

# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

**Thursday, September 15, 2022**

9:00 a.m. – Advisory Committee Meeting

# **CHINO BASIN WATERMASTER**

**Thursday, September 15, 2022**

9:00 a.m. – Advisory Committee Meeting

## **AGENDA**

**CHINO BASIN WATERMASTER  
ADVISORY COMMITTEE MEETING**

9:00 a.m. – September 15, 2022

*Mr. Chris Berch, Chair*

*Mr. Brian Geye, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

*(Meeting can also be taken remotely via Zoom at this [link](#))*

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**AGENDA – ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**Note: 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 Advisory Committee Meeting held August 18, 2022 *(Page 1)*

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of July 2022 *(Page 8)*
2. Watermaster VISA Check Detail for the month of July 2022 *(Page 20)*
3. Combining Schedule for the Period July 1, 2022 through July 31, 2022 *(Page 23)*
4. Treasurer's Report of Financial Affairs for the Period July 1, 2022 through July 31, 2022 *(Page 26)*
5. Budget vs. Actual Report for the Period July 1, 2022 through July 31, 2022 *(Page 30)*
6. Cash Disbursements for August 2022 (Information Only) *(Page 53)*

**C. APPLICATION: WATER TRANSACTION *(Page 64)***

Provide advice and assistance to the Watermaster Board on the proposed transaction:

The purchase of 708.3 acre-feet of water from West End Consolidated Water Company by City of Upland. This purchase is made from West End Consolidated Water Company's Excess Carryover Account. City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

**D. APPLICATION: WATER TRANSACTION *(Page 72)***

Provide advice and assistance to the Watermaster Board on the proposed transaction:

The purchase of 66.4 acre-feet of water from West End Consolidated Water Company by Golden State Water Company. This purchase is made from West End Consolidated Water Company's Annual Production Right. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.

**E. APPLICATION: WATER TRANSACTION *(Page 80)***

Provide advice and assistance to the Watermaster Board on the proposed transaction:

The purchase of 440 acre-feet of water from City of Upland by Golden State Water Company. This purchase is made from City of Upland's Annual Production Right

**F. OBMP SEMI-ANNUAL STATUS REPORT 2022-1 (Page 88)**

Recommend to the Watermaster Board to adopt the Semi-Annual OBMP Status Report 2022-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**II. BUSINESS ITEMS**

**A. SAFE YIELD RESET METHODOLOGY UPDATE (Page 109)**

Provide recommendation and advice to the Watermaster Board regarding the filing of the updated Safe Yield Reset Methodology with the Court.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL**

1. San Bernardino County Superior Court Emergency Order
2. September 30, 2022 Hearing
3. Motion Challenging Watermaster's Budget Action To Fund Unauthorized CEQA Review
4. Governor's Executive Order N-7-22
5. Kaiser Permanente Lawsuit
6. Rules and Regulations Update

**B. ENGINEER**

1. Ground-Level Monitoring Committee Update

**C. CHIEF FINANCIAL OFFICER**

None

**D. GENERAL MANAGER**

1. 2020 OBMP
2. SNMP Presentation Date – October 27, 2022 at 9:30am
3. Workshop IV
4. Supplemental Water Flowchart
5. 2023 RMPU
6. Water Activity Reports
7. Other

**E. INLAND EMPIRE UTILITIES AGENCY**

1. Groundwater Recharge Update (Oral Report)
2. MWD Update (Written)
3. State and Federal Legislative Reports (Written)
4. Community Outreach/Public Relations Report (Written)

**F. METROPOLITAN MEMBER AGENCY REPORTS**

**IV. COMMITTEE MEMBER COMMENTS**

**V. OTHER BUSINESS**

**VI. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

**VII. FUTURE MEETINGS AT WATERMASTER**

09/15/22	Thu	9:00 a.m.	Advisory Committee
09/22/22	Thu	11:00 a.m.	Watermaster Board
09/29/22	Thu	9:00 a.m.	Ground-Level Monitoring Committee (GLMC)
10/06/22	Thu	9:00 a.m.	Joint Board Workshop: Regional Water Supply (Location TBD)
10/13/22	Thu	9:00 a.m.	Appropriative Pool Committee
10/13/22	Thu	11:00 a.m.	Non-Agricultural Pool Committee
10/13/22	Thu	1:30 p.m.	Agricultural Pool Committee
10/20/22	Thu	9:00 a.m.	Advisory Committee
10/27/22	Thu	9:30 a.m.	Maximum Benefit SNMP Presentation
10/27/22	Thu	11:00 a.m.	Watermaster Board

**ADJOURNMENT**

# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR**

### **A. MINUTES**

1. Minutes of the Advisory Committee Meeting held August 18, 2022

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**ADVISORY COMMITTEE MEETING**

August 18, 2022

The Advisory 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 August 18, 2022.

**ADVISORY COMMITTEE MEMBERS PRESENT**

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

Chris Berch, Chair	Jurupa Community Services District
Dave Crosley	City of Chino
Chris Diggs	City of Pomona
Eduardo Espinoza for John Bosler	Cucamonga Valley Water District
Josh Swift	Fontana Union Water Company
Cris Fealy	Fontana Water Company

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

Ron Craig	City of Chino Hills
Courtney Jones	City of Ontario
Braden Yu	City of Upland
Justin Scott-Coe	Monte Vista Irrigation Company
Justin Scott-Coe	Monte Vista Water District
Brian Lee	San Antonio Water Company

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

Brian Geyer, Vice-Chair	California Speedway Corporation
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• **AGRICULTURAL POOL COMMITTEE MEMBERS PRESENT ON ZOOM**

Jeff Pierson, Second Vice-Chair	Crops
Pete Hall	State of California – DOJ
Marilyn Levin for Tariq Awan	State of California – DOJ

**WATERMASTER BOARD MEMBERS PRESENT ON ZOOM**

Bob Bowcock	Non-Agricultural Pool – Blue Triton Brands Inc.
James Curatalo	Appropriative Pool – Minor Representative
Bob Kuhn	Three Valleys Municipal Water District
Mike Gardner	Western Municipal Water District

**WATERMASTER STAFF PRESENT**

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Edgar Tellez Foster	Water Resources Mgmt. and Planning Dir.
Anna Nelson	Director of Administration
Justin Nakano	Water Resources Technical Manager
Frank Yoo	Data Services and Judgment Reporting Mgr.
Janine Wilson	Senior Accountant
Denise Morales	Executive Assistant II/Board Clerk
Ruby Favela	Administrative Assistant
David Huynh	Senior Field Operations Specialist
Alonso Jurado	Senior Field Operations Specialist

**WATERMASTER CONSULTANTS PRESENT ON ZOOM**

Brad Herrema	Brownstein Hyatt Farber Schreck, LLP
Andy Malone	West Yost
Garrett Rapp	West Yost

**OTHERS PRESENT AT WATERMASTER**

Christopher Quach	City of Ontario
Amanda Coker	Cucamonga Valley Water District
Bryan Smith	Jurupa Community Services District

**OTHERS PRESENT ON ZOOM**

Eunice Ulloa	City of Chino
Nicole deMoet	City of Upland
Luis Cetina	Cucamonga Valley Water District
Rob Hills	Cucamonga Valley Water District
Randall Reed	Cucamonga Valley Water District
Jiwon Seung	Cucamonga Valley Water District
Tarren Alicia Torres	Egoscue Law Group, Inc.
Ben Lewis	Golden State Water Company
Joshua Aguilar	Inland Empire Utilities Agency
Christiana Daisy	Inland Empire Utilities Agency
Jason Marseilles	Inland Empire Utilities Agency
Manny Martinez	Monte Vista Water District
John Lopez	Santa Ana River Water Company
Todd Minton	Santa Ana River Water Company
Bill Wyatt	Sheppard, Mullin, Richter & Hampton
Jimmy Medrano	Ag Pool – State of California - CIM
David De Jesus	Three Valleys Municipal Water District
Mallory Gandara	Western Municipal Water District
Richard Rees	Wood plc

**CALL TO ORDER**

Chair Berch called the Advisory Committee meeting to order at 9:00 a.m.

**ROLL CALL**

(0:01:03) Ms. Morales conducted the roll call and announced that a quorum was present.

**AGENDA – ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

**Note: 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 Advisory Committee Meeting held June 16, 2022

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of May 2022



2. Watermaster VISA Check Detail for the month of May 2022
3. Combining Schedule for the Period July 1, 2021 through May 31, 2022
4. Treasurer's Report of Financial Affairs for the Period May 1, 2022 through May 31, 2022
5. Budget vs. Actual Report for the Period July 1, 2021 through May 31, 2022
6. Cash Disbursements for the month of June 2022
7. Watermaster VISA Check Detail for the month of June 2022
8. Combining Schedule for the Period July 1, 2021 through June 30, 2022
9. Treasurer's Report of Financial Affairs for the Period June 1, 2022 through June 30, 2022
10. Budget vs. Actual Report for the Period July 1, 2021 through June 30, 2022
11. Cash Disbursements for July 2022 (Information Only)

**C. APPLICATION: WATER TRANSACTION**

Provide advice and assistance to the Watermaster Board on the proposed transaction:  
The purchase of 4.5 acre-feet of water from Nicholson Family Trust-Exempt Marital Trust by Fontana Water Company. This Purchase is made from Nicholson Family Trust-Exempt Marital Trust's Annual Production Right/Operating Safe Yield.

**D. APPLICATION: WATER TRANSACTION**

Provide advice and assistance to the Watermaster Board on the proposed transaction:  
The purchase of 2,000 acre-feet of water from Santa Ana River Water Company by Niagara Bottling, LLC. This purchase is made from Santa Ana River Water Company's Excess Carryover Account.

**E. APPLICATION: WATER TRANSACTION**

Provide advice and assistance to the Watermaster Board on the proposed transaction:  
The purchase of 5,000 acre-feet of water from City of Chino by Fontana Water Company. This purchase is made from City of Chino's Excess Carryover Account.

**F. CHINO CREEK WELL FIELD EXTENSOMETER LAND LEASE EXTENSION**

Approve the extension of the Land Lease Agreement.

(0:03:49)

*Motion by Mr. Brian Geye, seconded by Mr. Jeff Pierson, and passed unanimously.*

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

**II. BUSINESS ITEMS**

**A. SECOND AMENDMENT TO TASK ORDER NO. 9 UNDER THE MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (PROJECT 23a)**

Approve the Second Amendment to Task Order No. 9 to increase the total budgeted cost.

(0:04:44) The Advisory Committee opted to skip the presentation.

(0:05:04)

*Motion by Mr. Ron Craig, seconded by Mr. Josh Swift, and passed unanimously by volume votes as attached to these minutes.*

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

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL**

1. San Bernardino County Superior Court Emergency Order
2. August 31, 2022 Hearing
3. Governor's Executive Order N-7-22
4. Kaiser Permanente Lawsuit

(0:08:45) Mr. Herrema stated that the legal counsel report remained unchanged from last week. The Advisory Committee declined the report.

**B. ENGINEER**

1. Safe Yield Reset Methodology Update
2. Chino Basin Maximum Benefit SNMP

(0:10:16) Mr. Malone stated that the Engineer's report remained unchanged from last week and that a fuller report on the Chino Basin Maximum Benefit SNMP will likely be brought back in October.

**C. CHIEF FINANCIAL OFFICER**

1. FY 2020/21 Audit of Groundwater Recharge Basin O&M Expenses

(0:11:24) Mr. Joswiak stated that his report remained unchanged from the prior week.

**D. GENERAL MANAGER**

1. Supplemental Water Tracking
2. July 28, 2022 Board Workshop: OBMP
3. 2020 OBMP Environmental Review
4. Other

(0:11:43) Mr. Kavounas gave a report on Item 1 indicating that Watermaster is taking comments through September 1, 2022 and once final, stakeholders will be notified when the flowchart is finalized and posted on the website. Mr. Kavounas gave a report on the remainder of the GM report items and noted that an OBMP workshop held on July 28, 2022 was a success and has paved the path for the next workshop on regional water supply challenges and solutions which will be held in early October 2022. Mr. Kavounas announced that a workshop will be held on September 1, 2022 to advance the 2020 OBMP environmental review process. Mr. Kavounas mentioned the Robert's Rules of Order training held on July 27, 2022 which was a success and that he received complimentary remarks from parties in attendance. He offered the RRO material as a tool for any agency in the region that might benefit. A discussion ensued.

**E. INLAND EMPIRE UTILITIES AGENCY**

1. MWD Update (Written)
2. State and Federal Legislative Reports (Written)
3. Community Outreach/Public Relations Report (Written)

No oral report was given.

**IV. COMMITTEE MEMBER COMMENTS**

None

**V. OTHER BUSINESS**

None

**VI. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

None

**ADJOURNMENT**

Chair Berch adjourned the Advisory Committee meeting at 9:18 a.m.

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

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

Attachments:

1. 20220818 Volume Vote Outcome for Business Item II.A.



**2022 ADVISORY COMMITTEE VOLUME VOTE**  
**Assessment Year 2021-2022 (Production Year 2020-2021)**

**QUORUM  
 MET?  
 YES**

Enter Y or N in Each Cell

Party	Present (Y/N)	Vote (Y/N)	Assigned	Reallocated	Available	Quorum	Total Yes
Minor 1	Y	Y	3.399	0.000	3.399	3.399	3.399
Minor 2	Y	Y	3.399	0.000	3.399	3.399	3.399
Chino Hills, City Of	Y	Y	2.700	0.000	2.700	2.700	2.700
Chino, City Of	Y	Y	4.170	0.000	4.170	4.170	4.170
Cucamonga Valley Water District	Y	Y	5.400	0.000	5.400	5.400	5.400
Fontana Union Water Company	Y	Y	4.371	0.000	4.371	4.371	4.371
Fontana Water Company	Y	Y	5.652	0.000	5.652	5.652	5.652
Jurupa Community Services District	Y	Y	6.828	0.000	6.828	6.828	6.828
Monte Vista Water District	Y	Y	7.141	0.000	7.141	7.141	7.141
Ontario, City Of	Y	Y	16.548	0.000	16.548	16.548	16.548
Pomona, City Of	Y	Y	12.365	0.000	12.365	12.365	12.365
Upland, City Of	Y	Y	3.027	0.000	3.027	3.027	3.027
AGRICULTURAL POOL	Y	Y	20.000	0.000	20.000	20.000	20.000
NON-AGRICULTURAL POOL	Y	Y	5.000	0.000	5.000	5.000	5.000
			<b>100.000</b>	<b>0.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>

CALCULATE  
QUORUM

CALCULATE  
VOTES

"YES" VOTES  
100.000%

RESET ALL

RESET VOTES

"NO" VOTES  
0.000%

**PASSED**

# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of July 2022
2. Watermaster VISA Check Detail for the month of July 2022
3. Combining Schedule for the Period July 1, 2022 through July 30, 2022
4. Treasurer's Report of Financial Affairs for the Period July 1, 2022 through July 31, 2022
5. Budget vs. Actual Report for the Period July 1, 2022 through July 31, 2022
6. Cash Disbursements for August 2022 (Information Only)



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: September 15, 2022  
TO: Advisory Committee Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (July 31, 2022)  
(Consent Calendar Item I.B.1.)

### SUMMARY

Issue: Record of Cash Disbursements for the month of July 2022. [Normal Course of Business]

Recommendation: Receive and file Cash Disbursements for July 2022 as presented.

Financial Impact: Funds disbursed were included in the FY 2022/23 "Amended" Watermaster Budget.

### Future Consideration

**Advisory Committee – September 15, 2022:** Receive and File  
**Watermaster Board – September 22, 2022:** Receive and File

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### ACTIONS:

**Appropriative Pool – September 8, 2022:** Received and filed  
**Non-Agricultural Pool – September 8, 2022:** Moved unanimously to receive and file, without approval  
**Agricultural Pool – September 8, 2022:** Received and filed  
**Advisory Committee – September 15, 2022:**  
**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

A monthly cash disbursement report is provided to keep all members apprised of Watermaster expenditures.

## DISCUSSION

Total cash disbursements during the month of July 2022 were \$524,527.36.

The most significant expenditures during the month were West Yost and Associates in the amount of \$136,995.40 (check number 23595 dated July 5, 2022); and Brownstein Hyatt Farber Schreck in the amount of \$79,768.01 (check number 23575 dated July 5, 2022). There were no other checks greater than \$50,000 issued during the month of July 2022.

## ATTACHMENTS

1. Financial Report – B1

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23574</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>152118</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	152118		Monthly services - July 2022	6052.4 - IT Managed Services	5,251.30
				Overwatch - July 2022	6052.5 - IT Data Backup/Storage	699.00
				Omni Cloud - July 2022	6052.5 - IT Data Backup/Storage	170.00
				Office 365 Subscriptions - Business-July 2022	6052.4 - IT Managed Services	276.25
				Image Office Storage (per GB, per month)-July 2022	6052.5 - IT Data Backup/Storage	509.97
<b>TOTAL</b>						<b>6,906.52</b>
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23575</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	05/31/2022	895290		895290	6078 - BHFS Legal - Miscellaneous	35,843.40
				Federal Express	6078 - BHFS Legal - Miscellaneous	15.83
				Research - Westlaw	6078 - BHFS Legal - Miscellaneous	258.20
Bill	05/31/2022	895291		GM Evaluation	6073 - BHFS Legal - Personnel Matters	5,628.60
Bill	05/31/2022	895292		895292	6907.34 - Santa Ana River Water Rights	346.50
Bill	05/31/2022	895293		895293	6275 - BHFS Legal - Advisory Committee	1,386.00
Bill	05/31/2022	895294		895294	6375 - BHFS Legal - Board Meeting	6,915.60
Bill	05/31/2022	895295		895295	8375 - BHFS Legal - Appropriative Pool	1,138.50
Bill	05/31/2022	895296		895296	8475 - BHFS Legal - Agricultural Pool	1,138.50
Bill	05/31/2022	895297		895297	8575 - BHFS Legal - Non-Ag Pool	1,138.50
Bill	05/31/2022	895298		895298	6071 - BHFS Legal - Court Coordination	15,992.55
				Federal Express	6071 - BHFS Legal - Court Coordination	44.40
				Research - Westlaw	6071 - BHFS Legal - Court Coordination	641.28
				Research - Lexis	6071 - BHFS Legal - Court Coordination	103.71
				Research	6071 - BHFS Legal - Court Coordination	11.07
				05/10/22 Lodging - Slater	6071 - BHFS Legal - Court Coordination	225.00
Bill	05/31/2022	895299		895299	6072 - BHFS Legal - Rules & Regs	198.00
Bill	05/31/2022	895300		895300	6077 - BHFS Legal - Party Status Maint	166.50
Bill	05/31/2022	895301		895301	6907.38 - Reg. Water Quality Cntrl Board	990.00
Bill	05/31/2022	895302		895302	6907.41 - Prado Basin Habitat Sustain	1,813.50
Bill	05/31/2022	895303		895303	6907.45 - OBMP Update	310.50
Bill	05/31/2022	895304		895304	6907.47 - 2020 Safe Yield Reset	4,447.35
Bill	05/31/2022	895305		895305	6078.25 - Ely 3 Basin Investigation	866.25
				Research - Lexis	6078.25 - Ely 3 Basin Investigation	148.27
<b>TOTAL</b>						<b>79,768.01</b>
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23576</b>	<b>CHEF DAVE'S CATERING &amp; EVENT SERVICES</b>	<b>Board Meeting Expenses</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	05/26/2022	1316B		Lunch for 5/26/22 Watermaster Board meeting	6312 - Meeting Expenses	492.94
Bill	05/31/2022	1290B		Lunch for 4/28/22 Watermaster Board meeting	6312 - Meeting Expenses	568.36
Bill	06/23/2022	1363B		Lunch for 6/23/22 Watermaster Board meeting	6312 - Meeting Expenses	390.58



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						1,451.88
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23577</b>	<b>D.I.A. PRODUCTIONS, INC.</b>	<b>1169</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	1169		50% down payment - Roberts Rules of Order	6375.2 - Board Workshop Expenses-Misc.	4,150.00
TOTAL						4,150.00
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23578</b>	<b>ELIE, STEVEN</b>	<b>Board Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/23/2022	6/23 Board Mtg		6/23/22 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23579</b>	<b>ESRI</b>	<b>94275353</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	94275353		ESRI maintenance 8/19/2022-8/18/2023	6054 - Computer Software	1,000.00
TOTAL						1,000.00
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23580</b>	<b>FILIPPI, GINO</b>	<b>Ag Pool Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/09/2022	6/09 Ag Pool Mtg		6/09/22 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	06/23/2022	6/23 Board Mtg		6/23/22 Board Meeting	8470 - Ag Meeting Attend -Special	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23581</b>	<b>FOLSOM, BETTY</b>	<b>Board Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/22/2022	6/22 Call w/Chair		6/22/22 Call w/Board Chair	6311 - Board Member Compensation	125.00
Bill	06/23/2022	6/23 Board Mth		6/23/22 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23582</b>	<b>GEYE, BRIAN</b>	<b>Non-Ag Pool Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/09/2022	6/09 Non Ag Mtg		6/09/22 Non-Ag Pool Meeting	8511 - Non-Ag Pool Member Compensation	125.00
Bill	06/16/2022	6/16 Advisory Comm		6/16/22 Advisory Committee Meeting	8511 - Non-Ag Pool Member Compensation	125.00
Bill	06/23/2022	6/23 Board Mtg		6/23/22 Board Meeting	8511 - Non-Ag Pool Member Compensation	125.00
TOTAL						375.00
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23583</b>	<b>KESSLER ALAIR INSURANCE SERVICES, INC.</b>	<b>880778</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	880778		07/01/22-06/26/23 D&O Coverage	6085 - Business Insurance Package	14,398.93
				06/26/22-06/30/22 D&O Coverage	6085 - Business Insurance Package	199.99
TOTAL						14,598.92
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23584</b>	<b>PHILADELPHIA INSURANCE COMPANY</b>	<b>Insurance Coverages</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	2004689171		06/26/22-06/30/22 Municipalities Umbrella	6085 - Business Insurance Package	73.89
				07/01/22-06/26/23 Municipalities Unmbrella	6085 - Business Insurance Package	5,320.11
Bill	07/01/2022	2004691843		06/26/22-06/30/22 Municipalities Coverage	6085 - Business Insurance Package	174.96
				07/01/22-06/26/23 Municipalities Coverage	6085 - Business Insurance Package	12,597.32

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						18,166.28
Bill Pmt -Check	07/05/2022	23585	PITNEY BOWES GLOBAL FINANCIAL SERVICE	3105574954	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2022	3105574954		Lease - Account #0011526621	6044 · Postage Meter Lease	454.87
TOTAL						454.87
Bill Pmt -Check	07/05/2022	23586	PREMIERE GLOBAL SERVICES	30943648	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2022	30943648		Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				Service fee	6022 · Telephone	8.50
				Call shortfall	6022 · Telephone	78.00
TOTAL						164.50
Bill Pmt -Check	07/05/2022	23587	READY REFRESH	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2022	0023230253		Office Water Bottle - May 2022	6031.7 · Other Office Supplies	256.54
TOTAL						256.54
Bill Pmt -Check	07/05/2022	23588	RR FRANCHISING, INC.	112540	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2022	112540		Monthly service - July 2022	6024 · Building Repair & Maintenance	915.00
TOTAL						915.00
Bill Pmt -Check	07/05/2022	23589	SANTA ANA WATERSHED PROJECT AUTHORITY MSAR 2023-01		1012 · Bank of America Gen'l Ckg	
Bill	07/01/2022	MSAR 2023-01		FY 2022-23 Middle SAR Pathogen TMDL Task For 8471 · Ag Pool Expense		9,116.00
TOTAL						9,116.00
Bill Pmt -Check	07/05/2022	23590	SPECTRUM BUSINESS	2031978062322	1012 · Bank of America Gen'l Ckg	
Bill	06/28/2022	2031978062322		6/23/22-7/22/22	6053 · Internet Expense	1,105.31
TOTAL						1,105.31
Bill Pmt -Check	07/05/2022	23591	STATE COMPENSATION INSURANCE FUND	1000907864	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2022	1000907864		Premium charge 6/26/22-7/26/22	60183 · Worker's Comp Insurance	1,732.22
TOTAL						1,732.22
Bill Pmt -Check	07/05/2022	23592	UNION 76	Fuel Charges	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2022	7076224530355049		June 2022	6175 · Vehicle Fuel	127.99
TOTAL						127.99
Bill Pmt -Check	07/05/2022	23593	VISION SERVICE PLAN	815427749	1012 · Bank of America Gen'l Ckg	
Bill	06/23/2022	815427749		Vision Insurance Premium - July 2022	60182.2 · Dental & Vision Ins	158.89
TOTAL						158.89

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23594</b>	<b>WEST POINT MEDICAL CENTER</b>	<b>MOR234940</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	05/18/2022	MOR234940		Pre-employment tests - Morales	6016 - New Employee Search Costs	105.00
TOTAL						<u>105.00</u>
<b>Bill Pmt -Check</b>	<b>07/05/2022</b>	<b>23595</b>	<b>WEST YOST</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	05/31/2022	2049697		2049697	6906.31 - OBMP-Pool, Adv. Board Mtgs	9,747.62
Bill	05/31/2022	2049698		2049698	6906.32 - OBMP-Other General Meetings	2,449.50
Bill	05/31/2022	2049776		2049776	6906.71 - OBMP-Data Req.-CBWM Staff	568.00
Bill	05/31/2022	2049700		2049700	6906.72 - OBMP-Data Req.-Non CBWM Staff	1,276.50
Bill	05/31/2022	2049701		2049701	6906 - OBMP Engineering Services	1,117.50
Bill	05/31/2022	2049702		2049702	6906.15 - Integrated Model Mtgs-IEUA Cost	67.25
Bill	05/31/2022	2049703		2049703	7103.3 - Grdwtr Qual-Engineering	11,565.44
Bill	05/31/2022	2049704		2049704	7104.3 - Grdwtr Level-Engineering	14,072.01
Bill	05/31/2022	2049705		2049705	7107.2 - Grd Level-Engineering	6,414.93
Bill	05/31/2022	2049706		2049706	7107.2 - Grd Level-Engineering	3,215.50
Bill	05/31/2022	2049707		2049707	7108.31 - Hydraulic Control - PBHSP	13,729.50
Bill	05/31/2022	2049708		2049708	7109.3 - Recharge & Well - Engineering	1,222.50
Bill	05/31/2022	2049709		2049709	7110.3 - Ag Prod. & Estimation-Eng. Serv	8,031.25
Bill	05/31/2022	2049710		2049710	7202.2 - Engineering Svc	4,910.75
Bill	05/31/2022	2049711		2049711	7402 - PE4-Engineering	10,479.75
Bill	05/31/2022	2049712		2049712	7402.10 - PE4 - Northwest MZ1 Area Proj.	6,041.50
Bill	05/31/2022	2049713		2049713	7402 - PE4-Engineering	6,611.00
Bill	05/31/2022	2049714		2049714	7510 - PE6&7-IEUA Salinity Mgmt. Plan	1,259.50
Bill	05/31/2022	2049715		2049715	7614 - PE8&9-Develop S&R Master Plan	29,540.65
Bill	05/31/2022	2049716		2049716	7508 - HC Mitigation Plan-50% IEUA	4,674.75
TOTAL						<u>136,995.40</u>
<b>Bill Pmt -Check</b>	<b>07/06/2022</b>	<b>ACH 070622</b>	<b>CALPERS</b>	<b>1394905143</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	1394905143		Medical Insurance Premiums - July 2022	60182.1 - Medical Insurance	15,340.33
TOTAL						<u>15,340.33</u>
<b>General Journal</b>	<b>07/06/2022</b>	<b>07/06/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 3949591</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 3949591	1012 - Bank of America Gen'l Ckg	2,555.00
TOTAL						<u>2,555.00</u>
<b>General Journal</b>	<b>07/12/2022</b>	<b>07/12/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 3973130</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 3973130	1012 - Bank of America Gen'l Ckg	516.05
TOTAL						<u>516.05</u>

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/13/2022	ACH 071322	BANK OF AMERICA	XXXX-XXXX-XXXX-4026	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2022	XXXX-XXXX-XXXX-4026		Miscellaneous office supplies	6031.7 · Other Office Supplies	10.19
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.46
				Miscellaneous office supplies	6031.7 · Other Office Supplies	16.74
				Shirts/jackets for staff	6154 · Uniforms	558.71
				Shirts/jackets for staff	6154 · Uniforms	188.26
				Miscellaneous office supplies	6031.7 · Other Office Supplies	27.22
				Safety mats for office	6031.7 · Other Office Supplies	280.44
				Miscellaneous office supplies	6031.7 · Other Office Supplies	409.30
				Miscellaneous office supplies	6031.7 · Other Office Supplies	14.14
				Adming mtg - J. Joswiak, J. Wilson	6141.3 · Admin Meetings	51.10
				Miscellaneous office supplies	6031.7 · Other Office Supplies	73.80
				Amazon Business Prime membership renewal	6111 · Membership Dues	187.48
				Miscellaneous office supplies	6031.7 · Other Office Supplies	19.37
				TV and mount for board room	6031.7 · Other Office Supplies	529.28
				Shirts/jackets for staff	6154 · Uniforms	92.07
				Supplies for staff mtg	6141.3 · Admin Meetings	40.23
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.45
				Miscellaneous office supplies	6031.7 · Other Office Supplies	116.45
				Miscellaneous office supplies	6031.7 · Other Office Supplies	7.32
				Miscellaneous office supplies	6031.7 · Other Office Supplies	6.29
				Miscellaneous office supplies	6031.7 · Other Office Supplies	5.18
				Service charge	6039.1 · Banking Service Charges	0.06
TOTAL						2,654.54
<b>General Journal</b>	<b>07/14/2022</b>	<b>07/14/2022</b>	<b>Payroll and Taxes for 06/26/22-07/09/22</b>	<b>Payroll and Taxes for 06/26/22-07/09/22</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			ADP, LLC	Direct Deposits for 06/26/22-07/09/22	1012 · Bank of America Gen'l Ckg	37,198.50
			ADP, LLC	Payroll Taxes for 06/26/22-07/09/22	1012 · Bank of America Gen'l Ckg	13,666.39
			MISSIONSQUARE RETIREMENT	457(b) EE Deductions for 06/26/22-07/09/22	1012 · Bank of America Gen'l Ckg	6,501.95
			MISSIONSQUARE RETIREMENT	401(a) EE Deductions for 06/26/22-07/09/22	1012 · Bank of America Gen'l Ckg	1,990.00
TOTAL						59,356.84
<b>Bill Pmt -Check</b>	<b>07/14/2022</b>	<b>ACH 071422</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	07/09/2022	07/14/2022	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 06/26/22-07/09/22	2000 · Accounts Payable	10,523.90
TOTAL						10,523.90
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23596</b>	<b>ACWA JOINT POWERS INSURANCE AUTHORITY</b>	<b>0689218</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/06/2022	0689218		Prepayment - August 2022	1409 · Prepaid Life, BAD&D & LTD	294.66
				July 2022	60191 · Life & Disab.Ins Benefits	382.30
TOTAL						676.96

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23597</b>	<b>APPLIED COMPUTER TECHNOLOGIES</b>	<b>35479</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	35479		Database Consulting Services - June 2022	6052.2 · Applied Computer Technol	3,850.00
TOTAL						3,850.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23598</b>	<b>BURRTEC WASTE INDUSTRIES, INC.</b>	<b>N2112835548</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/06/2022	N2112835548		Trash Services - July 2022	6024 · Building Repair & Maintenance	142.50
TOTAL						142.50
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23599</b>	<b>CORELOGIC INFORMATION SOLUTIONS</b>	<b>82138903</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	82138903		June 2022	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82138903	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23600</b>	<b>CURATALO, JAMES</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/06/2022	6/06 Board Issues		6/06/22 Mtg. w/Bowcock re WM Board Issues Lett	6311 · Board Member Compensation	125.00
Bill	06/07/2022	6/07 Mtg w/B. Kuhn		6/07/22 Mtg./Kuhn re WM Officers Issues	6311 · Board Member Compensation	125.00
Bill	06/08/2022	6/08 Mtg w/Gardner		6/08/22 Meeting w/Gardner re WM Board Issues	6311 · Board Member Compensation	125.00
Bill	06/09/2022	6/096 Appro Pool		6/09/22 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	06/16/2022	6/16 Advisory Comm		6/16/22 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/20/2022	6/20 Mtg w/Bosler		6/20/22 Meeting w/Bosler re WM Matters	6311 · Board Member Compensation	125.00
Bill	06/21/2022	6/21 Board Agenda		6/21/22 Board Agenda Preview	6311 · Board Member Compensation	125.00
Bill	06/22/2022	6/22 Mtg w/JCSD		6/22/22 Coordination meeting w/JCSD	6311 · Board Member Compensation	125.00
Bill	06/23/2022	6/23 Board Mtg		6/23/22 Board Meeting	6311 · Board Member Compensation	125.00
Bill	06/29/2022	6/29 CBWM Matters		6/29/22 Meeting to discuss CBWM Matters	6311 · Board Member Compensation	125.00
Bill	06/30/2022	6/30 CBWM Matters		6/30/22 Meeting to discuss CBWM Matters	6311 · Board Member Compensation	125.00
TOTAL						1,375.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23601</b>	<b>D.I.A. PRODUCTIONS, INC.</b>	<b>1169</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/06/2022	1169		Final payment - Roberts Rules of Order	6375.2 · Board Workshop Expenses-Misc.	4,150.00
TOTAL						4,150.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23602</b>	<b>EGOSCUE LAW GROUP, INC.</b>	<b>Ag Pool Legal Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	13502		May 2022 - General Counsel	8467 · Ag Legal & Technical Services	11,237.50
Bill	06/30/2022	13560		June 2022 - General Counsel	8467 · Ag Legal & Technical Services	14,375.00
TOTAL						25,612.50
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23603</b>	<b>FEDAK &amp; BROWN LLP</b>	<b>Ongoing Audit Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022			June 2022	6062 · Audit Services	5,037.00
TOTAL						5,037.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23604</b>	<b>GENERAL PUMP COMPANY</b>	<b>29495</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	29495		29495	7103.3 - Grdwtr Qual-Engineering	8,500.00
TOTAL						8,500.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23605</b>	<b>LAW OFFICE OF ALLEN W. HUBSCH</b>	<b>29</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	29		Non-Ag Pool Legal Services - June 2022	8567 - Non-Ag Legal Service	1,100.00
TOTAL						1,100.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23606</b>	<b>PARKER, KATHERINE</b>	<b>Board Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/01/2022	4/26 Board Workshop		4/26/22 Board Workshop	6311 - Board Member Compensation	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23607</b>	<b>EASTVALE DEVELOPMENT COMPANY - PIERS</b>	<b>Ag Pool and Board Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/01/2022	6/01 Call w/Chair		6/01/22 Conference call w/Ag Pool Chair	8470 - Ag Meeting Attend -Special	125.00
Bill	06/07/2022	6/07 Call w/Chair		6/07/22 Conference call w/Ag Pool Chair	8470 - Ag Meeting Attend -Special	125.00
Bill	06/08/2022	6/08 Call w/Chair		6/08/22 Conference call w/Ag Pool Chair	8470 - Ag Meeting Attend -Special	125.00
Bill	06/09/2022	6/09 Ag Pool Mtg		6/09/22 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	06/10/2022	6/10 Call w/State CA		6/10/22 Conference call w/State Attorney General	8470 - Ag Meeting Attend -Special	125.00
Bill	06/10/2022	6/10 Call w/Bd Chair		6/10/22 Conference call w/Board Chair	6311 - Board Member Compensation	125.00
Bill	06/16/2022	6/16 Call w/Chair		6/16/22 Conference call w/Ag Pool Chair	8470 - Ag Meeting Attend -Special	125.00
Bill	06/16/2022	6/16 Advisory Comm		6/16/22 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	06/16/2022	6/16 Call w/ State		6/16/22 Conference call w/State Board Member	6311 - Board Member Compensation	125.00
Bill	06/21/2022	6/21 Board Agenda		6/21/22 Board Agenda Preview Meeting	6311 - Board Member Compensation	125.00
Bill	06/22/2022	6/22 Call w/Chair		6/22/22 Conference call w/Ag Pool Chair	8470 - Ag Meeting Attend -Special	125.00
Bill	06/23/2022	6/23 Call w/Chair		6/23/22 Conference call w/Ag Pool Chair	8470 - Ag Meeting Attend -Special	125.00
Bill	06/23/2022	6/23 Board Mtg		6/23/22 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						1,625.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23608</b>	<b>R&amp;D PEST SERVICES</b>	<b>327264</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/14/2022	327264		July 2022 - Treat office and annex for pest control	6024 - Building Repair & Maintenance	100.00
TOTAL						100.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23609</b>	<b>RR FRANCHISING, INC.</b>	<b>113131</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	113131		Electrostatic spraying on 6/11, 6/16, 6/23 and 6/30	6024 - Building Repair & Maintenance	700.00
TOTAL						700.00
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23610</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1000941563</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	06/26/2022	1000941563		Premium Charge for Payroll 6/26/2021-6/26/2022	60183 - Worker's Comp Insurance	462.00
TOTAL						462.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23611</b>	<b>TELLEZ-FOSTER, EDGAR</b>	<b>Employee Reimbursement</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/06/2022	7/06 Ops Staff Mtg		7/06/22 Ops Staff mtg	6141.3 · Admin Meetings	77.01
Bill	07/12/2022	7/12 Mtg w/CBWCD		7/12/22 Meeting w/Skrzat from CBWCD	8312 · Meeting Expenses	71.26
TOTAL						<u>148.27</u>
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23612</b>	<b>VERIZON WIRELESS</b>	<b>9910359055</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	9910359055		Acct #470810953-00002	6022 · Telephone	557.16
TOTAL						<u>557.16</u>
<b>Bill Pmt -Check</b>	<b>07/15/2022</b>	<b>23613</b>	<b>WESTERN MUNICIPAL WATER DISTRICT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/09/2022	6/09 Appro Pool Mtg		6/09/22 Appropriative Pool Meeting - Gardner	6311 · Board Member Compensation	125.00
Bill	06/16/2022	6/16 Advisory Comm		6/16/22 Advisory Committee Meeting - Gardner	6311 · Board Member Compensation	125.00
Bill	06/23/2022	6/23 Board Mtg		6/23/22 Board Meeting - Gardner	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
<b>General Journal</b>	<b>07/15/2022</b>	<b>07/15/2022</b>	<b>ADP, LLC</b>	<b>ADP Tax Service for 06/11/22-609953391</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			ADP, LLC	ADP Tax Service for 06/11/22-609953391	1012 · Bank of America Gen'l Ckg	161.55
			ADP, LLC	ADP Tax Service for 06/25/22-609953391	1012 · Bank of America Gen'l Ckg	161.55
TOTAL						<u>323.10</u>
<b>General Journal</b>	<b>07/19/2022</b>	<b>07/19/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 3977833</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 3977833	1012 · Bank of America Gen'l Ckg	536.80
TOTAL						<u>536.80</u>
<b>General Journal</b>	<b>07/19/2022</b>	<b>07/19/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 3996553</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 3996553	1012 · Bank of America Gen'l Ckg	76.00
TOTAL						<u>76.00</u>
<b>Bill Pmt -Check</b>	<b>07/21/2022</b>	<b>23614</b>	<b>CHEF DAVE'S CATERING &amp; EVENT SERVICES 1289B</b>	<b>1012 · Bank of America Gen'l Ckg</b>		
Bill	06/30/2022	1289B		Dinner-4/26/22 Watermaster Board Workshop	6312 · Meeting Expenses	1,316.38
TOTAL						<u>1,316.38</u>
<b>Bill Pmt -Check</b>	<b>07/21/2022</b>	<b>23615</b>	<b>CUCAMONGA VALLEY WATER DISTRICT</b>	<b>Office Lease</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/18/2022			Lease payment due August 1, 2022	1422 · Prepaid Rent	7,588.83
TOTAL						<u>7,588.83</u>
<b>Bill Pmt -Check</b>	<b>07/21/2022</b>	<b>23616</b>	<b>FIRST LEGAL NETWORK LLC</b>	<b>40063309</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	40063309		Court filings for June 2022	6061.5 · Court Filing Services	673.46

