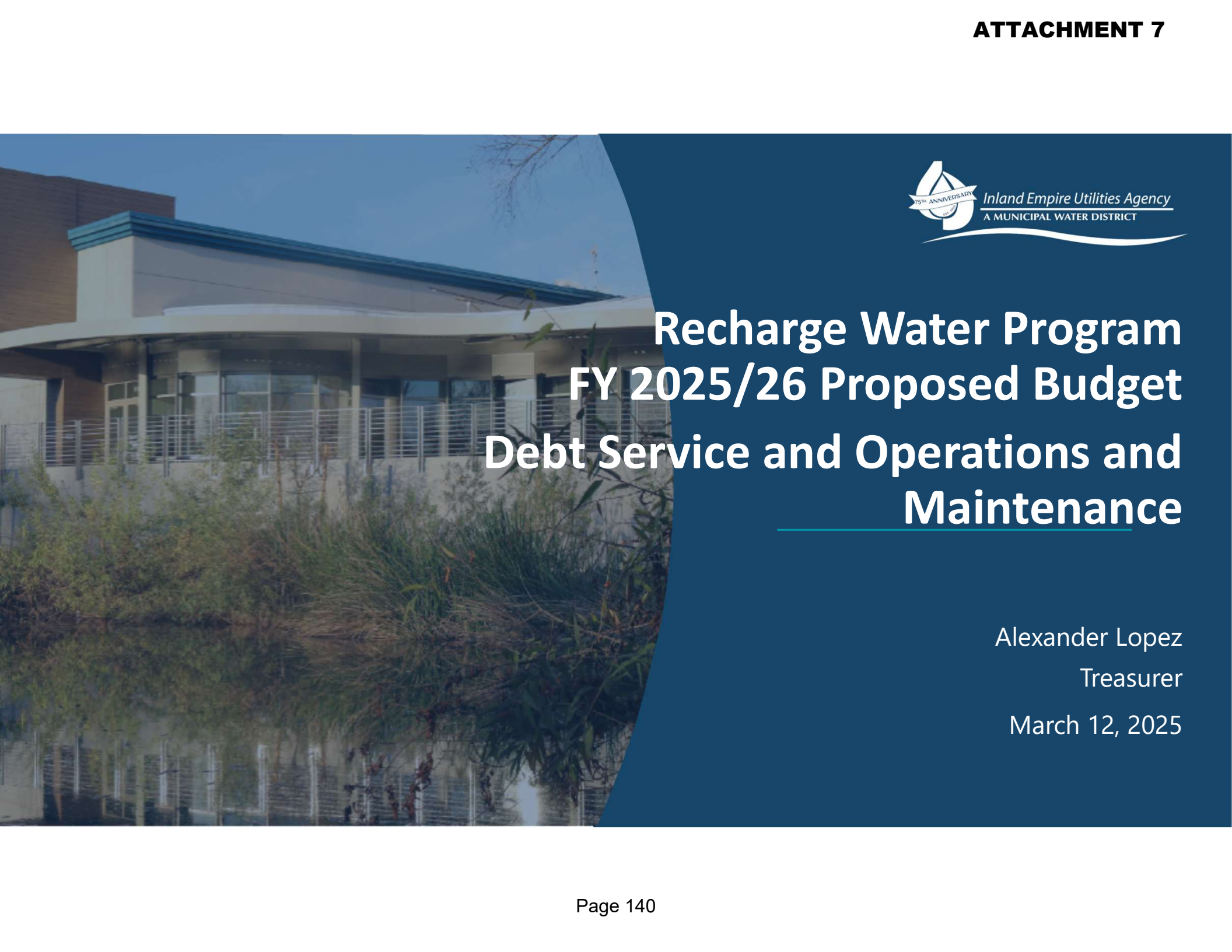
The Court's 2017, 2019, and 2020 orders as to future Safe Yield resets include processes for potential update to the reset methodology, peer review, and the outcome of the State's process regarding water use efficiency requirements. There will be work in FY 2025-2026 associated with the implementation of these orders, including the completion of the 2025 Model Update and Safe Yield Evaluation and any ensuing action by the Parties and Watermaster. This will include work by Slater (60 hours), Herrema (100 hours), and Markham or an equivalent billing attorney (120 hours) for an approximate total of \$151,180.

