

**REGULAR MEETING OF THE
CENTRAL BASIN WATERMASTER
WATER RIGHTS PANEL
PROGRESS PARK
BOARD ROOM
15500 DOWNEY AVE., PARAMOUNT CA 90723**

1:30 PM, THURSDAY, JULY 11, 2024

AGENDA

1. FLAG SALUTE

2. ROLL CALL

3. PUBLIC COMMENTS

4. CONSENT CALENDAR

*****Consent Calendar items will be considered and approved in one motion unless removed by a Water Rights Panel Member for discussion. *****

a. WATER RIGHTS PANEL MINUTES OF MAY 9, 2024

Recommendation: Approve as submitted

b. WARRANT REGISTER

Recommendation: Approve as submitted

*****End of Consent Calendar*****

5. RESOLUTION FOR 2024 WATER RIGHTS PANEL ELECTION

Toby Moore- Chair, Water Rights Panel, Golden State Water Company

6. TREASURER'S REPORT

Derek Nguyen – City of Lakewood

7. ADMINISTRATIVE BODY REPORT

Esther Rojas – Water Replenishment District

- Monthly Water Rights Activity Update

- 2024-25 AY Watermaster Invoices

- Abandoned Water Rights

- Other Announcements

8. ATTORNEY'S REPORT

James Markman – RWG Law

9. SECRETARY'S REPORT

Jackie Ramirez – Water Replenishment District

10. WATER METER TESTING

Jackie Ramirez – Water Replenishment District

11. WRITTEN COMMUNICATIONS

12. AGENDA ITEMS FOR THE SEPTEMBER 12, 2024 WATER RIGHTS PANEL MEETING

13. WATER RIGHTS PANEL MEMBER COMMENTS

The next regular meeting of the Central Basin Watermaster Water Rights Panel will be on Thursday, September 12, 2024, 1:30 PM, Progress Park Board Room, 15500 Downey Ave., Paramount, CA 90723

AGENDA ITEM 4A

MINUTES OF THE REGULAR MEETING OF THE CENTRAL BASIN WATERMASTER WATER RIGHTS PANEL

PROGRESS PARK, BOARD ROOM
15500 DOWNEY AVE PARAMOUNT CA

1:30 P.M, THURSDAY, MAY 9, 2024

Chair Moore called the meeting of the Central Basin Watermaster Water Rights Panel to order at 1:39 pm.

1. PLEDGE OF ALLEGIANCE

Chair Moore led the pledge of allegiance.

2. ROLL CALL

Panel Members

Steve Lenton	Bellflower-Somerset Mutual Water Company
Dan Mueller	City of Downey
Derek Nguyen	City of Lakewood
Anatole Falagan	City of Long Beach
Adriana Figueroa	City of Paramount
Thomas Bekele	City of Signal Hill (Absent)
Toby Moore	Golden State Water Company

Also Present

Matt Qassis	LADWP
Chris Castillo	City of South Gate
Matt Tryon	Pico Water District
Henry Barrientos	Pico Water District
Jim Markman	RWG Law
Jackie Ramirez	Water Replenishment District (Secretary)
Esther Rojas	Water Replenishment District
Asha Kreiling	Water Replenishment District
Aimee Zhao	Water Replenishment District

3. PUBLIC COMMENTS

No public comments were received.

4. CONSENT CALENDAR

Chair Moore entertained a motion to approve Item 4. The motion was made by Vice Chair Falagan and seconded by Panel Member Lenton

The motion for item 4a was approved by a unanimous voice vote of 6 ayes, 0 abstention, and 0 no's (6-0-0) on item 4b voice vote of 4 ayes, 2 abstentions from

Panel Member Figueroa and Mueller due to being absent from prior meeting and 0 no's.

5. CENTRAL BASIN WATER RIGHTS PANEL ELECTION

Chair Moore (Golden State Water Company) presented an overview of this item.

The Term of the following three members of the Water Rights Panel expires on June 30, 2024:

1. A Member of the Panel elected by Parties with Allowed Pumping Allocation (APA) of less than 5,000 acre feet who is not a member of the Small Water Producers Group;
2. A Member of the Panel elected by Parties with APA of at least 5,000 acre feet, but less than 10,000 acre feet; and
3. A Member of the Panel elected by all Parties holding APA.

At the March meeting the Panel approved the Water Replenishment District to assist in election and tally the votes from the Central Basin Water Rights Panel. At this meeting, the Panel approved three (3) election tellers to conduct the election and tally the votes received from Central Basin water rights holders. The election tellers were Jackie Ramirez (Water Replenishment District), Asha Kreiling (Water Replenishment District), and Aimee Zhao (Water Replenishment District).

Ballots were mailed out to all Central Basin water rights holders and were accepted up to the start of the Panel's May 9th meeting. The election tellers and Panel secretary conducted the election and tallied the votes received to fill three (3) seats for a four-year term through June 30, 2024. The following are the results of the count of the received ballots:

Official Results

1. City of Whittier– 13,907.03 APA votes were elected by Parties with APA of less than 5,000 acre feet who is not a member of the Small Water Producers Group.
2. City of Lakewood – 38,851.00 APA votes were elected by Parties with APA of at least 5,000 acre feet, but less than 10,000 acre feet.
3. City of Vernon – 93,596.33 APA votes were elected by all Parties holding APA.

Vice Chair Falagan requested that the election process be improved next time. Adding a form for nomination and then an election ballot will help simplify the process. There was a lot of confusion among water right holders regarding interest in running for the Panel seat. Having a standalone nomination form will allow for Water Right Holders to show their interest in a Panel seat as well as advising other Water Right Holders who are interested in participating on the Panel.

The resolution with new members will be voted for at the July meeting.

6. TREASURER'S REPORT

Treasurer Nguyen presented the Treasurer's Report.

The Water Replenishment District's summary reports showed the activities from Fiscal Year from July 1, 2023, to April 18, 2024. As of April 18, payments totaling \$35,803.49 were processed leaving a balance of \$645,044.14.

The CBWRP summary tables showed payments broken down into four types of services: Administrative Services, Meter Testing, Legal Services, and Miscellaneous. For the 2023-2024 Fiscal Year, the February and March payments totaled \$18,772.02, bringing the overall 2023-2024 Fiscal Year expenditures to \$62,457.09; the current account balance is \$89,442.91 approximately 58.9% of the total budget.

Chair Moore entertained a motion to receive and file the Treasurer's Report. The motion was made by Panel Member Mueller and seconded by Panel Member Figueroa.

The motion was approved by a unanimous voice vote of 6 ayes, 0 abstentions, and 0 no's (6-0-0).