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						673.46
Bill Pmt -Check	07/21/2022	23617	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 - Bank of America Gen'l Ckg	
Bill	07/20/2022	90948438900509145		Office fax	6022 - Telephone	173.14
TOTAL						173.14
Bill Pmt -Check	07/21/2022	23618	GREAT AMERICA LEASING CORP.	32046325	1012 - Bank of America Gen'l Ckg	
Bill	07/19/2022	32046325		Invoice for July 2022	6043.1 - Ricoh Lease Fee	1,528.34
				Supply freight fee	6043.2 - Ricoh Usage & Maintenance Fee	8.57
TOTAL						1,536.91
Bill Pmt -Check	07/21/2022	23619	NELSON, ANNA	Employee Tuition Reimbursement	1012 - Bank of America Gen'l Ckg	
Bill	06/30/2022			Tuition reimbursement	6193 - Employee Training	2,000.00
TOTAL						2,000.00
Bill Pmt -Check	07/21/2022	23620	READY REFRESH	0023230253	1012 - Bank of America Gen'l Ckg	
Bill	07/20/2022	0023230253		Office Water Bottle - July 2022	6031.7 - Other Office Supplies	59.45
TOTAL						59.45
Bill Pmt -Check	07/21/2022	23621	TOM DODSON & ASSOCIATES	CBW271 22-1	1012 - Bank of America Gen'l Ckg	
Bill	06/30/2022	CBW217 22-1		June 2022	6908.1 - 2020 OBMP Update-Dodson & Assoc	720.00
TOTAL						720.00
Bill Pmt -Check	07/21/2022	23622	UNITED HEALTHCARE	052584930984	1012 - Bank of America Gen'l Ckg	
Bill	07/19/2022	052584930984		Dental Insurance Poremium - August 2022	60182.2 - Dental & Vision Ins	694.37
TOTAL						694.37
General Journal	07/25/2022	07/25/2022	HEALTH EQUITY	Health Equity Invoice 3908555	1012 - Bank of America Gen'l Ckg	
			HEALTH EQUITY	Health Equity Invoice 3908555	1012 - Bank of America Gen'l Ckg	81.50
TOTAL						81.50
Bill Pmt -Check	07/26/2022	ACH 072622	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
Bill	07/01/2022	16849982		Annual Unfunded Accrued Liability-Plan 3299	60180 - Employers PERS Expense	10,361.75
TOTAL						10,361.75
Bill Pmt -Check	07/26/2022	ACH 072622	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
Bill	07/01/2022	16849991		Annual Lump Sum Prepayment-Plan 27239	60180 - Employers PERS Expense	3,633.00
TOTAL						3,633.00
General Journal	07/26/2022	07/26/2022	HEALTH EQUITY	Health Equity Invoice 4016580	1012 - Bank of America Gen'l Ckg	



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2022**

Type	Date	Num	Name	Memo	Account	Paid Amount
			HEALTH EQUITY	Health Equity Invoice 4016580	1012 - Bank of America Gen'l Ckg	349.46
TOTAL						<u>349.46</u>
<b>Bill Pmt -Check</b>	<b>07/27/2022</b>	<b>ACH 072722</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
General Journal	07/23/2022	07/27/2022	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payroll and Taxes for 07/10/22-07/23/22	2000 - Accounts Payable	10,714.30
TOTAL						<u>10,714.30</u>
<b>General Journal</b>	<b>07/28/2022</b>	<b>07/28/2022</b>	<b>Payroll and Taxes for 07/10/22-07/23/22</b>	<b>Payroll and Taxes for 07/10/22-07/23/22</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
			ADP, LLC	Direct Deposits for 07/10/22-07/23/22	1012 - Bank of America Gen'l Ckg	37,427.59
			ADP, LLC	Payroll Taxes for 07/10/22-07/23/22	1012 - Bank of America Gen'l Ckg	13,939.27
			MISSIONSQUARE RETIREMENT	457(b) EE Deductions for 07/10/22-07/23/22	1012 - Bank of America Gen'l Ckg	6,513.92
			MISSIONSQUARE RETIREMENT	401(a) EE Deductions for 07/10/22-07/23/22	1012 - Bank of America Gen'l Ckg	2,026.75
TOTAL						<u>59,907.53</u>
					<b>Total Disbursements:</b>	<u><u>524,527.36</u></u>



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730  
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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

DATE: September 15, 2022  
TO: Advisory Committee Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (July 31, 2022)  
(Consent Calendar Item I.B.2.)

### SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of July 2022. [Normal Course of Business]

Recommendation: Receive and file VISA Check Detail Report for July 2022 as presented.

Financial Impact: Funds disbursed were included in the FY 2022/23 "Amended" Watermaster Budget.

### Future Consideration

**Advisory Committee – September 15, 2022:** Receive and File  
**Watermaster Board – September 22, 2022:** Receive and File

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### ACTIONS:

**Appropriative Pool – September 8, 2022:** Received and filed  
**Non-Agricultural Pool – September 8, 2022:** Moved unanimously to receive and file, without approval  
**Agricultural Pool – September 8, 2022:** Received and filed  
**Advisory Committee – September 15, 2022:**  
**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

A monthly VISA Check Detail report is provided to keep all members apprised of Watermaster expenditures charged against the General Manager and Chief Financial Officer's Bank of America VISA card.

## DISCUSSION

The total cash disbursements during the month of July 2022 was \$2,654.54. The payment of \$2,654.54 was processed in the amount of \$2,654.54 (by ACH payment dated July 13, 2022). The monthly charges for July 2022 of \$2,654.54 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report – B2

CHINO BASIN WATERMASTER  
VISA Check Detail Report  
July 2022

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/13/2022	ACH 071322	BANK OF AMERICA	XXXX-XXXX-XXXX-4026	1012 - Bank of America Gen'l Ckg	
Bill	07/31/2022	XXXX-XXXX-XXXX-4026		Miscellaneous office supplies	6031.7 - Other Office Supplies	10.19
				Miscellaneous office supplies	6031.7 - Other Office Supplies	10.46
				Miscellaneous office supplies	6031.7 - Other Office Supplies	16.74
				Shirts/jackets for staff	6154 - Uniforms	558.71
				Shirts/jackets for staff	6154 - Uniforms	188.26
				Miscellaneous office supplies	6031.7 - Other Office Supplies	27.22
				Safety mats for office	6031.7 - Other Office Supplies	280.44
				Miscellaneous office supplies	6031.7 - Other Office Supplies	409.30
				Miscellaneous office supplies	6031.7 - Other Office Supplies	14.14
				Adming mtg - J. Joswiak, J. Wilson	6141.3 - Admin Meetings	51.10
				Miscellaneous office supplies	6031.7 - Other Office Supplies	73.80
				Amazon Business Prime membership renewal	6111 - Membership Dues	187.48
				Miscellaneous office supplies	6031.7 - Other Office Supplies	19.37
				TV and mount for board room	6031.7 - Other Office Supplies	529.28
				Shirts/jackets for staff	6154 - Uniforms	92.07
				Supplies for staff mtg	6141.3 - Admin Meetings	40.23
				Miscellaneous office supplies	6031.7 - Other Office Supplies	10.45
				Miscellaneous office supplies	6031.7 - Other Office Supplies	116.45
				Miscellaneous office supplies	6031.7 - Other Office Supplies	7.32
				Miscellaneous office supplies	6031.7 - Other Office Supplies	6.29
				Miscellaneous office supplies	6031.7 - Other Office Supplies	5.18
				Service charge	6039.1 - Banking Service Charges	0.06
					<b>Subtotal Disbursements:</b>	<b>2,654.54</b>
TOTAL						



# CHINO BASIN WATERMASTER

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

**DATE:** September 15, 2022  
**TO:** Advisory Committee Members  
**SUBJECT:** Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2022 through July 31, 2022 - Financial Report B3 (July 31, 2022)  
(Consent Calendar Item I.B.3.)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2022 through July 31, 2022. [Normal Course of Business]

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2022 through July 31, 2022 as presented.

Financial Impact: Funds disbursed were included in the FY 2022/23 "Amended" Watermaster Budget.

### Future Consideration

**Advisory Committee – September 15, 2022:** Receive and File  
**Watermaster Board – September 22, 2022:** Receive and File

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### ACTIONS:

**Appropriative Pool – September 8, 2022:** Received and filed  
**Non-Agricultural Pool – September 8, 2022:** Moved unanimously to receive and file, without approval  
**Agricultural Pool – September 8, 2022:** Received and filed  
**Advisory Committee – September 15, 2022:**  
**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2022 through July 31, 2022 is provided to keep all members apprised of the FY 2022/23 cumulative Watermaster revenues, expenditures and changes in net assets for the period listed.

## DISCUSSION

The Combining Schedule of Revenue, Expenses and Changes in Net Assets has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 22.0, the Watermaster accounting system. The Combining Schedule provided balances to the supporting documentation in the Watermaster accounting system as presented.

## ATTACHMENTS:

1. Financial Report – B3

CHINO BASIN WATERMASTER  
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS  
 FOR THE PERIOD JULY 1, 2022 THROUGH JULY 31, 2022

Financial Report - B3

	WATERMASTER JUDGMENT ADMINISTRATION	OBMP AND PE 1-9	POOL ADMINISTRATION & SPECIAL PROJECTS			AP ESCROW ACCOUNT	GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 75 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2022-2023
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL						
Administrative Revenues:											
Administrative Assessments			-	-	-					-	9,314,560
Interest Revenue			-	-	-					-	35,550
Mutual Agency Project Revenue	181,866									181,866	181,866
Miscellaneous Income	1									1	0
<b>Total Revenues</b>	<b>181,867</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>181,867</b>	<b>9,531,976</b>
Administrative & Project Expenditures:											
Watermaster Judgment Administration	254,756									254,756	2,593,044
Watermaster Board-Advisory Committee	23,983									23,983	422,505
Ag Pool Legal Services - Ag Fund <sup>1</sup>				-						-	-
Pool Administration			104	10,116	1,310					11,530	613,095
Optimum Basin Mgmt Administration		75,166								75,166	1,526,058
OBMP Program Elements 1-9		145,887								145,887	4,619,904
Debt Service		-								-	482,302
Basin Recharge Improvements		-								-	816,710
<b>Total Administrative/OBMP Expenses</b>	<b>278,738</b>	<b>221,053</b>	<b>104</b>	<b>10,116</b>	<b>1,310</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>511,321</b>	<b>11,073,617</b>
Net Administrative/OBMP Expenses	(96,872)	(221,053)									
Allocate Net Admin Expenses To Pools	96,872		71,986	21,064	3,821					-	
Allocate Net OBMP Expenses To Pools		221,053	164,267	48,067	8,719					-	
Allocate Debt Service to App Pool		-	-							-	
Allocate Basin Recharge to App Pool		-	-							-	
Agricultural Expense Transfer*			79,247	(79,247)						-	
<b>Total Expenses</b>			<b>315,604</b>	<b>-</b>	<b>13,850</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>511,321</b>	<b>11,073,617</b>
Net Administrative Income			(315,604)	-	(13,850)					(329,454)	(1,541,641)
Other Income/(Expense)											
Replenishment Water Assessments							-			-	0
Desalter Replenishment Obligation										-	0
Exhibit "G" Non-Ag Pool Water			-							-	0
RTS Charges from IEUA							-			-	0
Interest Revenue			-	-	-		-			-	0
MWD Water Purchases										-	0
Non-Ag Stored Water Purchases										-	0
Exhibit "G" Non-Ag Pool Water			-							-	0
Groundwater Replenishment										-	0
LAIF - Fair Market Value Adjustment								-		-	0
Gain on Sale of Assets								-		-	0
AP Escrow Account - Refunds to AP										-	0
AP Escrow Account - Interest Earned						1				1	0
Refund-Basin O&M Expenses										-	0
Refund-Recharge Debt Service										-	0
Funding To/(From) Reserves										-	0
<b>Net Other Income/(Expense)</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>0.00</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>0</b>
Net Transfers To/(From) Reserves		(329,453)	(315,604)	-	(13,850)	1	0.00	-	-	(329,453)	(1,541,641)
Net Assets, July 1, 2022			8,686,293	871,691	101,058	374	1,644,153	(143,111)	(443,445)	10,717,014	
Net Assets, End of Period			8,370,690	871,691	87,208	375	1,644,153	(143,111)	(443,445)	10,387,561	10,387,561
Ag Pool Assessments Outstanding <sup>2</sup>				(586,852)							
Ag Pool Fund Balance				284,839							
<b>20/21 Assessable Production</b>			73,423.920	21,484.815	3,897.385					98,806.120	
<b>20/21 Production Percentages</b>			74.311%	21.744%	3.944%					100.000%	

\*Fund balance transfer as agreed to in the Peace Agreement.

Note <sup>1</sup> - Agricultural Pool Legal Services for July 2022 through July 2022

N:\Administration\Meetings - Agendas & Minutes\2022\Staff Reports\09 - September\Advisory\20220915 - B3 Combining Schedule\_July 2022 Note <sup>2</sup> - Outstanding balance of Agricultural Pool Special Assessments for \$200,000 is \$121,504.22 and \$635,000 invoicing is \$465,347.97



# CHINO BASIN WATERMASTER

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

DATE: September 15, 2022

TO: Advisory Committee Members

SUBJECT: Treasurer's Report of Financial Affairs for the Period July 1, 2022 through July 31, 2022 - Financial Report B4 (July 31, 2022) (Consent Calendar Item I.B.4.)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of July 1, 2022 through July 31, 2022. [Normal Course of Business]

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period July 1, 2022 through July 31, 2022 as presented.

Financial Impact: Funds disbursed were included in the FY 2022/23 "Amended" Watermaster Budget.

### Future Consideration

**Advisory Committee – September 15, 2022:** Receive and File

**Watermaster Board – September 22, 2022:** Receive and File

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### ACTIONS:

**Appropriative Pool – September 8, 2022:** Received and filed

**Non-Agricultural Pool – September 8, 2022:** Moved unanimously to receive and file, without approval

**Agricultural Pool – September 8, 2022:** Received and filed

**Advisory Committee – September 15, 2022:**

**Watermaster Board – September 22, 2022:**

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



## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period July 1, 2022 through July 31, 2022 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST); and cash on hand at the Watermaster office (petty cash) at the end of the period stated. The Treasurer's Report details the change (increase or decrease) in the overall cash position of Watermaster, as well as the changes (increase or decrease) to the assets and liabilities section of the balance sheet. The report also provides a detailed listing of all deposits and/or withdrawals in the California State Treasurer's Local Agency Investment Fund (LAIF) and/or CalTRUST, the most current effective yield as of the last quarter, and the ending balance in LAIF as of the reporting date.

## DISCUSSION

The Treasurer's Report of Financial Affairs has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 22.0, the Watermaster accounting system. The Treasurer's Report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## ATTACHMENTS

1. Financial Report – B4

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
JULY 1, 2022 THROUGH JULY 31, 2022**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash		\$	500
Bank of America			
Governmental Checking-Demand Deposits	\$	354,030	
Zero Balance Account - Payroll		-	354,030
Restricted Funds - AP Escrow			5,392
Local Agency Investment Fund - Sacramento			10,995,132
<b>TOTAL CASH IN BANKS AND ON HAND</b>	7/31/2022		<b>\$ 11,355,055</b>
TOTAL CASH IN BANKS AND ON HAND	6/30/2022		11,742,546
<b>PERIOD INCREASE (DECREASE)</b>			<b>\$ (387,491)</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable		\$	(135,411)
Assessments Receivable			73,749
Prepaid Expenses, Deposits & Other Current Assets			16,086
(Decrease)/Increase in Liabilities: Accounts Payable			11,122
Accrued Payroll, Payroll Taxes & Other Current Liabilities			(27,196)
Long Term Liabilities			3,613
Transfer to/(from) Reserves			(329,453)
<b>PERIOD INCREASE (DECREASE)</b>			<b>\$ (387,491)</b>

**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Gov't Checking Demand	Zero Balance Account Payroll	Restricted Funds AP Escrow	Local Agency Investment Funds	Totals
Balances as of 6/30/2022	\$ 500	\$ 764,015	\$ -	\$ 5,391	\$ 10,972,640	\$ 11,742,546
Deposits	-	114,543	-	1	22,493	137,036
Transfers	-	(178,298)	(102,555)	-	-	(280,853)
Withdrawals/Checks	-	(346,230)	102,555	-	-	(243,675)
Balances as of 7/31/2022	\$ 500	\$ 354,030	\$ -	\$ 5,392	\$ 10,995,132	\$ 11,355,055
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ (409,985)</b>	<b>\$ -</b>	<b>\$ 1</b>	<b>\$ 22,493</b>	<b>\$ (387,491)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
JULY 1, 2022 THROUGH JULY 31, 2022**

Financial Report - B4

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
7/15/2022	Interest Earned		22,493				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ 22,493</b>	<b>\$0</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 0.75% was the effective yield rate at the Quarter ended June 30, 2022.

**INVESTMENT STATUS  
July 31, 2022**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 10,995,132			
<b>TOTAL INVESTMENTS</b>	<b>\$ 10,995,132</b>			

Funds on hand are sufficient to meet all foreseen and planned Administrative and project expenditures during the next six months.

All investment transactions have been executed in accordance with the criteria stated in Chino Basin Watermaster's Investment Policy.

Respectfully submitted,



Joseph S. Joswiak  
Chief Financial Officer



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: September 15, 2022

TO: Advisory Committee Members

SUBJECT: Budget vs. Actual Report for the Period July 1, 2022 through July 31, 2022 -  
Financial Report B5 (July 31, 2022) (Consent Calendar Item I.B.5.)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2022 through July 31, 2022. [Normal Course of Business]

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2022 through July 31, 2022 as presented.

Financial Impact: Funds disbursed were included in the FY 2022/23 "Amended" Watermaster Budget.

### Future Consideration

**Advisory Committee – September 15, 2022:** Receive and File

**Watermaster Board – September 22, 2022:** Receive and File

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### ACTIONS:

**Appropriative Pool – September 8, 2022:** Received and filed

**Non-Agricultural Pool – September 8, 2022:** Moved unanimously to receive and file, without approval

**Agricultural Pool – September 8, 2022:** Received and filed

**Advisory Committee – September 15, 2022:**

**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2022 through July 31, 2022 is provided to keep all members apprised of the total revenues and expenses for the current fiscal year. The expense section is categorized into four distinct sections. Those sections are: Judgment Administration and Administrative Expenses; Optimum Basin Management Program Expenses; Program Element 1-9 Expenses; and Other Income/Expenses. The Budget vs. Actual report has been created from Intuit QuickBooks Enterprise Solutions 22.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## DISCUSSION

### CURRENT MONTH – JULY 2022

Year-To-Date (YTD) for the one month ending July 31, 2022, all but two categories were at or below the projected budget.

The categories over budget were: (1) the Administration Salary/Benefits expenses (6010s) were over budget by \$32,370 or 49.2% as a result of increased staff time and activities in the administrative functions. Please note that the overage is only in the administrative section, not with the entire consolidated staffing budget. (2) The Watermaster Legal Services (6070s) were over budget by \$4,964 or 12.5% as a result of increased activities in the areas of Personnel Matters; unbudgeted expenses for the Ely 3 Basin Investigation; and miscellaneous legal expenses during the last month. Please note that the overage is only in the administrative section, not the entire consolidated BHFS budget.

During the month of July 2022, the “Carry Over” funding was calculated. The Total “Carry Over” funding amount of \$1,541,640.96 has been posted to the general ledger accounts. The total amount of \$1,596,853.31 consisted of \$478,326.10 from Engineering Services, \$458,709.78 from Capital Improvement Projects, \$373,394.56 from OBMP Activities, \$145,428.66 from Pool Funding Accounts, and \$85,781.86 from Administration Services. More detailed information is provided regarding this issue under the “Carry Over” Funding section.

The “Amended” Budget for FY 2022/23 is \$11,073,616.96 which includes \$1,541,640.96 for the prior years “Carry Over” funding.

There are no Budget Transfers or Budget Amendments being proposed for FY 2022/23 as of July 31, 2022.

Overall, the Watermaster (YTD) Actual Expenses were \$2,613,229 or 83.6% below the (YTD) Budgeted Expenses of \$3,124,549.

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

## SALARIES EXPENSE

### CURRENT MONTH – JULY 2022

As of July 31, 2022, the total (YTD) Watermaster salary expenses were \$58,173 or 26.7% below the (YTD) budgeted amount of \$218,263. The overall staffing budget was developed with a staffing level of eleven Full-Time Equivalents (FTEs), and staffing is currently at eleven Full-Time Equivalents (FTEs).

Watermaster utilizes an in-house database time and attendance system to track and record staff's actual hours worked and records those hours to a specific project or activity. This time and attendance database of captured staff hours and activities is the basis for the bi-weekly payrolls which are processed using an external payroll processing service (ADP). During the FY 2022/23 budget development, Watermaster staff modified the internal timekeeping database system to better track the actual activities performed by the staff. Watermaster reduced the number of cost accounting activities from 160+ labor codes down to 53 labor codes. Watermaster staff can now record time to the following six activity categories: (1) Judgment Administration activities; (2) General Administrative activities; (3) Paid Leaves of vacation, sick or holiday; (4) Pools, Advisory or Board Meeting attendance; (5) OBMP activities; and (6) Program Elements 1 through 9 activities.

When the FY 2022/23 budget was developed, basic assumptions were used in allocating how staff's time would be spent and on which of the projects or activities. The staffing dollars were then allocated into those specific areas and budgeted on a 1/12 monthly budget. When actual staffing activities vary from the budgeted assumptions, a positive or negative variance can be created.

Currently the following actual allocations are tracking above the projected allocations due to Watermaster staff spending more time in these activities as follows: Judgment Administration-Document Review-WM Staff expenses (account 5901.1) above budget by \$1,262 or 13.85%; Administrative-Accounting-WM Staff expenses (account 6011.10) above budget by \$8,293 or 50.8%; Administrative-Building Admin-WM Staff expenses (account 6011.15) above budget by \$377 or 18.3%; Administrative-Document Review-WM Staff expenses (account 6011.25) above budget by \$2,370 or 128.8%; Administrative-Field Work-WM Staff expenses (account 6011.30) above budget by \$269 or 32.8%; Administrative-General-WM Staff expenses (account 6011.50) above budget by \$23,982 or 343.2%; Administrative-IT-WM Staff expenses (account 6011.70) above budget by \$9,173 or 492.9%; PE1-Monitoring Program-WM Staff expenses (account 7104.1) above budget by \$9,337 or 582.1%; and PE2-Comprehensive Recharge-WM Staff expenses (account 7201) above budget by \$2,405 or 107.4%.

Watermaster does not plan to present any Budget Transfers or Budget Amendments as of July 31, 2022.

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of July 31, 2022. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '22 - Jul '22 Actual	Jul '22 - Jul '22 Budget	\$ Over Budget	% of Budget	FY 2022/23 Annual Budget
<b>WM Salary Expense</b>					
5901.1 - Judgment Admin - Doc. Review-WM Staff	10,426.44	9,164.00	1,262.44	113.78%	108,299.00
5901.3 - Judgment Admin - Field Work-WM Staff	0.00	5,288.00	-5,288.00	0.0%	62,491.00
5901.5 - Judgment Admin - General-WM Staff	4,833.13	12,397.00	-7,563.87	38.99%	146,513.00
5901.7 - Judgment Admin - Meeting-WM Staff	5,865.72	7,838.00	-1,972.28	74.84%	92,638.00
5901.9 - Judgment Admin - Reporting-WM Staff	0.00	6,310.00	-6,310.00	0.0%	74,568.00
5910 - JAdmin - Court Coord./Attendance-WM Staff	0.00	1,940.00	-1,940.00	0.0%	22,945.00
5911 - JAdmin - Exhibit G-WM Staff	0.00	1,616.00	-1,616.00	0.0%	19,090.00
5921 - JAdmin - Production Monitoring-WM Staff	1,070.75	3,456.00	-2,385.25	30.98%	40,822.00
5931 - JAdmin - Recharge Applications-WM Staff	0.00	778.00	-778.00	0.0%	9,191.00
5941 - JAdmin - Reporting-WM Staff	0.00	3,089.00	-3,089.00	0.0%	36,520.00
5951 - JAdmin - Rules & Regs-WM Staff	0.00	1,460.00	-1,460.00	0.0%	17,251.00
5961 - JAdmin - Safe Yield-WM Staff	1,699.37	4,564.00	-2,864.63	37.23%	53,915.00
5971 - JAdmin - Storage Agreements-WM Staff	0.00	4,518.00	-4,518.00	0.0%	53,393.00
5981 - JAdmin - Water Accounting/Database-WM Staff	1,180.11	2,129.00	-948.89	55.43%	25,171.00
5991 - JAdmin - Water Transactions-WM Staff	727.18	3,000.00	-2,272.82	24.24%	35,490.00
6011.1 - WM Staff Salaries - Overtime	120.64	1,000.00	-879.36	12.06%	12,000.00
6011.4 - 457(f) NQDC Plan	3,612.78	3,284.00	328.78	110.01%	39,402.00
6011.10 - Admin - Accounting-WM Staff	24,608.91	16,316.00	8,292.91	150.83%	192,807.00
6011.15 - Admin - Building Admin-WM Staff	2,442.02	2,065.00	377.02	118.26%	24,389.00
6011.20 - Admin - Conference/Seminars-WM Staff	2,791.96	5,428.00	-2,636.04	51.44%	64,170.00
6011.25 - Admin - Document Review-WM Staff	4,209.52	1,840.00	2,369.52	228.78%	21,729.00
6011.30 - Admin - Field Work-WM Staff	1,086.64	818.00	268.64	132.84%	9,685.00
6011.50 - Admin - General-WM Staff	30,969.07	6,987.00	23,982.07	443.24%	82,566.00
6011.60 - Admin - HR-WM Staff	510.25	2,887.00	-2,376.75	17.67%	34,113.00
6011.70 - Admin - IT-WM Staff	11,034.09	1,861.00	9,173.09	592.91%	21,997.00
6011.80 - Admin - Meeting-WM Staff	2,476.84	4,626.00	-2,149.16	53.54%	54,669.00
6011.90 - Admin - Team Building-WM Staff	302.38	2,312.00	-2,009.62	13.08%	27,330.00
6011.95 - Admin - Training (Give/Receive)-WM Staff	1,830.51	1,899.00	-68.49	96.39%	22,439.00
6017- Temporary Services	0.00	2,084.00	-2,084.00	0.0%	25,000.00
6201 - Advisory Committee - WM Staff	0.00	6,655.00	-6,655.00	0.0%	78,642.00
6301 - Watermaster Board - WM Staff	3,392.84	7,643.00	-4,250.16	44.39%	90,345.00
8301 - Appropriative Pool - WM Staff	0.00	7,643.00	-7,643.00	0.0%	90,345.00
8401 - Agricultural Pool - WM Staff	0.00	7,643.00	-7,643.00	0.0%	90,345.00
8501 - Non-Agricultural Pool - WM Staff	0.00	6,737.00	-6,737.00	0.0%	79,637.00
6901.1 - OBMP - Document Review-WM Staff	2,306.87	4,463.00	-2,156.13	51.69%	52,751.00
6901.3 - OBMP - Field Work-WM Staff	1,327.63	4,097.00	-2,769.37	32.41%	48,426.00
6901.5 - OBMP - General-WM Staff	3,708.32	5,772.00	-2,063.68	64.25%	68,213.00
6901.7 - OBMP - Meeting-WM Staff	2,239.85	4,845.00	-2,605.15	46.23%	57,257.00
6901.9 - OBMP - Reporting-WM Staff	0.00	4,754.00	-4,754.00	0.0%	56,190.00
7104.1 - PE1 - Monitoring Program-WM Staff	10,940.98	1,604.00	9,336.98	682.11%	18,945.00
7201 - PE2 - Comprehensive Recharge - WM Staff	4,646.01	2,241.00	2,405.01	207.32%	26,495.00
7301 - PE3&5 - Water Supply/Desalter-WM Staff	0.00	1,613.00	-1,613.00	0.0%	19,048.00
7301.1 - PE5 - Reg. Supply Water Prgm.-WM Staff	0.00	1,694.00	-1,694.00	0.0%	20,042.00
7401 - PE4 - MZ1 Subsidence Mgmt. Plan-WM Staff	0.00	1,613.00	-1,613.00	0.0%	19,048.00
7501 - PE6 - Coop. Programs/Salt Mgmt.-WM Staff	1,475.14	1,694.00	-218.86	87.08%	20,042.00
7501.1 - PE 7 - Salt Nutrient Mgmt. Plan-WM Staff	0.00	2,155.00	-2,155.00	0.0%	25,501.00
7601 - PE8&9 - Storage Mgmt./Recovery-WM Staff	544.03	2,339.00	-1,794.97	23.26%	27,659.00
<b>Subtotal WM Staff Costs</b>	<b>142,379.98</b>	<b>196,159.00</b>	<b>-53,779.02</b>	<b>72.58%</b>	<b>2,319,524.00</b>
60184.1 - Administrative Leave	0.00	537.00	-537.00	0.0%	6,354.00
60185 - Vacation	12,290.67	9,117.00	3,173.67	134.81%	107,736.00
60186 - Sick Leave	761.43	6,273.00	-5,511.57	12.14%	74,127.00
60187 - Holidays	4,657.72	6,177.00	-1,519.28	75.4%	92,660.00
<b>Subtotal WM Paid Leaves</b>	<b>17,709.82</b>	<b>22,104.00</b>	<b>-4,394.18</b>	<b>80.12%</b>	<b>280,877.00</b>
<b>Total WM Salary Costs</b>	<b>160,089.80</b>	<b>218,263.00</b>	<b>-58,173.20</b>	<b>73.35%</b>	<b>2,600,401.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

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

CURRENT MONTH – JULY 2022

As of July 31, 2022, the total (YTD) Watermaster Legal Services expenses (consolidating the three categories of Watermaster Administrative Legal Services, Pool/Advisory/Board Meeting legal expenses, and OBMP legal expenses) were \$46,100 or 42.8% below the (YTD) budgeted amount of \$107,597.

The Watermaster Legal Services budget was developed jointly by the Watermaster staff and Brownstein Hyatt Farber Schreck staff with specific assumptions regarding the tasks and legal activities that would occur during FY 2022/23. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The “Approved” budget was adopted for the original amount of \$1,166,098.

Watermaster does not plan to present any Budget Transfers or Budget Amendments as of July 31, 2022.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070s) as of July 31, 2022 was \$4,964 or 12.5% above the budgeted amount of \$39,714. The specific items within the Administrative Legal Services expenses (6070s) which were over budget were Personnel Matters expenses (6073) which were over budget by \$4,065 or 162.6%; Miscellaneous (6078) which were over budget by \$13,867 or 74.8%; and the Ely 3 Basin Investigation (6078.25) which were over budget by \$2,606 or 100%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses (6078).

The specific items within the Administrative Legal Services expenses (6070s) which were under budget were the expenses for Court Coordination (6071) under budget by \$3,646 or 54.0%; Rules & Regulations (6072) under budget by \$7,371 or 100%; Interagency Issues (6074) under budget by \$3,468 or 100%; and Party Status Maintenance expenses (6077) under budget by \$1,090 or 100%.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of July 31, 2022 was \$17,703 or 64.9% below the budgeted amount of \$27,279. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting.