**San Sevaine Basin Discharge State Litigation (6907.50)****\$ 54,130****San Sevaine Discharge CWA Litigation (6907.51)****\$150,440**

Watermaster and IEUA recharge stormwater and recycled water in the San Sevaine recharge basins. During the winter of 2022-23, sediment was discharged into the basins from upgradient properties. Watermaster and IEUA are seeking compensation for the impacts of that sedimentation as well as required compliance by the upgradient property owners. For this item, it is anticipated that it will include work by Waterman (145 hours), Herrema or litigation counsel (65 hours) and Markham or an equivalent billing attorney (200 hours) for an approximate total of \$204,570.

**Unanticipated Activities (6907.9)****\$ 38,885**

Regarding the unanticipated activities that may occur during the year (please see the discussion on page 1, above), Slater has been budgeted at (25 hours) and Herrema is budgeted (35 hours) for an approximate total of \$38,885.



# **Recharge Water Program FY 2025/26 Proposed Budget Debt Service and Operations and Maintenance**

Alexander Lopez  
Treasurer  
March 12, 2025



## 2 Summary Debt Service

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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
<b>Total Debt Service</b>	<b>\$1,020,929</b>	<b>\$590,207</b>	<b>\$430,722</b>





### 3 Bond Debt Service

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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
<b>Total Bond Debt Service</b>	<b>\$956,774</b>	<b>\$478,387</b>	<b>\$478,387</b>
Deferred Amortization adjustment	(197,276)	(98,638)	(98,638)
<b>Debt Service (net of adjustment)</b>	<b>\$759,498</b>	<b>\$379,749</b>	<b>\$379,749</b>



## 4 SRF Loan Debt Service

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

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

## 5 Future SRF Loan Debt Service



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

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



## 6 Operations and Maintenance

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

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

# Thank You

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@IEUAwater

[ieua.org](http://ieua.org)



*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.*

Groundwater Recharge Pro Rata Cost Sharing Methodology  
60-Month (5-Year) Recharge History to Proposed Budget