7. ADMINISTRATIVE BODY REPORT

Esther Rojas provided an update on the status of the Administrative Body.

2023 – 2024 Groundwater Pumping

For Administrative Year (AY) 2023-24 through the end of March, Central Basin groundwater pumping was 115,333.78 acre-feet (af), which is 6.6% less than the same period in the previous AY. The decrease can be attributed to the increase in precipitation and storage withdrawals.

2023 – 2024 Water Rights Activity

For AY 2023-24 through May 1st, there were 34 leases processed transferring 17,528.60 af of rights, of which 28 leases are with flex and 6 leases without flex.

There were 3 sale transactions transferring a total of 117.00 af in AY 2023-24.

2023– 2024 Storage Activity

For Administrative Year (AY) 2023-24 a total of 23,438.40 af have been withdrawn from storage.

Watermaster Budget

Staff mailed the 2024-25 Administrative Body Budget letters on March 26th. There was an increase to the labor category of 2.5% resulting in in the total budget increase of 2.3%. In addition, the category of "postage" is now included under "office expenses." The total budget is \$263,922. Active pumpers, entities that pumped in

the past 2 years and the current year, will pay a flat fee of \$20 plus a proportion of \$1.23 per acre-foot based on their APA. Water rights holders had until April 19th to submit any objections in writing. No objections were received. Staff recommends the Administrative Body is approved. Consolidated invoices are expected to be mailed in early June once the Panel approves their budget and assessment.

Other Announcements

Staff will email water rights worksheets to all right holders later this month. Water right holders have until August 15 to submit any lease agreements, deeds (sales), and carryover into storage requests for the 2023-24 administrative year.

Panel Member Figueroa sought clarification on the prior year's administrative body assessment and Secretary Ramirez answered with \$1.22, the assessment only increased by one cent.

Chair Moore entertained a motion to approve and file the Administrative Body Report and the Administrative Body Assessment. The motion was made by Panel Member Figueroa and seconded by Panel Member Mueller.

The motion was approved by a unanimous voice vote of 6 ayes, 0 abstentions, and 0 no's (6-0-0).

8. ATTORNEY'S REPORT

Attorney Markman had nothing to report regarding the Panel, however provided insight on issues occurring with SGMA.

9. SECRETARY'S REPORT

Secretary Ramirez had nothing to report.

10. WATER METER TESTING

Secretary Ramirez presented the meter testing report summaries for February and March 2024. During this period, 44 meters were tested, and 44 meters were determined to be within the acceptable margin of error.

Chair Moore entertained a motion to accept the meter testing report. The motion was made by Panel Member Lenton and seconded by Panel Member Figueroa.

The motion was approved by a unanimous voice vote of 6 ayes, 0 abstentions, and 0 no's (6-0-0).

11. FY 2024-25 BUDGET AND WATER RIGHTS PANEL ASSESSMENT

Treasurer Nguyen went over the three options that the Ad Hoc committee discussed for the Water Rights Panel Budget and Assessment. The budget criteria are to maintain a minimum budget reserve of \$100,000 and minimum reserves of \$600,000. The assessment options ranged from \$0.25 cents, \$0.35 cents, and \$0.45 cents.

The Ad Hoc Committee recommended an assessment of \$0.25 cents per acre-foot that will leave an estimated balance of \$533,543 at the end of the FY 2024-25. In prior years the Panel budgeted \$151,900, but have not nearly used half of the budgeted amount, and the Ad Hoc Committee does not expect to use that full budgeted amount next year, which would result in the carryover funds being over \$600,000

Chair Moore entertained a motion to approve the Panel Budget and Assessment. The motion was made by Panel Member Lenton and seconded by Vice Chair Falagan.

The motion was approved by a unanimous voice vote of 6 ayes, 0 abstentions, and 0 no's (6-0-0).

12. WRITTEN COMMUNICATIONS

None.

13. AGENDA ITEMS FOR THE JULY 11, 2024 WATER RIGHTS PANEL MEETING

The election certification and introduction of new members at the next Panel meeting.

14. WATER RIGHTS PANEL MEMBER COMMENTS

Panel Member Figueroa thanked the Panel for being very welcoming when she took over Chris Cash's term for Paramount six years ago. She thanked everyone for having confidence in her and expressed how important the Panel's work is. Unfortunately, she has a lot going on with City of Paramount and was happy to see someone who wanted to take over the seat.

Chair Moore made a comment on the annual reports that are submitted to DWR under SGMA for adjudicated basins. The reporting is currently completed by WRD for both Central and West, however the reporting system is going to change and that will no longer allow WRD to submit one combined report. WRD and other pumpers are going to work with DWR on how to figure out how the reporting will be completed going forward.

In addition, Chair Moore spoke on well permitting issues he has been experiencing with LA County. He believed that LA County was overstepping their terms in respect to what the Panel handles. LA County now requests a letter from WRD that states they are a water rights holder before the pumper can receive a permit. The letter was provided by WRD to LA County but have not been able to move forward.

Attorney Markman mentioned litigation issues that occurred with LA County and a country club in Santa Monica Basin that did not go through the SGMA process with getting permissions. Now, they are most likely trying to take the proper precautions to ensure all boxes are checked before allowing anyone to construct a well.

Ms. Rojas stated that WRD conducted an audit on industrial wells within the basin to ensure that there isn't anyone pumping groundwater that shouldn't, also to encourage permittees to come to WRD when they need a non-consumptive water use permit issued. WRD had a discussion with LA County of what precautions the County can take when issuing well permits and mutual parties agreed that the permit applicant would request a letter from WRD stating the entity/individual is a water rights holder to provide to the County.

Chair Moore stated he would take the issue up to a higher level at LA County and see what they need to do to get permitted.

Ms. Rojas stated that WRD was open to feedback in other processes with the County that can ensure everyone getting a well permit in Central Basin is a water rights holder or permitted with WRD. No further discussion was had.

Regular Meeting was adjourned at 2:41 pm.

CHAIRMAN

ATTEST:

SECRETARY

AGENDA ITEM 4B

ITEM 4b

Central Basin Watermaster Water
Rights Panel

Invoice Register

July 11, 2024

<u>Vendor Name</u>	<u>Description</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>Amount</u>
CA Dept. of Water Resources	Well Meter Testing – April 2024	1093	5/6/2024	\$3,600.00
CA Dept. of Water Resources	Well Meter Testing – May 2024	1094	6/7/2024	\$5,400.00
Richards, Watson, Gershon	General Legal Services to the Water Rights Panel – May 2024	248180	6/11/2024	\$1,990.15
			TOTAL	\$10,990.15

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Southern Region Office

INVOICE No. 1093

Sold to: Central Basin Water Rights Panel **Date:** 5/6/2024

Company: Central Basin Water Rights Panel

Address: c/o Water Replenishment District, 4040 Paramount Blvd.