There were no scheduled Pool or Advisory Committee meetings during the month of July. However, during July there was a Robert’s Rules of Order Workshop held, as well as a Special Board meeting. The legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2022.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month, with the exception of the Recharge Master Plan expenses (6907.39) which were over budget by \$878 or 80.6%. As of July 31, 2022, the category of OBMP legal expenses were \$33,362 or 82.8% below the budgeted amount of \$40,604.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of July 31, 2022 compared to the Year-To-Date (YTD) budget. Please be advised that the “\$ Over Budget” and the “% of Budget” columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:



	Jul '22 - Jul '22 Actual	Jul '22 - Jul '22 Budget	\$ Over Budget	% of Budget	FY 2022/23 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	3,104.10	6,750.00	-3,645.90	45.99%	74,250.00
6072 · BHFS Legal - Rules & Regulations	0.00	7,371.00	-7,371.00	0.0%	88,480.00
6073 · BHFS Legal - Personnel Matters	6,565.05	2,500.00	4,065.05	262.6%	10,300.00
6074 · BHFS Legal - Interagency Issues	0.00	3,468.00	-3,468.00	0.0%	41,616.00
6077 · BHFS Legal - Party Status Maintenance	0.00	1,090.00	-1,090.00	0.0%	13,080.00
6078 · BHFS Legal - Miscellaneous (Note 1)	32,402.25	18,535.00	13,867.25	174.82%	222,420.00
6078.25 · BHFS - Ely 3 Basin Investigation	2,606.46	0.00	2,606.46	100.0%	0.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>44,677.86</b>	<b>39,714.00</b>	<b>4,963.86</b>	<b>112.5%</b>	<b>450,146.00</b>
<b>6275 · BHFS Legal - Advisory Committee</b>	0.00	2,312.00	-2,312.00	0.0%	25,432.00
6375 · BHFS Legal - Board Meeting	9,576.45	7,380.00	2,196.45	129.76%	81,180.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	8,917.00	-8,917.00	0.0%	26,750.00
8375 · BHFS Legal - Appropriative Pool	0.00	2,890.00	-2,890.00	0.0%	31,790.00
8475 · BHFS Legal - Agricultural Pool	0.00	2,890.00	-2,890.00	0.0%	31,790.00
8575 · BHFS Legal - Non-Ag Pool	0.00	2,890.00	-2,890.00	0.0%	31,790.00
<b>Total BHFS Legal Services</b>	<b>9,576.45</b>	<b>27,279.00</b>	<b>-17,702.55</b>	<b>35.11%</b>	<b>228,732.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	958.00	-958.00	0.0%	11,505.00
6907.32 · Chino Airport Plume	0.00	958.00	-958.00	0.0%	11,505.00
6907.33 · Desalter/Hydraulic Control	0.00	2,953.00	-2,953.00	0.0%	35,420.00
6907.34 · Santa Ana River Water Rights	0.00	1,635.00	-1,635.00	0.0%	19,620.00
6907.36 · Santa Ana River Habitat	0.00	2,389.00	-2,389.00	0.0%	28,660.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	4,265.00	-4,265.00	0.0%	51,170.00
6907.39 · Recharge Master Plan	1,967.85	1,090.00	877.85	180.54%	13,080.00
6907.40 · Storage Agreements	0.00	1,347.00	-1,347.00	0.0%	16,155.00
6907.41 · Prado Basin Habitat Sustainability	0.00	1,090.00	-1,090.00	0.0%	13,080.00
6907.44 · SGMA Compliance	0.00	785.00	-785.00	0.0% #	9,430.00
6907.45 · OBMP Update	633.60	10,516.00	-9,882.40	6.03% #	126,200.00
6907.47 · 2020 Safe Yield Reset	4,640.85	5,385.00	-744.15	86.18% #	64,620.00
6907.48 · Ely Basin Investigation	0.00	4,265.00	-4,265.00	0.0% #	51,170.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	2,968.00	-2,968.00	0.0%	35,605.00
<b>Total 6907 · WM Legal Counsel</b>	<b>7,242.30</b>	<b>40,604.00</b>	<b>-33,361.70</b>	<b>17.84%</b>	<b>487,220.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>61,496.61</b>	<b>107,597.00</b>	<b>-46,100.39</b>	<b>57.16%</b>	<b>1,166,098.00</b>

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Correspondence and discussions with Watermaster staff regarding current issues/topics; (2) Correspondence with Watermaster staff regarding special projects (assessment package, replenishment obligations, annual report, audit report, business plan, etc.); (3) Brownstein's status review of ongoing Watermaster projects and issues; (4) Brownstein's update of the outstanding issues list; (5) Coordination of ongoing Watermaster projects; (6) Review of draft documents and contracts; (7) Review transfer documents; (8) Ground-Level Monitoring Committee reports/meetings; (9) CEQA review and compliance; (10) Desalter Replenishment obligations, assessment methodologies, and ongoing issues; (11) Master Cost Sharing Agreement with IEUA; (12) Estimation and adoption of an evaporative loss policy for Recharge; (13) Right of Entry Agreements for various locations; (14) Payment of Ag Legal Fees; (15) Ag Invoices; and (16) Miscellaneous legal research on current and pending issues.

**PREVIOUSLY REPORTED ACTIONS (Descending Order)**

None

**OBMP - WATERMASTER AND WEST YOST STAFF, ENGINEERING SERVICES, LEGAL SERVICES, AND OTHER COSTS**

CURRENT MONTH – JULY 2022

Reviewing in total the OBMP Watermaster and West Yost Staff, Engineering Services, Legal Services, and Other Costs (consolidating the six categories of OBMP Watermaster and West Yost Staff, SAWPA, OBMP Engineering Services, OBMP Legal Costs, OBMP Update Costs, and OBMP Other Expenses) for the one month ending July 31, 2022, the actual expenses of \$75,166 were below the budgeted amount of \$200,439 by \$125,273 or 62.5%. For a detailed discussion, the following is provided.

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

For July 31, 2022, the accounts 6901 (Optimum Basin Mgmt. Program) section was above the Year-To-Date (YTD) budget by \$4,649 or 14.7%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Judgment Administration, General Administrative, OBMP, or Program Elements 1-9 categories. Recently, Watermaster staff spent less time on specific OBMP related areas as budgeted. As a result, Watermaster staff allocated less actual time to the OBMP project as budgeted, which resulted in an under-budget variance of \$16,348 or 57.7%. West Yost staff, however, spent more time on general meetings, and as a result, was over budget by \$20,997 or 621.2%. When consolidated, the accounts 6901 (as stated earlier) were above the budget by \$4,649 or 14.7%.

For July 31, 2022, account (6903) for the Santa Ana Watershed Project Authority (SAWPA) FY 2022/23 Basin Monitoring Program Task Force Contribution was budgeted at \$21,458 and actual expenses were \$21,458.

For July 31, 2022, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$79,447 or 88.7%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts over budget were the OBMP-Data Requests-Non CBWM Staff (6906.72) which were over budget by \$2,103 or 98.4%; and the OBMP-Engineering Services-Other expenses (6906) which were over budget by \$999 or 27.1%.

Within the 6906 categories, one account had funding "Carried-Over" from the previous fiscal year. The Integrated Model Meetings-IEUA Costs expenses (6906.15) had \$25,774 brought forward from the previous year. The amount of \$25,774 has been included in the FY 2022/23 "Amended" budget.

Within the category 6907 (Optimum Basin Mgmt. Program Legal Fees) are the remaining Brownstein Hyatt Farber Schreck (BHFS) Watermaster's legal expenses. Within the legal expense category, there was only one line item which was above the budget. This line item was the Recharge Master Plan expenses (6907.39) which were over budget by \$878 or 80.6%. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$958; the Chino Airport Plume of \$958; the Desalter/Hydraulic Control of \$2,953; Santa Ana River Water Rights of \$1,635; the Santa Ana River Habitat of \$2,389; the Regional Water Quality Control Board of \$4,265; Storage Agreements of \$1,347; the Prado Basin Habitat Sustainability of \$1,090; SGMA Compliance of \$785; the OBMP Update of \$9,882; the 2020 Safe Yield Reset of \$744; the Ely Basin Investigation expenses of \$4,265; and the WM Unanticipated legal expenses of \$2,968. The below budget items totaled \$34,240. For the one month ended July 31, 2022, the overall cumulative (YTD) budget was \$40,604 and the actual (BHFS) legal expenses totaled \$7,242 which resulted in an under-budget variance of \$33,362 or 82.8%.

The OBMP Update Costs (6908.1) were below the budget for the month. These expenses relate to the OBMP Update costs for the contract between Tom Dodson and Associates and CBWM to procure environmental review services for the 2020 OBMP Update. The contract had a remaining amount available of \$16,344.56 as of the year-ended June 30, 2022 and that amount was "Carried-Over" into the FY 2022/23 budget. The budget has a remaining balance as of July 31, 2022 of \$16,345.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of July 31, 2022, this category of expenses was \$768 or 100% below the budgeted amount of \$768.

Overall, the Optimum Basin Management Program (OBMP) category was \$75,166 actual (YTD) compared to a budget (YTD) of \$200,439 for an under budget of \$125,273 or 62.5% as of July 31, 2022.

Watermaster does not plan to present any Budget Transfers or Budget Amendments as of July 31, 2022.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of July 31, 2022 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '22 - Jul '22 Actual	Jul '22 - Jul '22 Budget	\$ Over Budget	% of Budget	FY 2022/23 Annual Budget
<b>6900 - Optimum Basin Mgmt Plan</b>					
6901.1 - OBMP - Document Review-WM Staff	2,306.87	4,463.00	-2,156.13	51.69%	52,751.00
6901.3 - OBMP - Field Work-WM Staff	1,327.63	4,097.00	-2,769.37	32.41%	48,426.00
6901.5 - OBMP - General-WM Staff	3,708.32	5,772.00	-2,063.68	64.25%	68,213.00
6901.7 - OBMP - Meeting-WM Staff	2,239.85	4,845.00	-2,605.15	46.23%	57,257.00
6901.8 - OBMP - Meeting-West Yost	24,376.81	3,380.00	20,996.81	721.21%	40,553.00
6901.9 - OBMP - Reporting-WM Staff	0.00	4,754.00	-4,754.00	0.0%	56,190.00
6901.95 - OBMP - Reporting-West Yost	2,395.50	4,395.00	-1,999.50	54.51%	52,762.00
<b>Total 6901 - OBMP WM and West Yost Staff</b>	<b>36,354.98</b>	<b>31,706.00</b>	<b>4,648.98</b>	<b>114.66%</b>	<b>376,152.00</b>
<b>6903 - OBMP - SAWPA Group</b>	<b>21,458.00</b>	<b>21,458.00</b>	<b>0.00</b>	<b>100.0%</b>	<b>21,458.00</b>
<b>Total 6903 - OBMP - SAWPA</b>	<b>21,458.00</b>	<b>21,458.00</b>	<b>0.00</b>	<b>100.0%</b>	<b>21,458.00</b>
<b>6906 - OBMP Engineering Services</b>					
6906.1 - OBMP - Watermaster Model Update	0.00	0.00	0.00	0.0%	0.00
6906.15 - Integrated Model Mtgs. - IEUA Costs	0.00	25,774.00	-25,774.00	0.0%	25,774.00
6906.21 - State of the Basin Report	0.00	29,255.00	-29,255.00	0.0%	175,540.00
6906.26 - 2020 OBMP Update	0.00	23,067.00	-23,067.00	0.0%	276,799.00
6906.71 - OBMP - Data Requests - CBWM Staff	1,188.75	5,642.00	-4,453.25	21.07%	67,710.00
6906.72 - OBMP - Data Requests - Non CBWM	4,241.25	2,138.00	2,103.25	198.38%	25,656.00
6906 - OBMP Engineering Services - Other	4,680.75	3,682.00	998.75	127.13%	44,180.00
<b>Total 6906 - OBMP Engineering Services</b>	<b>10,110.75</b>	<b>89,558.00</b>	<b>-79,447.25</b>	<b>11.29%</b>	<b>615,659.00</b>
<b>6907 - OBMP Legal Fees</b>					
<b>6907.3 - WM Legal Counsel</b>					
6907.31 - Archibald South Plume	0.00	958.00	-958.00	0.0%	11,505.00
6907.32 - Chino Airport Plume	0.00	958.00	-958.00	0.0%	11,505.00
6907.33 - Desalter/Hydraulic Control	0.00	2,953.00	-2,953.00	0.0%	35,420.00
6907.34 - Santa Ana River Water Rights	0.00	1,635.00	-1,635.00	0.0%	19,620.00
6907.36 - Santa Ana River Habitat	0.00	2,389.00	-2,389.00	0.0%	28,660.00
6907.38 - Reg. Water Quality Cntrl Board	0.00	4,265.00	-4,265.00	0.0%	51,170.00
6907.39 - Recharge Master Plan	1,967.85	1,090.00	877.85	180.54%	13,080.00
6907.40 - Storage Agreements	0.00	1,347.00	-1,347.00	0.0%	16,155.00
6907.41 - Prado Basin Habitat Sustainability	0.00	1,090.00	-1,090.00	0.0%	13,080.00
6907.44 - SGMA Compliance	0.00	785.00	-785.00	0.0%	9,430.00
6907.45 - OBMP Update	633.60	10,516.00	-9,882.40	6.03%	126,200.00
6907.47 - 2020 Safe Yield Reset	4,640.85	5,385.00	-744.15	86.18%	64,620.00
6907.48 - Ely Basin Investigation	0.00	4,265.00	-4,265.00	0.0%	51,170.00
6907.90 - WM Legal Counsel - Unanticipated	0.00	2,968.00	-2,968.00	0.0%	35,605.00
<b>Total 6907 - WM Legal Counsel</b>	<b>7,242.30</b>	<b>40,604.00</b>	<b>-33,361.70</b>	<b>17.84%</b>	<b>487,220.00</b>
<b>6908 - OBMP Updates</b>					
6908.1 - 2020 OBMP Update-Dodson & Assoc.	0.00	16,344.56	-16,344.56	0.0%	16,344.56
<b>Total 6908 - OBMP Updates</b>	<b>0.00</b>	<b>16,344.56</b>	<b>-16,344.56</b>	<b>0.0%</b>	<b>16,344.56</b>
<b>6909 - OBMP Other Expenses</b>					
6909.1 - OBMP Meetings	0.00	125.00	-125.00	0.0%	1,500.00
6909.3 - Other OBMP Expenses	0.00	227.00	-227.00	0.0%	2,724.00
6909.6 - OBMP Expenses - Miscellaneous	0.00	416.00	-416.00	0.0%	5,000.00
6909 - OBMP Other Expenses - Other	0.00	0.00	0.00	0.0%	0.00
<b>Total 6909 - OBMP Other Expenses</b>	<b>0.00</b>	<b>768.00</b>	<b>-768.00</b>	<b>0.0%</b>	<b>9,224.00</b>
<b>Total 6900 - Optimum Basin Mgmt Plan</b>	<b>75,166.03</b>	<b>200,438.56</b>	<b>-125,272.53</b>	<b>37.5%</b>	<b>1,526,057.56</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

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ENGINEERING SERVICES  
WEST YOST ASSOCIATES

CURRENT MONTH – JULY 2022

The “Original” Approved budget for FY 2022/23 for Engineering Services was \$3,281,528. The Engineering Services budget was Amended with the addition of “Carry-Over” funding totaling \$478,326.10 which brought the FY 2022/23 “Amended” Budget amount to \$3,759,854.10.

As of July 31, 2022, the total (YTD) Engineering Services expenses were \$635,825 or 80.6% below the (YTD) budget amount of \$789,202. The Engineering Services were all under budget of as of July 31, 2022, except for the OBMP-Meetings-WY Staff expenses (6901.8) which were over budget by \$20,997 or 621.2%; the OBMP Engineering Services-Other expenses (6906) which were over budget by \$999 or 27.1%; the OBMP-Data Request-Non CBWM expenses (6906.72) which were over budget by \$2,103 or 98.6%; the Groundwater Level-Capital Equipment expenses (7104.9) which were over budget by \$1,322 or 14.6%; and the PE6&7-Engineering expenses (7502) which were over budget by \$7,588 or 25.7%.

The explanations regarding the Carry-Over amount of \$478,326.10 from FY 2021/22 to the FY 2022/23 budget is provided as follows:

1. IEUA - Integrated Model Meetings and Technical Review - 50% IEUA Cost Share (Account 6906.15): \$51,548 (Watermaster's portion is \$25,774)  
The requested carryover is necessary because this effort was planned for completion in FY 2021/22 but is now scheduled to be completed in FY 2022/23.
2. Groundwater Quality Monitoring Program (Account 7505 - formerly account 7103.5): \$1,694  
The carryover is necessary for the laboratory cost for the HCMP GW and SW monitoring program. The work was completed in FY 2021/22, but the invoice has not yet been received from the laboratory.
3. Groundwater Level Monitoring Program (Account 7104.9): \$1,085  
The requested carryover is necessary for the purchase of replacement transducer for the MZ1 transducer monitoring program. The work was completed in FY 2021/22, but the invoice has not yet been received from the subcontractor.
4. Ground Level - Capital Equipment (Account 7408 - formerly account 7107.8): \$5,000  
The requested carryover is necessary for the of purchase of a replacement door at the Ayala Park Extensometer facility and for materials and equipment for the Pomona Extensometer Facility. These orders were made in FY 2021/22 but the invoices have not yet been received.
5. Prado Basin Habitat Monitoring, Data Analysis and Reporting - 50% IEUA Cost Share (Account 7302 - formerly account 7108.31) \$42,000 (Watermaster's portion is \$21,000)  
The requested carryover is necessary to implement a recommendation in Prado Basin Habitat Sustainability Committee Annual Report for Water Year 2021 (approved in June 2021) to update the digital elevation model for the Prado Basin. This data will improve the estimates of current depth- to-groundwater in the study area, and in critical areas where there are observed declines in groundwater levels that could potentially threaten the quality of the riparian habitat.
6. Agriculture Production and Estimation (Account 5925 – formerly account 7110.3): \$22,325  
The requested carryover is necessary to complete the Agriculture Production and Estimation work that was planned for completion in FY 2021/22 but is now scheduled to be completed in FY 2022/23.
7. PE2: Engineering Services for Other Recharge Improvement Projects (Account 7202.2): \$95,256  
The requested carryover is necessary to finalize this work in FY 2022/23. The work includes conducting a life-cycle analysis at the San Sevaine 1 and Etiwanda Debris conservation berms and preparing a

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technical memorandum describing the analysis and conclusions. The scope and schedule for this work was refined with input from IEUA and Watermaster Staff in FY 2020/21. The work is to be completed in FY 2022/23.

8. SB88 Specification to Ensure Compliance with Regulations (Account 7206.1) - \$108,024 (GRCC's portion is \$54,012 and IEUA's portion is \$54,012)  
The requested carryover is necessary to provide as-needed support to IEUA and Watermaster in implementing the recommendations described in the technical memorandum evaluating the existing methodology to estimate stormwater diversions in the Chino Basin.
9. 2023 RMPU Recharge Master Plan Scoping (Account 7210): \$34,668. The requested Carry-Over is necessary to complete the scope, budget and report outline the 2023 RMPU.
10. Management Zone Strategies - Data Analyses and Reports (Account 7402): \$26,758  
The requested carryover is necessary because the GLMC annual report is prepared over two fiscal years and is completed in November. Not as much progress was made in FY 2021/22 as was anticipated. The unspent budget in FY 2021/22 is needed to complete the annual report.
11. Management Zone Strategies - Northwest MZ-1 (Account 7402.10): \$64,515  
The requested carryover is necessary because this is a multi-year project to develop a subsidence management plan for the Northwest MZ-1, and not all tasks planned/budgeted in FY 2021/22 were completed and must be completed in FY 2022/23. This included the request by the GLCM to perform a sensitivity study on the 1D compaction models and the use of the 1D compaction models to evaluate the effectiveness of potential subsidence management strategies. Carryover needed to complete the GLMC annual report. Tim Moore was on vacation and so we didn't make as much progress on this task as was anticipated in 2021/22.
12. Updated Plan - Mitigation Temp Loss of Hydraulic Control of Basin - 50% IEUA Cost Share (Account 7508): \$20,000 (Watermaster's portion is \$10,000)  
The requested carryover is necessary to complete regulatory compliance support or add additional model simulations that may potentially be requested by the Regional Board based on its review of the submitted Plan.
13. IEUA - Update Recycled Water Permit - Salinity (Account 7510): \$81,214 (Watermaster's portion is \$73,019)  
The requested carryover is necessary to complete the technical and regulatory compliance support work to update the Chino Basin Maximum Benefit Salt and Nutrient Management Plan. This multiyear project began FY 2017/18 and will continue through FY 2022/23.
14. PE 8/9: Support Implementation of the 2020 Storage Management Plan (Account 7610): \$43,220  
This budget is for as-requested technical support to Watermaster staff, updating the information required for a complete Storage and Recovery Program application, updating the Storage and Recovery Program application forms, and updating the process to evaluate an application. No implementation activities occurred in FY 2021/22. The entire budget is requested to be carried over to FY 2022/23.

West Yost Associates provides Watermaster a Progress and Estimated Cost at Completion (ECAC) report each quarter. The purpose of this (ECAC) report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services budget is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding.

The first quarter (ECAC) report is scheduled for issuance and distribution in early May 2022 for the period July 1, 2022 through March 31, 2022.

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Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The table listed below summarized the Year-To-Date (YTD) Actual West Yost Associates and other Engineering costs compared to the Year-To-Date (YTD) Budget as of July 31, 2022. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '22 - Jul '22 Actual	Jul '22 - Jul '22 Budget	\$ Over Budget	% of Budget	FY 2022/23 Annual Budget
5901.8 · JAdmin - Meetings-Engineering Services	556.00	3,380.00	-2,824.00	16.45%	40,552.00
5906.1 · JAdmin - Watermaster Model Update	0.00	5,972.00	-5,972.00	0.0%	71,674.00
5906.71 · JAdmin - Data Requests-CBWM Staff	902.50	5,643.00	-4,740.50	15.99%	67,710.00
5906.72 · JAdmin - Data Requests-Non-CBWM Staff	0.00	2,138.00	-2,138.00	0.0%	25,656.00
5925 · JAdmin - Ag Production & Estimation	5,978.00	27,121.00	-21,143.00	22.04%	79,877.00
5935 · JAdmin - Mat'l Physical Injury Requests	0.00	6,790.00	-6,790.00	0.0%	81,472.00
5945 · JAdmin - WM Annual Report Preparation	0.00	2,554.00	-2,554.00	0.0%	15,320.00
5965 · JAdmin - Support Data Collection & Mgmt Process	0.00	1,214.00	-1,214.00	0.0%	14,568.00
6206 · Advisory Committee Meetings-WY Staff	0.00	1,884.00	-1,884.00	0.0%	22,603.00
6306 · Watermaster Board Meetings-WY Staff	191.00	1,884.00	-1,693.00	10.14%	22,603.00
8306 · Appropriative Pool Meetings-WY Staff	0.00	1,884.00	-1,884.00	0.0%	22,603.00
8406 · Agricultural Pool Meetings-WY Staff	0.00	1,884.00	-1,884.00	0.0%	22,603.00
8506 · Non-Agricultural Pool Meetings-WY Staff	0.00	1,884.00	-1,884.00	0.0%	22,603.00
6901.8 · OBMP - Meetings-WY Staff	24,376.81	3,380.00	20,996.81	721.21%	40,553.00
6901.95 · OBMP - Reporting-WY Staff	2,395.50	4,395.00	-1,999.50	54.51%	52,762.00
6906 · OBMP Engineering Services - Other	4,680.75	3,682.00	998.75	127.13%	44,180.00
6906.15 · Integrated Model Mtgs-IEUA Cost	0.00	25,774.00	-25,774.00	0.0%	25,774.00
6906.21 · State of the Basin Report	0.00	29,255.00	-29,255.00	0.0%	175,540.00
6906.26 · 2020 OBMP Update	0.00	23,067.00	-23,067.00	0.0%	276,799.00
6906.71 · OBMP - Data Requests - CBWM Staff	1,188.75	5,642.00	-4,453.25	21.07%	67,710.00
6906.72 · OBMP - Data Requests - Non CBWM	4,241.25	2,138.00	2,103.25	198.38%	25,656.00
7104.3 · Grdwtr Level-Engineering	9,631.75	18,534.00	-8,902.25	51.97%	222,417.00
7104.8 · Grdwtr Level-Contracted Services	0.00	834.00	-834.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	10,406.88	9,085.00	1,321.88	114.55%	9,085.00
7202 · PE2-Comp Recharge-Engineering Services	0.00	2,550.00	-2,550.00	0.0%	30,600.00
7202.2 · PE2-Comp Recharge-Engineering Services	7,633.75	100,115.00	-92,481.25	7.63%	153,572.00
7206.1 · SB88 Specs-Compliance-50% IEUA	0.00	54,012.38	-54,012.38	0.0%	54,012.38
7210 · OBMP - 2023 RMPU	4,725.25	52,412.25	-47,687.00	9.02%	247,588.25
7220 · Integrated Model Mtg./Tech. Review-50% IEUA	0.00	2,167.00	-2,167.00	0.0%	26,014.00
7302 · PE3&5-PBHSP Monitoring Program	2,326.62	26,829.00	-24,502.38	8.67%	90,937.00
7303 · PE3&5-Engineering - Other	0.00	1,648.00	-1,648.00	0.0%	19,776.00
7306 · PE3&5-Engineering - Outside Professionals	0.00	1,812.00	-1,812.00	0.0%	21,750.00
7402 · PE4-Engineering	13,292.88	44,421.00	-31,128.12	29.93%	238,723.00
7402.10 · PE4-Northwest MZ1 Area Project	5,493.75	78,859.00	-73,365.25	6.97%	236,653.00
7403 · PE4-Eng. Services-Contracted Services-InSar	0.00	21,250.00	-21,250.00	0.0%	85,000.00
7406 · PE4-Engineering Services-Outside Professionals	0.00	2,598.00	-2,598.00	0.0%	31,167.00
7408 · PE4-Engineering Services-Network Equipment	80.00	6,100.00	-6,020.00	1.31%	18,210.00
7502 · PE6&7-Engineering	37,141.79	29,554.00	7,587.79	125.67%	354,520.00
7505 · PE6&7-Laboratory Services	1,194.00	6,071.00	-4,877.00	19.67%	54,207.00
7508 · HC Mitigation Plan-50% IEUA (TO #6)	0.00	10,918.00	-10,918.00	0.0%	21,016.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	647.40	73,018.47	-72,371.07	0.89%	73,018.47
7511 · PE6&7-SAWBMP Task Force-50% IEUA	0.00	1,993.00	-1,993.00	0.0%	23,909.00
7610 · PE8&9-Support 2020 Mgmt. Plan	0.00	43,220.00	-43,220.00	0.0%	43,220.00
7614 · PE8&9-Support Imp. Safe Yield Court Order	16,292.55	39,636.00	-23,343.45	41.11%	475,641.00
<b>Total Engineering Services Costs</b>	<b>153,377.18</b>	<b>789,202.10</b>	<b>-635,824.92</b>	<b>19.43%</b>	<b>3,759,854.10 *</b>

\* West Yost and Subcontractor Engineering Budget of \$3,281,528 plus Carryover Funds from FY 2021/22 of \$478,326.10  
 Carryover Funds from FY 2021/22 of \$478,326.10 = \$22,325 (5925); \$25,774 (6906.15); \$1,085 (7104.9); \$21,000 (7302); \$5,000 (7408); \$95,256 (7202.2);  
 \$54,012.38 (7206.1); \$34,668.25 (7210); \$26,758 (7402); \$64,515 (7402.1); \$1,694 (7505); \$10,000 (7508); \$73,018.47 (7510); and \$43,220 (7610).

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
 None

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 and to develop and implement an Optimum Basin Management Program*

## PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

### Ongoing Costs

Program costs that are ongoing (Ongoing Costs) will be cost-shared between Watermaster and IEUA, split on a 50/50 basis, subject to the following limitation: in each fiscal year, neither Watermaster nor IEUA shall be obligated to reimburse the other for Ongoing Costs that exceed the amount that the reimbursing party has budgeted for Ongoing Costs in that fiscal year, except as agreed upon by both parties in writing or as amended during the fiscal year. The first year expenses (FY 2016/17) to be cost shared were approximately \$300,000, with projected future years (FY 2017/18 and forward) estimated at approximately \$150,000. For the purposes of the agreement, Ongoing Costs are defined as the costs associated with the following Program activities:

1. A Riparian Habitat Monitoring Program, including, but not limited to, the following sub-tasks:
  - a. Design and implement a site-specific vegetation monitoring program with the United States Bureau of Reclamation (USBR) and Orange County Water District, pursuant to which USBR will perform site-specific vegetation surveys.
  - b. Manage and perform custom flight to collect a high resolution air photo of the Prado Basin Region.
  - c. Collect, check, and upload historical air photos and vegetation survey data in the Prado Basin region.
  - d. Collect, check, and upload historical Landsat data in the Prado Basin region.
2. A Climate Monitoring Program, including, but not limited to, the following sub-task:
  - a. Collect, check, and upload climatic data on an annual basis
3. Preparation of the AMP Annual Report (Annual Report), including, but not limited to, the following sub-tasks:
  - a. Water level monitoring, vegetation survey, photo monitoring, landsat data, climate data and analysis of the components.
  - b. Analyze data and prepare an administrative draft of the Annual Report for Watermaster/IEUA.
  - c. Incorporate the Watermaster and IEUA comments and prepare a draft Annual Report for review by the PBHSC.
  - d. Meet with PBHSC to review draft Annual Report.
  - e. Incorporate PBHSC comments and finalize the Annual Report.
4. Annual license fees for monitoring wells.
5. Project management and administration activities associated with the Program undertaken by a Party's consultant, including, but not limited to, the following sub-tasks:
  - a. Ad-Hoc Meetings
  - b. Preparation of scope and budget for the Program
  - c. Project administration and financial reporting
6. Other costs required to fulfill the requirements of Peace II Subsequent EIR mitigation measure 4.4-3. Watermaster shall be responsible for the costs associated with the Groundwater Level Monitoring Program, Groundwater Quality Monitoring Program, and Surface Water Monitoring Program.

Watermaster and IEUA shall each have responsibility for its own administrative costs, excluding the tasks and expenses included under Set-Up Costs and Ongoing Costs. Watermaster and IEUA will meet to review the cost-sharing structure under this agreement and negotiate necessary adjustments in good faith on at least an annual basis.

The Peace II SEIR does not explicitly state a duration for the monitoring and mitigation program. It is logical to assume that the program will last until the drawdown impacts, if any, on the riparian habitat from Peace II activities are fully manifested and not predicated to worsen, and that mitigation measures, if any are

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required, are fully implemented. This is not a perpetual agreement. Upon termination of the monitoring and any necessary mitigation obligations, the parties may elect to terminate the cost share agreement.

	West Yost Associates	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2022 - Jul. 2022	\$ 4,653.25	\$ (2,326.63)	\$ -	\$ 2,326.63
<b>Totals</b>	<b>\$ 4,653.25</b>	<b>\$ (2,326.63)</b>	<b>\$ -</b>	<b>\$ 2,326.63</b>
		7302	7302	
<b>Maximum Costs</b>	<b>\$ 183,374.00</b>	<b>\$ 91,687.00</b>	<b>\$ 91,687.00</b>	<b>\$ 91,687.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
 None

OTHER INCOME AND EXPENSE

Per section VI.D.3 of the Groundwater Storage Program Funding Agreement No. 49960 in the Chino Basin with The Metropolitan Water District of Southern California, the FY 2022/23 annual administrative fee invoice was issued on July 1, 2022 in the amount of \$181,865.78 under invoice number 2022-07-CUP. Payment in the amount of \$181,865.78 was received and deposited on August 2, 2022.

There were no other significant items to report within the category of Other Income and Expenses for the month ending July 31, 2022.

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
 None

POOL LEGAL 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 OAP, 8567 for the ONAP, and 8367 for the AP). 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. 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).

On August 15, 2022, the Appropriative Pool leadership instructed Watermaster to transfer the remaining amount due of \$75,868.59 to the Agricultural Pool Special Fund. This transfer will be reported as part of the accounting reports during the month of August 2022. The total amount received to date by the Agricultural Pool from the Appropriative Pool is \$267,442.88.

The following charts detail the Fund Accounts activity as of July 31, 2022:



**Fund Balance for Agricultural Pool  
Account 8467 - Legal Services**

Beginning Balance July 1, 2020:	\$ -
Additions:	
Ag Pool Legal invoices issued Nov. 19, 2020 for \$500,000 with outstanding balance of \$384,736.12	\$ 115,263.88
Admin Reserve used to cover shortfall *	\$ 102,557.12
Ag Pool Legal invoices issued Nov. 18, 2021 for \$500,000 with outstanding balance of \$410,135.61	\$ 89,864.39
Subtotal Additions:	\$ 307,685.39
From Agricultural Pool Reserve Funds	\$ 415,397.25
Total Additions:	<u>\$ 723,082.64</u>
Reductions:	
Invoices paid July 2020 - November 2020	\$ (217,821.00)
Invoices paid December 2020 - June 2021	\$ (220,365.00)
Invoices paid July 2021 - June 2022	\$ (284,896.64)
Invoices paid July 2022 - July 2022	\$ -
Subtotal Reductions:	<u>\$ (723,082.64)</u>
<b>Ending Fund Balance as of July 31, 2022</b>	<u><b>\$ -</b></u>

\* The Admin Reserve amount of \$102,557.12 will need to be refunded back to Watermaster.

**Agricultural Pool Reserve Funds  
As shown on the B-3 Financial Report**

Agricultural Pool Reserve Funds Balance as of June 30, 2020:	\$ 515,498.06
Additions:	
AP payments w/o Escrow instructions (\$165,694.75 - \$161,070.09)	\$ 4,624.66
Y-T-D interest earned on Ag Pool Funds FY 2020/21, FY 2021/22	\$ 4,400.30
Payments rec'd on Wellhead Production invoices issued Sep. 2021	\$ 78,495.78
Payments rec'd on FY 2021/22 Ag Pool invoices issued Nov. 18, 2021 *	\$ 169,652.03
Transfer of AP Settlement Funds	\$ 191,574.29
Transfer of AP Settlement Funds (Balance due of \$75,868.59)	\$ -
Subtotal Additions:	<u>\$ 448,747.06</u>
Reductions:	
Actual vs. Budget Shortfall from FY 2019/20	\$ (165,694.75)
Mediation invoice paid	\$ (8,450.00)
Subtotal Reductions:	<u>\$ (174,144.75)</u>
Invoices paid December 2020 - June 2021	\$ (220,365.00)
Invoices paid July 2021 - June 2022	\$ (284,896.64)
Invoices paid July 2022 - July 2022	\$ -
Total Reductions	<u>\$ (679,406.39)</u>
<b>Agricultural Pool Reserve Funds Balance as of July 31, 2022:</b>	<u><b>\$ 284,838.73</b></u>

Note: Balance of \$284,838.73 as shown on the B-3 Financial Report

\* FY 2021/22 Invoices for \$635,000 issued Nov. 18, 2021 with outstanding balance due of \$465,347.97 for Ag Pool Administration, Legal Services, and Special Projects.

**Fund Balance For Agricultural Pool  
Account 8470 - Meeting Compensation**

Beginning Balance July 1, 2022:	\$ 18,950.98
Additions:	
Receipts from invoicing	\$ -
Budget Transfers	\$ -
Subtotal Additions:	<u>\$ -</u>
Reductions:	
Compensation paid July 2022 - July 2022	\$ (1,000.00)
Subtotal Reductions:	<u>\$ (1,000.00)</u>
<b>Ending Fund Balance as of July 31, 2022</b>	<u><b>\$ 17,950.98</b></u>

**Fund Balance For Agricultural Pool  
Account 8471 - Special Projects**

Beginning Balance July 1, 2022:	\$ 71,109.67
Additions:	
Receipts from invoicing	\$ -
Subtotal Additions:	<u>\$ -</u>
Reductions:	
Invoices paid July 2022 - July 2022	\$ (9,116.00)
Budget Transfers	\$ -
Subtotal Reductions:	<u>\$ (9,116.00)</u>
<b>Ending Fund Balance as of July 31, 2022</b>	<u><b>\$ 61,993.67</b></u>

<b>Fund Balance For Non-Agricultural Pool</b>	
<b>Account 8567 - Legal Services</b>	
Beginning Balance July 1, 2022:	\$ 51,564.90
Additions:	
Pool Invoices issued	\$ -
Subtotal Additions:	<u>\$ -</u>
Reductions:	
Invoices paid July 2022 - July 2022	\$ (935.00)
Subtotal Reductions:	<u>\$ (935.00)</u>
<b>Ending Fund Balance as of July 31, 2022</b>	<b><u>\$ 50,629.90</u></b>

<b>Fund Balance For Appropriative Pool</b>	
<b>Account 8367 - Legal Services</b>	
Beginning Balance July 1, 2022:	\$ 3,803.11
Additions:	
Outstanding invoice payment received	\$ 422.29
Subtotal Additions:	<u>\$ 422.29</u>
Reductions:	
Invoices paid July 2022 - July 2022	\$ -
Accrued (not paid)	\$ -
Subtotal Reductions:	<u>\$ -</u>
<b>Ending Fund Balance as of July 31, 2022</b>	<b><u>\$ 4,225.40</u></b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
 None

“CARRY OVER” FUNDING  
 BACKGROUND OF “CARRY OVER” FUNDING

CURRENT MONTH – JULY 2022

As of July 31, 2022, the total (YTD) amount remaining of the “Carried Over” funding is \$1,478,952.77 (\$1,541,640.96 – \$62,688.19 = \$1,478,952.77).