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]	[K]	[L]	[M]	[N]	[O]	[P]	[Q]
Drainage / Facility	Facility Site Weight	60-Month (5-year) Recharge (AF) February 2020 to January 2025				CBWM Pro Rata	IEUA Pro Rata	GWR O&M FY Budgeted Expenses (2024/25)*						Cost Share*		
		SW/LR	MWD	RW	Recharge Total	SW/LR & MWD	RW	Basin Maintenance		O&M Labor	Utilities	Contracted Specialty Repairs	Facility Cost Subtotal	CBWM Share	IEUA Share	
								Services	SBC and WCD							
Facilities That Can Be Utilized for Recharge With Recycled Water																
San Antonio Channel																
Brooks	1.00	2,237	0	4,057	6,294	36%	64%	\$ 18,840.000	\$ 500.00	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 81,072.10	\$ 28,817.42	\$ 52,254.68	
West Cucamonga Creek																
7th & 8th Street	1.00	3,946	127	6,137	10,210	40%	60%	\$ 31,468.000	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 94,057.24	\$ 37,522.85	\$ 56,534.39	
Ely	1.00	8,197	0	4,519	12,716	64%	36%	\$ 41,936.000	\$ 500.00	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 104,168.10	\$ 67,149.52	\$ 37,018.58	
Cucamonga Creek																
Turner 1 & 2	1.00	3,805	1,329	1,210	6,344	81%	19%	\$ 38,620.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 101,209.24	\$ 81,906.14	\$ 19,303.10	
Deer Creek																
Turner 3, 4, 5 & 8	1.00	2,175	0	2,045	4,220	51%	48%	\$ 23,656.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 86,245.24	\$ 44,445.90	\$ 41,799.34	
Etiwanda Creek																
Victoria	1.00	2,798	99	6,965	9,862	29%	71%	\$ 25,856.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 88,445.24	\$ 25,981.92	\$ 62,463.33	
San Sevaine Creek																
San Sevaine 1,2,3, 4, & 5	1.00	6,279	11,034	11,324	28,637	60%	40%	\$ 365,600.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 428,189.24	\$ 258,870.24	\$ 169,319.00	
West Fontana Channel																
Banana	1.00	1,254	0	3,927	5,181	24%	76%	\$ 14,460.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 77,049.24	\$ 18,650.66	\$ 58,398.58	
Hickory	1.00	1,298	1,039	3,153	5,490	43%	57%	\$ 16,160.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 78,749.24	\$ 33,521.21	\$ 45,228.03	
Declez Channel																
RP-3 Cells 1, 2R, 3, and 4 (2M recharge)	0.80	3,174	683	31,098	34,955	11%	89%	\$ 346,148.00	\$ -	\$ 33,025.68	\$ 6,800.00	\$ 9,560.00	\$ 395,533.68	\$ 43,641.79	\$ 351,891.89	
Declez	1.00	3,363	0	3,646	7,009	48%	52%	\$ 19,292.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 81,881.24	\$ 39,284.02	\$ 42,597.22	
Subtotals	10.80	38,526	14,311	78,081	130,918			\$ 942,036.00	\$ 7,857.14	\$ 445,846.68	\$ 91,800.00	\$ 129,060.00	\$ 1,616,599.82	\$ 679,791.68	\$ 936,808.14	
Facilities That Can Be Utilized for Recharge with Imported and Stormwater Only																
San Antonio Channel																
College Heights	1.00	190	8,663	0	8,854	100%	0%	\$ 11,700.00	\$ 500.00	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 73,932.10	\$ 73,932.10	\$ -	
Upland	1.00	2,409	3,397	0	5,806	100%	0%	\$ 8,950.00	\$ -	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 70,682.10	\$ 70,682.10	\$ -	
Montclair 1 - 4	1.00	6,267	36,511	0	42,778	100%	0%	\$ 8,200.00	\$ 500.00	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 70,432.10	\$ 70,432.10	\$ -	
Day Creek																
Lower Day	1.00	3,421	5,088	0	8,509	100%	0%	\$ 332,028.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 394,617.24	\$ 394,617.24	\$ -	
Wineville	1.00	0	0	0	0	100%	0%	\$ 27,000.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 89,589.24	\$ 89,589.24	\$ -	
Etiwanda Creek																
Etiwanda Debris Basin	1.00	2,172	5,089	0	7,261	100%	0%	\$ 12,988.00	\$ 857.14	\$ 41,282.10	\$ -	\$ 11,950.00	\$ 67,077.24	\$ 67,077.24	\$ -	
San Sevaine Creek																
Jurupa	1.00	2,533	1,132	0	3,665	100%	0%	\$ 18,712.00	\$ 857.14	\$ 41,282.10	\$ -	\$ 11,950.00	\$ 72,801.24	\$ 72,801.24	\$ -	
Declez Channel																
RP3 Cell 2M (cost)	0.20					100%	0%	\$ 18,400.00	\$ 857.14	\$ 8,256.42	\$ 1,700.00	\$ 2,390.00	\$ 31,603.56	\$ 31,603.56	\$ -	
Misc.																
Grove Basin	1.00	1,233	0	0	1,233	100%	0%	\$ 14,056.00	\$ 857.14	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 76,645.24	\$ 76,645.24	\$ -	
MWD Turnouts	1.00					100%	0%	\$ 8,368.00	\$ -	\$ 41,282.10	\$ 8,500.00	\$ 11,950.00	\$ 70,100.10	\$ 70,100.10	\$ -	
Rubber Dams	0.00					50%	50%						\$ -	\$ -	\$ -	
Subtotals	9.20	18,224	59,881	0	78,105			\$ 460,402.00	\$ 6,142.86	\$ 379,795.32	\$ 61,200.00	\$ 109,940.00	\$ 1,017,480.18	\$ 1,017,480.18	\$ -	
Subtotal - All Facilities General O&M																
	20.00	56,750	74,192	78,081	209,023			\$ 1,402,438.00	\$ 14,000.00	\$ 825,642.00	\$ 153,000.00	\$ 239,000.00	\$ 2,634,080.00	\$ 1,697,271.86	\$ 936,808.14	
Special O&M Projects																
None	1.00					50%	50%							\$ -	\$ -	
														\$ -	\$ -	
Subtotals													\$ -	\$ -	\$ -	
Total - General O&M and Projects																
	20.00	56,750	74,192	78,081	209,023			\$ 1,402,438.00	\$ 14,000.00	\$ 825,642.00	\$ 153,000.00	\$ 239,000.00	\$ 2,634,080.00	\$ 1,697,271.86	\$ 936,808.14	

Footnotes:

\* On quarterly invoices, IEUA will credit CBWM for an estimated pro rata cost share based on this cost sharing methodology

At the conclusion of the fiscal year upon obtaining final budget actuals, IEUA will account for a pro rata credit/debit to be applied to the then current fiscal invoicing cycle.

\*Account 7206



# CHINO BASIN WATERMASTER

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

## STAFF REPORT

DATE: May 8, 2025  
TO: AP/ONAP/OAP Committee Members  
SUBJECT: Scope of Work - 2025 Safe Yield Reevaluation Technical Results (Business Item II.B.)