City, State, Zip: Lakewood, CA 90712

Phone: (562) 989-7351 **Fax:** _____

Invoice issued by: Abi Aderonmu Phone: 818-621-5728

Description of Service Provided				
Date	Quantity	Item	Unit Cost	Total Cost
4/1/24 - 4/5/24	3	Meter Tests in Central Basin, April, 2024	\$300.00	\$900.00
4/8/24 - 4/12/24	1	Meter Tests in Central Basin, April, 2024	\$300.00	\$300.00
4/15/24 - 4/19/24	1	Meter Tests in Central Basin, April, 2024	\$300.00	\$300.00
4/22/24 - 4/26/24	7	Meter Tests in Central Basin, April, 2024	\$300.00	\$2,100.00
			\$300.00	
TOTAL AMOUNT DUE				\$3,600.00

Comments:	Project:	Water Meter Testing Services in the Central Basin DWR Contract #333182		
	Customer No.:	400550	Approved:	
				
			Derek Nguyen, Director of Water Resources	5-17-2024 Date

Payment Instructions

Please :

- * Make your check payable to the Department of Water Resources
- * Return a copy of this invoice with your payment

Mail the items to: Department of Water Resources
Attn: Cashier
PO Box 942836
Sacramento, CA. 94236-0001

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Southern Region Office

INVOICE No. 1094

Sold to: Central Basin Water Rights Panel **Date:** 6/7/2024

Company: Central Basin Water Rights Panel


Address: c/o Water Replenishment District, 4040 Paramount Blvd.

City, State, Zip: Lakewood, CA 90712

Phone: (562) 989-7351 **Fax:** _____

Invoice issued by: Abi Aderonmu Phone: 818-621-5728

Description of Service Provided				
Date	Quantity	Item	Unit Cost	Total Cost
5/1/25 - 5/3/24	3	Meter Tests in Central Basin, May, 2024	\$300.00	\$900.00
5/6/24 - 5/10/24	7	Meter Tests in Central Basin, May, 2024	\$300.00	\$2,100.00
5/13/24 - 5/17/34	2	Meter Tests in Central Basin, May, 2024	\$300.00	\$600.00
5/20/24 - 5/24/24	3	Meter Tests in Central Basin, May, 2024	\$300.00	\$900.00
5/27/24 - 5/31/24	3	Meter Tests in Central Basin, May, 2024	\$300.00	\$900.00
TOTAL AMOUNT DUE				\$5,400.00

Comments:	Project:	Water Meter Testing Services in the Central Basin DWR Contract #333182	
	Customer No.:	400550	Approved:
			
		Derek Nguyen, Director of Water Resources	6-12-2024 Date

Payment Instructions

Please :

- * Make your check payable to the Department of Water Resources
- * Return a copy of this invoice with your payment

Mail the items to: Department of Water Resources
Attn: Cashier
PO Box 942836
Sacramento, CA. 94236-0001



T 213.626.8484
 F 213.626.0078
 Fed. I.D. No. 95-3292015

350 South Grand Avenue
 37th Floor
 Los Angeles, CA 90071

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

CENTRAL BASIN WATER RIGHTS PANEL
 C/O DEREK NGUYEN, DIRECTOR OF WATER
 RESOURCES
 CITY OF LAKEWOOD
 5050 CLARK AVENUE
 LAKEWOOD, CA 90712

Invoice Date: June 11, 2024
 Invoice Number: 248180
 Matter Number: 12902-0001

Re: 12902-0001 GENERAL LEGAL SERVICES TO WATER RIGHTS PANEL

For professional services rendered through May 31, 2024

Time Detail

<u>Date</u>	<u>Initials</u>	<u>Description</u>	<u>Hours</u>
05/06/24	JLM	REVIEW PANEL MEETING AGENDA MATERIALS	0.50
05/09/24	JLM	ATTEND PANEL MEETING	2.50
05/22/24	JLM	DRAFT RESOLUTION CERTIFYING ELECTION	1.50
05/23/24	JLM	EDIT ELECTION RESOLUTION	0.80
05/24/24	JLM	COMPLETE AND TRANSMIT ELECTION RESOLUTION	0.30
Total			5.60

Timekeeper Summary

<u>Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
JAMES L. MARKMAN	5.60	350.00	1,960.00
Total	5.60		\$1,960.00

Client: CENTRAL BASIN WATER RIGHTS PANEL
Matter: GENERAL LEGAL SERVICES TO WATER
RIGHTS PANEL

Invoice Date:
Invoice Number:
Matter Number:

June 11, 2024
248180
12902-0001

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

Cost Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
05/09/24	JAMES L. MARKMAN - MILEAGE	30.15
Total		\$30.15

Client: CENTRAL BASIN WATER RIGHTS PANEL
Matter: GENERAL LEGAL SERVICES TO WATER RIGHTS PANEL

Invoice Date:
Invoice Number:
Matter Number:

June 11, 2024
248180
12902-0001

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

Current Legal Fees.....	\$1,960.00
Current Client Costs Advanced.....	\$30.15
Total Current Fees and Costs.....	\$1,990.15



T 213.626.8484
F 213.626.0078
Fed. I.D. No. 95-3292015

350 South Grand Avenue
37th Floor
Los Angeles, CA 90071

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

CENTRAL BASIN WATER RIGHTS PANEL
C/O DEREK NGUYEN, DIRECTOR OF WATER
RESOURCES
CITY OF LAKEWOOD
5050 CLARK AVENUE
LAKEWOOD, CA 90712

Invoice Date: June 11, 2024
Invoice Number: 248180
Matter Number: 12902-0001

Re: 12902-0001 GENERAL LEGAL SERVICES TO WATER RIGHTS PANEL

For professional services rendered through May 31, 2024

Fees	1,960.00
Costs	30.15
Total Amount Due	\$1,990.15

Approved:

Derek Nguyen, Director of Water Resources

6-12-2024

Date

TERMS: PAYMENT DUE UPON RECEIPT

PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE TO

RICHARDS, WATSON & GERSHON
350 South Grand Avenue, 37th Floor
Los Angeles, CA 90071

AGENDA ITEM 5

CENTRAL BASIN WATER RIGHTS PANEL AGENDA REPORT

Date: July 11, 2024
To: Central Basin Water Rights Panel
From: Toby Moore, Water Rights Panel Chair, Golden State Water Company

Subject: **Certify the Results of the Central Basin Water Rights Panel Election**

Recommendation:

Approve Water Rights Panel Resolution No. 2024-001 certifying the results of the May 9, 2024 election.