The following details are provided:

"Carried Over" Expenses At June 30, 2022

Human Resources Services	\$ 6,000.00	A	6013	FY 2020/21	ADMIN
Human Resources Services	\$ 6,000.00	A	6013	FY 2021/22	ADMIN
Other Office Equipment - Boardroom Upgrades	\$ 18,486.41	B	6038	FY 2019/20	ADMIN
Other Office Equipment - Boardroom Upgrades	\$ 41,295.45	B	6038	FY 2020/21	ADMIN
Board Workshop Expenses - Misc.	\$ 14,000.00	C	6375.2	FY 2021/22	ADMIN
2020 OBMP Update - Tom Dodson & Associates	\$ 16,344.56	D	6908.1	FY 2020/21	OBMP
Meter Installation - New Meter Installation	\$ 175,400.00	E	7540	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ 181,650.00	E	7545	FY 2018/19	OBMP
Agriculture Production and Estimation	\$ 8,096.75	F	5925	FY 2020/21	ENG
Agriculture Production and Estimation	\$ 14,228.25	F	5925	FY 2021/22	ENG
Integrated Model - Meetings - 50% IEUA Costs	\$ 1,791.12	G	6906.15	FY 2020/21	ENG
Integrated Model - Meetings - 50% IEUA Costs	\$ 23,982.88	G	6906.15	FY 2021/22	ENG
Ground Water Level - Capital Equipment	\$ 1,085.00	H	7104.9	FY 2021/22	ENG
PBHSP - Monitoring, Data Analysis, Reporting	\$ 21,000.00	I	7302	FY 2021/22	ENG
Ground Level Monitoring - Capital Equipment	\$ 3,772.00	J	7408	FY 2020/21	ENG
Ground Level Monitoring - Capital Equipment	\$ 1,228.00	J	7408	FY 2021/22	ENG
PE2 - Comprehensive Recharge - Eng. Services	\$ 76,814.15	K	7202.2	FY 2020/21	ENG
PE2 - Comprehensive Recharge - Eng. Services	\$ 18,441.85	K	7202.2	FY 2021/22	ENG
SB88-Specs-Ensure Compliance-50% IEUA	\$ 54,012.38	L	7206.1	FY 2020/21	ENG
OBMP - 2023 RMPU	\$ 34,668.25	M	7210	FY 2020/21	ENG
OBMP - Engineering Services	\$ 26,758.00	N	7402	FY 2021/22	ENG
PE4 - Northwest MZ-1 Area Project	\$ 64,515.00	O	7402.1	FY 2021/22	ENG
Groundwater Quality Monitoring Program	\$ 1,694.00	P	7505	FY 2021/22	ENG
Hydraulic Control Mitigation Plan Update-50% IEUA	\$ 10,000.00	Q	7508	FY 2021/22	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 36,797.47	R	7510	FY 2020/21	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 36,221.00	R	7510	FY 2021/22	ENG
PE8&9 - Support Imp. 2020 Storage Mgmt. Plan	\$ 43,220.00	S	7610	FY 2020/21	ENG
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	T	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	T	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 238,646.90	U	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects/Refund	\$ 200,000.00	V	7690.9	FY 2017/18	PROJ
Appropriative Pool - Legal Services	\$ 3,803.11	W	8367	FY 2021/22	AP
Agricultural Pool - Mtg. Attendance Compensation	\$ 18,950.98	X	8470	FY 2021/22	OAP
Agricultural Pool - Special Project Funding	\$ 20,873.00	Y	8471	FY 2020/21	OAP
Agricultural Pool - Special Project Funding	\$ 50,236.67	Y	8471	FY 2021/22	OAP
Non-Agricultural Pool - Legal Services	\$ 1,564.90	Z	8567	FY 2020/21	ONAP
Non-Agricultural Pool - Legal Services	\$ 50,000.00	Z	8567	FY 2021/22	ONAP
<b>Total Balance, July 1, 2022</b>	<b>\$ 1,541,640.96</b>				

"Carried Over" Balance, July 1, 2021	\$	1,541,640.96				
Less: (Invoices Received To Date FY 2022/23)						
Human Resources Services	\$	-	A	6013	FY 2020/21	ADMIN
Human Resources Services	\$	-	A	6013	FY 2021/22	ADMIN
Other Office Equipment - Boardroom Upgrades	\$	(960.53)	B	6038	FY 2019/20	ADMIN
Other Office Equipment - Boardroom Upgrades	\$	-	B	6038	FY 2020/21	ADMIN
Board Workshop Expenses - Misc.	\$	(8,300.00)	C	6375.2	FY 2021/22	ADMIN
2020 OBMP Update - Tom Dodson & Associates	\$	-	D	6908.1	FY 2020/21	OBMP
Meter Installation - New Meter Installation	\$	-	E	7540	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$	-	E	7545	FY 2018/19	OBMP
Agriculture Production and Estimation	\$	(5,978.00)	F	5925	FY 2020/21	ENG
Agriculture Production and Estimation	\$	-	F	5925	FY 2021/22	ENG
Integrated Model - Meetings - 50% IEUA Costs	\$	-	G	6906.15	FY 2020/21	ENG
Integrated Model - Meetings - 50% IEUA Costs	\$	-	G	6906.15	FY 2021/22	ENG
Ground Water Level - Capital Equipment	\$	(1,085.00)	H	7104.9	FY 2021/22	ENG
PBHSP - Monitoring, Data Analysis, Reporting	\$	(2,326.63)	I	7302	FY 2021/22	ENG
Ground Level Monitoring - Capital Equipment	\$	-	J	7408	FY 2020/21	ENG
Ground Level Monitoring - Capital Equipment	\$	-	J	7408	FY 2021/22	ENG
PE2 - Comprehensive Recharge - Eng. Services	\$	(7,633.75)	K	7202.2	FY 2020/21	ENG
PE2 - Comprehensive Recharge - Eng. Services	\$	-	K	7202.2	FY 2021/22	ENG
SB88-Specs-Ensure Compliance-50% IEUA	\$	-	L	7206.1	FY 2020/21	ENG
OBMP - 2023 RMPU	\$	(4,725.25)	M	7210	FY 2020/21	ENG
OBMP - Engineering Services	\$	(13,292.88)	N	7402	FY 2021/22	ENG
PE4 - Northwest MZ-1 Area Project	\$	(5,493.75)	O	7402.1	FY 2021/22	ENG
Groundwater Quality Monitoring Program	\$	(1,194.00)	P	7505	FY 2021/22	ENG
Hydraulic Control Mitigation Plan Update-50% IEUA	\$	-	Q	7508	FY 2021/22	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	(647.40)	R	7510	FY 2020/21	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	-	R	7510	FY 2021/22	ENG
PE8&9 - Support Imp. 2020 Storage Mgmt. Plan	\$	-	S	7610	FY 2020/21	ENG
Upper Santa Ana River HCP (TO #7)	\$	-	T	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	-	T	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	-	U	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects/Refund	\$	-	V	7690.9	FY 2017/18	PROJ
Appropriative Pool - Legal Services	\$	-	W	8367	FY 2021/22	AP
Agricultural Pool - Mtg. Attendance Compensation	\$	(1,000.00)	X	8470	FY 2021/22	OAP
Agricultural Pool - Special Project Funding	\$	(9,116.00)	Y	8471	FY 2020/21	OAP
Agricultural Pool - Special Project Funding	\$	-	Y	8471	FY 2021/22	OAP
Non-Agricultural Pool - Legal Services	\$	(935.00)	Z	8567	FY 2020/21	ONAP
Non-Agricultural Pool - Legal Services	\$	-	Z	8567	FY 2021/22	ONAP
<b>Updated Balance as of July 31, 2022</b>	<b>\$</b>	<b>1,478,952.77</b>				

Updated Balance as of July 1, 2021

Less: (Invoices Received To Date FY 2022/23)

Human Resources Services	\$	6,000.00	A	6013	FY 2020/21	ADMIN
Human Resources Services	\$	6,000.00	A	6013	FY 2021/22	ADMIN
Other Office Equipment - Boardroom Upgrades	\$	17,525.88	B	6038	FY 2019/20	ADMIN
Other Office Equipment - Boardroom Upgrades	\$	41,295.45	B	6038	FY 2020/21	ADMIN
Board Workshop Expenses - Misc.	\$	5,700.00	C	6375.2	FY 2021/22	ADMIN
2020 OBMP Update - Tom Dodson & Associates	\$	16,344.56	D	6908.1	FY 2020/21	OBMP
Meter Installation - New Meter Installation	\$	175,400.00	E	7540	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$	181,650.00	E	7545	FY 2018/19	OBMP
Agriculture Production and Estimation	\$	2,118.75	F	5925	FY 2020/21	ENG
Agriculture Production and Estimation	\$	14,228.25	F	5925	FY 2021/22	ENG
Integrated Model - Meetings - 50% IEUA Costs	\$	1,791.12	G	6906.15	FY 2020/21	ENG
Integrated Model - Meetings - 50% IEUA Costs	\$	23,982.88	G	6906.15	FY 2021/22	ENG
Ground Water Level - Capital Equipment	\$	-	H	7104.9	FY 2021/22	ENG
PBHSP - Monitoring, Data Analysis, Reporting	\$	18,673.37	I	7302	FY 2021/22	ENG
Ground Level Monitoring - Capital Equipment	\$	3,772.00	J	7408	FY 2020/21	ENG
Ground Level Monitoring - Capital Equipment	\$	1,228.00	J	7408	FY 2021/22	ENG
PE2 - Comprehensive Recharge - Eng. Services	\$	69,180.40	K	7202.2	FY 2020/21	ENG
PE2 - Comprehensive Recharge - Eng. Services	\$	18,441.85	K	7202.2	FY 2021/22	ENG
SB88-Specs-Ensure Compliance-50% IEUA	\$	54,012.38	L	7206.1	FY 2020/21	ENG
OBMP - 2023 RMPU	\$	29,943.00	M	7210	FY 2020/21	ENG
OBMP - Engineering Services	\$	13,465.12	N	7402	FY 2021/22	ENG
PE4 - Northwest MZ-1 Area Project	\$	59,021.25	O	7402.1	FY 2021/22	ENG
Groundwater Quality Monitoring Program	\$	500.00	P	7505	FY 2021/22	ENG
Hydraulic Control Mitigation Plan Update-50% IEUA	\$	10,000.00	Q	7508	FY 2021/22	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	36,150.07	R	7510	FY 2020/21	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	36,221.00	R	7510	FY 2021/22	ENG
PE8&9 - Support Imp. 2020 Storage Mgmt. Plan	\$	43,220.00	S	7610	FY 2020/21	ENG
Upper Santa Ana River HCP (TO #7)	\$	15,062.88	T	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	5,000.00	T	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	238,646.90	U	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects/Refund	\$	200,000.00	V	7690.9	FY 2017/18	PROJ
Appropriative Pool - Legal Services	\$	3,803.11	W	8367	FY 2021/22	AP
Agricultural Pool - Mtg. Attendance Compensation	\$	17,950.98	X	8470	FY 2021/22	OAP
Agricultural Pool - Special Project Funding	\$	11,757.00	Y	8471	FY 2020/21	OAP
Agricultural Pool - Special Project Funding	\$	50,236.67	Y	8471	FY 2021/22	OAP
Non-Agricultural Pool - Legal Services	\$	629.90	Z	8567	FY 2020/21	ONAP
Non-Agricultural Pool - Legal Services	\$	50,000.00	Z	8567	FY 2021/22	ONAP
<b>Updated Balance as of July 31, 2022</b>	<b>\$</b>	<b>1,478,952.77</b>				

**ADMINISTRATION SERVICES:**

Unspent funds related to ongoing projects and associated activities from the Administration Services budget from FY 2021/22 totaling \$85,781.86 were "Carried Over" into the current FY 2022/23 budget. These funds were from the Human Resources Services [A] in the amount of \$12,000 in account (6013); Other Office Equipment-Boardroom Upgrades [B] in the amount of \$59,781.86 in account (6038); and Board Workshop

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

Expenses-Miscellaneous [C] in the amount of \$14,000 in account (6375.2). The total funds available are \$85,781.86.

#### OBMP ACTIVITIES:

The OBMP Update costs relate to the contract between Tom Dodson and Associates and CBWM to procure environmental review services for the 2020 OBMP Update. The original budget was \$225,500 and was approved during FY 2019/20. At the end of June 30, 2022 a remaining balance in the fund of \$16,344.56 was "Carried Over" into the current FY 2022/23 budget. The 2020 OBMP Update - Tom Dodson & Associates [D] in the amount of \$16,344.56 in account (6908.1).

Unspent funds related to ongoing projects and associated activities from the Agricultural area metering installation efforts budget from FY 2018/19 in several accounts totaling \$357,050 were "Carried Over" into the current FY 2022/23 budget. These funds were from the Meter Installation - New Meter Installation [E] in the amount of \$175,400 in account (7540); and Meter Installation - Calibration and Testing [E] in the amount of \$181,650 in account (7545). The total funds available are \$373,394.56.

#### ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2021/22 in several accounts totaling \$478,326.10 were "Carried Over" into the current FY 2022/23 budget. These funds were from the Agriculture Production and Estimation [F] in the amount of \$22,325 in account (5925); Integration Model-Meetings-50% IEUU Costs [G] in the amount of \$25,774 in account (6906.15); Ground Water Level-Capital Equipment [H] in the amount of \$1,085 in account (7104.9); PBHSP-Monitoring, Data Analysis, and Reporting [I] in the amount of \$21,000 in account (7302); Ground Level Monitoring-Capital Equipment [J] in the amount of \$5,000 in account (7408); PE2-Comprehensive Recharge-Engineering Services [K] in the amount of \$95,256 in account (7202.2); SB88 Specs-Ensure Compliance [L] in the amount of \$54,012.38 in account (7206.1); OBMP-2023 RMPU [M] in the amount of \$34,668.25 in account (7210); OBMP-Engineering Services [N] in the amount of \$26,758 in account (7402); PE4-Northwest MZ1 Area Project [O] in the amount of \$64,515 in account (7402.1); Groundwater Quality Monitoring Program [P] in the amount of \$1,694 in account (7505); Hydraulic Control Mitigation Plan Update-50% IEUA Costs [Q] in the amount of \$10,000 in account (7508); IEUA-Update Recycle Water Permit-Salinity [R] in the amount of \$73,018.47 in account (7510); and PE8&9-Support Implementation of the 2020 Storage Management Plan [S] in the amount of \$43,220 in account (7610). The total funds available are \$478,326.10.

#### ONGOING RECHARGE IMPROVEMENT PROJECTS:

The Upper Santa Ana River HCP-Task Order #7 [T] has a remaining funded balance of \$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [U] has a remaining funded budget balance of \$238,646.90 in account (7690.8). The total funds available are \$258,709.78.

#### FUNDS ON HOLD FOR PROJECTS/REFUND:

The "Funds on Hold for Projects/Refund" [V] has a remaining budget from FY 2017/18 of \$200,000 in account (7690.9). By unanimous action of the Watermaster Board on June 24, 2021 the amount of \$1,234,582.42 was refunded to the Appropriative Pool with the November 2021 Assessment Package. The remaining amount of \$200,000 will be kept on hold until the warranty period for the San Sevaine Project has expired, and no warranty issues are noted.

#### POOL RELATED FUNDING;

The remaining funding items are strictly Pool related and are added to the FY 2022/23 budget to ensure proper funding is recorded and tracked. The Appropriative Pool Legal Services [W] in the amount of \$3,803.11 in account (8367); the Agricultural Pool Meeting Attendance Compensation [X] in the amount of \$18,950.98 in account (8470); the Agricultural Pool Special Project Funding [Y] in the amount of \$71,109.67 in account (8471); and the Non-Agricultural Pool Legal Services [Z] in the amount of \$51,564.90 in account (8567). The total funds available are \$145,428.66.

As invoices are received from the vendors and booked against these items listed above, the "Carried Over" balance will be reduced throughout the current fiscal year. At June 30, 2023, any remaining balances of the FY 2021/22 and prior years funding (if any), along with any new FY 2022/23 expenses, will then be "Carried Over" into the FY 2023/24 budget.

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

#### AUDIT FIELD WORK

##### CURRENT MONTH – JULY 2022

The auditors from the audit firm of Fedak & Brown LLP started the interim field work for FY 2021/22 on June 13, 2022 through June 17, 2022. The plan was for the auditors not to be onsite at the Watermaster office for the interim field audit. Instead, all of the audit schedules, accounts payable selections, accounts receivable selections, bank reconciliations, payroll and timesheet selections, and any other reports and information were provided to the auditors electronically via Dropbox software. This has been the same processed used for the past several years and has worked well for both Watermaster and the auditors. This was the start of the interim field work for the period of July 1, 2021 through April 30, 2022. The final field work for the period of May 1, 2022 through July 31, 2022 has been tentatively scheduled for the week of September 19, 2022 through September 23, 2022.

The Annual Financial and Audit Reports are tentatively scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 27, 2022 Board meeting. The Annual Financial and Audit Reports for FY 2021/22 are tentatively scheduled for posting to the Watermaster website no later than October 31, 2022.

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

#### FY 2022/23 EXHIBIT "G" NON-AGRICULTURAL POOL SALE OF WATER

##### CURRENT MONTH – JULY 2022

No Exhibit "G" activity to report for the month.

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

#### ASSESSMENTS AND OTHER INVOICING

##### CURRENT MONTH – JULY 2022

##### FY 2022/23 Assessment Package

There was no Assessment activity to report for the month.

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

ATTACHMENTS

1. Financial Report – B5



	1/12th (8.33%) of the Total Budget				1/12th (8.33%) of the Total Budget				100% of the Total Budget			
	For The Month of July 2022				Year-To-Date as of July 31, 2022				Fiscal Year End as of June 30, 2023			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
4010 - Local Agency Subsidies	181,865.78	181,866.00	-0.22	100.0%	181,865.78	181,866.00	-0.22	100.0%	181,865.78	181,866.00	-0.22	100.0%
4110 - Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	9,029,425.00	9,029,425.00	0.00	100.0%
4120 - Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	285,135.00	285,135.00	0.00	100.0%
4130 - Admin Asmnts-Agricultural Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4700 - Non Operating Revenues	0.93	0.00	0.93	100.0%	0.93	0.00	0.93	100.0%	35,550.00	35,550.00	0.00	100.0%
4900 - Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Income</b>	<b>181,866.71</b>	<b>181,866.00</b>	<b>0.71</b>	<b>100.0%</b>	<b>181,866.71</b>	<b>181,866.00</b>	<b>0.71</b>	<b>100.0%</b>	<b>9,531,975.78</b>	<b>9,531,976.00</b>	<b>-0.22</b>	<b>100.0%</b>
<b>Gross Profit</b>	<b>181,866.71</b>	<b>181,866.00</b>	<b>0.71</b>	<b>100.0%</b>	<b>181,866.71</b>	<b>181,866.00</b>	<b>0.71</b>	<b>100.0%</b>	<b>9,531,975.78</b>	<b>9,531,976.00</b>	<b>-0.22</b>	<b>100.0%</b>
<b>Expense</b>												
5900 - Judgment Administration	33,239.20	122,359.00	-89,119.80	27.17%	33,239.20	122,359.00	-89,119.80	27.17%	398,870.40	1,195,126.00	-796,255.60	33.38%
6010 - Admin. Salary/Benefit Costs	98,176.90	65,807.00	32,369.90	149.19%	98,176.90	65,807.00	32,369.90	149.19%	1,178,122.80	656,096.00	522,026.80	179.57%
6020 - Office Building Expense	10,069.15	11,600.00	-1,530.85	86.8%	10,069.15	11,600.00	-1,530.85	86.8%	138,329.80	141,031.00	-2,701.20	98.09%
6030 - Office Supplies & Equip.	4,929.08	63,106.86	-58,177.78	7.81%	4,929.08	63,106.86	-58,177.78	7.81%	89,148.96	96,181.86	-7,032.90	92.69%
6040 - Postage & Printing Costs	1,991.78	3,540.00	-1,548.22	56.27%	1,991.78	3,540.00	-1,548.22	56.27%	33,901.36	38,255.00	-4,353.64	88.62%
6050 - Information Services	20,081.22	20,392.00	-310.78	98.48%	20,081.22	20,392.00	-310.78	98.48%	172,974.64	177,624.00	-4,649.36	97.38%
6060 - Contract Services	1,532.01	2,600.00	-1,067.99	58.92%	1,532.01	2,600.00	-1,067.99	58.92%	53,384.12	57,960.00	-4,575.88	92.11%
6070 - Watermaster Legal Services	44,677.86	39,714.00	4,963.86	112.5%	44,677.86	39,714.00	4,963.86	112.5%	536,134.32	450,146.00	85,988.32	119.1%
6080 - Insurance	34,092.84	34,818.00	-725.16	97.92%	34,092.84	34,818.00	-725.16	97.92%	46,592.84	48,743.00	-2,150.16	95.59%
6110 - Dues and Subscriptions	16,562.87	16,800.00	-237.13	98.59%	16,562.87	16,800.00	-237.13	98.59%	40,625.74	41,475.00	-849.26	97.95%
6140 - WM Admin Expenses	170.97	488.00	-317.03	35.04%	170.97	488.00	-317.03	35.04%	5,901.64	6,550.00	-648.36	90.1%
6150 - Field Supplies	923.36	1,000.00	-76.64	92.34%	923.36	1,000.00	-76.64	92.34%	2,770.08	3,200.00	-429.92	86.57%
6170 - Travel & Transportation	2,164.58	2,235.00	-70.42	96.85%	2,164.58	2,235.00	-70.42	96.85%	25,974.96	28,970.00	-2,995.04	89.66%
6190 - Training, Conferences, Seminars	5,375.00	5,642.00	-267.00	95.27%	5,375.00	5,642.00	-267.00	95.27%	41,500.00	42,678.00	-1,178.00	97.24%
6200 - Advisory Committee Expenses	0.00	10,893.00	-10,893.00	0.0%	0.00	10,893.00	-10,893.00	0.0%	114,480.83	127,177.00	-12,696.17	90.02%
6300 - Watermaster Board Expenses	23,982.85	48,362.00	-24,379.15	49.59%	23,982.85	48,362.00	-24,379.15	49.59%	280,311.35	295,328.00	-15,016.65	94.92%
8300 - Approp Pool-WM & Pool Admin	103.51	16,350.11	-16,246.60	0.63%	103.51	16,350.11	-16,246.60	0.63%	146,242.12	150,101.11	-3,858.99	97.43%
8400 - Ag Pool-WM & Pool Admin	0.00	12,442.00	-12,442.00	0.0%	0.00	12,442.00	-12,442.00	0.0%	144,304.00	145,038.00	-734.00	99.49%
8467 - Ag Legal & Technical Services	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	300,000.00	0.00	300,000.00	100.0%
8470 - Ag Meeting Attend -Special	1,000.00	18,950.98	-17,950.98	5.28%	1,000.00	18,950.98	-17,950.98	5.28%	18,500.00	18,950.98	-450.98	97.62%
8471 - Ag Pool Expense	9,116.00	71,109.67	-61,993.67	12.82%	9,116.00	71,109.67	-61,993.67	12.82%	9,116.00	71,109.67	-61,993.67	12.82%
8485 - Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	400.00	400.00	0.00	100.0%
8500 - Non-Ag Pool-WM & Pool Admin	1,310.00	104,150.90	-102,840.90	1.26%	1,310.00	104,150.90	-102,840.90	1.26%	215,720.00	227,494.90	-11,774.90	94.82%
9400 - Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 - Allocated G&A Expenditures	-19,231.28	-32,582.00	13,350.72	59.02%	-19,231.28	-32,582.00	13,350.72	59.02%	-325,775.36	-390,992.00	65,216.64	83.32%
6900 - Optimum Basin Mgmt Plan	75,166.03	200,438.56	-125,272.53	37.5%	75,166.03	200,438.56	-125,272.53	37.5%	1,501,992.36	1,526,057.56	-24,065.20	98.42%
7104 - Gdwtr Level Monitoring	30,979.61	31,035.00	-55.39	99.82%	30,979.61	31,035.00	-55.39	99.82%	269,255.32	272,197.00	-2,941.68	98.92%
7200 - PE2- Comp Recharge Pgm	17,005.01	490,109.63	-473,104.62	3.47%	17,005.01	490,109.63	-473,104.62	3.47%	1,629,060.12	1,653,951.63	-24,891.51	98.5%
7300 - PE3&5-Water Supply/Desalte	2,326.62	34,180.00	-31,853.38	6.81%	2,326.62	34,180.00	-31,853.38	6.81%	172,919.44	178,553.00	-5,633.56	96.85%
7400 - PE4- Mgmt Plan	18,866.63	156,646.00	-137,779.37	12.04%	18,866.63	156,646.00	-137,779.37	12.04%	626,399.56	632,897.00	-6,497.44	98.97%
7500 - PE6&7-CoopEfforts/SaltMgmt	40,641.36	483,708.47	-443,067.11	8.4%	40,641.36	483,708.47	-443,067.11	8.4%	937,696.32	944,443.47	-6,747.15	99.29%
7600 - PE8&9-StorageMgmt/Conj Use	16,836.58	85,225.00	-68,388.42	19.76%	16,836.58	85,225.00	-68,388.42	19.76%	537,038.96	546,870.00	-9,831.04	98.2%
7690 - Recharge Improvements	0.00	970,845.78	-970,845.78	0.0%	0.00	970,845.78	-970,845.78	0.0%	1,295,000.00	1,299,011.78	-4,011.78	99.69%
9501 - Admin Expenses Allocated-OBMP	9,421.66	20,050.00	-10,628.34	46.99%	9,421.66	20,050.00	-10,628.34	46.99%	198,059.92	240,607.00	-42,547.08	82.32%

	1/12th (8.33%) of the Total Budget				1/12th (8.33%) of the Total Budget				100% of the Total Budget			
	For The Month of July 2022				Year-To-Date as of July 31, 2022				Fiscal Year End as of June 30, 2023			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
9502 - Admin Expenses Allocated-PE 1-9	9,809.62	12,532.00	-2,722.38	78.28%	9,809.62	12,532.00	-2,722.38	78.28%	127,715.44	150,385.00	-22,669.56	84.93%
<b>Total Expense</b>	<b>511,321.02</b>	<b>3,124,548.96</b>	<b>-2,613,227.94</b>	<b>16.37%</b>	<b>511,321.02</b>	<b>3,124,548.96</b>	<b>-2,613,227.94</b>	<b>16.37%</b>	<b>10,962,668.04</b>	<b>11,073,616.96</b>	<b>-110,948.92</b>	<b>99.0%</b>
<b>Net Ordinary Income</b>	<b>-329,454.31</b>	<b>-2,942,682.96</b>	<b>2,613,228.65</b>	<b>11.2%</b>	<b>-329,454.31</b>	<b>-2,942,682.96</b>	<b>2,613,228.65</b>	<b>11.2%</b>	<b>-1,430,692.26</b>	<b>-1,541,640.96</b>	<b>110,948.70</b>	<b>92.8%</b>
<b>Other Income</b>												
4210 - Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4220 - Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4225 - Interest Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4226 - LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4227 - AP Escrow Interest	0.82	0.00	0.82	100.0%	0.82	0.00	0.82	100.0%	15.00	0.00	15.00	100.0%
4600 - Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4715 - Gain on Sale of Assets	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Income</b>	<b>0.82</b>	<b>0.00</b>	<b>0.82</b>	<b>100.0%</b>	<b>0.82</b>	<b>0.00</b>	<b>0.82</b>	<b>100.0%</b>	<b>15.00</b>	<b>0.00</b>	<b>15.00</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 - Groundwater Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
5100 - Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9000 - Other Expenses	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9200 - Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 - Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 - Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996.5 - Refund-Basin O&M-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9997 - Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9997.5 - Refund-Basin O&M-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 - Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9999 - To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
<b>Net Other Income</b>	<b>0.82</b>	<b>0.00</b>	<b>0.82</b>	<b>100.0%</b>	<b>0.82</b>	<b>0.00</b>	<b>0.82</b>	<b>100.0%</b>	<b>15.00</b>	<b>0.00</b>	<b>15.00</b>	<b>100.0%</b>
<b>Net Income</b>	<b>-329,453.49</b>	<b>-2,942,682.96</b>	<b>2,613,229.47</b>	<b>11.2%</b>	<b>-329,453.49</b>	<b>-2,942,682.96</b>	<b>2,613,229.47</b>	<b>11.2%</b>	<b>-1,430,677.26</b>	<b>-1,541,640.96</b>	<b>110,963.70</b>	<b>92.8%</b>

Note: Please see the staff report (Financial Report-B5) for additional detailed information on the account categories.

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**August 2022**

Financial Report - B6  
For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>08/01/2022</b>	<b>23623</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	897715		897715	6078 · BHFS Legal - Miscellaneous	17,958.15
				Misc. download from SB County court	6078 · BHFS Legal - Miscellaneous	13.50
				Research - Lexis Nexis	6078 · BHFS Legal - Miscellaneous	0.41
Bill	06/30/2022	897716		GM Evaluation & Contract	6073 · BHFS Legal - Personnel Matters	5,681.25
				Employee Handbook Review	6073 · BHFS Legal - Personnel Matters	2,830.50
Bill	06/30/2022	897717		897717	6275 · BHFS Legal - Advisory Committee	346.50
Bill	06/30/2022	897718		897718	6375 · BHFS Legal - Board Meeting	8,849.25
				Mileage/Parking Expense-Herrema	6375 · BHFS Legal - Board Meeting	71.75
Bill	06/30/2022	897719		897719	8375 · BHFS Legal - Appropriative Pool	544.50
Bill	06/30/2022	897720		897720	8475 · BHFS Legal - Agricultural Pool	544.50
Bill	06/30/2022	897721		897721	8575 · BHFS Legal - Non-Ag Pool	544.50
Bill	06/30/2022	897722		897722	6071 · BHFS Legal - Court Coordination	25,499.25
				04/22/22 - Mileage/Parking Expense-Slater	6071 · BHFS Legal - Court Coordination	14.81
				06/02/22 - Research-Westlaw	6071 · BHFS Legal - Court Coordination	262.96
				06/02/22 - Research-Lexis	6071 · BHFS Legal - Court Coordination	129.76
				06/02/20 - Research-Lexis	6071 · BHFS Legal - Court Coordination	131.07
				04/22/22 - Lodging-Slater	6071 · BHFS Legal - Court Coordination	185.19
Bill	06/30/2022	897723		897723	6907.41 · Prado Basin Habitat Sustain	198.00
Bill	06/30/2022	897724		897724	6907.45 · OBMP Update	1,569.60
Bill	06/30/2022	897725		897725	6907.47 · 2020 Safe Yield Reset	2,479.50
Bill	06/30/2022	897726		897726	6078.25 · Ely 3 Basin Investigation	15,314.40
				CourtCall - Sandler	6078.25 · Ely 3 Basin Investigation	94.00
<b>TOTAL</b>						<b>83,263.35</b>
<b>Bill Pmt -Check</b>	<b>08/01/2022</b>	<b>23624</b>	<b>WEST YOST</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022	2049986		2049986	6906.31 · OBMP-Pool, Adv. Board Mtgs	4,620.40
Bill	06/30/2022	2049987		2049987	6906.32 · OBMP-Other General Meetings	12,666.75
Bill	06/30/2022	2049988		2049988	6906.71 · OBMP-Data Req.-CBWM Staff	1,464.00
Bill	06/30/2022	2049989		2049989	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,870.50
Bill	06/30/2022	2049990		2049990	6906 · OBMP Engineering Services	3,870.50
Bill	06/30/2022	2049991		2049991	6906.15 · Integrated Model Mtgs-IEUA Cost	134.50
Bill	06/30/2022	2049992		2049992	7103.3 · Grdwtr Qual-Engineering	26,944.25
Bill	06/30/2022	2049993		2049993	7104.3 · Grdwtr Level-Engineering	33,924.55
Bill	06/30/2022	2049994		2049994	7107.2 · Grd Level-Engineering	1,092.64
Bill	06/30/2022	2049995		2049995	7107.2 · Grd Level-Engineering	1,934.75
Bill	06/30/2022	2049996		2049996	7107.2 · Grd Level-Engineering	1,479.50
				General Atomics	7107.3 · Grd Level-SAR Imagery	79,438.00
Bill	06/30/2022	2049997		2049997	7107.2 · Grd Level-Engineering	269.00
				Guida Surveying Inc.	7107.6 · Grd Level-Contract Svcs	62,560.31

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**August 2022**

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/30/2022	2049998		2049998	7108.31 · Hydraulic Control - PBHSP	2,251.50
Bill	06/30/2022	2049999		2049999	7110.3 · Ag Prod. & Estimation-Eng. Serv	4,338.75
Bill	06/30/2022	2050000		2050000	7202.2 · Engineering Svc	2,942.50
Bill	06/30/2022	2050001		2050001	7402 · PE4-Engineering	1,785.00
Bill	06/30/2022	2050002		2050002	7402.10 · PE4 - Northwest MZ1 Area Proj.	6,203.00
Bill	06/30/2022	2050003		2050003	7402 · PE4-Engineering	5,411.00
Bill	06/30/2022	2050004		2050004	7510 · PE6&7-IEUA Salinity Mgmt. Plan	348.00
Bill	06/30/2022	2050005		2050005	7511 · PE6&7-SAWBMP Task Force-50% IEUA	1,241.25
Bill	06/30/2022	2050006		2050006	7614 · PE8&9-Develop S&R Master Plan	7,640.08
Bill	06/30/2022	2050007		2050007	6906.14 · Modeling for WSIP-100% IEUA	8,425.25
Bill	06/30/2022	2050008		2050008	7508 · HC Mitigation Plan-50% IEUA	7,053.25
TOTAL						279,909.23
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23625</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>152758</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/01/2022	152758		Monthly services - August 2022	6052.4 · IT Managed Services	5,005.95
				Overwatch - August 2022	6052.5 · IT Data Backup/Storage	699.00
				Omni Cloud - August 2022	6052.5 · IT Data Backup/Storage	188.00
				Office 365 Subscriptions - Business Premier-Aug 2	6052.4 · IT Managed Services	258.25
				Image Office Storage (per GB, per month)-Aug 202	6052.5 · IT Data Backup/Storage	618.66
TOTAL						6,769.86
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23626</b>	<b>ACWA JOINT POWERS INSURANCE AUTHORITY</b>	<b>0690753</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/01/2022	0690753		Prepayment - September 2022	1409 · Prepaid Life, BAD&D & LTD	338.48
				August 2022	60191 · Life & Disab.Ins Benefits	338.48
TOTAL						676.96
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23627</b>	<b>APPLIED COMPUTER TECHNOLOGIES</b>	<b>35488</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	35488		Database Consulting - July 2022	6052.2 · Applied Computer Technol	4,050.00
TOTAL						4,050.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23628</b>	<b>BOWCOCK, ROBERT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/20/2022	7/20 SY Workshop		7/20/22 Safe Yield Workshop	6311 · Board Member Compensation	125.00
Bill	07/27/2022	7/27 Board Workshop		7/22/22 Board Workshop - Roberts Rules	6311 · Board Member Compensation	125.00
Bill	07/28/2022	7/28 Special Board		7/28/22 Special Board Workshop	6311 · Board Member Compensation	125.00
TOTAL						375.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23629</b>	<b>CURATALO, JAMES</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	7/01 Legal Mtg		7/01/22 meeting w/legal counsel re: WM issues	6311 · Board Member Compensation	125.00
Bill	07/06/2022	7/06 Admin Mtg		7/06/22 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	07/26/2022	7/26 Call w/PK		7/26/22 call w/P. Kavounas	6311 · Board Member Compensation	125.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**August 2022**