Issue: Consideration of the Scope of Work for the peer review engagement of the 2025 Safe Yield Reevaluation technical results. [Within WM Duties and Powers]

Recommendation: Provide advice and assistance to the Watermaster staff and Advisory Committee.

Financial Impact: None.

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### ACTIONS:

Appropriative Pool – May 8, 2025 [Recommended]: Advice and assistance.  
Non-Agricultural Pool – May 8, 2025 [Recommended]: Advice and assistance.  
Agricultural Pool – May 8, 2025 [Recommended]: Advice and assistance.  
Advisory Committee – May 15, 2025 [Recommended]: Advice and assistance.  
Watermaster Board – May 22, 2025 [Recommended]: Approve Scope of work for Peer Review



## BACKGROUND

The court ordered update to the Chino Basin groundwater model is complete and the technical analysis for the 2025 Safe Yield Reevaluation is in its final stages. A workshop to showcase preliminary results was held on March 25, 2025. Prior to the release of the Final Administrative Draft of the technical analysis report, the Watermaster Board requested, at their April 24, 2025 meeting, that an independent peer review of the groundwater model results and methodologies be conducted prior to finalizing the report for Board consideration.

The process for selecting the consulting firm for the peer review was discussed with the Pool Committees and Advisory Committee during their April 2025 meetings. The Advisory Committee recommended that the Watermaster Board support the selection of the consulting firm from a “select” list of bidders as detailed in “Option 1” of the April 17, 2025 staff report. Option 1 in the staff report was presented as follows.

1. Solicit firms from a “select” List of Bidders to provide a quote from a uniform Scope of Work.
  - a. Establish Scope of Work
  - b. Solicit “select” List of Bidders – maximum of five (5) firms
  - c. Contact firms to determine interest, availability, and ability to meet the timelines
  - d. Schedule Pre-bid conference meetings/calls
  - e. Receive proposals
  - f. Rate firms based on the following matrix
    - i. 20% Experience
    - ii. 45% Approach
    - iii. 35% Price
  - g. Watermaster contract approval process (May at the earliest)
    - i. Pools/Advisory/Board

## DISCUSSION

Watermaster has contacted ten (10) firms to date with the experience and expertise to conduct the peer review work and also are independent of a current engagement with Chino Basin parties. There are also a number of firms that have the experience and expertise to conduct the peer review work but are currently working in the basin or have done work for parties in the past. These firms were not automatically disqualified; however, further discussions with them will be taking place before a final decision is made. If a consulting firm that is currently or recently engaged in work for a Chino Basin party is selected for the proposed list of bidders, appropriate disclosures and justifications for consideration will be made. The five firms selected will be invited to submit a proposal based on a uniform scope of work to be provided to them by Watermaster.

The Watermaster general manager approached the Appropriative Pool to help accelerate and kick-start the development of the Scope of Work for the peer review engagement. The outline from the staff report in April to the Advisory Committee and Watermaster Board serves as the starting point for development of the final proposed Scope of Work. The report detailed the following:

*The purpose of the proposed peer review is to render an independent opinion to the Watermaster Board on the results of the updated 2025 Chino Valley Model (CVM) calculations for Net Recharge. The review will also evaluate whether the CVM can be reliably used as a predictive model required under the 2022 Safe Yield Methodology approved by the Court. The firm may evaluate the following:*

1. *Evaluate Watermaster’s implementation of the 2022 Safe Yield Methodology to ensure compliance with the Court order.*
2. *Confirm the total storage capacity of the Chino Basin.*
3. *Review assumptions that could have a material impact on the calculation of Net Recharge.*
4. *Review specific calculations for Deep Infiltration of Precipitation and Applied Water (DIPAW), Prado Basin ET (rising groundwater), Streambed infiltration,*

*basin boundary inflows/outflows, Changes in Storage, and movement of water through the vadose zone.*

5. *Other Model elements recommended by the selected firm.*

The Appropriative Pool has also requested that the selected firm propose recommendations to “optimize” the operation of the basin to enhance the Safe Yield of the basin.

The Pool Committees are asked to provide advice and assistance to the Watermaster staff in finalizing the Scope of Work for the Advisory Committee and Watermaster Board consideration later this month. It is important to note that Watermaster staff also welcomes input from the technical experts who support parties within the various Pools. The goal is to create a Scope of Work with an intentional focus on those elements of the model results that have a measurable impact on the Net Recharge of the basin. The parties’ participation to work through the Watermaster process and develop an agreed-upon Scope of Work for the peer review engagement will increase the confidence in the final Safe Yield Evaluation report.