Discussion:

The Term of three of the members of the Water Rights Panel expired on June 30, 2024. The Panel held an election at its regularly scheduled meeting of May 9, 2024 prior to term expiration for the three effected seats. The following panel seats were up for election:

1. A Member of the Panel elected by Parties with Allowed Pumping Allocation of less than 5,000 acre-feet who is not a member of the Small Water Producers Group (previously the City of Signal Hill);
2. A Member of the Panel elected by Parties with Allowed Pumping Allocation of at least 5,000 acre-feet, but less than 10,000 acre-feet (previously the City of Lakewood); and
3. A Member of the Panel elected by all Parties holding Allowed Pumping Allocation (previously the City of Paramount).

The Panel had previously approved three (3) election tellers to conduct the election and tally the votes received from Central Basin water rights holders. The election tellers were Panel Secretary Jackie Ramirez (Water Replenishment District), Aimee Zhao (Water Replenishment District), and Asha Kreiling (Water Replenishment District).

Ballots were mailed out to all Central Basin water rights holders and were accepted up to the start of the Panel's May 9th meeting. The following are the results of the count of the received ballots:

Official Results:

1. The following votes were received from Parties with total Allowed Pumping Allocation of less than 5,000 acre-feet:

Wolfsberger, Helen/Joseph, Chris- 2.00 APA Votes
Bellflower Unified District- 306.00 APA Votes
City of Signal Hill- 1,159.30 APA Votes
City of Whittier* – 13,907.03 APA votes – **Elected**

2. The following votes were received from Parties with total Allowed Pumping Allocation of at least 5,000 acre-feet, but less than 10,000 acre-feet:

City of Lakewood * – 38,851 APA votes – **Elected**

3. The following votes were received from all Parties with Allowed Pumping Allocation:

Bellflower-Somerset Mutual Water Company– 306.00 APA Votes (1 Ballot Vote)
Wolfsberger, Helen/Joseph, Chris- 2.00 APA Votes (1 Ballot Vote)
City of Paramount- 1.00 APA Votes (1 Ballot Vote)
Los Angeles Department of Water and Power- 20,634.20 APA Votes (2 Ballot Votes)
City of Vernon * – 93,596.33 APA Votes (12 ballot votes) – **Elected**

* Elected to serve a four-year term through June 30, 2028.

Attachment(s):

1. Central Basin Water Rights Panel Resolution No. 2024-001.

RESOLUTION NO. 2024-__

A RESOLUTION OF THE CENTRAL BASIN WATER RIGHTS PANEL RECITING THE FACT OF THE WATER RIGHTS PANEL ELECTION HELD ON MAY 9, 2024, DECLARING THE RESULTS AND SUCH OTHER MATTERS AS PROVIDED BY LAW

WHEREAS, a Central Basin Water Rights Panel (“Panel”) member election was held and conducted on Thursday, May 9, 2024 as required by the Third Amended Judgment entered in *Central and West Basin Water Replenishment District v. Charles E. Adams, et al.*, Los Angeles County Superior Court Case No. 786656 (“the Judgment”); and

WHEREAS, notice of the election was given in time, form and manner as provided by the Judgment and duly adopted Panel rules and that in all respects the election was held and conducted and the votes were cast, received and canvassed and the returns made and declared in time, form and manner as required by the provisions of the Judgment and the Panel rules; and

WHEREAS, the Secretary to the Panel canvassed the returns of the election and has certified the results to the Panel, and the results are received, attached and made a part hereof as Exhibit “A”.

NOW, THEREFORE, THE CENTRAL BASIN WATER RIGHTS PANEL DOES RESOLVE, AS FOLLOWS:

Section 1. The whole number of ballots cast in the election were 15,374.6 acre feet of Allowed Pumping Allocation (“APA”) for the Panel position held by Parties with APA of less than 5,000 acre feet, not a member of the Small Water Producers Group, 38,851 acre feet of APA for the Panel position held by Parties with APA of at least 5,000 acre feet, but less than 10,000 acre feet and 17 votes for the Panel position elected by all Parties with APA on the basis of one vote for each Party.

Section 2. The Panel does declare and determine that the City of Whittier was elected as the Panel member having less than 5,000 APA, not a member of the Small Water Producers Group, the City of Lakewood was elected as the Panel member having at least 5,000 APA, but less than 10,000 APA and that the City of Vernon was elected as the Panel member selected by all Parties with APA on the basis of one vote for each Party. Each Party so elected shall serve a four year term from July 1, 2024 through June 30, 2028.

Section 3. The Secretary to the Panel shall certify to the passage and adoption of this resolution and maintain it in the official records of the Panel.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Panel on this 11th day of July, 2024.

Toby B. Moore, Panel Chairman

ATTEST:

Jackie Ramirez, Panel Secretary

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF PARAMOUNT)

I, Jackie Ramirez, Secretary of the Central Basin Water Rights Panel, hereby certify that Resolution No. 2024-___ was adopted by the Panel at a regular meeting held on the 11th day of July, 2024, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Panel Secretary

EXHIBIT “A”

Central Basin Water Rights Panel Election held May 9, 2024

Official Results

1. The following party is elected by Parties with total Allowed Pumping Allocation of less than 5,000 acre feet who is not a member from the Small Water Producers Group:

The City of Whittier* - 13,907.03 APA votes

2. The following party is elected by Parties with total Allowed Pumping Allocation of at least 5,000 acre feet, but less than 10,000 acre feet:

The City of Lakewood* - 38,851 APA votes

3. The following party is elected by all Parties with Allowed Pumping Allocation:

a. City of Vernon* - 12 votes

*Elected to serve a four-year term through June 30, 2028.

AGENDA ITEM 6

CENTRAL BASIN WATER RIGHTS PANEL AGENDA REPORT

Date: July 11, 2024
To: Central Basin Water Rights Panel
From: Esther Rojas, Water Replenishment District
Subject: **Administrative Body Report and AY 2024-2025 Budget**

Recommendation:

Receive and File the Monthly Water Rights Activity.