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	07/27/2022	7/27 Board Workshop		7/27/22 Board Workshop - Roberts Rules	6311 · Board Member Compensation	125.00
Bill	07/28/2022	7/28 Board Workshop		7/28/22 Board Workshop	6311 · Board Member Compensation	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23630</b>	<b>ELIE, STEVEN</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/28/2022	7/28 Board Workshop		7/28/22 Board Workshop	6311 · Board Member Compensation	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23631</b>	<b>FILIPPI, GINO</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/27/2022	7/27 Workshop		7/27/22 Workshop re Roberts Rules	8470 · Ag Meeting Attend -Special	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23632</b>	<b>FOLSOM, BETTY</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/27/2022	7/27 Board Workshop		7/27/22 Workshop re Roberts Rules	6311 · Board Member Compensation	125.00
Bill	07/28/2022	7/28 Board Workshop		7/28/22 Board Workshop	6311 · Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23633</b>	<b>GEYE, BRIAN</b>	<b>Non-Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/20/2022	7/20 SY Workshop		7/20/22 Safe Yield Workshop	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/27/2022	7/27 Board Workshop		7/27/22 Board Workshop - Roberts Rules	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/28/2022	7/28 Board Workshop		7/28/22 Board Workshop	8511 · Non-Ag Pool Member Compensation	125.00
TOTAL						375.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23634</b>	<b>JOHN J. SCHATZ</b>	<b>Appropriative Pool Legal Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2022			February 2022	8367 · Legal Service	15,729.06
Bill	06/30/2022			March 2022	8367 · Legal Service	23,642.50
Bill	06/30/2022			April 2022	8367 · Legal Service	29,622.50
Bill	06/30/2022			May 2022	8367 · Legal Service	14,128.50
Bill	06/30/2022			June 2022	8367 · Legal Service	15,576.50
TOTAL						98,699.06
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23635</b>	<b>PR MILLWORKS</b>	<b>Estimate #20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/29/2022	20		50% down on extension of board room desk	1840 · Capital Assets	2,100.00
TOTAL						2,100.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23636</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>30969223</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	30969223		Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				Service fee	6022 · Telephone	8.50
				Call shortfall	6022 · Telephone	78.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						164.50
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23637</b>	<b>VANGUARD CLEANING SYSTEMS</b>	<b>113462</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	08/01/2022	113462		Monthly service - August 2022	6024 - Building Repair & Maintenance	915.00
TOTAL						915.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23638</b>	<b>SPECTRUM BUSINESS</b>	<b>2031978072322</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/28/2022	2031978072322		7/23/22-8/22/22	6053 - Internet Expense	1,105.31
TOTAL						1,105.31
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23639</b>	<b>STANDARD INSURANCE CO.</b>	<b>Policy # 00-649299-0009</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	006492990009		Policy # 00-649299-0009	60191 - Life & Disab.Ins Benefits	1,057.98
TOTAL						1,057.98
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23640</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1000907865</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/26/2022	1000907865		Premium charge 7/26/22-8/26/22	60183 - Worker's Comp Insurance	1,011.91
TOTAL						1,011.91
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23641</b>	<b>UNION 76</b>	<b>7076-2245-3035-5049</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	7076224530355049		July 2022	6175 - Vehicle Fuel	375.56
TOTAL						375.56
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23642</b>	<b>VISION SERVICE PLAN</b>	<b>815659500</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/26/2022	815659500		Vision Insurance Premium - August 2022	60182.2 - Dental & Vision Ins	126.36
TOTAL						126.36
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23643</b>	<b>WESTERN MUNICIPAL WATER DISTRICT</b>	<b>Board Member Compensation</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/27/2022	7/27 Board Workshop		7/27/22 Board Workshop re Roberts Rules-Gardne	6311 - Board Member Compensation	125.00
Bill	07/28/2022	7/28 Board Workshop		7/28/22 Board Workshop-Gardner	6311 - Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23644</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>152869</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	152869		Xirrius renewal for 2022/2023	6054 - Computer Software	1,040.00
TOTAL						1,040.00
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23645</b>	<b>BUSINESS TELECOMMUNICATION SYSTEMS I 19056</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	07/22/2022	19056		Replacement phones for office	6055 - Computer Hardware	2,684.88
TOTAL						2,684.88
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23646</b>	<b>EMPOWER LAB</b>	<b>Culture Workshop</b>	<b>1012 - Bank of America Gen'l Ckg</b>	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/08/2022	2371		6/08/22 Culture Workshop w/Don Piero	6193 · Employee Training	1,500.00
Bill	07/29/2022	2387		July 2022	6193 · Employee Training	1,125.00
TOTAL						<u>2,625.00</u>
<b>Bill Pmt -Check</b>	<b>08/02/2022</b>	<b>23647</b>	<b>VERIZON WIRELESS</b>	<b>9911024192</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/28/2022	9911024192		Acct #642073270-00002	7525 · PE6&7 - Computer Services	58.03
TOTAL						<u>58.03</u>
<b>Bill Pmt -Check</b>	<b>08/03/2022</b>	<b>ACH 080322</b>	<b>CALPERS</b>	<b>1394905143</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/01/2022	1394905143		Medical Insurance Premiums - August 2022	60182.1 · Medical Insurance	13,588.04
TOTAL						<u>13,588.04</u>
<b>General Journal</b>	<b>08/02/2022</b>	<b>08/02/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 4052634</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 4052634	1012 · Bank of America Gen'l Ckg	52.71
TOTAL						<u>52.71</u>
<b>Bill Pmt -Check</b>	<b>08/05/2022</b>	<b>23648</b>	<b>CALIFORNIA BANK &amp; TRUST</b>	<b>Account 6198</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	Account 6198		Miscellaneous office supplies	6031.7 · Other Office Supplies	48.29
				Custom signs for office	6031.7 · Other Office Supplies	44.40
				Speaker for meeting room	6055 · Computer Hardware	58.32
				Reciever for meeting room	6055 · Computer Hardware	255.67
				Miscellaneous office supplies	6031.7 · Other Office Supplies	73.84
				Miscellaneous office supplies	6031.7 · Other Office Supplies	214.54
				Miscellaneous office supplies	6031.7 · Other Office Supplies	13.86
				Miscellaneous office supplies	6031.7 · Other Office Supplies	12.34
				Miscellaneous office supplies	6031.7 · Other Office Supplies	5.13
				Netgear ethernet	6055 · Computer Hardware	57.96
				Miscellaneous office supplies	6031.7 · Other Office Supplies	33.28
				Website security software	6054 · Computer Software	538.01
				Miscellaneous office supplies	6031.7 · Other Office Supplies	85.42
				Miscellaneous office supplies	6031.7 · Other Office Supplies	276.43
				Miscellaneous office supplies	6031.7 · Other Office Supplies	91.30
				Ice maker for office	6038 · Other Office Equipment	414.76
				Miscellaneous office supplies	6031.7 · Other Office Supplies	449.87
				Keyboard for ipad for Executive Assistant	6055 · Computer Hardware	321.20
				Cables for office	6055 · Computer Hardware	18.24
				Cables for office	6055 · Computer Hardware	18.25
				Miscellaneous office supplies	6031.7 · Other Office Supplies	15.86
				Miscellaneous office supplies	6031.7 · Other Office Supplies	127.71
				Miscellaneous office supplies	6031.7 · Other Office Supplies	32.12

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Miscellaneous office supplies	6031.7 · Other Office Supplies	80.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.97
				Supplies for workshop - Roberts Rules of Order	6312 · Meeting Expenses	95.05
				PK mtg w/R. Craig	8312 · Meeting Expenses	32.15
				PK mtg w/K. Parker	6312 · Meeting Expenses	52.06
TOTAL						3,509.03
<b>Bill Pmt -Check</b>	<b>08/05/2022</b>	<b>23649</b>	<b>FEDEX</b>	<b>962656480</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/18/2022	962656480		shipping-wall mounts for San Sevaine equipment	1840 · Capital Assets	162.07
TOTAL						162.07
<b>Bill Pmt -Check</b>	<b>08/05/2022</b>	<b>23650</b>	<b>LAW OFFICE OF ALLEN W. HUBSCH</b>	<b>38</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	38		Non-Ag Pool Legal Services - July 2022	8567 · Non-Ag Legal Service	935.00
TOTAL						935.00
<b>Bill Pmt -Check</b>	<b>08/05/2022</b>	<b>23651</b>	<b>TOTAL COMPENSATION SYSTEMS, INC.</b>	<b>10796</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	10796		GASB 75 Full Valuation - 2nd installment	6062.5 · Audit Support Services	1,350.00
TOTAL						1,350.00
<b>General Journal</b>	<b>08/09/2022</b>	<b>08/09/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 4074162</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 4074162	1012 · Bank of America Gen'l Ckg	69.20
TOTAL						69.20
<b>General Journal</b>	<b>08/11/2022</b>	<b>08/11/2022</b>	<b>Payroll and Taxes for 07/24/22-08/06/22</b>	<b>Payroll and Taxes for 07/24/22-08/06/22</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			ADP, LLC	Direct Deposits for 07/24/22-08/06/22	1012 · Bank of America Gen'l Ckg	37,530.26
			ADP, LLC	Payroll Taxes for 07/24/22-08/06/22	1012 · Bank of America Gen'l Ckg	14,031.26
			MISSIONSQUARE RETIREMENT	457(b) EE Deductions for 07/24/22-08/06/22	1012 · Bank of America Gen'l Ckg	6,513.92
			MISSIONSQUARE RETIREMENT	401(a) EE Deductions for 07/24/22-08/06/22	1012 · Bank of America Gen'l Ckg	2,026.75
TOTAL						60,102.19
<b>General Journal</b>	<b>08/12/2022</b>	<b>08/12/2022</b>	<b>ADP, LLC</b>	<b>ADP Tax Service</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			ADP, LLC	ADP Tax Service for 07/09/22-612006625	1012 · Bank of America Gen'l Ckg	177.34
			ADP, LLC	ADP Tax Service for 07/23/22-612006625	1012 · Bank of America Gen'l Ckg	170.93
TOTAL						348.27
<b>Bill Pmt -Check</b>	<b>08/11/2022</b>	<b>ACH 081122</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	08/06/2022	08/11/2022	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 07/24/22-08/06/22	2000 · Accounts Payable	10,714.30
TOTAL						10,714.30
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23652</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>IT Miscellaneous Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	



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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	07/31/2022	153093		Internet switch upgrade	6054 · Computer Software	700.00
Bill	07/31/2022	153094		2nd down payment for project	6054 · Computer Software	1,323.00
TOTAL						<u>2,023.00</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23653</b>	<b>BURRTEC WASTE INDUSTRIES, INC.</b>	<b>N2112902506</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/09/2022	N2112902506		August 2022	6024 · Building Repair & Maintenance	142.50
TOTAL						<u>142.50</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23654</b>	<b>CORELOGIC INFORMATION SOLUTIONS</b>	<b>82142529</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	82142529		July 2022	7525 · PE6&7 - Computer Services	125.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23655</b>	<b>DE HAAN, HENRY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	5/12 Ag Pool Mtg		5/12/22 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23656</b>	<b>EMPOWER LAB</b>	<b>Employee Training</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2022	2268		April 2022	6193 · Employee Training	1,125.00
Bill	07/01/2022	2347		June 2022	6193 · Employee Training	1,125.00
TOTAL						<u>2,250.00</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23657</b>	<b>FAVELA, RUBY</b>	<b>Employee Expense Reimbursement</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/10/2022			Miscellaneous office supplies	6031.7 · Other Office Supplies	113.09
				Supplies for PK anniversary frame	6141.3 · Admin Meetings	13.22
				Mileage reimbursement	6173 · Airfare/Mileage	38.24
TOTAL						<u>164.55</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23658</b>	<b>FIRST LEGAL NETWORK LLC</b>	<b>40064456</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	40064456		Court filings for July 2022	6061.5 · Court Filing Services	182.01
TOTAL						<u>182.01</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23659</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/05/2022	7/05 Admin Mtg		7/05/22 Administrative meeting w/Legal	6311 · Board Member Compensation	125.00
Bill	07/25/2022	7/25 Roberts Rules		7/25/22 Roberts Rules Workshop	6311 · Board Member Compensation	125.00
Bill	07/26/2022	7/26 Board Workshop		7/26/22 Board Workshop	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23660</b>	<b>LEGAL SHIELD</b>	<b>Employee Deductions</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/15/2022	111802		Employee deductions - July 2022	60194 · Other Employee Insurance	135.50
Bill	08/15/2022	111802		Employee deductions - August 2022	60194 · Other Employee Insurance	109.60

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TOTAL						245.10
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23661</b>	<b>SANTA ANA WATERSHED PROJECT AUTHORI</b>	<b>BMPTF 2023-02</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/27/2022	BMPTF 2023-02		FY 2022-23 Basin Monitoring Program Task Force	6903 · OBMP SAWPA Group	21,458.00
TOTAL						21,458.00
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23662</b>	<b>TELLEZ-FOSTER, EDGAR</b>	<b>Employee Expense Reimbursement</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/10/2022			8/02/22 Ops Staff Meeting	6141.3 · Admin Meetings	120.75
				8/9/2022 mtg. w/E. Skrzat CBWCD	8312 · Meeting Expenses	37.82
TOTAL						158.57
<b>Bill Pmt -Check</b>	<b>08/18/2022</b>	<b>23663</b>	<b>UNITED HEALTHCARE</b>	<b>052587364607</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/16/2022	052587364607		Dental Insurance Premium - September 2022	60182.2 · Dental & Vision Ins	938.49
TOTAL						938.49
<b>Bill Pmt -Check</b>	<b>08/19/2022</b>	<b>23664</b>	<b>CUCAMONGA VALLEY WATER DISTRICT</b>	<b>Office Lease</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/18/2022			Lease payment due September 1, 2022	1422 · Prepaid Rent	7,588.83
TOTAL						7,588.83
<b>Bill Pmt -Check</b>	<b>08/19/2022</b>	<b>23665</b>	<b>DELL MARKETING LP</b>	<b>10607619860</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/18/2022	10607619860		San Sevaine room AV Equipment	1840 · Capital Assets	13,027.58
TOTAL						13,027.58
<b>Bill Pmt -Check</b>	<b>08/19/2022</b>	<b>23666</b>	<b>FRONTIER COMMUNICATIONS</b>	<b>909-484-3890-050914-5</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/18/2022	90948438900509145		Office fax	6022 · Telephone	172.92
TOTAL						172.92
<b>Bill Pmt -Check</b>	<b>08/19/2022</b>	<b>23667</b>	<b>GREAT AMERICA LEASING CORP.</b>	<b>32242127</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/18/2022	32242127		Invoice for August 2022	6043.1 · Ricoh Lease Fee	1,528.34
				Supply freight fee	6043.2 · Ricoh Usage & Maintenance Fee	8.57
				Usage for color images	6043.2 · Ricoh Usage & Maintenance Fee	346.12
TOTAL						1,883.03
<b>Bill Pmt -Check</b>	<b>08/19/2022</b>	<b>23668</b>	<b>EASTVALE DEVELOPMENT COMPANY - PIERS</b>	<b>Ag Pool and Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/12/2022	7/12 Call w/Chair		7/12/22 Call with Ag Pool Chair	8470 · Ag Meeting Attend -Special	125.00
Bill	07/18/2022	7/18 Call w/Chair		7/18/22 Call with Agricultural Pool Chair	8470 · Ag Meeting Attend -Special	125.00
Bill	07/19/2022	7/19 Call w/Chair		7/19/22 Call with Agricultural Pool Legal and Chair	8470 · Ag Meeting Attend -Special	125.00
Bill	07/20/2022	7/20 Call w/Chair		7/20/22 Call with Agricultural Pool Chair	8470 · Ag Meeting Attend -Special	125.00
Bill	07/20/2022	7/20 SY Workshop		7/20/22 Safe Yield Reset Workshop	6311 · Board Member Compensation	125.00
Bill	07/21/2022	7/21 Call w/Chair		7/21/22 Call with Agricultural Pool Chair	8470 · Ag Meeting Attend -Special	125.00

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Bill	07/26/2022	7/26 Call w/Chair		7/26/22 Call with Agricultural Pool Chair	8470 · Ag Meeting Attend -Special	125.00
Bill	07/27/2022	7/27 RRO		7/27/22 Board Meeting - Robert's Rules of Order	6311 · Board Member Compensation	125.00
Bill	07/29/2022	7/29 RIPCOMM		7/29/22 RIPCOMM	6311 · Board Member Compensation	125.00
TOTAL						1,125.00
<b>Bill Pmt -Check</b>	<b>08/19/2022</b>	<b>23669</b>	<b>VERIZON WIRELESS</b>	<b>9912686844</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	9912686844		Acct #470810953-00002	6022 · Telephone	520.18
TOTAL						520.18
<b>Bill Pmt -Check</b>	<b>08/24/2022</b>	<b>ACH 082422</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/01/2022	16881901		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	10,361.75
TOTAL						10,361.75
<b>General Journal</b>	<b>08/23/2022</b>	<b>08/23/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 4117564</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 4117564	1012 · Bank of America Gen'l Ckg	837.17
TOTAL						837.17
<b>General Journal</b>	<b>08/24/2022</b>	<b>08/24/2022</b>	<b>HEALTH EQUITY</b>	<b>Health Equity Invoice 4022988</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
			HEALTH EQUITY	Health Equity Invoice 4022988	1012 · Bank of America Gen'l Ckg	92.00
TOTAL						92.00
<b>Bill Pmt -Check</b>	<b>08/24/2022</b>	<b>23670</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2022	902962		902962	6907.39 · Recharge Master Plan	1,967.85
Bill	07/31/2022	902963		902963	6907.45 · OBMP Update	633.60
Bill	07/31/2022	902964		902964	6907.47 · 2020 Safe Yield Reset	4,640.85
Bill	07/31/2022	902965		902965	6078.25 · Ely 3 Basin Investigation	2,511.90
				Filing Fee - First Legal Network, LLC	6078.25 · Ely 3 Basin Investigation	94.56
Bill	07/31/2022	902958		902958	6078 · BHFS Legal - Miscellaneous	32,402.25
Bill	07/31/2022	902959		902959	6073 · BHFS Legal - Personnel Matters	6,565.05
Bill	07/31/2022	902960		902960	6375 · BHFS Legal - Board Meeting	9,576.45
Bill	07/31/2022	902961		902961	6071 · BHFS Legal - Court Coordination	3,104.10
TOTAL						61,496.61
<b>Bill Pmt -Check</b>	<b>08/24/2022</b>	<b>23671</b>	<b>CHEF DAVE'S CATERING &amp; EVENT SERVICES 1417B</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/17/2022	1417B		8/17/2022 Executive Committee Meeting	6193 · Employee Training	248.35
TOTAL						248.35
<b>Bill Pmt -Check</b>	<b>08/24/2022</b>	<b>23672</b>	<b>INLAND EMPIRE UTILITIES AGENCY</b>	<b>90032361</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/17/2022	90032361		GW Recharge O&M Cost Reimbursement - 1st Qtr 7206	Comp Recharge-O&M	275,458.25
TOTAL						275,458.25

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**August 2022**

Financial Report - B6  
For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/24/2022	23673	PRINTING RESOURCES	67753	1012 - Bank of America Gen'l Ckg	
Bill	08/18/2022	67753		Nameplates for D. Morales, title plate for ETF	6031.7 - Other Office Supplies	110.92
TOTAL						<u>110.92</u>
Bill Pmt -Check	08/24/2022	23674	READY REFRESH	0023230253	1012 - Bank of America Gen'l Ckg	
Bill	08/18/2022	0023230253		Office Water Bottle - August 2022	6031.7 - Other Office Supplies	65.80
TOTAL						<u>65.80</u>
Bill Pmt -Check	08/24/2022	23675	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 - Bank of America Gen'l Ckg	
Bill	08/23/2022	006492990009		Policy # 00-649299-0009	60191 - Life & Disab.Ins Benefits	1,057.98
TOTAL						<u>1,057.98</u>
Bill Pmt -Check	08/24/2022	23676	VERIZON WIRELESS	9913354273	1012 - Bank of America Gen'l Ckg	
Bill	08/23/2022	9913354273		Acct #642073270-00002	7525 - PE6&7 - Computer Services	58.03
TOTAL						<u>58.03</u>
General Journal	08/25/2022	08/25/2022	Payroll and Taxes for 08/07/22-08/20/22	Payroll and Taxes for 08/07/22-08/20/22	1012 - Bank of America Gen'l Ckg	
			ADP, LLC	Direct Deposits for 08/07/22-08/20/22	1012 - Bank of America Gen'l Ckg	38,292.66
			ADP, LLC	Payroll Taxes for 08/07/22-08/20/22	1012 - Bank of America Gen'l Ckg	14,418.53
			MISSIONSQUARE RETIREMENT	457(b) EE Deductions for 08/07/22-08/20/22	1012 - Bank of America Gen'l Ckg	6,219.42
			MISSIONSQUARE RETIREMENT	401(a) EE Deductions for 08/07/22-08/20/22	1012 - Bank of America Gen'l Ckg	2,026.75
TOTAL						<u>60,957.36</u>
Bill Pmt -Check	08/25/2022	ACH 082522	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
General Journal	08/20/2022	08/20/2022	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 08/07/22-08/20/22	2000 - Accounts Payable	10,714.30
TOTAL						<u>10,714.30</u>
Bill Pmt -Check	08/30/2022	ACH 083022	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
Bill	08/03/2022	16886592		Fees for GASB-68 Reports & Schedules	60180 - Employers PERS Expense	700.00
TOTAL						<u>700.00</u>
General Journal	08/30/2022	08/30/2022	HEALTH EQUITY	Health Equity Invoice 4153909	1012 - Bank of America Gen'l Ckg	
			HEALTH EQUITY	Health Equity Invoice 4153909	1012 - Bank of America Gen'l Ckg	91.34
TOTAL						<u>91.34</u>
					<b>Total Disbursements:</b>	<b><u><u>1,054,343.42</u></u></b>

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **C. APPLICATION: WATER TRANSACTION (708.3 AF WECWC to City of Upland)**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: September 15, 2022

TO: Advisory Committee Members

SUBJECT: Application: Water Transaction – West End Consolidated Water Company to City of Upland  
(Consent Calendar Item I.C.)

### SUMMARY:

Issue: The purchase of 708.3 acre-feet of water from West End Consolidated Water Company by City of Upland. This purchase is made from West End Consolidated Water Company's Excess Carryover Account. City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares. [Within WM Duties and Powers]

Recommendation: Provide advice and assistance to the Watermaster Board on the proposed transaction.

Financial Impact: None

### Future Consideration

**Advisory Committee – September 15, 2022:** Advice and assistance.

**Watermaster Board – September 22, 2022:** Approval.

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### ACTIONS:

**Appropriative Pool – August 11, 2022:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Non-Agricultural Pool – August 11, 2022:** Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – August 11, 2022:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Advisory Committee – September 15, 2022:**

**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

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 on July 13, 2000. 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 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 June 2, 2022. Notice of the transaction along with the materials submitted by the requestors were transmitted electronically to stakeholders on August 5, 2022.

## DISCUSSION

Beyond confirmation of the source of the water to be transferred (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 analyses 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, we cannot conclude that the proposed water transaction will cause material physical injury to a Party to the Judgment, or to the Chino Basin.

At the Pool Committee meetings held on August 11, 2022, the Appropriative and Overlying (Agricultural) Pools unanimously recommended the Advisory Committee to recommend to the Watermaster Board to approve the proposed transaction; the Overlying (Non-Agricultural) Pool unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

## ATTACHMENTS

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

**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 2021 - 2022**

**DATE REQUESTED:** June 2, 2022

**AMOUNT REQUESTED:** 708.3 Acre-Feet

<p><b>TRANSFER FROM (SELLER / TRANSFEROR):</b></p> <p><u>West End Consolidated Water Company</u> Name of Party</p> <p><u>1370 N. Benson Ave</u> Street Address</p> <p><u>Upland</u>                      <u>CA</u>      <u>91786</u> City                              State      Zip Code</p> <p><u>(909) 291-2931</u> Telephone</p> <p>_____ Facsimile</p>	<p><b>TRANSFER TO (BUYER / TRANSFEREE):</b></p> <p><u>The City of Upland</u> Name of Party</p> <p><u>460 N Euclid Ave</u> Street Address</p> <p><u>Upland</u>                      <u>CA</u>      <u>91786</u> City                              State      Zip Code</p> <p><u>(909) 931-4102</u> Telephone</p> <p>_____ Facsimile</p>
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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 Excess Carry Over \_\_\_\_\_

**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:**

700-1,100 gpm

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:**

Regular Production Wells

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

**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:

Nitrate 56 ppm & DBCP .35 ppb

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

Static Water Level 55 to 610 bgs

**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?

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**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

Braden Yu, General Manager  
\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)

  
\_\_\_\_\_  
Buyer / Transferee Representative Signature

Micheal Blay, City Manager  
\_\_\_\_\_  
Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: August 5, 2022

DATE OF APPROVAL FROM APPROPRIATIVE POOL: August 11, 2022

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: August 11, 2022

DATE OF APPROVAL FROM AGRICULTURAL POOL: August 11, 2022

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

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

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

**CHINO BASIN WATERMASTER**

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

August 5, 2022

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.

**TRANSFER OF WATER**

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is “no material physical injury” and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **June 2, 2022**                      Date of this notice: **August 5, 2022**

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

- Notice of Sale or Transfer – The purchase of 708.3 acre-feet of water from West End Consolidated Water Company by City of Upland. This purchase is made from West End Consolidated Water Company’s Excess Carryover Account. City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

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

Appropriative Pool:	August 11, 2022
Non-Agricultural Pool:	August 11, 2022
Agricultural Pool:	August 11, 2022

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	Tel: (909) 484-3888
9641 San Bernardino Road	Fax: (909) 484-3890
Rancho Cucamonga, CA 91730	

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **D. APPLICATION: WATER TRANSACTION (66.4 AF WECWC to GSWC)**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

DATE: September 15, 2022

TO: Advisory Committee Members

SUBJECT: Application: Water Transaction – West End Consolidated Water Company to Golden State Water Company (Consent Calendar Item I.D.)

### SUMMARY:

Issue: The purchase of 66.4 acre-feet of water from West End Consolidated Water Company by Golden State Water Company. This purchase is made from West End Consolidated Water Company's Annual Production Right. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares. [Within WM Duties and Powers]

Recommendation: Provide advice and assistance to the Watermaster Board on the proposed transaction.

Financial Impact: None

### Future Consideration

**Advisory Committee – September 15, 2022:** Advice and assistance.

**Watermaster Board – September 22, 2022:** Approval.

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### ACTIONS:

**Appropriative Pool – August 11, 2022:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Non-Agricultural Pool – August 11, 2022:** Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – August 11, 2022:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Advisory Committee – September 15, 2022:**

**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

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 on July 13, 2000. 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 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 May 26, 2022. Notice of the transaction along with the materials submitted by the requestors were transmitted electronically to stakeholders on August 5, 2022.

## DISCUSSION

Beyond confirmation of the source of the water to be transferred (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 analyses 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, we cannot conclude that the proposed water transaction will cause material physical injury to a Party to the Judgment, or to the Chino Basin.

At the Pool Committee meetings held on August 11, 2022, the Appropriative and Overlying (Agricultural) Pools unanimously recommended the Advisory Committee to recommend to the Watermaster Board to approve the proposed transaction; the Overlying (Non-Agricultural) Pool unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

## ATTACHMENTS

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

**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 2021 - 2022**

**DATE REQUESTED:** May 26, 2022

**AMOUNT REQUESTED:** 66.4 Acre-Feet

<p><b>TRANSFER FROM (SELLER / TRANSFEROR):</b></p> <p><u>West End Consolidated Water Company</u>                  Name of Party</p> <p><u>1370 North Benson Avenue</u>                  Street Address</p> <p><u>Upland</u>                      <u>CA</u>                      <u>91786</u>                  City                                      State                      Zip Code</p> <p><u>(909) 291-2931</u>                  Telephone</p> <p>_____                  Facsimile</p>	<p><b>TRANSFER TO (BUYER / TRANSFEREE):</b></p> <p><u>Golden State Water Company</u>                  Name of Party</p> <p><u>630 East Foothill Boulevard</u>                  Street Address</p> <p><u>San Dimas</u>                      <u>CA</u>                      <u>91733</u>                  City                                      State                      Zip Code</p> <p><u>(909) 394-3600</u>                  Telephone</p> <p>_____                  Facsimile</p>
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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:**

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:**

Margarita well \_\_\_\_\_

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

**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:

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

**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?

**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

Braden Yu, General Manager  
\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)

  
\_\_\_\_\_  
Buyer / Transferee Representative Signature

Eva G. Tang  
\_\_\_\_\_  
Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: August 5, 2022

DATE OF APPROVAL FROM APPROPRIATIVE POOL: August 11, 2022

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: August 11, 2022

DATE OF APPROVAL FROM AGRICULTURAL POOL: August 11, 2022

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

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

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

**CHINO BASIN WATERMASTER**

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

August 5, 2022

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.

**TRANSFER OF WATER**

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is “no material physical injury” and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **May 26, 2022**

Date of this notice: **August 5, 2022**

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

- Notice of Sale or Transfer – The purchase of 66.4 acre-feet of water from West End Consolidated Water Company by Golden State Water Company. This purchase is made from West End Consolidated Water Company’s Annual Production Right. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.

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

- Appropriative Pool: August 11, 2022
- Non-Agricultural Pool: August 11, 2022
- Agricultural Pool: August 11, 2022

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  
Fax: (909) 484-3890

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **E. APPLICATION: WATER TRANSACTION (440 AF City of Upland to GSWC)**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

**DATE:** September 15, 2022  
**TO:** Advisory Committee Members  
**SUBJECT:** Application: Water Transaction – City of Upland to Golden State Water Company  
(Consent Calendar Item I.E.)

**SUMMARY:**

Issue: The purchase of 440 acre-feet of water from City of Upland by Golden State Water Company. This purchase is made from City of Upland's Annual Production Right. [Within WM Duties and Powers]

Recommendation: Provide advice and assistance to the Watermaster Board on the proposed transaction.

Financial Impact: None

Future Consideration

**Advisory Committee – September 15, 2022:** Advice and assistance.

**Watermaster Board – September 22, 2022:** Approval.

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ACTIONS:

**Appropriative Pool – August 11, 2022:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Non-Agricultural Pool – August 11, 2022:** Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – August 11, 2022:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Advisory Committee – September 15, 2022:**

**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

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 on July 13, 2000. 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 that most of the transactions do not result in material physical injury to a Party to the Judgment or the Basin (Storage and Recover Programs do not have this presumption).

The date of this application is May 27, 2022. Notice of the transaction along with the materials submitted by the requestors were transmitted electronically to stakeholders on August 5, 2022.

## DISCUSSION

Beyond confirmation of the source of the water to be transferred (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 analyses 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, we cannot conclude that the proposed water transaction will cause material physical injury to a Party to the Judgment, or to the Chino Basin.

At the Pool Committee meetings held on August 11, 2022, the Appropriative and Overlying (Agricultural) Pools unanimously recommended the Advisory Committee to recommend to the Watermaster Board to approve the proposed transaction; the Overlying (Non-Agricultural) Pool unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

## ATTACHMENTS

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





**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

<b>IF WATER IS TO BE TRANSFERRED FROM STORAGE:</b>	
Projected Rate of Recapture	Projected Duration of Recapture
<b>METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):</b>	
Pumping	
<b>PLACE OF USE OF WATER TO BE RECAPTURED:</b>	
Margarita well	
<b>LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):</b>	

**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:

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

**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?


\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


**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  
MICHAEL BLAS  
Stephen Parker, City Manager  
\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)

  
\_\_\_\_\_  
Buyer / Transferee Representative Signature  
Eva G. Tang  
\_\_\_\_\_  
Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: August 5, 2022

DATE OF APPROVAL FROM APPROPRIATIVE POOL: August 11, 2022

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: August 11, 2022

DATE OF APPROVAL FROM AGRICULTURAL POOL: August 11, 2022

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

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

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

**CHINO BASIN WATERMASTER**

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

August 5, 2022

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.

**TRANSFER OF WATER**

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is “no material physical injury” and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **May 27, 2022**                      Date of this notice: **August 5, 2022**

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

- Notice of Sale or Transfer – The purchase of 440 acre-feet of water from the City of Upland by Golden State Water Company. This purchase is made from City of Upland’s Annual Production Right.

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

Appropriative Pool:	August 11, 2022
Non-Agricultural Pool:	August 11, 2022
Agricultural Pool:	August 11, 2022

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  
Fax: (909) 484-3890

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### F. OBMP SEMI-ANNUAL STATUS REPORT 2022-1



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, CA 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

DATE: September 15, 2022

TO: Advisory Committee Members

SUBJECT: OBMP Semi-Annual Status Report 2022-1 (Consent Calendar Item I.F.)

### SUMMARY:

Issue: Watermaster produces the Semi-Annual Optimum Basin Management Program (OBMP) Status Reports. The report for the period January to June 2022 has been drafted. [Discretionary Function]

Recommendation: Recommend to the Watermaster Board to adopt the Semi-Annual OBMP Status Report 2022-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Financial Impact: None

### Future Consideration

**Advisory Committee – September 15, 2022:** Advice and assistance

**Watermaster Board – September 22, 2022:** Adoption

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### ACTIONS:

**Appropriate Pool – September 8, 2022:** Unanimously recommended Advisory Committee to recommend Watermaster Board approval.

**Non-Agricultural Pool – September 8, 2022:** Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – September 8, 2022:** Unanimously recommended Advisory Committee to recommend Watermaster Board approval.

**Advisory Committee – September 15, 2022:**

**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

OBMP Semi-Annual Status Report 2022-1 covers the period from January to June 2022. The report describes work conducted, and the status of the nine Program Elements of the Optimum Basin Management Program during the six-month period.

## DISCUSSION

OBMP Semi-Annual Status Report 2022-1 has been drafted (Attachment 1). Once adopted by the Watermaster Board, a copy of the OBMP Semi-Annual Status Report 2022-1 will be filed with the Court.

The item was presented to the three Pool Committees for advice and assistance on September 8, 2022. The Appropriative and Overlying (Agricultural) Pools both unanimously recommended Advisory Committee to recommend to the Watermaster Board to adopt and file with the Court. The Overlying (Non-Agricultural) Pool unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

## ATTACHMENTS

1. OBMP Semi-Annual Status Report 2022-1 (Draft)

# Optimum Basin Management Program

## Staff Status Report 2022-1: January to June 2022



CHINO BASIN WATERMASTER

Optimum Basin Management Program

### Highlighted Activities

- During this reporting period, Watermaster manually measured 300 water levels at about 40 private wells, three monitoring wells, and nine municipal supply wells throughout the Chino Basin, conducted two quarterly download events at about 130 wells containing pressure transducers, collected six groundwater quality samples from three wells, and collected four surface water quality samples from 2 sites.
- Pursuant to a monitoring and mitigation requirement of the Peace II Subsequent Environmental Impact Report (SEIR), Watermaster, the Inland Empire Utilities Agency (IEUA), and the Orange County Water District (OCWD) continued to implement the Prado Basin Habitat Sustainability Program (PBHSP). During this reporting period, Watermaster conducted two quarterly downloads of pressure transducers that measure water levels at the 18 PBHSP monitoring wells and two surface water sites, prepare the annual report on the monitoring and analysis for water year 2021, and developed the PBHSP scope and budget for the fiscal year 2022/23.
- Pursuant to the Chino Basin Subsidence Management Plan, Watermaster continued to implement the Ground-Level Monitoring Program for the MZ-1 and Northwest MZ-1 areas. During this reporting period, Watermaster collected, processed, and checked groundwater level data and aquifer-system deformation data from the Ayala Park, Chino Creek, and Pomona extensometer facilities, continued high-resolution water-level monitoring at about 30 wells within the MZ-1 Managed Area and the Areas of Subsidence Concern, and performed a sensitivity analysis on the calibration of one-dimensional (1D) compaction models, which will be used to explore subsidence management strategies and develop a subsidence management plan for Northwest MZ-1, and performed preliminary work on figures for the 2021/22 Annual Report that characterize the subsidence feature south of the Ontario International Airport.
- Watermaster and the IEUA are continuing to implement the 2013 Amendment to the 2010 Recharge Master Plan Update (2013 RMPU) pursuant to the October 2013 Court Order authorizing its implementation. During this reporting period, construction of the Wineville/Jurupa/RP3 and Lower Day projects continued. The required permits for the Montclair Basins project are being obtained in preparation for the start of construction in fall 2022.
- During this reporting period, Watermaster and the IEUA recharged a total of 10,067 acre-feet of water: 1,975 acre-feet of stormwater, 6,622 acre-feet of recycled water, and 1,470 acre-feet of imported water.
- Watermaster and IEUA are continuing to implement the Maximum Benefit Salinity Management Plan which includes conducting groundwater and surface water monitoring, maintaining Hydraulic Control of the basin, operating the Chino Desalters at 40,000 acre-feet per year of pumping, and managing recycled water quality and recharge. During this reporting period, Watermaster and IEUA submitted 2021 *Maximum Benefit Annual Report* to the Regional Board, continue to work with the Regional Board to finalize a regulatory compliance strategy to support the adoption of a longer-term averaging period for recycled water compliance for incorporation into the Basin Plan, and prepared and submitted to the Regional Board an Updated Plan for *Mitigation of Temporary Loss of Hydraulic Control in the Chino Basin*. Watermaster continued work to implement elements of the 2017 Court Order regarding ongoing improvement of the process to recalculate the Safe Yield. This work includes supplementing the current Safe Yield Reset methodology to address comments received during the 2020 Safe Yield recalculation process and annual data collection to evaluate changes in cultural conditions compared to the data used in the 2020 Safe Yield recalculation. Watermaster completed the first data collection and evaluation process pursuant to the 2017 Court Order. This process resulted in the completion of the *Data Collection and Evaluation Report for Fiscal Year 2020/2021* in May 2022.

