



Memorandum

To:	Chino Basin Watermaster
From:	Veva Weamer and Mark Wildermuth PE
Date:	April 1, 2016
Subject:	Chino Basin Watermaster submittal of the water year 2015 reporting requirements for adjudicated basins pursuant to the Sustainable Groundwater Management Act

Pursuant to the Sustainable Groundwater Management Act (SGMA) requirements for adjudicated basins, as described in California Water Code Section 10720.8(f), the Chino Basin Watermaster (Watermaster) is preparing to submit the annual reporting information for water year 2015. The initial annual reporting requirements for adjudicated basins are due to the California Department of Water Resources (DWR) by April 1, 2016 and include the following:

- General Watermaster information
- Digital copies of the final Judgment and other judicial orders or decrees entered to the court on or before April 1, 2016
- Water data for water year 2015 (October 1, 2014 to September 30, 2015)

The annual reporting requirements will be submitted using the DWR Adjudicated Basin Annual Reporting System—a password-secured, online submission system, accessible at <http://sgma.water.ca.gov/adjudbasins>. The DWR Adjudicated Basin Annual Reporting System facilitates the submission of all reporting requirements for adjudicated basins and consists of a standardized reporting template to enter all of the required information, including the ability to upload supporting documents and reports. The standardized reporting template includes sections to upload specific required information as well as optional information that is required for reporting under the SGMA legislation.

This memorandum describes all of the information that Wildermuth Environmental, (WEI) proposes to submit to the DWR using the Adjudicated Basin Annual Reporting System on behalf of the Watermaster to satisfy the water year 2015 reporting requirements for the Chino Basin. If the information and/or reports proposed for submittal to the DWR are not required, it is specified as such within this memorandum.

General Watermaster Information and Digital Copies of the Final Judgment, Other Judicial Orders

The following information and digital documents will be submitted in the *Watermaster Information* section of the DWR Adjudicated Basin Annual Reporting System. The DWR Adjudicated Basin Annual Reporting System language is in ***bold italics*** and the proposed information for submittal is shown in regular text.

Adjudicated Area Information

- ***Adjudicated Area Name:*** Chino Basin
- ***Court Case Information:***
 - ***Name:*** Chino Basin Municipal Water District v. City of Chino et al., San Bernardino Superior Court
 - ***Number:*** 16437
 - ***Date:*** January 27, 1978
- ***Bulletin 118 Groundwater Basins:*** 8-02.01 Upper Santa Ana Valley – Chino
- ***Submit electronic copy of your governing final judgment and any amendments.***

The following digital documents will be submitted:

- Final Judgment – Chino Basin Municipal Water District v. City of Chino et al., San Bernardino Superior Court, No. 16437. Signed January 27, 1978.
- 2012 Restated Judgment – Chino Basin Municipal Water District v. City of Chino et al., San Bernardino Superior Court, Case No. RCV 51010. September 2012.
- First Amendment to 2012 Restated Judgment - Overlying (Non-Agricultural) Pool Committees Motion Regarding Amendment to the Judgment Relating to Quorum and Voting of the Non-Agricultural (Overlying) Pool Committee. Case No. RCVR 51010. July 11, 2014.
- Second Amendment to 2012 Restated Judgment – Amendments to Judgment and Rules and Regulations Regarding Compensation of Watermaster Board Member. Case No. RCVR 51010. August 22, 2014. Wa
- ***Submit a zipped shapefile of your Watermaster adjudication boundary.***
This item is optional. A shapefile of the Chino Basin adjudicated basin will be submitted.
- ***Additional Info Website:*** www.cbwm.org

Watermaster Office Information

- ***Watermaster Office Name:*** Chino Basin Watermaster
- ***Address:*** 9641 San Bernardino Road
- ***City:*** Rancho Cucamonga
- ***Zip:*** 91730
- ***Phone:*** 909-484-3888
- ***Fax:*** 909-484-3890
- ***Office Email:*** info@cbwm.org

Point of Contact Information

- **Point of Contact Name:** Peter Kavounas – General Manager
- **Address:** 9641 San Bernardino Road
- **City:** Rancho Cucamonga
- **Zip:** 91730
- **Phone:** 909-484-3888
- **Email:** pkavounas@cbwm.org

Water Data for Water Year 2015

The following Chino Basin water year 2015 (October 1, 2014 – September 30, 2015) data and digital documents will be submitted. The DWR Adjudicated Basin Annual Reporting System language is in **bold italics** and the information for submittal is shown in regular text.

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

Is water level data submitted to the CASGEM Program? Yes

Does the watermaster collect or receive additional groundwater levels? Yes

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

Total Groundwater Extraction (AF): 144,100

Groundwater Extraction by water use sector (if available):

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

Sector	Volume (AF)	Explanation
Urban	123,887	Appropriative Pool (Pool 3)
Agricultural	17,052	Agricultural Pool (Pool 1)
Other Sector	3,161	Non-Agricultural Pool (Pool 2)

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

Surface Water Supply (AF): 20,306

Method used to determine: Metered data is recorded daily for imported water and recycled water deliveries to recharge basins. Stage sensors in the recharge basins are used to calculate volumes of storm water and urban runoff.

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

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

<i>Source Type</i>	<i>Volume (AF)</i>	<i>Explanation</i>
<i>Local Surface Deliveries</i>	9,430	Storm water and urban runoff
<i>State Water Project Deliveries</i>	0	SWP water from Silverwood Lake Reservoir
<i>Recycled Water</i>	10,876	Effluent from IEUA Facilities RP-1 & RP-4

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

Total Water Use (AF): 287,813

Method used to determine: Total water use data were collected from all parties in the Chino Basin. Many of the Chino Basin appropriative pool parties have service areas that extend outside the Chino Basin adjudicated boundary. The total water use represents the sum of total water use by parties to the Chino Basin judgment. The proportion of the total water use that is used inside the Chino Basin adjudicated boundary is not quantified by Watermaster.

Water Use met by source type:

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

<i>Type</i>	<i>Volume (AF)</i>
<i>Groundwater</i>	194,509 ¹
<i>Surface water</i>	9,252
<i>Recycled or reused water</i>	22,634
<i>Other</i>	61,417

(E) Annual change in groundwater storage

Change in storage (AF): -11,000

¹ Includes groundwater production from the Chino Basin adjudicated basin and other adjacent groundwater basins.

Method used to determine: The storage change during the water year of October 1, 2014 through September 30, 2015 was estimated with the Chino Basin Watermaster Chino Basin groundwater model that was recently updated by extending the calibration period from July 1, 1960 through September 30, 2015. For context, the Chino Basin Judgment and Peace Agreement contain Court-approved storage depletion provisions that would cause a change in storage for water year October 1, 2014 through September 30, 2015 of about 20,000 AF. That is, the actual change in storage of -11,000 AF is less than the planned change in storage of - 20,000 AF.

The 20,000 AF is comprised of 5,000 AF from court approved overdraft from the Original Judgment and the remainder is from court ordered overdraft to secure hydraulic control.

Time period for change: **Start date:** 10/1/2014 **End date:** 9/30/2015

(F) The annual report submitted to the court

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

The most recently published Chino Basin Watermaster Annual Report for fiscal year 2012/2013 will be submitted. Subsequent Annual Reports will be submitted for succeeding April 1 annual reporting requirements as they are completed.

Please submit additional reports or documents:

The submittal of this information is optional; this memorandum will be submitted herein. Additional Chino Basin Watermaster engineering and legal reports are available for public download on Watermaster's website at www.cbwm.org