While the final Scope of Work may not be able to consider all requests or recommendations due to the available time required to complete the work, all input and recommendations will be considered.

#### ATTACHMENT

1. Scope of work for the Peer Review of the Safe Yield Reevaluation results. [To be distributed separately]



**CHINO BASIN WATERMASTER**

# **Peer Review of the 2025 Safe Yield Evaluation Process and Results**

## **SCOPE OF WORK (Proposed)**

**May 8, 2025**

Chino Basin Watermaster (Watermaster) requests proposals for a Peer Review engagement of the draft 2025 Safe Yield Evaluation Process and Results (SYEPR).

All published documents and presentations related to the 2025 SYEPR are posted to the Watermaster website at <https://www.cbwm.org/pages/syrm/>. Additionally, the final draft report will be provided to the final selected firm in confidence for review and reference to support the Scope of Work (SOW) as detailed below.

The SOW builds on the elements identified in the April 24, 2025 staff report to the Watermaster Board and consists of the following:

### **Task 1 – Evaluate Watermaster’s implementation of the court-approved 2022 Safe Yield Reset Methodology**

The respondent shall review the Court Order approving the Safe Yield Reset Methodology and evaluate whether the process used by Watermaster to determine the estimate of Net Recharge is consistent with the Court Order. Any deviations between the methodology from the Court Order and the implementation of those deviations shall be noted and described in the final Peer Review report.

This review includes, but is not limited to, the following:

- The assumptions made for future water demands and cultural conditions across the basin
- An evaluation of the approach used to identify and select the multiple calibrated realizations, each with distinct parameter distributions, used in the Uncertainty Analysis
- An evaluation of the estimated ranges of Net Recharge determined

### **Task 2 – Review Assumptions and Calculations Used to Estimate Net Recharge**

The Chino Valley Model (CVM) uses a suite of models together to develop water budgets necessary to estimate the Net Recharge of the Chino Basin. These models include:

- Hydrological Solution Program Fortran (HSPF): surface water routing program from mountain-front recharge.
- R4 Surface Water Simulation Model: estimates recharge from precipitation, recharge from applied water, runoff, and infiltration of storm flow in unlined stream channels.
- HYDRUS-2D: simulates water flow and solute transport in variably saturated porous media.
- MODFLOW-NWT: simulates saturated subsurface groundwater flow through use of a numerical groundwater flow model.

The respondent shall provide a technical review of each of the models and their assumptions and input parameters used to derive Net Recharge. Of particular interest are the assumptions and calculations used to derive the following:

- Deep Infiltration of Precipitation and Applied Water (DIPAW)
  - From precipitation
  - From urban irrigation
  - From agricultural irrigation
- Mountain-front recharge
- Streambed infiltration
- Basin boundary inflows/outflows
- Evapotranspiration along the Santa Ana River
- Assumptions regarding aquifer parameters
  - Hydraulic conductivity
  - Transmissivity
  - Specific yield
  - Storativity

### **Task 3 – Review elements relating to the CVM model calibration and determination of storage levels in the basin**

The respondent shall review the technical results, outputs and reports for the calibration of the CVM and provide an evaluation in the peer review report.

The respondent is asked to review the model realization used to derive the proposed 2025 Net Recharge to evaluate how the CVM calculates and validates the storage levels in the basin. This should include the amount of water still in the vadose zone and the water in the accessible/exploitable portion of the aquifer.

The respondent is asked to review the CVM assumptions, characterizations and quantification of net inflows/(outflows) of the basin from the Santa Ana River.

The respondent is asked to consider and evaluate if there is available information to determine the effect of and relationship between storage levels in the basin and Net Recharge.

The parties are interested in the initial observations of the respondent on what future actions could be considered to maximize both basin Safe Yield and storage levels. The parties recognize that additional work may be required to develop implementation plans for operational optimization of the basin.

### **Task 4 – Other Issues Relevant to the Calculation of Net Recharge**

The respondent shall communicate, in its Peer Review report, other issues not specified in Tasks 1 through 3 that are identified while reviewing the CVM that has a measurable impact on the calculation of Net Recharge.

The respondent is asked to address in its report whether the CVM can be reasonably used as a predictive model for the calculation of Net Recharge.