### Important Court Hearings and Orders

- **FEBRUARY 4, 2022:**  
HEARING AND ORDER GRANTING WATERMASTER'S MOTION FOR COURT TO RECEIVE AND FILE THE 2020/2021 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE
- **APRIL 8, 2022:**  
HEARING AND ORDER GRANTING ON THE: 1) MOTION FOR COURT APPROVAL OF UPDATE TO WATERMASTER'S RULES AND REGULATIONS; AND 2) MOTION FOR COURT TO RECEIVE AND FILE WATERMASTER'S 44TH ANNUAL REPORT
- **APRIL 22, 2022:**  
HEARING AND ORDER DENYING CITY OF CHINO'S MOTION AND CORRECTED MOTION FOR REIMBURSEMENT OF ATTORNEY'S FEES AND EXPENSES PAID TO THE AGRICULTURAL POOL



# Optimum Basin Management Program

## Program Element 1: Develop and Implement a Comprehensive Monitoring Program

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

### Groundwater Level Monitoring

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

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



Watermaster Field Staff Measuring Groundwater Level at a CDA Well

All groundwater-level data are checked and uploaded to a centralized database management system that can be accessed online through HydroDaVEsm. During this reporting period, Watermaster measured approximately 300 groundwater levels at about 40 private wells, three monitoring wells, and nine municipal supply wells throughout the Chino Basin and conducted two quarterly downloads of 130 pressure transducers installed in private, municipal, and monitoring wells. Additionally, Watermaster compiled all available groundwater-level data from well owners in the basin for the October 2021 to March 2022 period.

### Groundwater Quality Monitoring

Watermaster initiated a comprehensive groundwater-quality monitoring program in which the obtained data may be used for: the biennial *Chino Basin OBMP State of the Basin* report, the triennial re-computation of ambient water quality, the demonstration of Hydraulic Control, monitoring of nonpoint-source groundwater contaminations and plumes associated with point-source contamination, and assessing the overall health of the groundwater basin. Groundwater-quality data are also used in conjunction with numerical models to assist Watermaster and other parties in evaluating proposed salinity management and groundwater remediation strategies. The details of the groundwater-quality monitoring programs as of fiscal year 2021/22 are described below.

**Chino Basin Data Collection (CBDC).** Watermaster routinely and proactively collects groundwater-quality data from well owners including municipal and governmental agencies. Groundwater quality data are also obtained from special studies and monitoring required by orders of the Santa Ana Regional Water Quality Control Board (Regional Board)—such as for landfills and other groundwater quality investigations, the DTSC, the US Geological Survey (USGS), and others. These data are collected semi-annually from well owners and monitoring entities. Data are collected for approximately 860 wells as part of the CBDC program. During this reporting period, Watermaster compiled data collected for the CBDC program for the July to December 2021 period.

# Optimum Basin Management Program

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

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

1. *Private Wells.* About 80 private wells, located predominantly in the southern portion of the basin, are sampled at various frequencies based on their proximity to known point-source contamination plumes. Seven wells near contaminant plumes are sampled annually, and the remaining 73 wells are sampled triennially.
2. *Watermaster Monitoring Wells.* Watermaster collects groundwater-quality samples from a total of 49 multi-nested monitoring wells at 22 well sites located throughout the Chino Basin. These monitoring well sites include: nine HCMP sites constructed to support the demonstration of Hydraulic Control in the southern Chino Basin, nine sites constructed to support the PBHSP in the Prado Basin region, and three sites that fill spatial data gaps near contamination plumes in MZ-3. Each nested well site contains up to four wells in the borehole. Additionally, Watermaster samples one single-casing well in MZ-3. Currently, the HCMP and MZ-3 wells are sampled annually, and the PBHSP wells are sampled triennially.
3. *Other Wells.* Watermaster collects quarterly samples from four near-river wells to characterize the interaction of the Santa Ana River and groundwater. These shallow wells along the Santa Ana River consist of two former USGS National Water Quality Assessment Program wells (Archibald 1 and Archibald 2) and two Santa Ana River Water Company (SARWC) wells (active Well 9 and inactive Well 10).

During this reporting period, Watermaster collected groundwater quality samples from three near river wells that are sampled quarterly. The samples were sent to Eurofins Eaton Analytical Laboratory for analysis. All groundwater quality data are checked by Watermaster staff and uploaded to a centralized database management system that can be accessed online through HydroDaVE<sup>sm</sup>. Also during this reporting period, Watermaster worked with the SARWC to convert the near-river SARWC well 10 into a monitoring well to replace SARWC well 11 that was destroyed during the last reporting period in late 2021.

### Groundwater Production Monitoring

As of the end of this reporting period, there were a total of 454 producing wells, 249 of which were for agricultural uses. The number of agricultural wells has been decreasing in recent years due to urbanization and development. Many of the remaining active agricultural production wells are metered, and Watermaster reads the meters on a quarterly basis. Meter reads and production data are then entered into Watermaster's relational database, which can be accessed online through HydroDaVE<sup>sm</sup>.

### Surface Water Monitoring in the Santa Ana River

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

### Prado Basin Habitat Sustainability Program (PBHSP)

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



Watermaster Staff Taking a Meter Read from an Ag Meter

# Optimum Basin Management Program

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

During this reporting period, Watermaster performed the following tasks:

- Conducted the groundwater monitoring program, which included quarterly downloads in March and June 2022 of transducers that measure groundwater levels at 14 PBHSP monitoring wells, and transducers that measure electrical conductivity (EC), temperature, and level at four PHBSP monitoring wells in two locations.
- Conducted the surface-water monitoring program at two surface water sites, which included quarterly downloads in March and June 2022 of transducers that measure EC, temperature, and level.
- Prepared a memorandum titled: *Recommended Scope and Budget of the Prado Basin Habitat Sustainability Program for Fiscal Year 2022/23*. This memorandum was used by Watermaster and the IEUA to develop and approve their respective fiscal year 2022/23 budgets.
- Prepared the sixth annual report: *Annual Report of the Prado Basin Habitat Sustainability Committee for Water Year 2021*. The main conclusions of the annual report was that the quality of the riparian habitat remained stable or experienced a minor change in greenness across most of the Prado Basin from 2020-2021 and at the same time the area experienced below average precipitation and discharge in the creeks, and slightly lower temperatures. Groundwater levels have remained relatively stable and within their historical range of short-term and long-term variability in the Prado Basin, except where there are some notable decreases since monitoring began in 2016 by about five feet near the top of Mill Creek, and two feet near the northern portion of the Santa Ana River. No mitigation measures are proposed at this time.
- Conducted two meetings of the PBHSC:
  - On March 9, 2022 to present the Recommended Scope and Budget of the PBHSP for fiscal year 2022/23.
  - On May 11, 2022 to present the draft Annual Report of the PBHSC for water year 2021.

### Chino Basin Groundwater Recharge Monitoring Program

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

Watermaster and the IEUA measure the quantity of storm, imported, and recycled water that enters recharge basins using pressure transducers or staff gauges. The IEUA also conducts water-quality monitoring for all required parameters in Order No. R8-2007-0039 for recycled water, diluent water (storm water, dry-weather flow, and imported water), and groundwater. The IEUA staff samples for recycled water quality data: daily and weekly for the RP-1 and RP-4 effluent; quarterly and annually at two recycled water locations representative of recharge quality; and weekly or monthly from lysimeters at recharge basins. Most of the recycled water recharge basins have alternative compliance plans for total organic carbon (TOC) and Total Nitrogen (TN) using the results from the recycled water samples and the application of a correction factor for soil aquifer treatment. The IEUA also collects samples at about 15 surface water locations for stormwater and dry-weather flows. Imported water quality data for State Water Project water are obtained from the Metropolitan Water District of Southern California (MWDSC). The flow and quality data is used to calculate: 120-month blended water quality for total dissolved solids (TDS) and nitrate of all recharge sources in each recharge basin to assess adequate dilution of recycled water as required by the recycled water recharge permits held with the Division of Drinking Water (DDW); and 5-year blended water quality for TDS and nitrate for all recharge sources in all recharge basins in the Chino Basin as required by the Maximum Benefit Salinity Management Plan (see the Program Element 7 update in this status report).

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

**Monitoring Activities.** During this reporting period, the IEUA performed its ongoing monitoring program to measure and record recharge volumes and to collect water quality samples for recycled water, diluent water, and groundwater pursuant to IEUA and Watermaster's permit requirements. This included collecting approximately 110 recycled water quality samples, 35 lysimeter samples, 7 diluent water quality samples, and 74 groundwater quality samples for analytical analyses. Daily composite water quality data was also collected at the RP-1 and RP-4 effluent.

# Optimum Basin Management Program

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

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

- 4Q-2021 Quarterly Report, which was submitted to the Regional Board on February 15, 2022
- 1Q-2022 Quarterly Report, which was submitted to the Regional Board on May 15, 2022
- 2021 Annual Report, which was submitted to the Regional Board on May 1, 2022

### Ground Level Monitoring

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

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

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

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

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

- Continued high-resolution water-level monitoring at approximately 30 wells within the MZ-1 Managed Area and within the Areas of Subsidence Concern. All monitoring equipment was inspected at least quarterly and was repaired and/or replaced as necessary. The data collected were checked and analyzed to assess the functionality of the monitoring equipment and for compliance with the Chino Basin Subsidence Management Plan.
- Performed monthly routine maintenance, data collection, and verification at the Ayala Park and Chino Creek extensometer facilities.

# Optimum Basin Management Program

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

- Continued implementation of the Work Plan:
  - Collected, processed, and checked groundwater level data and production data from wells in Northwest MZ-1 on a monthly basis.
  - Collected, processed, and checked groundwater level data and aquifer-system deformation data from the Pomona extensometer facility (PX).
  - At the request of the Ground Level Monitoring Committee (GLMC), performed a sensitivity analysis on the calibration of one-dimensional (1D) compaction models that simulate aquifer-system deformation at the MVWD-28 and PX locations. The calibration results were used to estimate the hydraulic and mechanical properties of the aquifer-system and the pre-consolidation stress(es). The 1D compaction models will be used in FY 2022/23 to explore subsidence management strategies in Northwest MZ-1 and develop a subsidence management plan for Northwest MZ-1.

## Program Element 2: Develop and Implement a Comprehensive Recharge Program

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

Pursuant to Program Element 2 of the OBMP, Watermaster and the IEUA partnered with the San Bernardino County Flood Control District and the Chino Basin Water Conservation District to construct and/or improve 18 recharge sites. This project is known as the Chino Basin Facilities Improvement Project (CBFIP). The average annual stormwater recharge of the CBFIP facilities is approximately 10,000 acre-feet per year, the supplemental "wet"<sup>1</sup> water recharge capacity is about 56,600 acre-feet per year, and the in-lieu supplemental water recharge capacity ranges from 17,700 to 49,900 acre-feet per year. In addition to the CBFIP facilities, the Monte Vista Water District has five ASR wells with a demonstrated well injection capacity of 5,500 acre-feet per year. The current total supplemental water recharge capacity ranges from 90,310 to 118,310 acre-feet per year, which is greater than the projected supplemental water recharge capacity required by Watermaster.

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

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

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

In September 2018, Watermaster completed the 2018 Recharge Master Plan Update (2018 RMPU) and submitted it to the Court in October 2018. On December 28, 2018, the Court approved the 2018 RMPU. The next Recharge Master Plan Update will be completed no later than October 2023.

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

# Optimum Basin Management Program

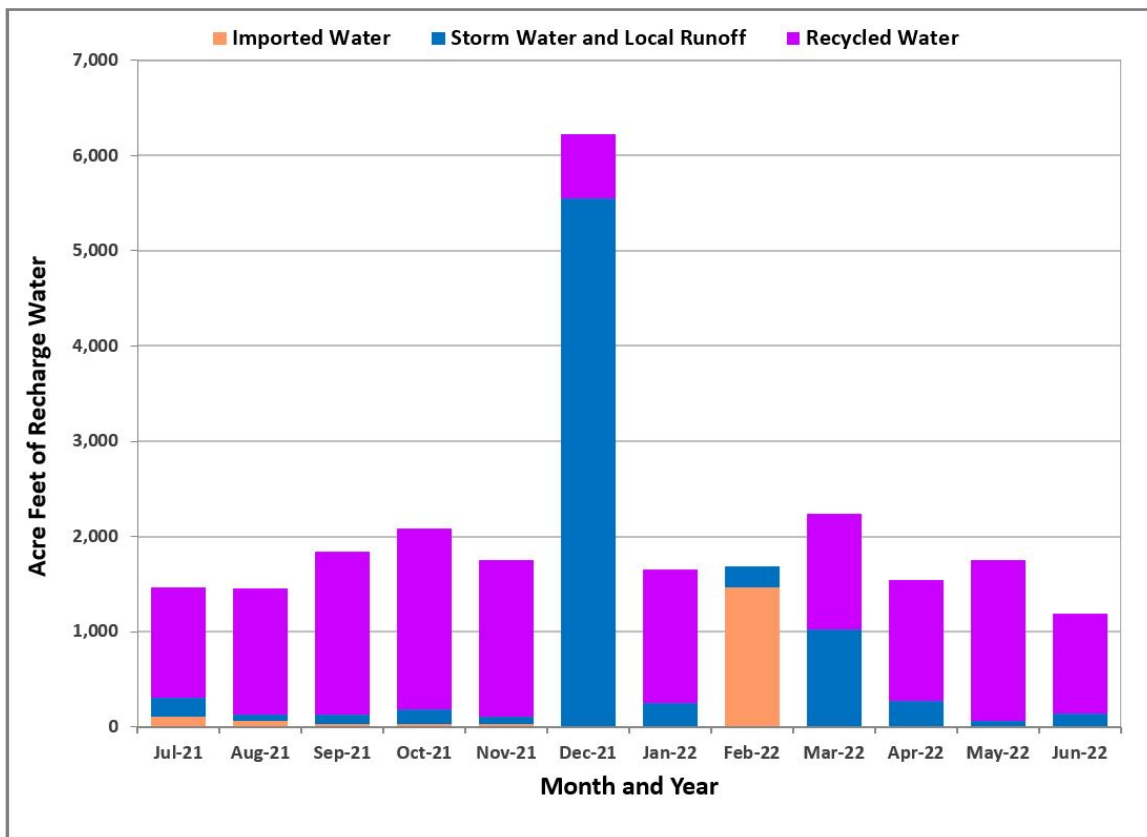
## Program Element 2: Develop and Implement a Comprehensive Recharge Program (Continued)

**2013 RMPU Implementation.** Watermaster and the IEUA are continuing to carry out the October 2013 Court Order, which authorizes them to implement the 2013 RMPU. Construction of the San Sevaine Basin improvements was completed in September 2018 and the construction of the Victoria Basin improvements was completed in December 2018. During this reporting period, the construction work for the Wineville/Jurupa/RP3 and Lower Day projects continued. The Lower Day project is near completion. The required permits are being obtained for the Montclair Basins project and construction is expected to start in fall 2022.

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

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

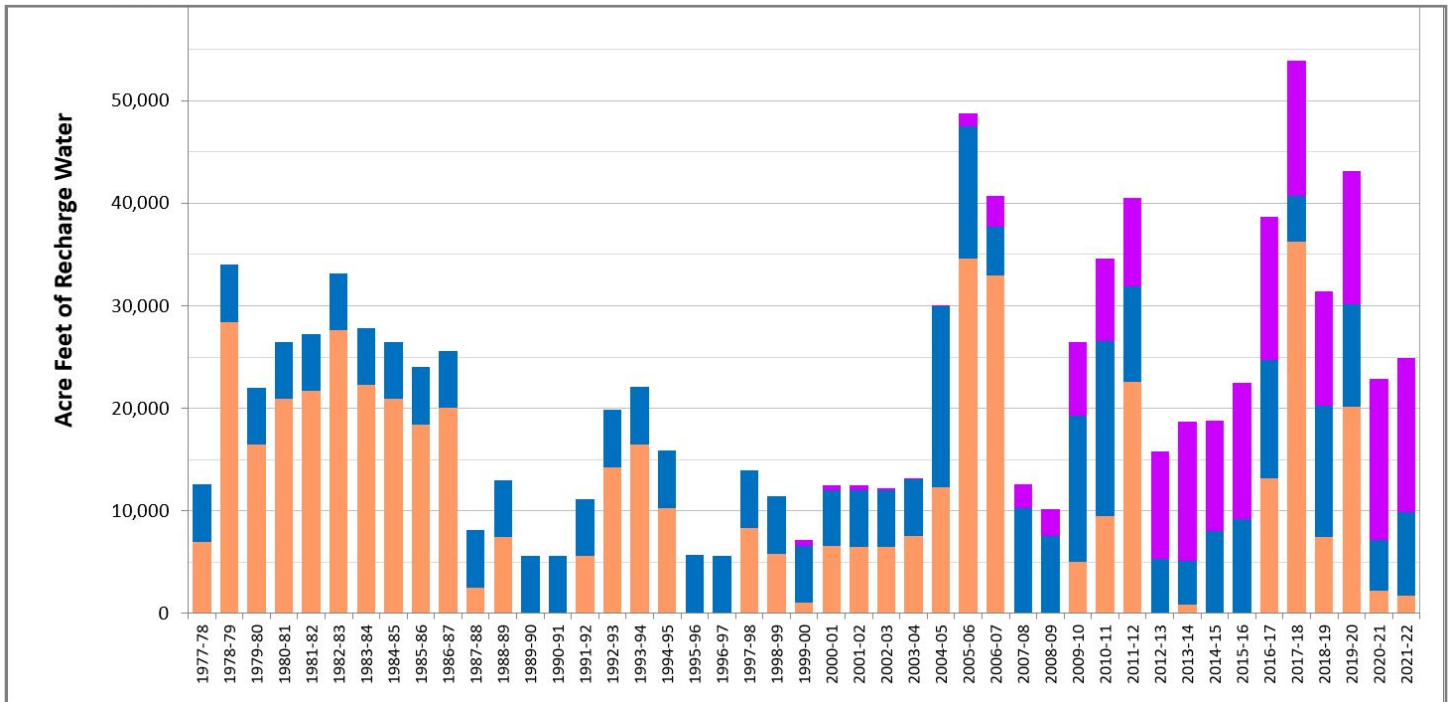
**Recharge for Dilution of Recycled Water.** In fiscal year 2009/10, Watermaster and the IEUA's recycled water recharge permit was amended to allow for existing underflow dilution and extended the period for calculating dilution from a running 60-month to a running 120-month period. Additionally, the IEUA has worked with the DDW to obtain approval to increase the allowable recycled water contribution (RWC) at wells to 50 percent. These permit amendments allow for increased recycled water recharge without having to increase the amount of imported and storm waters required for dilution. The IEUA projects its dilution requirements as part of its annual reporting to the Regional Board. Based on the latest Annual Report (May 2022), the IEUA projects that dilution requirements will be met through 2031 even if no imported water is available for dilution.



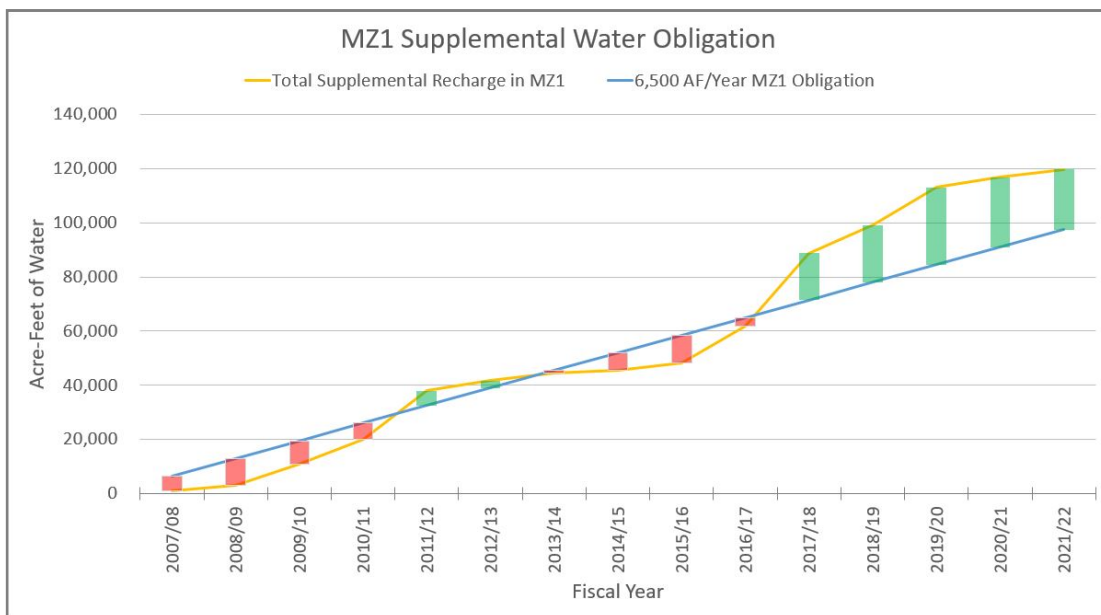
**Recharge Activities.** During this reporting period, ongoing recycled water recharge occurred in the Brooks, 7th Street, 8th Street, Ely, Turner, Victoria, San Sevaine, Hickory, Banana, RP-3, and Declaz Basins; stormwater was recharged at 18 recharge basins across all Chino Basin management zones; and imported water was recharged at Brooks, 7th Street, 8th Street, Turner, Victoria, San Sevaine, Hickory, Banana, and RP-3 Basins. From January 1 through June 30, 2022, Watermaster and the IEUA recharged a total of 10,067 acre-feet of water: 1,975 acre-feet of stormwater, 6,622 acre-feet of recycled water, and 1,470 acre-feet of imported water.

# Optimum Basin Management Program

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



**Balance of Recharge and Discharge in MZ-1.** The total amount of supplemental water recharged in MZ-1 since the Peace II Agreement through June 30, 2022 was approximately 119,692 acre-feet, which is about 22,192 acre-feet more than the 97,500 acre-feet required by June 30, 2022 (annual requirement of 6,500 acre-feet). The amount of supplemental water recharged into MZ-1 during the reporting period was approximately 1,354 acre-feet.



# Optimum Basin Management Program

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

As stated in the OBMP, “the goal of Program Elements 3 and 5 is to develop a regional, long range, cost effective, equitable, water supply plan for producers in the Chino Basin that incorporates sound basin management.” One element of the water supply plan is the development of a way to replace the decline in agricultural groundwater production to prevent significant amounts of degraded groundwater from discharging to the Santa Ana River and violating the Basin Plan. Replacing the decline in agricultural groundwater production will mitigate the reduction of the Safe Yield of the basin and allow for more flexibility in the basin’s supplemental water supplies if the produced groundwater is treated. This is achieved through the operation of the Chino Basin Desalter facilities, which comprise a series of wells and treatment facilities in the southern Chino Basin that are designed to replace the decline of the agricultural groundwater producers and to treat and serve this groundwater to various Appropriate Pool members.

The Chino I Desalter expansion and the Chino II Desalter facilities were completed in February 2006, bringing the total Chino Basin Desalter capacity to 29 million gallons per day (MGD) (32,480 acre-feet per year). Development and planning continued between the Chino Desalter Authority (CDA) and Watermaster to expand the production and treatment capacity of the Chino Basin Desalter by about 10 MGD. More than \$77 million in grant funds were secured toward this expansion. As currently configured, the Chino I Desalter produces about 15,500 acre-feet of groundwater per year (13.8 MGD) at 14 wells (I-1 through I-11, and I-13 through I-15). This water is treated through air stripping (volatile organic compound [VOC] removal), ion exchange (nitrate removal), and/or reverse osmosis (for nitrate and TDS removal). The Chino II Desalter produces about 24,500 acre-feet of groundwater per year (21.8 MGD) at eleven wells (II-1 through II-4 and II-6 through II-12). This water is treated through ion exchange and/or reverse osmosis.

The most recently completed expansion project included adding three wells (Wells II-10, II-11, and II-12) to Chino II Desalter. These wells provide additional raw water to the Chino II Desalter to meet the maximum-benefit commitment to produce a total of 40,000 acre-feet per year from the combined desalter well fields. These wells will also be utilized as part of the remediation action plan to clean up the South Archibald Plume (see the Program Element 6 update in this status report). Construction of wells II-10 and II-11 was completed in late 2015, equipping of the wells was completed in August 2018, and production at the wells commenced soon after.

Construction of well II-12 was completed in November 2020. And in August 2021 construction of the dedicated pipeline to convey groundwater from wells II-12, II-10, II-11, and I-11 to the Chino II Desalter was completed and well II-12 began pumping. The Chino Basin Desalters reached the 40,000 acre-feet per year of pumping capacity in June 2020, prior to the commencement of pumping at well II-12.

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

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

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

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

The MZ-1 Plan states that if data from existing monitoring efforts in the so-called Areas of Subsidence Concern indicate the potential for adverse impacts due to subsidence, Watermaster will revise the MZ-1 Plan pursuant to the process outlined in Section 3 of the MZ-1 Plan. In early 2015, Watermaster prepared an update to the MZ-1 Plan, which included a name change to the 2015 Chino



# Optimum Basin Management Program

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

*Basin Subsidence Management Plan*, and a *Work Plan to Develop the Subsidence Management Plan for Northwest MZ-1* (Work Plan) as an appendix. The Chino Basin Subsidence Management Plan and the Work Plan were adopted through the Watermaster Pool process in July 2015.

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

- Performed preliminary work on figures for: 2021/22 Annual Report of the Ground-Level Monitoring Committee. This included work to characterize the subsidence feature south of the Ontario International Airport.

One GLMC meeting was conducted during the reporting period on March 3, 2022. The meeting agenda included:

- Recommended Scope and Budget of the Ground-Level Monitoring Committee for FY 2022/23.

The GLMC approved the recommended scope and budget which supported the Watermaster's budgeting process for FY 2022/23.

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

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

### *South Archibald Plume*

In July 2005, the Regional Board prepared draft Cleanup and Abatement Orders (CAOs) for six parties who were tenants on the Ontario Airport regarding the South Archibald Trichloroethene (TCE) Plume in the southern portion of the Chino Basin. The draft CAOs required the parties to "submit a work plan and time schedule to further define the lateral and vertical extent of the TCE and related VOCs that are discharging, have been discharged, or threaten to be discharged from the site" and to "submit a detailed remedial action plan, including an implementation schedule, to cleanup or abate the effects of the TCE and related VOCs." Four of the six parties (Aerojet-General Corporation, The Boeing Company, General Electric, and Lockheed Martin) voluntarily formed a group known as ABGL to work jointly on a remedial investigation. Northrop Grumman declined to participate in the group. The US Air Force, in cooperation with the US Army Corps of Engineers, funded the installation of one of the four clusters of monitoring wells installed by the ABGL Parties.

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

Under the Regional Board's oversight, the ABGL Parties and/or the RP-1 Parties conducted sampling four sample events at private residential wells and taps between 2007 and 2014 in the region where groundwater is potentially contaminated with TCE. By 2014, all private wells and/or taps in the region of the plume had been sampled at least once. Alternative water systems (tanks) have been

# Optimum Basin Management Program

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

installed at residences in the area where well or tap water contains TCE at or above 80 percent of the MCL for TCE. Residents who declined tank systems are being provided bottled water. Watermaster also samples for water quality at private wells in the area and uses this and other data obtained from its data collection programs to independently delineate the spatial extent of the plume. Watermaster completed its most recent characterization of the plume in June 2021 for the *2020 Chino Basin OBMP State of the Basin Report*. In April of this reporting period, Watermaster prepared a semi-annual status report on the South Archibald Plume for Watermaster Parties.

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

The plume remediation alternative involves the use of CDA production wells and facilities. The RP-1 Parties reached a Joint Facility Development Agreement with the CDA for the implementation of a project designed in part to remediate the South Archibald Plume. The project, termed the Chino Basin Improvement and Groundwater Clean-up Project, includes the operation of three newly constructed CDA wells (II-10, II-11, and II-12) and a dedicated pipeline connecting the three wells and the existing CDA well I-11 to the Desalter II treatment facility. Construction of two of the three wells (II-10 and II-11) were completed and became operational in 2018. The construction of well II-12 was completed in November 2020. In the first half of 2021, the RP-1 Parties and the CDA submitted the final *Monitoring and Reporting Plan for the Chino Basin Improvement and Groundwater Clean-up Project* to the Regional Board and completed the construction of five multi-depth monitoring wells at two locations in the South Archibald Plume (II-MW-4 and II-MW-5). In the second half of 2021, the CDA completed the equipping of well II-12, the modification to the decarbonator, and the construction of the raw water pipeline, and the project became operational in August of 2021.

The domestic water supply alternative for the private residences affected by TCE groundwater contamination is a hybrid between the installation of tank systems for some residences, where water is delivered from the City of Ontario potable supply via truck deliveries, and the installation of a temporary pipeline to connect some residences to the City of Ontario potable water system. The Cities of Ontario and Upland have assumed responsibility for implementing the domestic water supply alternative. In February 2017, the Cities of Ontario and Upland submitted the Domestic Water Supply Work Plan to the Regional Board to outline the approach to monitoring and supplying alternative water supplies for affected residences. The City of Ontario has conducted six annual water supply sampling events at private residences pursuant to the Domestic Water Supply Plan and prepared annual monitoring reports of the results. The most recent annual monitoring occurred in October and November 2021 and the annual report was submitted to the Regional Board in December 2021.

### Chino Airport Plume

In 1990, the Regional Board issued CAO No. 90-134 to the County of San Bernardino, Department of Airports (County) to address groundwater contamination originating from Chino Airport. During 1991 to 1992, ten underground storage tanks and 310 containers of hazardous waste were removed, and 81 soil borings were drilled and sampled on the airport property. From 2003 to 2005, nine onsite monitoring wells were installed and used to collect groundwater quality samples. In 2007, the County conducted its first offsite monitoring effort, and in 2008, the Regional Board issued CAO No. R8-2008-0064, requiring the County to define the lateral and vertical extent of the plume and prepare a remedial action plan. From 2009 to 2012, Tetra Tech, consultant to the County, conducted several off-site plume characterization studies to delineate the areal and vertical extent of the plume and constructed 33 offsite monitoring wells. From 2013 to early-2015, Tetra Tech conducted an extensive investigation of several areas identified for additional characterization of soil and groundwater contamination. At the conclusion of this work, they constructed an additional 33 groundwater monitoring wells on and adjacent to the airport property. In August 2016, the County completed a Draft Feasibility Study to identify remedial action objectives and evaluate remediation alternatives for mitigation. In January 2017, the Regional Board issued CAO R8-2017-0011, which requires the County to prepare a Final Feasibility Study that incorporates comments from the Regional Board and to prepare, submit, and implement a Remedial Action Plan. The County submitted a Final Feasibility Study for Chino Airport on June 6, 2017, and it was approved by the Regional Board on June 7, 2017. On December 18, 2017, the County submitted the *Draft Interim Remedial Action Plan* for public review and comment through April 2018. The preferred remediation alternative is a groundwater pump-and-treat system to provide hydraulic containment and treatment of both the West and the East Plumes,

# Optimum Basin Management Program

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

originating from Chino Airport. The system consists of ten extraction wells that combined will produce approximately 900 gallons per minute of groundwater for treatment using granular activated carbon (GAC). The system will also treat groundwater from CDA wells I-1 through I-4 and I-16 through I-18. Once treated, the preferred option is to discharge the treated groundwater to the CDA's Chino I Desalter influent pipeline via a newly constructed pipeline. Currently the County is in discussions with the CDA to discharge the treated water from the extraction system to the CDA's influent pipeline.

In late 2018, Watermaster used the Chino Basin groundwater flow model to analyze how increased groundwater production for the remedial solution from the ten new County well clusters and CDA wells will affect groundwater levels within the vicinity. Watermaster has commitments to this area to maintain Hydraulic Control and to avoid impacts to the groundwater dependent habitat in the Prado Basin. Watermaster completed the modeling and prepared a technical memorandum to describe the results, which concluded operation of the remedial solution would improve Hydraulic Control in this area.

In 2018, the County constructed five extraction wells and 12 nearby piezometers and conducted aquifer pumping tests at these wells. In 2019 and 2020, the County constructed 14 new monitoring wells at six locations to assist with the delineation of the plume. In May 2021, the County submitted the *Work Plan for Installation of Piezometers for Riparian Area Monitoring* for six piezometers at four locations to monitoring the groundwater levels near riparian habitat along Chino Creek to monitor the impact of Chino Airport groundwater remedial solution on groundwater elevations near riparian habitat in the area. During this reporting period, the County completed construction of six wells for monitoring potential impacts to the riparian habitat and initiated monitoring. The County began preparing the draft *Remedial Action Work Plan* which will be submitted to the Regional Board in the second half of 2022.

The County conducts quarterly and/or annual monitoring events at all 89 of their monitoring wells constructed to date. The conclusions from this monitoring program can be found in reports posted on the Regional Board's GeoTracker website. Watermaster also samples for water quality at private and monitoring wells in the area and uses this and other data obtained from its data collection programs to independently delineate the spatial extent of the plume. Watermaster completed its most recent characterization of the plume in June 2021 for the *2020 Chino Basin OBMP State of the Basin Report*. In April of this reporting period, Watermaster prepared a semi-annual status report on the Chino Airport Plume for Watermaster Parties. And, the County submitted, to the Regional Board, a *Semiannual Groundwater Monitoring Report Summer and Fall 2021 Chino Airport Groundwater Assessment, San Bernardino County, California*.

### Other Water Quality Issues

Watermaster continues to track the monitoring programs and mitigation measures associated with other point sources in the Chino Basin, including: Alumax Aluminum Recycling, Alger Manufacturing Facility, the Former Crown Coach Facility, General Electric Test Cell and Flatiron, Former Kaiser Steel Mill, Milliken Landfill, Upland Landfill, and the Stringfellow National Priorities List sites. Watermaster prepared the most recent annual status reports in October 2021 for the GE Test Cell, GE Flatiron, Milliken Landfill, California Institution for Men, Stringfellow Plumes, and the former Kaiser Steel Mill site.

Watermaster completed the most current delineations of the extent of the VOC plumes in June 2021 for the GE Test Cell, GE Flatiron, Milliken Landfill, and so-called Pomona VOC Plumes as part of the *2020 Chino Basin OBMP State of the Basin Report*.

## Program Element 7: Develop and Implement a Salt Management Program

### Maximum Benefit Salinity Management Plan

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

1. The implementation of a surface water monitoring program.
2. The implementation of a groundwater monitoring program.

# Optimum Basin Management Program

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

1. The expansion of the Chino I Desalter to a capacity of 10 MGD and the construction of the Chino II Desalter with a design capacity of 10 MGD.
2. The additional expansion of desalter capacity (to 40 MGD) pursuant to the OBMP and the Peace Agreement (tied to the IEUA's agency-wide effluent concentration).
3. The completion of the recharge facilities included in the Chino Basin Facilities Improvement Program.
4. The management of recycled water quality to ensure that the IEUA agency-wide, 12-month volume-weighted running average TDS and TIN concentrations do not exceed 550 mg/l and 8 mg/l, respectively.
5. The management of basin-wide, volume-weighted TDS and nitrogen concentrations in artificial recharge to less than or equal to the maximum-benefit objectives of 420 mg/l and 5 mg/l, respectively, on a five-year volume-weighted basis.
6. The achievement and maintenance of the "Hydraulic Control" of groundwater outflow from the Chino Basin, specifically from Chino-North GMZ, to protect Santa Ana River water quality and downstream beneficial uses.
7. The determination of ambient TDS and nitrate concentrations of Chino Basin groundwater every three years.

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

**Hydraulic Control and Chino Basin Desalters.** Pursuant to maximum-benefit commitment number 8, to achieve and maintain Hydraulic Control, Watermaster and the IEUA constructed desalter wells and expanded the desalter capacity (maximum-benefit commitments numbers 3 and 4) to increase desalter production in the southern portion of the Chino Basin. The Chino Basin Desalters are designed to replace the diminishing agricultural production that previously prevented the outflow of high TDS and nitrate groundwater to the Santa Ana River and the Prado Basin surface water management zone (PBMZ). Hydraulic Control is defined by the Basin Plan as the elimination of groundwater discharge from the Chino-North GMZ to the Santa Ana River to a *de minimis* level. Pursuant to commitment number 8, Watermaster and the IEUA submitted a mitigation plan (2005 Mitigation Plan) to the Regional Board in March 2005. This plan demonstrated how Watermaster and the IEUA would address the mitigation for any temporary loss of hydraulic control. In October 2011, the Regional Board defined the *de minimis* discharge of groundwater from the Chino-North GMZ to the PBMZ as 1,000 acre-feet per year or less. Watermaster and the IEUA have demonstrated that complete Hydraulic Control has been achieved at and east of Chino I Desalter Well 20. The construction and operation of the CCWF (see Program Element 5), which began in 2010, is intended to achieve Hydraulic Control, per the definition above, at the area west of Chino I Desalter Well 5. Watermaster and the IEUA recalibrate the Chino Basin groundwater-flow model every five years to estimate groundwater discharge from the Chino-North GMZ to the PBMZ (i.e., annual underflow past the CCWF) to determine whether Hydraulic Control has been achieved.