Discussion:

The Panel will receive a report from Esther Rojas of the Water Replenishment District, as the Administrative Body for the Central Basin Watermaster, updating the following items:

- 1. AY 2023-2024 Groundwater Pumping**
- 2. AY 2023-2024 Water Rights Activity**
- 3. AY 2023-2024 Storage Activity**
- 4. AY 2024-2025 Watermaster Invoices**
- 5. Abandoned Water Rights**
- 6. Other announcements**

Attachment(s):

1. Administrative Body Report

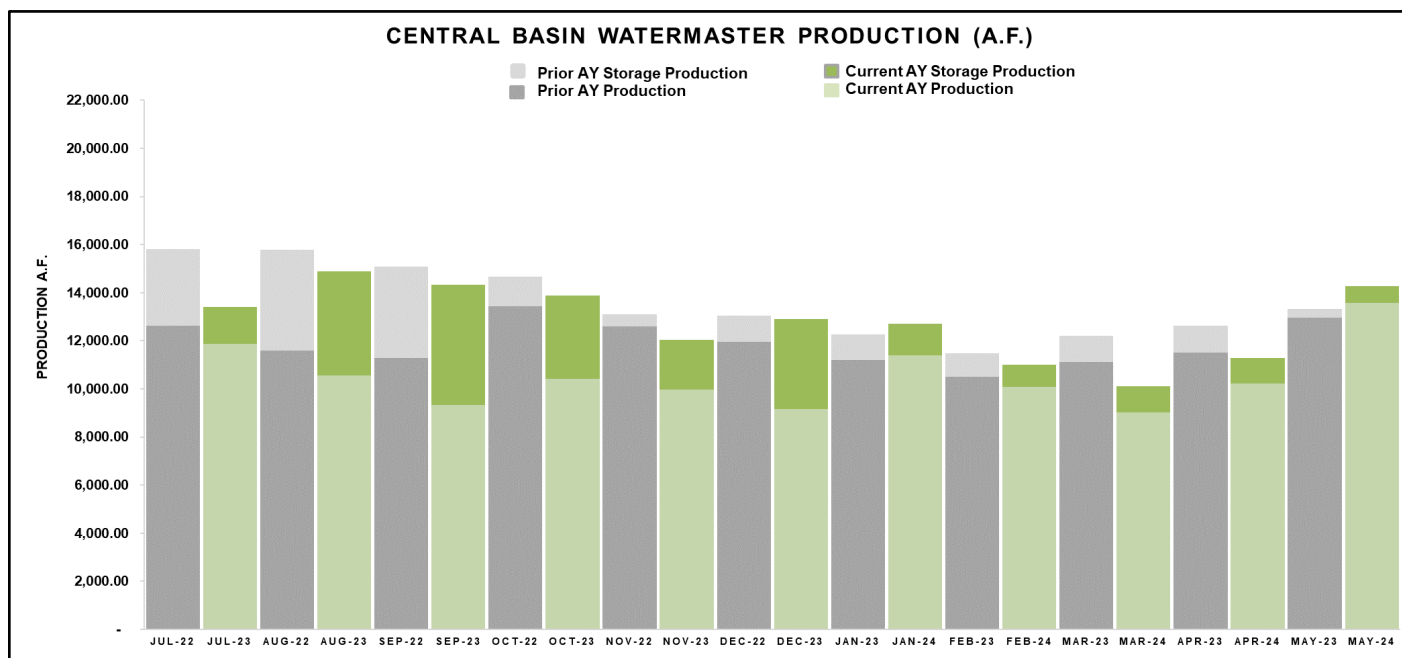
CENTRAL BASIN WATERMASTER ADMINISTRATIVE BODY



Date: July 11, 2024
To: Central Basin Water Rights Panel
From: Esther Valle Rojas, Manager of Watermaster & Water Resources
Subject: Administrative Body Report

Groundwater Pumping:

For Administrative Year (AY) 2023-24 July through May, Central Basin groundwater pumping was 140,826.14 af, which is 5.7% or 8,509.51 af less than the previous AY, this includes 25,192.67 af of storage production (details below). The production decrease may be attributed to the increase in precipitation. The chart below summarizes and compares AY 2022-23 and AY 2023-24 pumping. The "Central Basin Production Trends" table attached provides pumping by entity/party.



Water Rights Activity:

As of July 1, for AY 2023-24, there were 39 leases processed transferring 19,620.60 af of rights, of which 32 leases are with flex (retain 60% carryover provision) and 7 leases without flex. A detailed list of leases is included in the "Lease Report" table attached.

In addition, there were five sales permanently transferring a total of 117.00 af. Details of the sales are included in the "Sales Report" table attached.

Storage Activity:

A total of 25,192.67 af has been withdrawn from storage this AY 2023-24. The table below lists the storage production:

Storage Withdrawals 2023-24			
Month	Year	Entity	Storage Draw (af)
July	2023	LADWP	1.53
July	2023	Downey	670.00
July	2023	Long Beach	859.28
August	2023	Long Beach	2,689.68
August	2023	Downey	1,000.00
August	2023	Lakewood	637.06
August	2023	LADWP	1.44
September	2023	South Gate	687.18
September	2023	LADWP	1.24
September	2023	Lakewood	679.72
September	2023	Downey	1,000.00
September	2023	Long Beach	2,621.06
October	2023	LADWP	1.34
October	2023	Lakewood	567.03
October	2023	South Gate	686.89
October	2023	Long Beach	2,190.36
November	2023	South Gate	635.85
November	2023	LADWP	1.22
November	2023	Lakewood	510.21
November	2023	Long Beach	924.11
December	2023	LADWP	1.12
December	2023	South Gate	590.40
December	2023	Downey	670.00
December	2023	Lakewood	497.70
December	2023	Long Beach	1,994.75
January	2024	Lakewood	423.08
January	2024	South Gate	599.48
January	2024	LADWP	1.47
January	2024	Long Beach	284.38
February	2024	LADWP	1.29
February	2024	Lakewood	362.97
February	2024	South Gate	551.48
March	2024	Lakewood	433.23
March	2024	LADWP	1.64
March	2024	South Gate	660.21
April	2024	LADWP	1.25
April	2024	South Gate	596.67
April	2024	Lakewood	452.99
May	2024	LADWP	1.63
May	2024	South Gate	150.84
May	2024	Lakewood	550.89
		Total	25,192.67

Watermaster Invoices:

- The Panel approved the AY 2024-25 Administrative Body Budget and the Panel Assessment during the May meeting. Subsequently, the Administrative Body staff mailed the AY 2024-25 consolidated Watermaster invoices on June 5, payments are due on July 17. Please submit your payment prior to the due date to avoid a 5% late fee, which is in accordance with the Judgment.