## **Task 5 – Engagement Requirements**

The respondent shall participate in a biweekly meeting to update Watermaster staff and consultants to discuss questions and the progress of the engagement.

The Peer Review engagement must be completed, including recommendations that result in updates by Watermaster to the model inputs, model scenarios or model runs by September 18, 2025 which includes a presentation of findings given to the Advisory Committee on that date (virtually or in person). The presentation must include any recommended changes to the 2025 SYEPR based on the peer review evaluation as well as findings based on Tasks 1-4 above. The respondent must also present the final Peer Review report, in person, to the Watermaster Board on September 25, 2025.

The respondent must be available for all October meetings of Pool Committees (10/9/25), Advisory Committee (10/16/25) and Watermaster Board (10/23/25). The respondent has the discretion to attend these meetings virtually or in person.



# CHINO BASIN WATERMASTER

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909.484.3888 www.cbwm.org

## STAFF REPORT

DATE: May 8, 2025

TO: AP/ONAP/OAP Committee Members

SUBJECT: Application: Local Storage Agreement - ONAP (Business Item II.C.)

Issue: Consideration of an application for a Local Storage Agreement – Storage of Excess Carryover water by members of the Overlying (Non-Agricultural) Pool in amounts to be determined as of the close of Fiscal Year 2024/25 (June 30, 2025). [Within WM Duties and Powers]

Recommendation: Provide advice and assistance to the Advisory Committee on the proposed agreement.

Financial Impact: None.

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### ACTIONS:

Appropriative Pool – May 8, 2025 [Recommended]: Advice and assistance.

Non-Agricultural Pool – May 8, 2025 [Recommended]: Advice and assistance.

Agricultural Pool – May 8, 2025 [Recommended]: Advice and assistance.



## BACKGROUND

The Court approved the Peace Agreement, the Optimum Basin Management Program (OBMP) Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000. Watermaster was ordered to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge, or transfer water, as well as for applications for credits or reimbursements and Storage and Recovery Programs.

Per the Peace Agreement, Watermaster must approve applications for storage unless there is a finding of material physical injury as a result of the transaction. Where the request for Watermaster approval is submitted by a Party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a Party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

Pursuant to the Peace Agreement §5.2; Restated Judgment, Exhibit G, Non-Agricultural Pool Pooling Plan ¶7; Restated Judgment Exhibit H, and Appropriative Pool Pooling Plan ¶12, parties are required to have approved Local Storage Agreements for the amounts in their stored water accounts.

The following application for Local Storage Agreements was noticed to stakeholders on May 2, 2025:

- Consideration of Local Storage Agreements – Storage of Excess Carryover Water by the Non-Agricultural Pool in amounts to be determined, and as of the close of Fiscal Year 2024/25 (June 30, 2025).

## DISCUSSION

At its April 10, 2025 meeting, the Overlying (Non-Agricultural) Pool directed its Chair and Counsel to submit a “universal” application (Form 1) for Overlying (Non-Agricultural) Pool Excess Carryover “for each member, a quantity equal to the surplus carryover of such member as of midnight on the evening of June 30, 2025” (Attachment 1).

The Safe Storage Capacity limit of the Chino Basin has been established as amended as follows.

- The 500,000 acre-feet Safe Storage Capacity threshold analyzed in the OBMP Implementation Plan PEIR was re-examined and revised to 600,000 acre-feet, through June 30, 2021.
- On May 27, 2021, the Watermaster Board adopted Resolution 2021-03 (Implementation of the Local Storage Limitation Solution), finding that a proposed order should be filed with and adopted by the Court regarding the management and administration of volumes of stored water exceeding 500,000 acre-feet up to a maximum of 700,000 acre-feet. On June 25, 2021, the Court approved the Implementation of the Local Storage Limitation Solution, increasing the Safe Storage Capacity thresholds to 700,000 acre-feet through June 30, 2030, and thereafter 620,000 acre-feet through June 30, 2035.
- On October 24, 2024, the Watermaster Board adopted Resolution 2024-04 to raise the Safe Storage Capacity threshold even further to 900,000 acre-feet through 2040, which the Court subsequently approved on January 13, 2025.

Pursuant to the Peace Agreement, standard losses will be applied to all water placed into Local Supplemental Storage Accounts in a manner consistent with all other water held in storage. The quantities in the Parties’ stored water accounts will be finalized at the time the 2025/26 Assessment Package is adopted (generally in November each year).