In February 2016, the CCWF commenced full-scale operation with production at wells I-16, I-17, I-20, and I-21 to achieve and maintain Hydraulic Control at the area west of Chino I Desalter Well 5. Production at the CCWF has decreased since 2017 as a result of the new maximum contaminant level (MCL) for 1,2,3-TCP, which required the temporary cessation of operation at Well I-17. In 2020, the Chino Basin groundwater-flow model was used to estimate the historical (fiscal year 2004-2018) and projected (fiscal year

# Optimum Basin Management Program

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

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

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

During this reporting period, Watermaster prepared an update to the 2005 Mitigation Plan to formally update (i) plan and schedule for the mitigation of any temporary loss of Hydraulic Control, (ii) definition of the required minimum pumping at the CCWF to maintain outflows from the Chino-North GMZ to the PBMZ to de minimis level, and (iii) definition of operational flexibility around the 40,000 acre-feet per year requirement for the aggregate pumping at the CDA facilities. The updated mitigation plan was submitted to the Regional Board on June 21, 2022.

**Recycled Water Recharge.** Pursuant to the maximum-benefit commitment number 5, Watermaster and the IEUA completed the construction of the recharge facilities and began artificial recharge of stormwater and recycled water in the Chino Basin in 2005. Additionally, pursuant to maximum-benefit commitment number 7, Watermaster and the IEUA limit recycled water for artificial recharge to the amount that can be blended on a volume-weighted basis with other sources of recharge to achieve five-year running average concentrations of no more than the maximum-benefit objectives (420 mg/l for TDS and 5 mg/l for nitrate). This data is compiled and analyzed in April of each year for reporting to the Regional Board. During this reporting period, Watermaster and the IEUA continued their monitoring programs to collect the data required for analysis and reporting to the Regional Board. Since recycled water recharge began in July 2005, the five-year volume-weighted running average TDS and nitrate concentrations have never exceeded the maximum-benefit objectives. As of December 2021, the five-year volume-weighted running average TDS and nitrate concentrations of these three recharge sources were 264 and 1.5 mg/l, respectively.

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

Since the initiation of recycled water recharge in July 2005, the 12-month running average TDS and TIN concentrations have ranged between 456 and 534 mg/l and 3.8 and 7.6 mg/l, respectively, and have never exceeded the permit limits. During the statewide drought in mid-2015, a historical high 12-month running average IEUA agency-wide effluent TDS concentration of 534 mg/l was calculated for three consecutive months: June, July, and August. This 12-month running average IEUA agency-wide effluent TDS concentration of 534 mg/l was only 11 mg/l below the action limit. The 12-month running average agency-wide TDS concentration has decreased since mid-2015. As of December 2021, the 12-month running average IEUA agency-wide effluent TDS concentration was 494 mg/l.



Recycled Water Being Discharged Into 8th Street Basin for Recharge

# Optimum Basin Management Program

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

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

- Develop numerical modeling tools (R4, Hydrus 2D, MODFLOW, MT3D) to evaluate the projected TDS and nitrate concentrations of the Chino Basin.
- Define a baseline (status-quo) scenario and evaluate it with the new modeling tools.
- Define salinity management planning scenarios and evaluate them with the new modeling tools to compare the projected TDS and nitrate concentrations against the baseline scenario.
- Use the results to develop a draft regulatory compliance strategy that includes a longer-term average period for recycled water TDS concentrations.
- Collaborate with the Regional Board to review and finalize the regulatory strategy.
- Support the Regional Board in the preparation of a Basin Plan amendment upon approval of the regulatory strategy.

Watermaster and the IEUA began implementing the scope of work in July 2017 and have been working collaboratively with Regional Board staff to review interim work products and address new technical questions that have arisen. In December 2021, Watermaster and the IEUA completed and submitted the documentation of the technical work, *Total Dissolved Solids and Nitrate Concentrations Projections for the Chino Basin*, to the Regional Board.

During this reporting period, Watermaster and the IEUA continue to work with the Regional Board to finalize a regulatory compliance strategy based on the projection results.

**Ambient Groundwater Quality.** Pursuant to the maximum-benefit commitment number 9, Watermaster and the IEUA recompute ambient TDS and nitrate concentrations for the Chino Basin and Cucamonga GMZs every three years (due by June 30). The re-computation of ambient water quality is performed for the entire Santa Ana River Watershed, and the technical work is contracted, managed, and directed by the Santa Ana Watershed Project Authority's (SAWPA) Basin Monitoring Program Task Force (Task Force). Watermaster and the IEUA have participated in each triennial, watershed-wide ambient water quality determination as members of the Task Force. The most recent recomputation covering the 20-year period from 1999 to 2018 was completed in July 2020.

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

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

The existing Watermaster/IEUA/MWDSC/Three Valleys Municipal Water District Dry-Year Yield (DYY) program is the only Storage and Recovery Program that is being implemented in the Chino Basin. By April 30, 2011, all DYY program construction projects and a full "put" and "take" cycle had been completed, leaving the DYY storage account with a zero balance. Another DYY cycle began in June 2017. During this past year, there have been several "takes" that have yet to be certified. If and when they are certified, the DYY storage account balance will be zero acre-feet as of June 30, 2022, completing this DYY cycle.

# Optimum Basin Management Program

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

### Safe Yield Recalculation

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

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

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

The 2017 Court Order requires that the Safe Yield be reevaluated again no later than June 30, 2025 and provides support for the ongoing improvement of the process to recalculate the Safe Yield. More specifically, the 2017 Court Order: 1) allows for supplementation of the current Safe Yield Reset methodology and 2) requires annual collection and evaluation of data regarding cultural conditions of the Chino Basin. The annual data collection and evaluation process includes determining whether "there has been or will be a material change from existing and projected conditions or threatened undesirable results" as compared to the conditions evaluated in the current Safe Yield recalculation study. If evaluation of the data suggests that any of these criteria are met, then Watermaster's Engineer is required to undertake "a more significant evaluation" to model the impacts of the existing and projected cultural conditions on the Chino Basin. During the reporting period, Watermaster's Engineer continued work to supplement the current Safe Yield Reset methodology to address comments received during the peer review process of the 2020 Safe Yield recalculation regarding uncertainty in the groundwater model and the data used in future projections. Watermaster's Engineer also completed the first data collection and evaluation process pursuant to the 2017 Court Order. This process resulted in the completion of the *Data Collection and Evaluation Report for Fiscal Year 2020/2021* in May 2022.

### Groundwater Storage Management

**Addendum to PEIR.** The original OBMP storage management program consists of managing groundwater production, replenishment, recharge, and storage such that the total storage within the basin would range from a low of 5,300,000 acre-feet to a high of 5,800,000 acre-feet. The following storage-related definitions are included in the OBMP Implementation Plan:

- **Operational Storage Requirement** – The Operational Storage Requirement is the storage or volume in the Chino Basin that is necessary to maintain the Safe Yield. (Note: this is an average value with the storage oscillating around this value due to dry and wet periods in precipitation. The Operational Storage Requirement was estimated in the development of the OBMP to be about 5.3 million acre-feet. This storage value was set at the estimated storage in the basin in 1997.)
- **Safe Storage** – Safe Storage is an estimate of the maximum storage in the basin that will not cause significant water quality and high groundwater related problems. (Note: safe storage was estimated in the development of the OBMP to be about 5.8 million acre-feet.)
- **Safe Storage Capacity** – Safe Storage Capacity is the difference between Safe Storage and the Operational Storage Requirement. The allocation and use of storage space in excess of the Safe Storage Capacity will preemptively require mitigation: mitigation must be defined, and resources must be committed to mitigation prior to allocation and use.

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

Subsequent to the OBMP PEIR, Watermaster and the Watermaster Parties developed revisions to the OBMP based on: new monitoring and borehole data collected since 1998, an improved hydrogeologic conceptualization of the basin, new numerical models that have improved the understanding of basin hydrology since 2000, and the need to expand the Chino Basin Desalters (desalters)

# Optimum Basin Management Program

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

to the 40,000 acre-feet per year of groundwater production required in the OBMP Implementation Plan. These investigations included a recalculation of the total water in storage in the basin, based on the improved hydrogeologic understanding. The total storage in the Chino Basin for 2000 was estimated to be about 5.9 million acre-feet<sup>1</sup>.

The Peace II Agreement was negotiated by the Watermaster Parties to implement, among other things, the expansion of the desalters, the dedication of 400,000 acre-feet of groundwater in storage to desalter replenishment, and changes in the Judgment to implement the Peace II Agreement. However, there was no change to the storage management plan in the OBMP Implementation Plan even though the revised storage estimated for 2000 was greater than the Safe Storage, and the implementation of the Peace II Agreement would result in 400,000 acre-feet of new controlled overdraft. The IEUA completed and subsequently adopted a supplemental environmental impact report for the Peace II Agreement in 2010.

As basin storage continued to grow following the implementation of the desalters and the Peace II Agreement, Watermaster and the IEUA proposed a temporary increase in the Safe Storage Capacity, which was analyzed through an addendum to the 2000 PEIR. On March 15, 2017, the IEUA adopted an addendum to the 2000 PEIR, increasing the Safe Storage Capacity from 500,000 acre-feet to 600,000 acre-feet for the period July 1, 2017 through June 30, 2021. This temporary increase in Safe Storage Capacity was found to not cause material physical injury (MPI) and/or loss of Hydraulic Control, and it provided Watermaster, with assistance from the Parties, time to develop a new storage management plan and agreements to implement it.

**2020 Storage Management Plan.** During the period June through December 2019, Watermaster staff and consultants conducted a process with the Watermaster Parties and Board to develop the 2020 Storage Management Plan (2020 SMP) that would update the SMP currently included in the OBMP implementation plan. In that effort, Watermaster prepared a white paper that outlined the need and requirements of the 2020 SMP and presented it to the Watermaster Parties and other interested stakeholders in June 2019. This work built upon the findings of the 2018 Storage Framework Investigation, where Watermaster's Engineer evaluated the use of storage space in the range of 700,000 acre-feet to 1,000,000 acre-feet for potential Storage and Recovery programs. Watermaster and its Engineer published a final SMP report on December 19, 2019. This report was included in the 2020 OBMP Update Report, which the Watermaster Board adopted in full in October 2020. The SMP will be incorporated into the implementation plan for the 2020 OBMP Update.

**Local Storage Limitation Solution.** The temporary increase in Safe Storage Capacity to 600,000 acre-feet was set to expire on June 30, 2021, after which it would have declined to 500,000 acre-feet absent a new Court-approved storage agreement. At the end of Production Year 2020, the total volume of Managed Storage was about 588,000 acre-feet. Anticipating the expiration of the temporary increase in Safe Storage, Watermaster Parties recommended that environmental documentation and analysis be developed to cover the use of Managed Storage above 500,000 acre-feet beyond June 30, 2021. The Parties' projected behavior and the operations of the DYY program were called the Local Storage Limitation Solution (LSLS). During fiscal year 2020/21, Watermaster's Engineer completed an investigation to assess the potential MPI for the LSLS using the updated groundwater-flow model that was used to recalculate the Safe Yield. The conclusions of the investigation were that there would be no unmitigable significant adverse impacts attributable to the LSLS. This work supported CEQA documentation to increase the Safe Storage Capacity after June 30, 2021. The LSLS allows the Safe Storage Capacity to increase to 700,000 acre-feet through June 30, 2030, and 620,000 acre-feet from July 1, 2030 through June 30, 2035. The CEQA documentation formed Addendum No. 2 to the OBMP PEIR, which was adopted by the IEUA Board on March 17, 2021. The Court granted Watermaster's motion to implement the LSLS, which became effective on July 1, 2021.

### 2020 OBMP Update

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

During 2019, Watermaster convened a collaborative stakeholder process to prepare the 2020 OBMP Update, similar to that the process employed for the development of the 2000 OBMP. A series of eight stakeholder "Listening Sessions" were held by the Watermaster to obtain information, ideas, and feedback from the Chino Basin stakeholders to define their issues needs and wants, their collective goals for the 2020 OBMP Update, the impediments to achieving the goals, and the management actions required to remove the impediments.

<sup>1</sup>The most recent modeling of the Chino Basin estimates the total water in storage to be about 12 million acre-feet.



# Optimum Basin Management Program

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

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

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

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

Additionally, in January 2020, the Watermaster and IEUA (as the lead agency) began preparing a new environmental documentation (PEIR) to support the OBMP Update. The updated PEIR will support decision-making, investment, and grant applications for ongoing and new management actions under the OBMP. Based on input from the Parties, the certification of the PEIR was postponed to a later time.

In March 2020, Watermaster convened a series of “Drafting Sessions” with the Watermaster Parties to develop a 2020 OBMP Implementation Plan Update and an agreement to implement it. Due to the COVID-19 Pandemic, the Chino Basin Parties requested that the Drafting Sessions be put on hold. The Parties decided that the immediate focus for 2020 OBMP implementation would be related to storage management and the LSLs (see above). All other 2020 OBMP Update implementation activities are being deferred for the time being.



# CHINO BASIN WATERMASTER

## II. BUSINESS ITEMS

### A. SAFE YIELD RESET METHODOLOGY UPDATE



# CHINO BASIN WATERMASTER

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

DATE: September 15, 2022  
TO: Advisory Committee Members  
SUBJECT: Safe Yield Reset Methodology Update (Business Item II.A.)

### SUMMARY:

Issue: Pursuant to the April 28, 2017 Court Order, Watermaster is updating the Safe Yield Reset Methodology. [Whitin WM Duties and Powers]

Recommendation: Provide recommendation and advice to the Watermaster Board regarding the filing of the updated Safe Yield Reset Methodology with the Court.

Financial Impact: None

### Future Consideration

**Advisory Committee – September 15, 2022:** Advice and Assistance  
**Watermaster Board – September 22, 2022:** Approve and file with the Court

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### ACTIONS:

**Appropriative Pool – September 8, 2022:** Provided advice and assistance.  
**Non-Agricultural Pool – September 8, 2022:** Provided advice and assistance.  
**Agricultural Pool – September 8, 2022:** Provided advice and assistance.  
**Advisory Committee – September 15, 2022:**  
**Watermaster Board – September 22, 2022:**

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

## BACKGROUND

The Chino Basin Judgment defines the Safe Yield as the “long-term average annual quantity of ground water (excluding replenishment or stored water but including return flow to the Basin from use of replenishment or stored water) which can be produced from the Basin under cultural conditions of a particular year without causing an undesirable result.”<sup>1</sup>

The “long-term average annual quantity of ground water which can be produced from the Basin” is directly related to the long-term average hydrologic conditions, such as precipitation. The “cultural conditions” refer to the overlying land uses and water-management practices that affect the net recharge to the Basin, including but not limited to, impervious land cover, channel lining, land use conversions from agricultural to urban uses, irrigation practices, installation, and operation of the Chino Desalter well fields, construction of recharge basins, and the location and magnitude of groundwater pumping, etc.

The Judgment also provides for a Physical Solution to provide maximum flexibility and adaptability in order that Watermaster and the Court may be free to use existing and future technological, social, institutional, and economic options in order to maximize the beneficial use of the Chino Basin.<sup>2</sup>

## DISCUSSION

Watermaster developed a methodology to recalculate the Safe Yield for the period of July 1, 2010, through June 30, 2020, pursuant to the requirements of the OBMP IP (Optimum Basin Management Program Implementation Plan) and Watermaster’s Rules and Regulations. This methodology is documented in a technical memorandum dated August 10, 2015 (2015 SY Reset TM) that was approved by the Court in April 2017<sup>3</sup> (2017 Court Order) and is included as Exhibit A of the current Rules and Regulations.<sup>4</sup> The methodology outlined in the 2015 SY Reset TM was used to recalculate and reset the Safe Yield for the periods of July 1, 2010 through June 30, 2020 and July 1, 2020 through June 30, 2030.<sup>5</sup>

The Court’s Orders for Watermaster’s Motion Regarding the 2015 Safe Yield Reset Agreement, Amendment of Restated Judgment, Paragraph 6, include provisions regarding potential updates to the Safe Yield Reset methodology:

*“4.4 Safe Yield Reset Methodology. [...] In furtherance of the goal of maximizing the beneficial use of the waters of the Chino Basin, Watermaster, with the recommendation and advice of the Pools and Advisory Committee, may supplement the Reset Technical Memorandum’s methodology to incorporate future advances in best management practices and hydrologic science as they evolve over the term of this order.”*

During the process to reset the Safe Yield for the period July 1, 2020, through June 30, 2030, several Parties provided written comments and one party argued in Court recommending changes to the current Safe Yield

<sup>1</sup> Section 1.4.x of the 2012 Chino Basin Restated Judgment, <http://www.cbwm.org/docs/WatermasterCourtFilings/2012/2012%20Watermaster%20Restated%20Judgment.pdf>

<sup>2</sup> See paragraph 40 of the 2012 Chino Basin Restated Judgment

<sup>3</sup> Orders for Watermaster’s Motion Regarding the 2015 Safe Yield Reset Agreement, Amendment of Restated Judgment, Paragraph 6, Superior Court for the County of San Bernardino (2017), <http://www.cbwm.org/docs/WatermasterCourtFilings/2017/20170418%20Further%20Revised%20Proposed%20Order%20re%20SYRA%20and%20Final%20Rulings%20and%20Order%20for%20Oral%20Argument.pdf>

<sup>4</sup> See the 2022 Chino Basin Watermaster Rules and Regulations, [http://www.cbwm.org/docs/rulesregs/CBWM%20Rules%20and%20Regulations%20\[2022\].pdf](http://www.cbwm.org/docs/rulesregs/CBWM%20Rules%20and%20Regulations%20[2022].pdf)

<sup>5</sup> Orders for Watermaster’s Motion Regarding the 2020 Safe Yield Reset Agreement, Amendment of Restated Judgment, Paragraph 6, Superior Court for the County of San Bernardino (2020), <http://www.cbwm.org/docs/WatermasterCourtFilings/2020/20200806%20Notice%20of%20Orders.pdf>

Reset methodology,<sup>6</sup> including the recommendation to update the methodology to address uncertainty in the Safe Yield Reset modeling process.

In response to the Parties' recommendations and pursuant to the 2017 Court Order, Watermaster commenced an effort to evaluate possible updates to the current Safe Yield Reset methodology. Watermaster held three peer review workshops in October 2021, May 2022, and July 2022 to facilitate the process and gather feedback from the Parties. Watermaster also conducted a non-technical workshop for the Parties in May 2022 to describe the proposed updated methodology for the lay person. These workshops assisted the development of a TM that describes the development of the update to the Safe Yield Reset methodology (Attachment 1) which includes all the comments and related responses as an appendix (Appendix B.) The updated safe yield reset methodology is summarized in Attachment 2 and will be filed with the Court for approval.

The 2022 Safe Yield Reset Methodology Update (2022 SYRMU) has been updated from the 2015 Safe Yield Reset Methodology to incorporate best management practices with the recommendation and advice of the parties, consistent with the Court Order. The 2022 SYRMU supplements the current Safe Yield Reset process to incorporate consideration of the inherent uncertainty in the parameters of the groundwater-flow model and the predictive uncertainty of future water demands, water supplies, and hydrology. To consider the uncertainty in the groundwater-flow model parameters, the 2022 SYRMU includes an uncertainty analysis during the model calibration process to identify a plausible range of calibrated models. To consider predictive uncertainty, the 2022 SYRMU provides that the Safe Yield be reset based on the simulation results of an ensemble of multiple projection scenarios, with each scenario comprising unique combinations of water demand, water supply plans, and climate/hydrology.

Watermaster is grateful for the parties' feedback, recommendations and advice that have helped improve the recommended methodology. Watermaster is seeking any further recommendation and advice from the Advisory Committee on this matter. The Watermaster Board will consider the update to the Methodology to Reset the Safe Yield for filing with the Court for its approval and use as part of the required 2025 model update and Safe Yield evaluation.

This item was presented to the three Pool Committees on September 8, 2022. The Appropriate Pool Committee discussed the matter and, after consideration in confidential session, requested that Watermaster allow for thirty more days to provide advice and assistance, without expressing any further questions or concerns. The Overlying Non-Agricultural Pool Committee and the Overlying Agricultural Pool Committee members engaged in questions and answers with Watermaster staff, but did not take action to offer any advice or assistance.

The Safe Yield Reset Methodology Update effort is a multi-stakeholder effort that, with recommendation and advice from parties, Pool Committees, and Advisory Committee, has resulted in an updated methodology to calculate Safe Yield in the Chino Basin. The improvement of the Safe Yield Reset Methodology provides the parties with a better understanding of the Chino Basin hydrology and will allow for a more robust decision-making process of all available supplies for individual agencies and for the stakeholders collectively, furthering the maximum beneficial use of the Chino Basin.

#### ATTACHMENTS

1. Proposed Updated Methodology to Calculate the Safe Yield of the Chino Basin Technical Memorandum. Please access through the following [link](#).
2. Methodology to Reset the Safe Yield of the Chino Basin Technical Memorandum

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<sup>6</sup> See Appendix F of the *2020 Safe Yield Recalculation Report*, [http://www.cbwm.org/docs/engdocs/Ground%20Water%20Modeling/20200515\\_Final\\_2020SYR\\_Report.pdf](http://www.cbwm.org/docs/engdocs/Ground%20Water%20Modeling/20200515_Final_2020SYR_Report.pdf)

**BUSINESS ITEM II.A.**

**SAFE YIELD RESET METHODOLOGY UPDATE.**

Click on the link below to access the report:

<https://cbwm.syncedtool.com/shares/file/5TSWqusgLFW/>



## RESET TECHNICAL MEMORANDUM

DATE: September 1, 2022

Project No.: 941-80-22-32

SENT VIA: EMAIL

TO: Peter Kavounas, Chino Basin Watermaster

FROM: Garrett Rapp, PE, RCE #86007  
Andy Malone, PG

SUBJECT: Methodology to Reset the Safe Yield of the Chino Basin

### 2022 UPDATED SAFE YIELD RESET METHODOLOGY

This technical memorandum summarizes the methodology to calculate the Safe Yield of the Chino Basin for the 2025 Safe Yield Reevaluation and subsequent Safe Yield evaluations. The methodology: (i) is consistent with professional custom, standard, and practice; (ii) incorporates current best management practices and hydrologic science; and (iii) is consistent with the definition of Safe Yield in the Judgment and the Physical Solution.

1. Use data collected since the implementation of the OBMP to re-calibrate the Watermaster's groundwater-flow model. The re-calibration period should be long enough to include wet and dry periods relative to the long-term historical precipitation record.
2. Conduct an uncertainty analysis of the re-calibrated groundwater-flow model to identify a plausible range of calibrated models.
3. Describe current and projected future cultural conditions, including but not limited to land use and water-management practices, such as: pumping, managed recharge, managed groundwater storage, impervious land cover, water recycling, and water conservation practices. Identify a possible range of projected future cultural conditions.
4. Using the most current research on future climate and hydrology, identify a possible range of projected future climatic conditions in the Santa Ana River watershed.
5. Using the results of [3.] and [4.] above, prepare an ensemble of multiple projection scenarios of combinations of future climate/hydrology and cultural conditions (herein called the "Projection Ensemble"). Assign likelihoods to each scenario in the Projection Ensemble.
6. Simulate the range for the potential future water budget and groundwater conditions in the Chino Basin over no less than a 50-year future period. This is accomplished by using:
  - i. The range of calibrated models developed in [2.], and
  - ii. The Projection Ensemble developed in [5.] as model input data.

7. Using the results of [6.] above, characterize the range in the model results for:
  - i. Groundwater conditions, including: groundwater elevations, groundwater in storage, and groundwater flow directions, and
  - ii. The water budget, including: basin inflows, outflows, change in storage, and net recharge.
8. Using the set of net recharge results from [7.ii], determine a tentative Safe Yield as the likelihood-weighted average net recharge over the 10-year prospective period for which the Safe Yield is being redetermined (Tentative Safe Yield).
9. Evaluate whether the groundwater production at the Tentative Safe Yield estimated in [8] above will cause or threaten to cause "undesirable results" or "Material Physical Injury." If groundwater production at Tentative Safe Yield will cause or threaten to cause "undesirable results" or "Material Physical Injury," then Watermaster will identify and implement prudent measures necessary to mitigate "undesirable results" or "Material Physical Injury," set the value of Safe Yield to ensure there is no "undesirable results" or "Material Physical Injury," or implement a combination of mitigation measures and a changed Safe Yield.

DRAFT



# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES

### E. INLAND EMPIRE UTILITIES AGENCY

1. Groundwater Recharge Update (Oral Report)
2. MWD Update (Written)
3. State and Federal Legislative Reports (Written)
4. Community Outreach/Public Relations Report (Written)



## **CHINO BASIN WATERMASTER**

### **ADVISORY COMMITTEE**

**September 15, 2022**

### **INLAND EMPIRE UTILITIES AGENCY REPORTS**

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**The following items are provided for receive and file.**

- MWD Dry Year Yield Program Update
- Metropolitan Water District Activities Report
- Water Supply Conditions
- State and Federal Legislative Reports
- Community Outreach/Public Relations Report

MWD Dry Year Yield Program Update


There has been no activity on the DYY account. The balance is 0 acre-feet.


DYY Account Balance (June 2017-Present)	
<b>"PUTS"</b>	
Recharged water	58,387.92
ASR injection	4,935.70
<b>"TAKES"</b>	
CVWD	55,823.62
Fontana Water Co.	7,500.00
<b>TOTAL</b>	<b>0.00</b>


Month	Planned			Certified					
	Recharge	ASR	TAKES	Recharge	ASR	Losses	Basin Losses	TAKES***	
<b>FY 16/17</b>	June	6,000.0	-	-	6,318.7	-	3.8	-	-
	July	6,531.5	-	-	7,345.9	-	-	-	-
	August	6,531.5	-	-	7,074.8	-	6.7	-	-
	September	6,320.9	250.0	-	3,793.8	154.5	-	-	-
	October	2,922.6	250.0	-	4,538.1	277.6	249.3	-	-
	November	1,483.2	300.0	-	2,504.4	267.5	61.3	-	-
	December	1,222.4	400.0	-	3,639.3	276.4	285.8	-	-
<b>FY 17/18</b>	January	1,222.4	400.0	-	4,195.3	247.5	(86.0)	-	-
	February	1,222.4	400.0	-	-	316.2	-	-	-
	March	1,222.4	400.0	-	-	362.7	-	-	-
	April	1,695.7	100.0	-	-	287.0	-	-	-
	May	4,083.0	-	-	-	305.6	-	-	-
	June	6,143.9	-	-	-	-	-	4.4	-
<b>FY 18/19</b>	May	-	-	-	-	-	-	-	-
	June	5,000.0	350.0	-	4,413.5	389.4	185.4	29.0	-
	July	6,000.0	350.0	2,548.0	4,314.0	457.8	181.2	-	2,421.1
	August	6,000.0	350.0	2,852.0	4,803.9	434.2	201.8	-	2,861.4
	September	5,000.0	350.0	2,206.0	2,218.6	403.3	144.5	-	2,695.0
	October	4,000.0	350.0	1,874.0	1,842.5	277.3	105.8	-	2,922.3
	November	2,000.0	350.0	1,280.0	1,223.5	267.6	44.0	-	1,995.0
	December	2,000.0	350.0	971.0	1,176.3	211.1	17.6	-	500.0
<b>FY 19/20</b>	January	-	-	844.0	491.7	-	7.4	-	-
	February	-	-	780.0	-	-	-	-	-
	March	-	-	1,204.0	-	-	-	-	-
	April	-	-	1,710.0	-	-	-	-	-
	May	-	-	1,988.0	-	-	-	-	1,500.0
	June	-	-	1,743.0	-	-	-	32.2	2,500.0
	July	-	-	2,700.0	-	-	-	-	2,700.0
	August	-	-	2,500.0	-	-	-	-	2,500.0
	September	-	-	2,500.0	-	-	-	-	2,500.0
	October***	-	-	5,000.0	-	-	-	-	5,000.0
	November	-	-	-	-	-	-	-	-
	December	-	-	3,500.0	-	-	-	-	3,500.0
<b>FY 20/21**</b>	January	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-
	April	-	-	1,000.0	-	-	-	-	2,000.0
	May	-	-	2,600.0	-	-	-	-	2,600.0
	June	-	-	2,700.0	-	-	-	32.2	2,200.0
	July	-	-	2,900.0	-	-	-	-	2,800.0
	August	-	-	2,800.0	-	-	-	-	2,800.0
	September	-	-	2,800.0	-	-	-	-	2,600.0
	October	-	-	5,000.0	-	-	-	-	2,000.0
	November	-	-	-	-	-	-	-	6,800.0
	December	-	-	3,500.0	-	-	-	-	1,000.0
<b>FY 21/22</b>	January	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-
	April	-	-	1,000.0	-	-	-	-	2,400.0
	May	-	-	2,400.0	-	-	-	-	2,528.8
	June	-	-	2,600.0	-	-	-	-	-
	Subtotal	76,602.1	4,950.0	65,500.0	59,894.3	4,935.7	2,408.6	97.8	63,323.6
<b>DYY Account Total</b>									<b>0.00</b>

\*estimated, not currently certified  
Note-- losses include ET losses at this time.  
January 2018 CB-15 certification corrected to include an additional 213.8 AF for a net credit of 86 AF.  
\*\*June 2020 request was sent to all agencies to see if there was interest in voluntary withdrawals from the DYY account, CVWD and Fontana Water Co. responded. Opportunity for additional voluntary withdrawals will be offered to all agencies in March 2021.  
\*\*\* DYY Takes are for CVWD unless otherwise specified. October 2020 includes 2,500 AF certified Take from Fontana Water Co.

For more info contact:

 Cathleen Pieroni, IEUA

 cpieroni@ieua.org

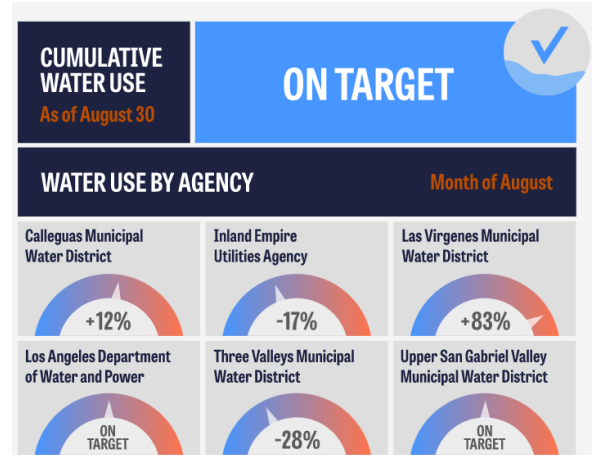
 909.217.6943

See [www.MWDh2o.com](http://www.MWDh2o.com) for the latest information from MWD and tune into livestream broadcasts of meetings

## DROUGHT STATUS

The IEUA region continues to out-perform MWD allocation requirements.

- Between June 1 and August 30, IEUA demands for imported water have been 17% below the allocation.
- These reductions are made possible with conservation and a switch onto local groundwater supplies.

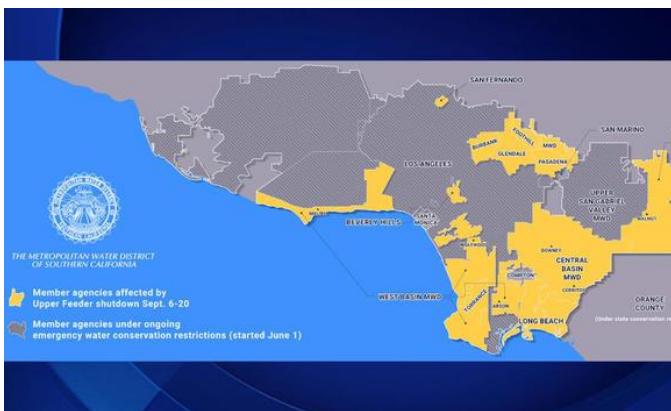


## SUPPLY RELIABILITY

### MWD Upper Feeder Shut Down

Starting September 6<sup>th</sup> and continuing through September 20<sup>th</sup>, MWD will be shutting down the Upper Feeder for emergency maintenance at the Santa Ana River crossing.

- Some Metropolitan agencies have been asked to stop all outdoor watering during the shutdown. IEUA's service area is unaffected by this request.
- On April 13<sup>th</sup>, 2022, a leak was discovered at the expansion joint. A temporary steel bracket was installed, but due to the critical nature of the Upper Feeder, an emergency no-bid contract to fully repair the pipe was issued.
- At the September 13<sup>th</sup> Board meeting, Metropolitan will consider continuing an emergency action no-bid contract to repair the Upper Feeder.



### Revised Bay-Delta Policy Framework

At the September 13<sup>th</sup> Board meeting, Metropolitan will consider adopting a Revision and Restatement of Bay-Delta Policy which was last updated in the mid-2000's. The proposed revision includes three main Bay-Delta objectives.

- **Objective 1:** Promote a Sustainable Bay-Delta within Metropolitan's One Water Approach
- **Objective 2:** Support Statewide and Regional Actions that Improve Bay-Delta Sustainability
- **Objective 3:** Address the Risks Associate with Climate Change



## INDOOR RESIDENTIAL WATER - USE STANDARD

SB 1157 (Hertzberg) is on the Governor's desk for signature. The bill amends previous legislation requiring all retail water agencies to establish an aggregate "Water Use Objective" for water use.

This bill would lower the budget for residential indoor water use to 47 gallons per person per day (gpcd) in 2025 and further reduce it to 42 gpcd by 2030.