Abandoned Water Rights

- Lincoln Memorial Park owns 34.00 af of APA, however it seems they have abandoned their rights. It is our understanding that the owner canceled their state licenses with the Cemetery and Funeral Bureau in August 2023, the cemetery is considered unlicensed, abandoned and outside of the Bureau's regulatory authority (August 2, 2023). May 2023 was the last production reported to WRD, they paid their invoice and have no outstanding balance. We've sent multiple emails with no response, and the phone number on file has been disconnected. Staff would like guidance from the Panel on how they would like to proceed or discuss next steps, if any.

Other/Announcements:

- Reminder! Water rights holders have until August 15 to submit any lease agreements, deeds (sales), and carryover into storage requests for it to count in the 2023-24 AY.
- To assist parties, maximize their rights, staff emailed, on May 30, a comprehensive summary of active pumpers water rights through March 2024 and an individual water rights worksheet that will assist pumpers in running their water rights scenarios. We hope that the comprehensive summary of water rights for all active pumpers in the Central Basin will provide an opportunity to collaborate with one another and assist with maximizing water rights usage before the end of the 2023-24 AY, if desired.
- Our water rights calculator available at <https://rights.wrd.org> is a great tool to manage your water rights. When you visit the website, from the drop-down menu select your entity and it will take you to a homepage for your rights, on the homepage you will immediately see your historical production, summary of your water rights in use and in storage, and if you scroll further down the calculator, you can insert your current or expected year-end numbers and run various scenarios for your rights. Please contact us if you have any questions or would like to schedule time for a one-on-one overview of your rights.

Central Basin Production Trends

Central Basin	July 2022 - May 2023	July 2023 - May 2024	Difference	%Change
ABC USD	14.83	10.23	-4.60	-44.97
American Text. M.	52.17	55.64	3.47	6.24
Artesia, City	7.70	1.80	-5.90	-327.78
Atlas Iron and Metal Co.	0.27	0.27	.00	0.00
Bell Gardens, City	0.00	0.00	.00	0.00
Bellflower Home Garden	0.00	0.00	.00	0.00
Bellflower, City	231.98	0.00	-231.98	-100.00
Bellflower-Somerset MWC	4,272.71	4,313.58	40.87	0.95
Boeing Co.	29.90	95.32	65.42	68.63
Boeing, Compton Site	36.30	53.07	16.77	31.60
Cal. American Water Co. Alpha 0679	1,371.45	1,785.09	413.64	23.17
Cal. Water Service Co. (East LA)	9,805.08	10,434.08	629.00	6.03
Cal. Water Service Co. Dominguez - CB	669.91	991.58	321.67	32.44
Caltrans	4.38	11.21	6.83	60.93
Central Basin MWD	0.00	0.00	.00	0.00
Cerritos, City	6,491.49	6,295.61	-195.88	-3.11
Coast Packing Co.	129.19	122.54	-6.65	-5.43
Commerce, City	468.49	1,448.00	979.51	67.65
Compton, City	6,126.21	5,953.03	-173.18	-2.91
Darling-Delaware Co.	0.00	0.00	.00	0.00
Defense Logistic Agency	2.36	3.52	1.16	32.95
Demunno Kerdoon	1.22	2.13	.91	42.72
Downey, City	12,076.59	11,987.28	-89.31	-0.75
El Rancho Unified School District	0.00	0.00	.00	0.00
Furr, Nancy J.	0.04	0.00	-.04	-100.00

Central Basin	July 2022 - May 2023	July 2023 - May 2024	Difference	%Change
Golden State Water Co. - CB	16,523.75	15,865.89	-657.86	-4.15
Huntington Park, City - Alpha 2378	2,417.04	2,394.09	-22.95	-0.96
L.A. County Department of Parks	0.00	0.00	.00	0.00
LA County Rancho Los Amigos	165.92	189.68	23.76	12.53
La Habra Heights County WD	1,992.78	1,862.01	-130.77	-7.02
Lakewood - City	5,811.47	5,800.74	-10.73	-0.18
Liberty Utilities - CB	4,114.29	3,847.07	-267.22	-6.95
Lincoln Memorial Park	6.62	0.00	-6.62	-100.00
Little Lake Cemetery District	1.36	0.00	-1.36	-100.00
Long Beach, City - CB	26,581.47	19,037.81	-7543.66	-39.62
Los Angeles, City - CB	3,297.04	15.17	-3281.87	-21,633.95
Lunday-Thagard	0.00	0.00	.00	0.00
Lynwood Park Mutual Water Co.	58.51	23.53	-34.98	-148.66
Lynwood, City	4,029.67	4,169.97	140.30	3.36
Maywood Mutual No. 1	535.95	577.45	41.50	7.19
Maywood Mutual No. 2	803.59	841.23	37.64	4.47
Maywood Mutual No. 3	1,271.23	1,215.62	-55.61	-4.57
Montebello Land and Water Co.	2,564.73	2,589.58	24.85	0.96
Montebello, City	0.00	0.00	.00	0.00
Newark Group, Inc.	143.79	144.25	.46	0.32
Northrop Grumman	2.72	0.00	-2.72	-100.00
Norwalk, City	437.77	305.62	-132.15	-43.24
Omega OU1/OU3 LLC	0.00	4.83	4.83	100.00
Orchard Dale Water District	1,552.35	1,547.94	-4.41	-0.28
PABCO Building Products	0.00	0.00	.00	0.00
Paradise Memorial Park	6.48	5.84	-.64	-10.96
Paramount USD	3.01	1.46	-1.55	-106.16
Paramount, City	2,481.02	2,577.96	96.94	3.76

Central Basin	July 2022 - May 2023	July 2023 - May 2024	Difference	%Change
Pico Rivera, City	3,580.92	3,439.10	-141.82	-4.12
Pico Water District	2,293.80	2,243.05	-50.75	-2.26
Rockview Dairies	63.10	49.86	-13.24	-26.55
Roman Catholic Archbishop - CB	136.28	212.61	76.33	35.90
Rowland Water District	0.00	0.00	.00	0.00
San Gabriel Valley Water Co.	2,236.50	2,663.98	427.48	16.05
Santa Fe Springs, City	1,460.41	853.15	-607.26	-71.18
Sativa Water District	1.50	0.00	-1.50	-100.00
Scantlebury, Robert P.	0.30	0.19	-.11	-57.89
SFPP L.P.	0.00	0.00	.00	0.00
Signal Hill, City	670.25	1,211.38	541.13	44.67
South Gate, City	7,258.26	7,125.83	-132.43	-1.86
South Montebello Irrigation Dist	1,484.13	1,461.78	-22.35	-1.53
Southern California Edison Co. - CB	2.73	0.53	-2.20	-415.09
St. John Bosco School	21.64	7.34	-14.30	-194.82
Suburban Water Systems	1,027.12	2,013.60	986.48	48.99
Tract 180 Water Co.	1,101.18	1,105.08	3.90	0.35
Tract 349 Mutual Water Co.	559.14	570.05	10.91	1.91
Tucker, William M.	0.33	0.02	-.31	-1,550.00
Vernon, City	5,079.10	4,322.99	-756.11	-17.49
Virginia Country Club	284.52	249.91	-34.61	-13.85
Walnut Park Mutual	920.29	942.51	22.22	2.36
Whittier Union HSD	20.89	20.22	-.67	-3.31
Whittier, City	4,610.86	5,910.10	1299.24	21.98
WRD	24.12	66.79	42.67	63.89
Yamamoto, Alice	0.07	0.00	-.07	-100.00