The appellate court's opinion issued on April 18, 2025, regarding the Dry Year Yield (DYY) matter states that Paragraph 28 of the Judgment relating to basin storage should consider economic impacts in the considerations of significant adverse impacts under the Judgment in the analysis of transactions involving storage agreements. As such Watermaster recommends that this item be deferred until the final ruling has been issued, likely in late May 2025. The final ruling will allow Watermaster the clarification needed to undertake the full analysis of economic impacts, which will likely take place in June 2025.

#### ATTACHMENTS

1. Form 1 – Application for Local Storage Agreement including Attachment
2. Notice Forms

# **APPLICATION FOR LOCAL STORAGE AGREEMENT**

## **APPLICANT**

Non-Agricultural Pool Committee, for its members  
Name of Party

April 29, 2025

Date Requested

Date Approved

Various

Street Address

For each member, a quantity  
equal to the surplus carryover of  
such member as of midnight on  
the evening of June 30, 2025.  
See Attachment.

Various

City

CA

State

Various

Zip Code

Telephone: Various

Amount Requested

Amount Approved

Facsimile: Various

## **TYPE OF WATER TO BE PLACED IN STORAGE**

☒ Excess Carry Over      ☐ Local Supplemental or Imported      ☐ Both

## **PURPOSE OF STORAGE - Check all that may apply**

- ☐ Stabilize or reduce future water costs/assessments.
- ☐ Facilitate utilization of other available sources of supply.
- ☐ Facilitate replenishment under certain well sites.
- ☐ Preserve pumping right for a changed future potential use.
- ☒ Other, explain Any purpose authorized or otherwise permitted under the Judgment and/or other governing documents

## **METHOD AND LOCATION OF PLACEMENT IN STORAGE - Check and attach all that may apply**

<input type="checkbox"/> Recharge (Form 2)	N/A: This application applies only to surplus carryover of members of the Non-Agricultural Pool. Surplus carryover consists of unproduced ground water.
<input type="checkbox"/> Transfer of Right to Water in Storage (Form 3)	
<input type="checkbox"/> Transfer from another party to the Judgment (Form 5)	

## **METHOD AND LOCATION OF RECAPTURE FROM STORAGE - Check and attach all that may apply**

<input type="checkbox"/> Pump from my wells (Form 4)	Other: Any method permitted under the Judgment and/or other governing documents.
<input type="checkbox"/> Transfer to another party to the Judgment (Form 3)	

## **WATER QUALITY AND WATER LEVELS**

What is the existing water quality and what are the existing water levels in the areas that are likely to be affected?

For information about the water quality and water levels of the Basin, please see

[http://www.cbwm.org/rep\\_engineering.htm](http://www.cbwm.org/rep_engineering.htm) and [http://cbwm.org/rep\\_eng\\_maps.htm](http://cbwm.org/rep_eng_maps.htm)

**MATERIAL PHYSICAL INJURY**

Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes [ ] No [ X ]

If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in Material Physical Injury to a party to the Judgment or the Basin?

**ADDITIONAL INFORMATION ATTACHED** Yes [ X ] No [ ]



Applicant,  
Chair, Non-Agricultural Pool Committee, as authorized by affirmative action of the Committee at its regular meeting on April 10, 2025

**TO BE COMPLETED BY WATERMASTER:**

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_

HEARING DATE, IF ANY: \_\_\_\_\_

DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

## ATTACHMENT

This is an application for storage agreements authorized by the Non-Agricultural Pool Committee on behalf of the members of the Non-Agricultural Pool for surplus carryover of such members as of June 30, 2025.

In Section 8 of the Judgment, the Court determined that the members of the Non-Agricultural Pool were owners of an overlying water right. [Judgment, Section 8.] The allocation of Safe Yield to members of the Non-Agricultural Pool is not subject to adjustment for changes in Safe Yield. [Judgment, Section 44.]

If a member of the Non-Agricultural Pool produces less than its assigned share of Operating Safe Yield in any year, such unproduced water is considered "carryover," and may be produced by such member in a subsequent year. [Judgment, Exhibit G, Section 7.] The first water produced by such member during any such subsequent year is deemed to be produced from any such carryover. [Judgment, Exhibit G, Section 7.] If the quantity of carryover of any member of the Non-Agricultural Pool in a year exceeds its production in such year, then such unproduced water is considered "surplus carryover." [Judgment, Exhibit G, Section 7.] Section 7 of Exhibit G provides that members of the Non-Agricultural Pool shall execute storage agreements with Watermaster "as a condition of preserving such surplus carryover."