# State Water Project Resources

SWP Table A – 5% - 95,575 AF



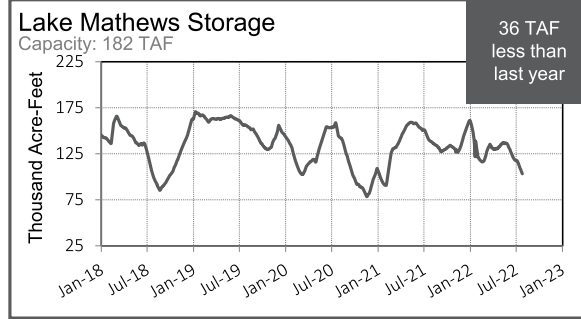
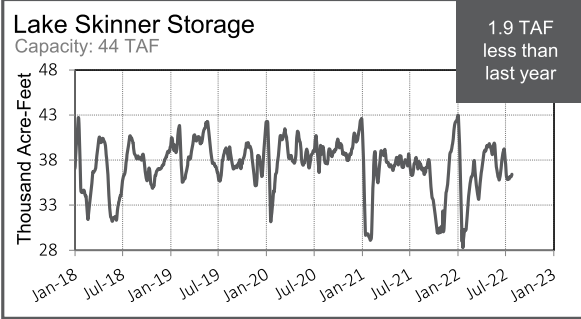
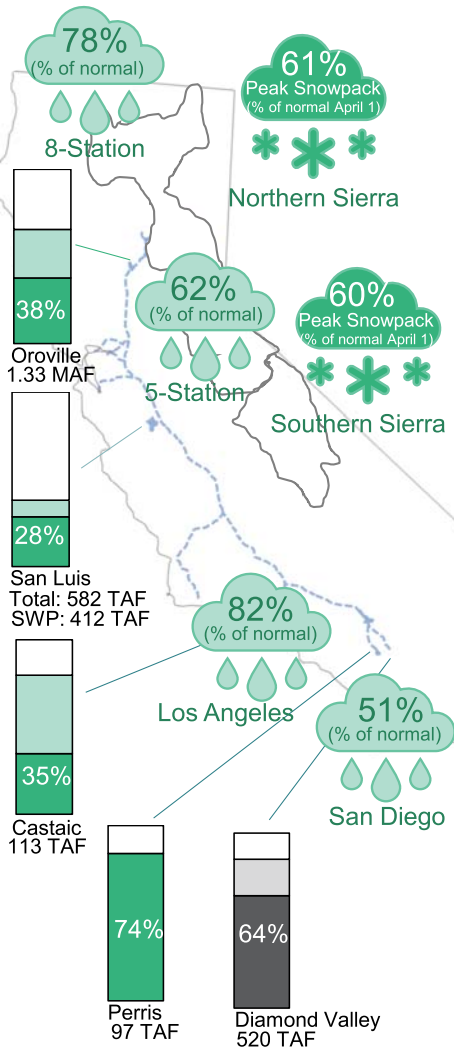
# WATER SUPPLY CONDITIONS REPORT

Water Year  
2021-2022  
As of: August 24, 2022

# Colorado River Resources

Projected CRA Diversions – 1,117,000 AF

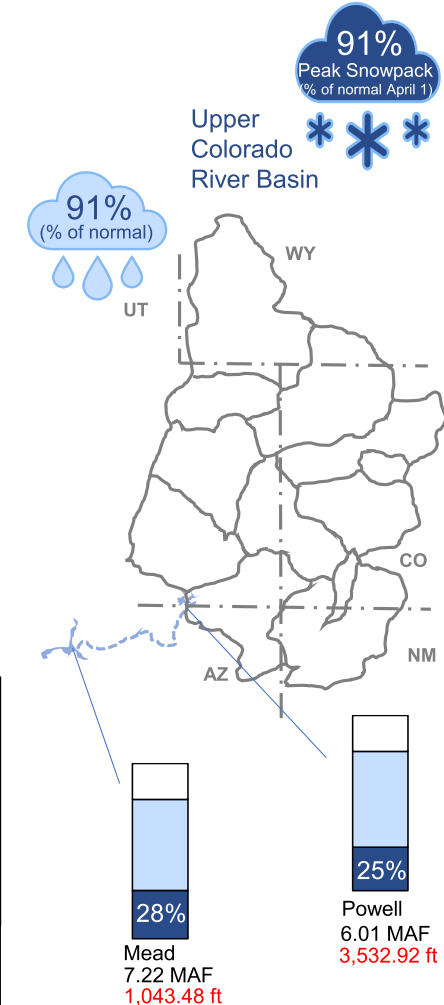
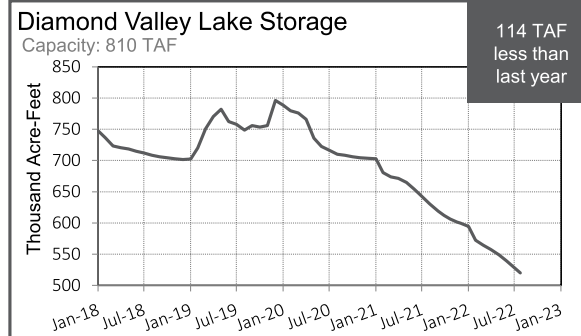
## Metropolitan Resources



### MWD WSDM Storage

Calendar Year 2022

	Take Capacity
Colorado River Aqueduct Delivery System	255 TAF
State Water Project System	188 TAF
In-Region Supplies and WSDM Actions	426 TAF
Other Programs	11 TAF
<b>Total WSDM Storage Take Capacity</b>	<b>880 TAF</b>



## Highlights

- For more information on the current drought, including the Emergency Conservation Program tracking:
  - <https://www.mwdh2o.com/how-we-plan/drought/>
- For more information on the upcoming emergency repair to the Upper Feeder pipeline:
  - <https://www.mwdh2o.com/projects-in-your-community/>

This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. Questions? Email [mferreira@mwdh2o.com](mailto:mferreira@mwdh2o.com)

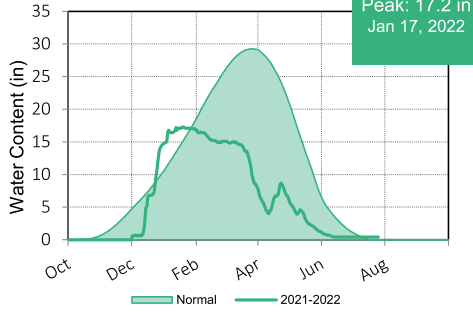
<http://www.mwdh2o.com/WSCR>

# State Water Project Resources

As of: 08/24/2022

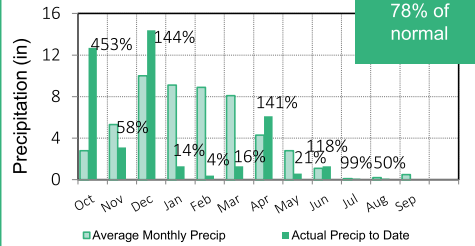
## Northern Sierra Snowpack

Peak: 17.2 in  
Jan 17, 2022



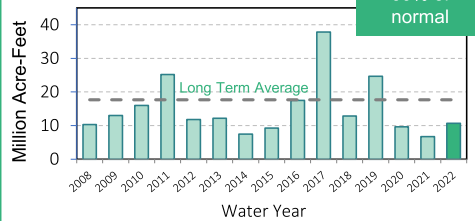
## 8 Station Index Precipitation

41.4 in  
78% of normal



## Sacramento River Runoff

Forecast:  
60% of normal



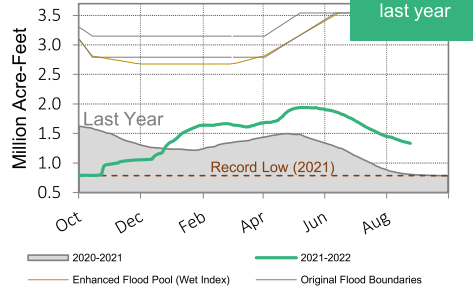
## Other SWP Supplies

Calendar Year 2022  
Carryover 38,000 AF (Est.)  
Human Health and Safety 133,000 AF

## Orville Reservoir Storage

Capacity: 3.54 MAF

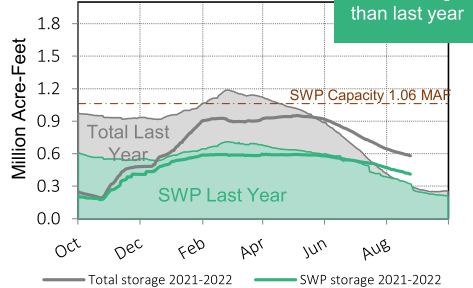
529 TAF  
more than last year



## San Luis Reservoir Storage

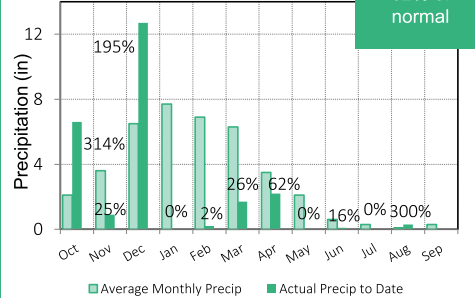
Capacity: 2.04 MAF

90 TAF more  
SWP storage  
than last year



## 5 Station Index Precipitation

24.7 in  
62% of normal



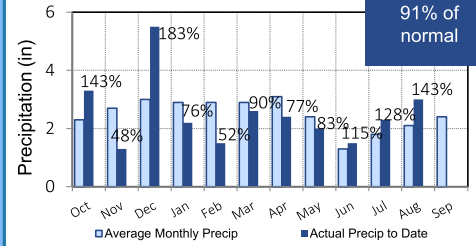
<http://www.mwdh2o.com/WSCR>

# Colorado River Resources

As of: 08/24/2022

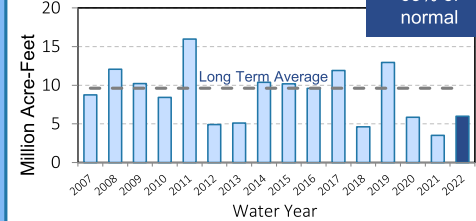
## Upper Colorado Precipitation

27.6 in  
91% of normal

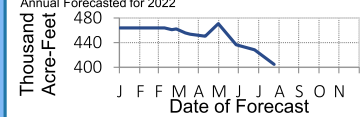


## Powell Unregulated Inflow

Forecast:  
63% of normal



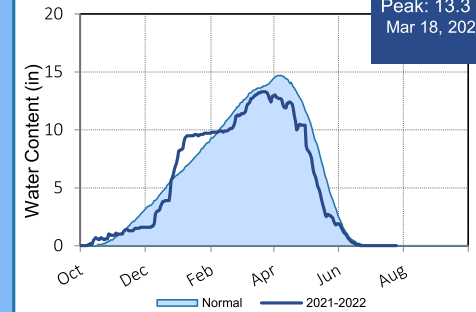
## PVID/Yuma Agricultural Use



Current  
Annual  
Forecast:  
405 TAF

## Upper Colorado Snowpack

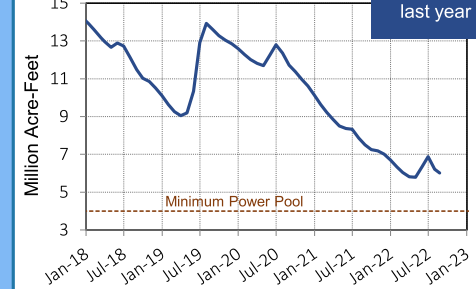
Peak: 13.3 in  
Mar 18, 2022



## Lake Powell Storage

Capacity: 24.3 MAF

1.61 MAF  
less than  
last year



## Projected Lake Mead ICS

Calendar Year 2022  
Put (+) / Take (-)  
-197,000 AF

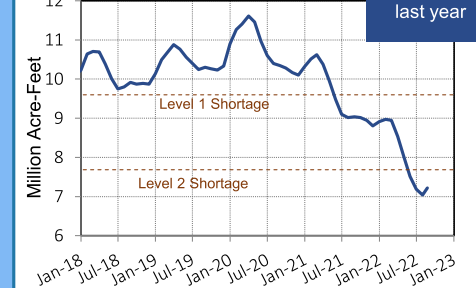
## Lake Mead Surplus/Shortage Outlook

New projection will be available on August 31, 2022  
<https://www.usbr.gov/lc/region/g4000/riverops/crss-5year-projections.html>

## Lake Mead Storage

Capacity: 26.1 MAF

1.83 MAF  
less than  
last year



<http://www.mwdh2o.com/WSCR>



**September 1, 2022**

**To:** Inland Empire Utilities Agency

**From:** Michael Boccadoro  
Beth Olhasso  
Maddie Munson

**RE:** August Report

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**Overview:**

Even though Fall is just around the corner, extreme summer heat conditions are gripping most of California, with record high temperatures expected over the Labor Day weekend throughout the state. Lake Oroville is sitting at 63 percent of historical average and 37 percent capacity. San Luis Reservoir, the main south-of-Delta storage facility for the State Water Project, is at just 73 percent of average for this time of the year and 28 percent capacity. Folsom Lake is also declining rapidly.

In early August, the Governor released a “California Water Supply Strategy- adapting to a hotter, drier future.” The new “strategy” highlights some specific items that were previously identified in the 2020 Water Resilience Portfolio for “expedited urgency.” Expedited permitting and increased investment in recycled water would be very helpful to IEUA if regulators and legislators are able to execute on those ideas.

In the final weeks of the Legislative Session, significant legislation was introduced to increase the state’s renewable energy goals, accelerate greenhouse gas reduction goals and ensure energy reliability by extending the life of Diablo Canyon Nuclear Generation Station. This package of legislation, while having some good measures to keep the lights on in CA, could be very expensive for California ratepayers.

The California Fish and Game Commission (CFGC) is considering a proposal to change the size of striped bass that anglers can take and it’s causing significant concern in the water community. The proposed change would implement what is known as a slot limit, restricting angler harvest to only fish between 20 and 30 inches. Water users take issue with increasing striped bass populations because striped bass are known to be among the most aggressive predators in the Sacramento-San Joaquin Delta and related tributaries.

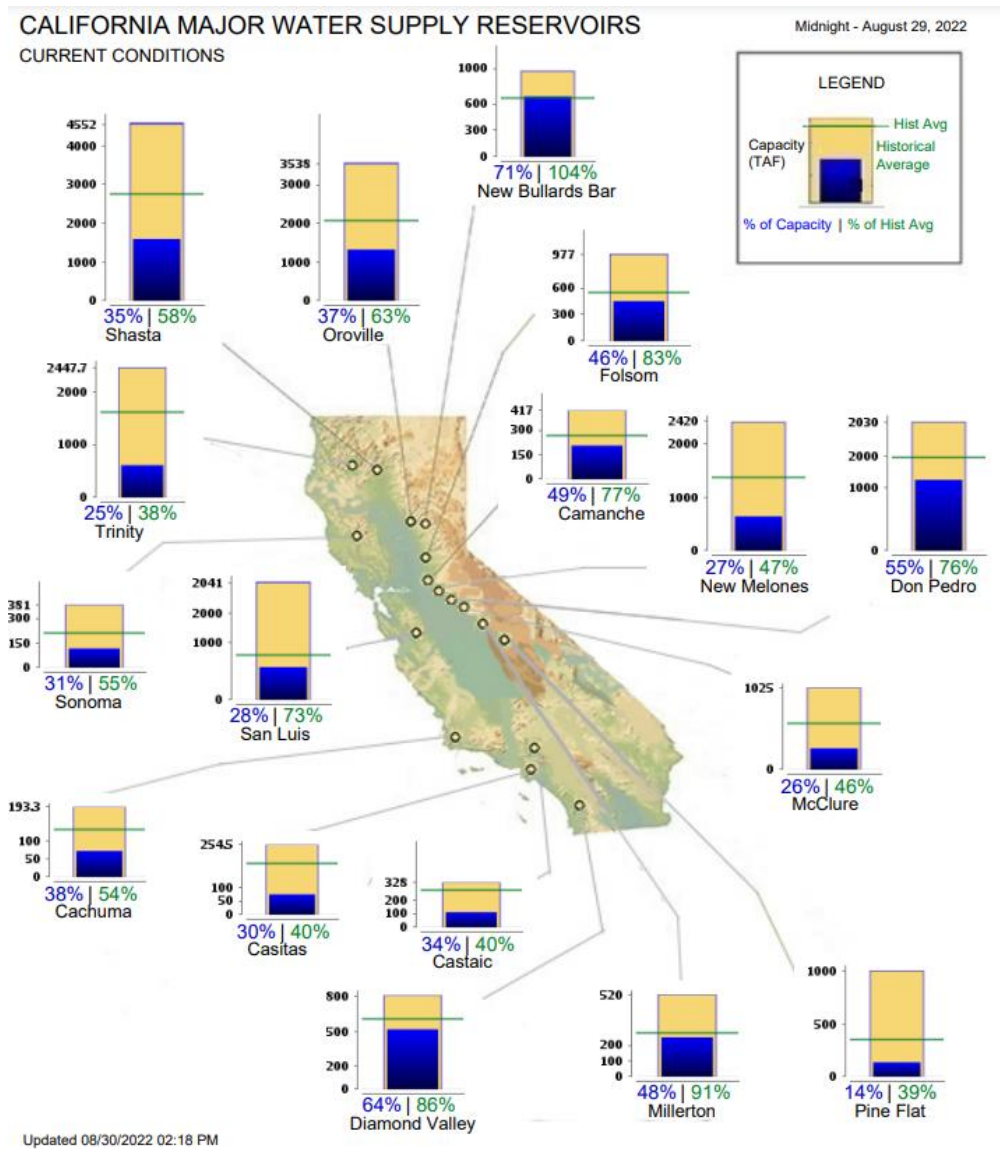
CalEPA Secretary Jared Blumenfeld’s last day at his post was August 31. Governor Newsom has appointed former CalEPA environmental justice executive Amelia Yana Garcia Gonzalez as the agency’s next secretary.

The Legislature has officially adjourned the 2021-22 legislative session. It was a fairly busy year with more water-related bills this year. ACWA’s legislation to provide for a tax exemption for turf removal rebates is on the Governor’s desk. CASA’s bill to require products containing PFAS to register their products on a publicly accessible database struggled with significant opposition from manufacturers but was able to pass onto the Governor with just enough votes. MWD’s legislation to allow for alternative project delivery methods for several of their projects easily passed out of both houses of the Legislature, while similar legislation (SB 991, Newman) to allow for progressive design build processes for projects over \$5 million also awaits consideration by the Governor. The Governor has until September 30 to act on all legislation.

# Inland Empire Utilities Agency Status Report – August 2022

## Water Supply Conditions

Even though Fall is just around the corner, extreme summer heat conditions are gripping most of California, with record high temperatures expected over the Labor Day weekend throughout the state. Lake Oroville is sitting at 63 percent of historical average and 37 percent capacity. San Luis Reservoir, the main south-of-Delta storage facility for the State Water Project, is at just 73 percent of average for this time of the year and 28 percent capacity. Drought conditions continue to worsen with over 13 percent of the state in exceptional drought and 43 percent in extreme drought.





### ***Governor Releases “California Water Supply Strategy”***

In early August, the Governor released a “California Water Supply Strategy- adapting to a hotter, drier future.” The strategy prioritizes the following actions: creating storage space for up to four million acre-feet of water; recycling at least 800,000 acre-feet per year by 2030; freeing up 500,000 acre-feet of water through “more efficient water use and conservation”; and making new water available by capturing stormwater and desalinating ocean water and brackish groundwater.

Most of these actions are *very* similar to the 2020 Water Resilience Portfolio, but will now be “expedited given the urgency of climate-driven changes.”

Additionally, to advance the infrastructure and policies needed to adapt, the strategy “enlists the help of the Legislature to streamline processes so projects can be planned, permitted and built more quickly while protecting the environment.”

This document shows the administration’s blueprint for the next few years at the SWRCB and in the Legislature and offers opportunities to work with the state to support local and regional projects.

### ***Energy Legislation***

Significant renewable energy and greenhouse gas (GHG) reduction legislation was introduced at the end of the legislative session that will have an impact on energy rates for California energy ratepayers.

**AB 2133 (Quirk):** increases the state’s GHG emission reduction target from 40 percent below 1990 levels by 2030 to 55 percent. The California Air Resources Board (CARB) assessed an “accelerated” 2030 target and economy wide carbon neutrality and found that accelerated targets would “require a pace and magnitude of investments and actions that is likely unachievable.” Additionally, the CA Energy Commission (CEC) has estimated that 20-40 percent of clean energy projects are experiencing some sort of delay. The bill failed ultimate passage

**AB 1279 (Muratsuchi):** declares it a policy of the state that as soon as possible, but no later than 2045, the state shall achieve net zero emissions and maintain negative GHG emissions thereafter. The bill also requires an 85 percent reduction in anthropogenic GHG emissions below 1990 levels by 2045. The bill passed and is awaiting action by the Governor.

**SB 1020 (Laird):** established the policy that eligible renewable energy resources and zero-carbon resources supply 90 percent of all retail sales of electricity to CA end-use customers by then end of 2035 and 95 percent by the end of 2040. The bill also requires that eligible renewable energy resources and zero-carbon resources supply 100 percent of electricity procured to serve all state agencies by the end of 2035, ten years sooner than required by existing law.

These provisions also apply to the State Water Project (SWP). While the bill was recently amended to ease the burden on the SWP, this bill is estimated to cost the State Water Contractors \$1.2 billion, with MWD likely seeing about a \$720 million bill. The bill passed and is awaiting action by the Governor.

**SB 846 (Dodd):** extends the operation of the Diablo Canyon Nuclear Generation Station (San Luis Obispo). Diablo Canyon was planned to shut down at the end of 2025, but with supply chain disruptions and other factors, there is significant risk that there will be insufficient new clean energy supplies online before the scheduled retirement. The bill declared that Diablo is crucial to energy reliability throughout the state, therefore all IOU ratepayers will be on the hook for 50 percent of the cost while PG&E ratepayers will be responsible for the remaining half. Because the fee collection is volumetric, high-energy users will be responsible for a majority of the reliability costs. The bill was the

last bill of the session voted on by both houses and passed overwhelmingly. The Governor is expected to sign the bill in the next few days.

### ***Striped Bass***

The California Fish and Game Commission (CFGF) is considering a proposal to change the size of striped bass that anglers can take and it's causing significant concern in the water community. The proposed change would implement what is known as a slot limit, restricting angler harvest to only fish between 20 and 30 inches. The authors of the petition, the Nor-Cal Guides and Sportsmen's Association, argue that this will result in increased populations of striped bass, as protecting larger fish will allow them to procreate more effectively.

Water users take issue with increasing striped bass populations because striped bass are known to be among the most aggressive predators in the Sacramento-San Joaquin Delta and related tributaries. Numerous studies have shown that striped bass eat high numbers of threatened and listed salmon populations protected under the Endangered Species Act. So while water users are going to great lengths to protect and increase populations of these threatened and listed species, including through the Voluntary Agreements, the CFGF is contemplating protecting their non-native predators.

The CFGF's Wildlife Resources Committee will discuss the proposal at their September 15 meeting. They may then recommend that the full Commission consider the petition. If the proposal continues to move forward, it could be several months before the CFGF would vote on the petition.

### ***CalEPA Secretary Blumenfeld Steps Down***

CalEPA Secretary Jared Blumenfeld's last day at his post was August 31. He plans to serve as the inaugural president of the Waverley Street Foundation, a new global climate change nonprofit focused on "community-driven climate solutions."

Governor Newsom has appointed former CalEPA environmental justice executive Amelia Yana Garcia Gonzalez as the agency's next secretary. She has served as a special assistant attorney general, and as an attorney for Earthjustice and Communities for a Better Environment. As her bio suggests, it is widely believed that Ms. Gonzalez is a strong friend to the environmental justice community and will lead the agency with that perspective in mind.

### ***Legislative Update***

The Legislature adjourned the 2021-22 Legislative Session in the early morning hours of September 1. The Governor has until September 30 to take action on the hundreds of bills that have been sent to his desk for consideration.

Bill updates:

**AB 2142 (Gabriel):** This bill would provide an income tax exemption for rebates from a turf removal program. Sponsored by ACWA, the bill didn't receive a single no vote throughout the entire process and is awaiting action by the Governor.

**AB 1845 (Calderon):** MWD sponsored bill to allow for alternative project delivery methods for specific MWD projects. The bill only received one no vote through the process and is awaiting action by the Governor.

**SB 991 (Newman):** This bill is similar to MWD’s AB 1845 but it would allow for progressive design build to be used on any project over \$5 million. The bill didn’t receive a single no vote throughout the entire process and is awaiting action by the Governor.

**AB 2247 (Bloom):** CASA sponsored bill would require products sold in CA that contain PFAS to register the product on a publicly accessible reporting platform. The bill was recently amended to remove some of the enforcement language, which should remove some of the opposition. The bill has had a rough road, garnering significant opposition from the manufacturing community. It has received *just* enough votes to move through the process and is now awaiting action by the Governor.

**AB 2449 (Rubio):** Sponsored by Three Valleys Municipal Water District’s, this legislation addresses remote participation for elected officials. The author took amendments in the Senate to address concerns from the Senate Governance and Finance and Judiciary Committee concerns surrounding misuse of these allowances to not have to face the public during challenging proceedings. The bill now limits the number of times an official can use remote testimony and requires that “cameras must be on” at all times. The bill has received broad support throughout the process and is awaiting action by the Governor.

**SB 1157 (Hertzberg):** The bill would implement the indoor GPCD targets outlined in the DWR/SWRCB draft report to the Legislature for 47 GPCD by 2025 and 42 GPCD by 2030. The bill passed out of Natural Resources and Water Committee despite significant concerns from Senator Ben Hueso (D-San Diego). The bill was quickly moved to the floor of the Senate where it passed 28-9. The author took amendments in the Assembly Water, Parks and Wildlife Committee that would require studying the impacts to wastewater and recycled water systems. The bill was further amended to require consideration of variances for recycled water. The bill was seven votes short of passage on the Assembly floor on its first vote, but was brought up under “reconsideration” in the final minutes of the session and secured the necessary votes for passage. It is now awaiting action by the Governor.

**IEUA BILLS— BILLS WITH POSITIONS- 2022 Session September 1, 2022**

Bill Number	Author/Sponsor	Title and/or Summary	Summary	IEUA Position/ Bill Location	Positions Taken by Associations & Regional Agencies
AB 1845	Calderon  MWD Sponsored	Metropolitan Water District of Southern California: alternative project delivery methods	Would authorize the Metropolitan Water District of Southern California to use the design-build procurement process for certain regional recycled water projects or other water infrastructure projects. The bill would define "design-build" to mean a project delivery process in which both the design and construction of a project are procured from a single entity. The bill would require the district, if using this procurement process, to follow certain procedures, including preparing and issuing a request for qualifications, preparing a request for proposals including the scope and needs of the project or contract, and awarding projects based on certain criteria for projects utilizing either lowest responsible bidder or best value selection criteria.	SUPPORT  On Governor's Desk	MWD, ACWA, WRCA in support
AB 2142	Gabriel	Income taxes: exclusion: turf replacement water conservation program	This bill would, for taxable years beginning on or after January 1, 2022, and before January 1, 2027, under both of these laws, provide an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a local water agency or supplier for participation in a turf replacement water conservation program.	SUPPORT  On Governor's Desk	ACWA, MWD in Support
AB 2247	Bloom  CASA Sponsored	PFAS products: disclosure: publicly accessible reporting platform	This bill would require the Department of Toxic Substances Control to work with the Interstate Chemicals Clearinghouse to establish, on or before January 1, 2024, a publicly accessible reporting platform to collect information about PFAS and products or product components containing regulated PFAS, as defined, being sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state. The bill would require, on or before March 1, 2024, and annually thereafter, a manufacturer, as defined, of PFAS or a product or a product component containing regulated PFAS that is sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state to register the PFAS or the product or product component containing regulated PFAS, and specified other information, on the publicly accessible reporting platform.	SUPPORT  On Governor's Desk	CASA, WRCA, ACWA in support
AB 2449	Rubio  Three Valleys	Open meetings: local agencies: teleconferences	This bill would authorize a local agency to use teleconferencing without complying with those specified teleconferencing requirements if at least a quorum of the members of the	SUPPORT	ACWA & MWD Support

			legislative body participates in person from a singular location clearly identified on the agenda that is open to the public and situated within the local agency's jurisdiction. The bill would impose prescribed requirements for this exception relating to notice, agendas, the means and manner of access, and procedures for disruptions. The bill would require the legislative body to implement a procedure for receiving and swiftly resolving requests for reasonable accommodation for individuals with disabilities, consistent with federal law.	On Governor's Desk	
AB 2787	Quirk	Microplastics in products	<i>The Microbeads Nuisance Prevention Law prohibits a person from selling or offering for promotional purposes in the state any personal care products containing plastic microbeads that are used to exfoliate or cleanse in a rinse-off product, including, but not limited to, toothpaste. This bill would, on and after specified dates that vary based on the product, ban the sale, distribution in commerce, or offering for promotional purposes in the state of designated products, such as leave-in cosmetics products and waxes and polishes, if the products contain intentionally added microplastics, as defined. The bill would exclude from this ban products consisting, in whole or in part, of specified substances or mixtures containing microplastics. The bill would make a violator liable for a civil penalty not to exceed \$2,500 per day for each violation.</i>	SUPPORT  Held in Assembly---  <b>NOT MOVING FORWARD IN 2022</b>	CASA in support
AB 2811	Bennett  Plumbers Union	California Building Standards Commission: recycled water: nonpotable water systems	<i>Would require, commencing January 1, 2024, all newly constructed nonresidential buildings be constructed with dual plumbing to allow the use of recycled water for all applicable nonpotable water demands, as defined, if that building is located within an existing or planned recycled water service area, as specified.</i>	Oppose  Env. Safety & Toxic Materials Comm--- no hearing  <b>Bill not moving forward this year.</b>	CASA & WRCA oppose unless amended. ACWA & CMUA Oppose
SB 222	Sen. Dodd	Water Affordability Assistance Program	Would establish the Water Affordability Assistance Fund in the State Treasury to help provide water affordability assistance, for both drinking water and wastewater services, to low-income ratepayers and ratepayers experiencing economic hardship in California. The bill would make moneys in the fund available	On Governor's Desk	Opposed by ACWA

			upon appropriation by the Legislature to the state board to provide, as part of the Water Affordability Assistance Program established by the bill, direct water bill assistance, water bill credits, water crisis assistance, affordability assistance, and short-term assistance to public water systems to administer program components.		
SB 230	Portantino/ CMUA & MWD	State Water Resources Control Board: Constituents of Emerging Concern	Would require the State Water Resources Control Board to establish, maintain, and direct an ongoing, dedicated program called the Constituents of Emerging Concern Program to assess the state of information and recommend areas for further study on, among other things, the occurrence of constituents of emerging concern (CEC) in drinking water sources and treated drinking water. The bill would require the state board to convene, by an unspecified date, the Science Advisory Panel to review and provide recommendations to the state board on CEC for further action, among other duties. The bill would require the state board to provide an annual report to the Legislature on the ongoing work conducted by the panel.	SUPPORT  On Governor's Desk	Favor by ACWA
SB 991	Newman  Water Collaborative Delivery Association (formerly the Water Design-Build Council)	Public contracts: progressive design-build: local agencies	Current law, until January 1, 2025, authorizes local agencies, as defined, to use the design-build procurement process for specified public works with prescribed cost thresholds. Current law requires specified information submitted by a design-build entity in the design-build procurement process to be certified under penalty of perjury. This bill, until January 1, 2033, authorizes local agencies, defined as any city, county, city and county, or special district authorized by law to provide for the production, storage, supply, treatment, or distribution of any water from any source, to use the progressive design-build process for public works projects in excess of \$5,000,000, similar to the progressive design-build process authorized for use by the Director of General Services. The bill would require specified information to be verified under penalty of perjury.	SUPPORT  On Governor's Desk	WRCA Support
SB 1157	Hertzberg	Urban water use objectives: indoor residential water use	Current law requires the Department of Water Resources, in coordination with the State Water Resources Control Board, and including collaboration with and input from stakeholders, to conduct necessary studies and investigations and authorizes the department and the board to jointly recommend to the Legislature a standard for indoor residential water use. Current law, until	On Governor's Desk	Oppose unless amended by WateReuse & ACWA, CASA & CMUA

			<p>January 1, 2025, establishes 55 gallons per capita daily as the standard for indoor residential water use. Existing law establishes, beginning January 1, 2025, the greater of 52.5 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use, and beginning January 1, 2030, establishes the greater of 50 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use. This bill would eliminate the option of using the greater of 52.5 gallons per capita daily and the greater of 50 gallons per capita daily, as applicable, or a standard recommended by the department and the board as the standard for indoor residential water use.</p>		
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**Date:** September 21, 2022

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager

**Committee:** Community & Legislative Affairs

09/14/22

**Staff Contact:** Shivaji Deshmukh, General Manager

**Subject:** Public Outreach and Communication

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**Executive Summary:**

IEUA received the CAPIO (California Association of Public Information Officials) 2022 Excellence in Public Information & Communications Epic Award for the Agency's FY 19/20 Annual Report.

Staff has been working with the Chino Basin Program (CBP) team leads and partners to develop an outreach strategy for additional program communication, including developing a communication workgroup, identifying collaboration and partnership opportunities on shared media, and more.

Staff recognized Water Quality Month on Agency social media channels with features on IEUA staff, services, and initiatives that highlight the Agency's dedication to ensuring a high-water quality for the region.

Staff sent out a brief communication needs survey for Customer Agencies and are using the results to gauge how the Agency can best support their respective outreach efforts.

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**Staff's Recommendation:**

This is an informational item for the Board of Directors to receive and file.

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

Account/Project Name:

*Fiscal Impact (explain if not budgeted):*



**Prior Board Action:**

N/A

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**Environmental Determination:**

Not Applicable

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**Business Goal:**

IEUA is committed to providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

IEUA is committed to enhancing and promoting environmental sustainability and the preservation of the region's heritage.

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**Attachments:**

Attachment 1 - Background

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## Background

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Subject: Public Outreach and Communication

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### September

- September, National Preparedness Month
- September 5, Labor Day
- September 11, Patriot Day
- September 15, National Online Learning Day
- September 18, World Water Monitoring Day
- September 19-25, Pollution Prevention Week
- September 20, IT Professionals Day
- September 22, First Day of Fall
- September 25, World Rivers Day
- September 26, World Environmental Health Day
- September 26-30, Finance and Acct. Appreciation Week

### Media and Outreach

#### *General*

- IEUA received the CAPIO (California Association of Public Information Officials) 2022 Excellence in Public Information & Communications Epic Award for the Agency's FY 19/20 Annual Report.
- Staff has been working with the Chino Basin Program (CBP) team leads and partners to develop an outreach strategy for additional program communication, including developing a communication workgroup, identifying collaboration and partnership opportunities on shared media, and more.
- Staff recognized Water Quality Month on Agency social media channels with features on IEUA staff, services, and initiatives that highlight the Agency's dedication to ensuring a high-water quality for the region.
- In honor of World Water Week, staff published a three-part series of posts and stories on social media focused on understanding the value of water in accordance with this year's World Water Week theme.
- Staff continues to collaborate with Chino Basin Water Conservation District on outreach promoting their Waterwise Garden and Pumpkin Fest on October 1. IEUA will be hosting a booth at this event.
- On August 31, staff coordinated with Human Resources to lead a nature walk through the Chino Creek Wetlands and Educational Park for employees in honor of Wellness Month.

#### *Drought Awareness Efforts*

- Staff sent out a brief communication needs survey for Customer Agencies and are using the results to gauge how the Agency can best support their respective outreach efforts. Customer Agencies shared their interest in communication support and collateral assistance for non-functional turf messaging.

- Staff is coordinating with Customer Agencies on messaging geared towards conservation and the irrigation of trees.
- Staff published a Time is Now reel on August 2 and has received over 1,000 views.
- Staff is continuing to work with Customer Agencies on drought messaging and outreach. Staff is drafting message points and creative for outreach and will be adding these assets to the drought communication toolkit for customer agencies.

#### *Advertising/Marketing*

- A “Time is Now”/Education ad ran on August 3 and 10 in La Opinion.
- A “Time is Now”/Education ad ran on August 7 in the Daily Bulletin.
- A “Time is Now”/Education ad ran on August 13 in the Chino Champion.
- A “Time is Now”/Education spadea ran on August 28 in the Daily Bulletin.
- A “Time is Now”/Education ad will run in the September issue of the Inland Empire Magazine.

#### *Social Outreach and Analytics*

- The Agency continues to publish content on LinkedIn and has gained five followers since July, with 641 page views in the last 30 days.
- August: 42 posts were published to the IEUA Facebook page, 42 tweets were sent on the @IEUAWater Twitter handle, 42 posts were published to IEUA’s Instagram grid, and 29 posts were published to the IEUA LinkedIn page.
  - The top three Facebook posts, based on reach and engagement, in the month of August were:
    - 8/5 CBP Joint News Release
    - 8/11 IEUA Board Member Jasmin A. Hall Presides Over Last Meeting as California Association of Sanitation Agencies President
    - 8/19 Water Quality Month Staff Feature
  - The top three Twitter tweets, based on reach and engagement, in the month of August were:
    - 8/23 Cucamonga Valley Water District, IEUA, and Congresswoman Norma Torres Tour
    - 8/23 World Water Week
    - 8/3 Water Word Wednesday
  - The top three Instagram posts, based on reach and engagement, in the month of August were:
    - 8/4 Water Quality Month Staff Feature
    - 8/10 Waterwise Garden and Pumpkin Festival Promo
    - 8/8 The Time is Now- Know the Facts
  - The top three LinkedIn posts, based on impressions and reactions, in the month of August were:
    - 8/19 CBP Expo
    - 8/15 Metropolitan Water District General Manager Adel Hagekhalil at BIA Conference
    - 8/1 CBP Program Manager Opportunity
- For the month of August, there were 8,713 searches for a park in IEUA’s service area on Yelp and the Chino Creek Wetlands and Educational Park was viewed 502 times.

#### Education and Outreach Updates

- Staff has begun scheduling in-person and virtual K-12 field trips for Fall.
- Staff has developed an educational program outreach plan and is beginning the process of scheduling another road show for school districts to learn about Agency programs.
- Staff is working on closing out the last year of the Garden in Every School® program.
  - Randall Pepper Elementary in Fontana is finishing up the final electrical work in preparation for construction to begin on their garden. Chino Basin Water Conservation District (CBWCD) will be completing the construction.
  - Our Loving Savior's gardens construction is completed. The planting will be completed following the installation of bunny fencing.
  - Staff is working with teachers on finalizing approximately nine mini grant approvals.

#### Agency-Wide Membership Updates

- Richard Lao, Senior Environmental Resources Planner, attended the Southern California Alliance of Publicly Owned Treatment Works (SCAP) Joint Air/Energy/ Biosolids Committee Meeting on July 14.
- Richard Lao, Senior Environmental Resources Planner, attended the California Association of Sanitation Agencies (CASA) Advanced Clean Vehicle Subgroup Meeting on July 18.
- Richard Lao, Senior Environmental Resources Planner, attended the California Association of Sanitation Agencies (CASA) Air Toxics Subgroup Meeting on July 18.
- Richard Lao, Senior Environmental Resources Planner, attended the Southern California Alliance of Publicly Owned Treatment Works (SCAP) Air Quality Committee Meeting on July 19.
- Richard Lao, Senior Environmental Resources Planner, attended the California Association of Sanitation Agencies (CASA) Biosolids Regulatory Workgroup Meeting on July 21.
- Richard Lao, Senior Environmental Resources Planner, attended the California Association of Sanitation Agencies (CASA) Water Regulatory Workgroup Meeting on July 21.
- Richard Lao, Senior Environmental Resources Planner, attended the California Association of Sanitation Agencies (CASA) Air Quality, Climate Change, & Energy (ACE) Workgroup Meeting on July 28.