Central Basin: Sales Report

Watermaster Administrative Year 2023-24

Party	Trasaction Type	Amount	Recordation Date		Party
Blakslee Trust	Transfer of NCO	6.66	2023-07-27	FROM	Simmons Survivors Trust
Blakslee Trust	Transfer of NCO	6.60	2023-08-31	FROM	Simmons, John George
Blakslee Trust	Transfer of NCO	6.60	2023-08-31	FROM	Simmons, Richard Bennett
Blakslee Trust	Sale	11.00	2023-08-31	FROM	Simmons, Richard Bennett
Blakslee Trust	Sale	11.00	2023-07-27	FROM	Simmons Survivors Trust
Blakslee Trust	Sale	11.00	2023-08-31	FROM	Simmons, John George
Montebello Land and Water Company	Sale	62.00	2023-08-01	FROM	Vernon Environmental Response Trust
Simmons Survivors Trust	Transfer of NCO	-6.66	2023-07-27	TO	Blakslee Trust
Simmons Survivors Trust	Transfer of NCO	-6.67	2023-07-27	TO	Simmons, John George
Simmons Survivors Trust	Transfer of NCO	-6.67	2023-07-27	TO	Simmons, Richard Bennett
Simmons Survivors Trust	Sale	-11.00	2023-07-27	TO	Blakslee Trust
Simmons Survivors Trust	Sale	-11.00	2023-07-27	TO	Simmons, John George
Simmons Survivors Trust	Sale	-11.00	2023-07-27	TO	Simmons, Richard Bennett
Simmons, John George	Transfer of NCO	6.67	2023-07-27	FROM	Simmons Survivors Trust
Simmons, John George	Sale	-11.00	2023-08-31	TO	Blakslee Trust
Simmons, John George	Sale	11.00	2023-07-27	FROM	Simmons Survivors Trust
Simmons, John George	Transfer of NCO	-6.60	2023-08-31	TO	Blakslee Trust
Simmons, Richard Bennett	Sale	11.00	2023-07-27	FROM	Simmons Survivors Trust
Simmons, Richard Bennett	Transfer of NCO	-6.60	2023-08-31	TO	Blakslee Trust
Simmons, Richard Bennett	Transfer of NCO	6.67	2023-07-27	FROM	Simmons Survivors Trust
Simmons, Richard Bennett	Sale	-11.00	2023-08-31	TO	Blakslee Trust
Vernon Environmental Response Trust	Sale	-62.00	2023-08-01	TO	Montebello Land and Water Company

Report Date: July 1, 2024

Central Basin: Lease Report

Watermaster Administrative Year 2023-24

Number of Leases: 39 (Flex: 32, No Flex: 7) : Volume: 19,620.60 acre-feet

Party	Trasaction Type	Amount	Recordation Date		Party
ABC Unified School District	Lease	-250.00	2023-05-31	TO	Cerritos, City of
Artesia Cemetery District	Lease with flex	-12.00	2023-08-31	TO	Cerritos, City of
Baker, Mary	Lease with flex	-28.00	2023-07-25	TO	Montebello Land and Water Company
Bellflower Home Garden Water Company	Lease with flex	-306.00	2019-03-05	TO	EcoGas, Inc.
Bellflower, City of	Lease with flex	-680.00	2024-06-20	TO	Bellflower-Somerset Mutual Water Company
Bellflower-Somerset Mutual Water Company	Lease with flex	680.00	2024-06-20	FROM	Bellflower, City of
Buell, Mary Dolores	Lease with flex	-1.00	2021-05-04	TO	Cerritos, City of
California Domestic Water Company	Lease with flex	-87.00	2023-07-19	TO	Montebello Land and Water Company
California Water Service Company (Dominguez)	Lease with flex	-1,250.00	2023-01-03	TO	Whittier, City of
California Water Service Company (East LA)	Lease with flex	-1,250.00	2023-01-03	TO	Whittier, City of
Cerritos, City of	Lease with flex	500.00	2022-03-07	FROM	PABCO Building Products, LLC
Cerritos, City of	Lease	1,000.00	2023-02-08	FROM	South Gate, City of
Cerritos, City of	Lease with flex	1.00	2021-05-04	FROM	Buell, Mary Dolores
Cerritos, City of	Lease	2,000.00	2023-04-05	FROM	Downey, City of
Cerritos, City of	Lease with flex	700.00	2023-01-12	FROM	Lakewood, City of Water Department
Cerritos, City of	Lease with flex	4.00	2023-08-31	FROM	Nancy Dee Keane Living Trust
Cerritos, City of	Lease	250.00	2023-05-31	FROM	ABC Unified School District
Cerritos, City of	Lease with flex	12.00	2023-08-31	FROM	Artesia Cemetery District
Cerritos, City of	Lease with flex	3.75	2023-08-23	FROM	Footbridge 1 Trust
Cerritos, City of	Lease with flex	3.75	2023-08-23	FROM	Corning Trust
Compton, City of	Lease	1,500.00	2023-01-12	FROM	Lakewood, City of Water Department
Corning Trust	Lease with flex	-3.75	2023-08-23	TO	Cerritos, City of
Downey, City of	Lease	-2,000.00	2023-04-05	TO	Cerritos, City of
EcoGas, Inc.	Lease with flex	-306.00	2019-03-06	TO	Liberty Utilities Corporation
EcoGas, Inc.	Lease with flex	306.00	2019-03-05	FROM	Bellflower Home Garden Water Company