The applicant understands that, at least in some instances, and for reasons unknown to the applicant, the term "surplus carryover" is referred to as "excess carryover." For that reason, the applicant has checked the box marked "excess carryover" on this form.

The applicant understands that Watermaster reports the quantity of carryover and excess carryover of each member of the Non-Agricultural Pool in the annual assessment packages. The most recent annual assessment package is available on Watermaster's website. [http://www.cbwm.org/rep\\_finance.htm](http://www.cbwm.org/rep_finance.htm). Based on Section 7 of Exhibit G to the Judgment, as described in the preceding paragraph, the quantity added to the surplus carryover of each member of the Non-Agricultural Pool for the year ended June 30, 2025 is equal to or less than the carryover of such member for the year ended June 30, 2024.

Carryover becomes surplus carryover on June 30 of each year. In order to "preserve such surplus carryover," the Non-Agricultural Pool Committee desires that members of the Non-Agricultural Pool have storage agreements in place on or prior to June 30 of each year, or, where doing so prior to June 30 is not feasible, as soon as practicable thereafter.



## ***CHINO BASIN WATERMASTER***

# **NOTICE**

OF

## **APPLICATION(S)**

RECEIVED FOR

## **LOCAL STORAGE AGREEMENT**

Date of Notice:

May 2, 2025

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

## **APPLICATION FOR LOCAL STORAGE AGREEMENT**

The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process.

## NOTICE OF APPLICATION(S) RECEIVED

Date of Application: **April 29, 2025**

Date of this notice: **May 02, 2025**

Please take notice that the following Application has been received by Watermaster:

- Notice of Application for a Local Storage Agreement – Storage of Excess Carryover Water by members of the Overlying (Non-Agricultural) Pool in amounts to be determined as of the close of Fiscal Year 2024/25 (June 30, 2025).

This **Application** will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 08, 2025

Non-Agricultural Pool: May 08, 2025

Agricultural Pool: May 08, 2025

This **Application** will be scheduled for consideration by the Advisory Committee **no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days** after the last pool committee reviews it.

After consideration by the Advisory Committee, the **Application** will be considered by the Board.

Unless the **Application** is amended, as **Contests** must be submitted a minimum of fourteen (14) days prior to the Advisory Committee's consideration of an **Application**, parties to the Judgment may file **Contests** to the **Application** with Watermaster **within seven calendar days** of when the last pool committee considers it. Any **Contest** must be in writing and state the basis of the **Contest**.

Watermaster address:

Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

Tel: (909) 484-3888  
Web: [www.cbwm.org](http://www.cbwm.org)



# 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

## Cost Summary:

- Actual Cost as of April 10, 2025: **\$ 26,576,471**
- Remaining Budget: **\$ 2,269,545**

## Progress:

- Construction with MNR is 95% completed (April 2025)
- Overall construction is 85% completed (March 2026)

## Recently completed scope items

- Rubber dam system at Wineville Basin's spillway
- Control slide gates within Wineville Basin
- Basin grading for a new pump station at Wineville
- Power, controls, and communication systems at Wineville
- 2-miles of 30-Inch Pipeline passing through Fontana and Ontario.
- Stormwater diversion to Jurupa Basin.

## Remaining scope items:

- Purchase pumps for Wineville Basin and Jurupa Basin
- Install and test the new pumps

## Updates:

- Finalizing pump order on May 21, 2025
- Requesting additional SRF funds
- See updated progress schedule

TASK	PROGRESS	START	END
<b>Prepare Solicitation Documents</b>			
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
<b>Request for Qualification of Pump Suppliers</b>			
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
<b>Request for Proposal of Prequalified Suppliers</b>			
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	100%	28-Feb-25	21-Mar-25
Receive Final Submittal (milestone)	100%	21-Mar-25	21-Mar-25
IEUA Reviews Final Submittal to Decide Pump Supplier	100%	24-Mar-25	07-Apr-25
Board of Directors' Authorization of Purchase Order (milestone)	0%	21-May-25	21-May-25
<b>Pump Fabrication/Installation/Testing/Close-out</b>			
Fabrication (22 weeks)	0%	22-May-25	23-Oct-25
Delivery	0%	23-Oct-25	06-Nov-25
Installation	0%	06-Nov-25	05-Jan-26
Testing	0%	05-Jan-26	05-Feb-26
Close Out	0%	05-Feb-26	19-Feb-26



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Outlet Control Gate/Rubber Dam System



Control/Pump Station Building