Party	Trasaction Type	Amount	Recordation Date		Party
Footbridge 1 Trust	Lease with flex	-3.75	2023-08-23	TO	Cerritos, City of
Hathaway, Richard F, Jr.	Lease with flex	-4.07	2019-10-09	TO	La Habra Heights County Water District
Hoke, Barbara	Lease with flex	-1.50	2023-07-19	TO	Montebello Land and Water Company
Inglewood Park Cemetery	Lease with flex	-317.00	2020-05-20	TO	Liberty Utilities Corporation
Julee Margulies Metz, Jon Schwartz and Darrin Margulies Trust	Lease with flex	-3.00	2023-07-19	TO	Montebello Land and Water Company
La Habra Heights County Water District	Lease with flex	4.07	2019-10-09	FROM	Hathaway, Richard F, Jr.
Lakewood, City of Water Department	Lease	-1,500.00	2023-01-12	TO	Compton, City of
Lakewood, City of Water Department	Lease with flex	-700.00	2023-01-12	TO	Cerritos, City of
Lakewood, City of Water Department	Lease with flex	-2,000.00	2023-07-19	TO	Whittier, City of
Lakewood, City of Water Department	Lease with flex	-1,500.00	2023-07-19	TO	Whittier, City of
Liberty Utilities Corporation	Lease with flex	317.00	2020-05-20	FROM	Inglewood Park Cemetery
Liberty Utilities Corporation	Lease with flex	306.00	2019-03-06	FROM	EcoGas, Inc.
Liberty Utilities Corporation	Lease with flex	1,500.00	2024-01-10	FROM	Suburban Water Systems
Liberty Utilities Corporation	Lease with flex	500.00	2024-01-04	FROM	Pico Rivera, City of
Liberty Utilities Corporation	Lease with flex	600.00	2023-06-28	FROM	Tract 180 Mutual Water Company
Liberty Utilities Corporation	Lease with flex	500.00	2024-06-13	FROM	Suburban Water Systems
Lunday-Thagard Oil Company	Lease with flex	-212.00	2024-06-20	TO	Montebello Land and Water Company
Montebello Land and Water Company	Lease with flex	28.00	2023-07-25	FROM	Baker, Mary
Montebello Land and Water Company	Lease with flex	87.00	2023-07-19	FROM	California Domestic Water Company
Montebello Land and Water Company	Lease with flex	1.50	2023-07-19	FROM	Hoke, Barbara
Montebello Land and Water Company	Lease with flex	465.00	2024-01-18	FROM	Puente Basin Water Agency
Montebello Land and Water Company	Lease with flex	3.00	2023-07-19	FROM	Julee Margulies Metz, Jon Schwartz and Darrin Margulies Trust
Montebello Land and Water Company	Lease with flex	50.00	2023-07-19	FROM	Whittier Union High School District
Montebello Land and Water Company	Lease with flex	1.00	2024-01-18	FROM	Rowland Water District
Montebello Land and Water Company	Lease with flex	212.00	2024-06-20	FROM	Lunday-Thagard Oil Company
Montebello, City of	Lease with flex	-386.50	2023-02-15	TO	San Gabriel Valley Water Company

Party	Trasaction Type	Amount	Recordation Date		Party
Nancy Dee Keane Living Trust	Lease with flex	-4.00	2023-08-31	TO	Cerritos, City of
Orchard Dale Water District	Lease	500.00	2024-06-13	FROM	Suburban Water Systems
PABCO Building Products, LLC	Lease with flex	-500.00	2022-03-07	TO	Cerritos, City of
Pico Rivera, City of	Lease with flex	-500.00	2024-01-04	TO	Liberty Utilities Corporation
Pico Water District	Lease	-120.00	2024-03-19	TO	Virginia Country Club
Puente Basin Water Agency	Lease with flex	-465.00	2024-01-18	TO	Montebello Land and Water Company
Puente Basin Water Agency	Lease	-500.00	2021-06-15	TO	South Montebello Irrigation District
Rowland Water District	Lease with flex	-1.00	2024-01-18	TO	Montebello Land and Water Company
San Gabriel Valley Water Company	Lease with flex	386.50	2023-02-15	FROM	Montebello, City of
South Gate, City of	Lease	-1,000.00	2023-02-08	TO	Cerritos, City of
South Montebello Irrigation District	Lease	500.00	2021-06-15	FROM	Puente Basin Water Agency
Suburban Water Systems	Lease with flex	-500.00	2024-06-13	TO	Liberty Utilities Corporation
Suburban Water Systems	Lease with flex	-229.03	2024-03-06	TO	Whittier, City of
Suburban Water Systems	Lease	-500.00	2024-06-13	TO	Orchard Dale Water District
Suburban Water Systems	Lease with flex	-1,500.00	2024-01-10	TO	Liberty Utilities Corporation
Tract 180 Mutual Water Company	Lease with flex	-200.00	2024-06-20	TO	Tract 349 Mutual Water Company
Tract 180 Mutual Water Company	Lease with flex	-150.00	2022-05-12	TO	Walnut Park Mutual Water Company
Tract 180 Mutual Water Company	Lease with flex	-600.00	2023-06-28	TO	Liberty Utilities Corporation
Tract 349 Mutual Water Company	Lease with flex	200.00	2024-06-20	FROM	Tract 180 Mutual Water Company
Virginia Country Club	Lease	120.00	2024-03-19	FROM	Pico Water District
Walnut Park Mutual Water Company	Lease with flex	150.00	2022-05-12	FROM	Tract 180 Mutual Water Company
Whittier Union High School District	Lease with flex	-50.00	2023-07-19	TO	Montebello Land and Water Company
Whittier, City of	Lease with flex	1,250.00	2023-01-03	FROM	California Water Service Company (East LA)
Whittier, City of	Lease with flex	1,250.00	2023-01-03	FROM	California Water Service Company (Dominguez)
Whittier, City of	Lease with flex	1,500.00	2023-07-19	FROM	Lakewood, City of Water Department
Whittier, City of	Lease with flex	229.03	2024-03-06	FROM	Suburban Water Systems
Whittier, City of	Lease with flex	2,000.00	2023-07-19	FROM	Lakewood, City of Water Department

Report Date: July 1, 2024

AGENDA ITEM 7

CENTRAL BASIN WATER RIGHTS PANEL AGENDA REPORT

Date: July 11, 2024
To: Central Basin Water Rights Panel
From: Derek Nguyen, Ph.D., P.E., Treasurer, City of Lakewood
Subject: Treasurer's Report

Recommendation:

Receive and File.

Discussion:

This report is a summary of receivables and payables from the Central Basin Water Rights Panel (CBWRP) Trust Account. The update is provided by the Water Replenishment District (WRD), which is currently providing financial services for the Water Rights Panel. Below is the updated expenditure summary.

FY 2023-24	Previous Reported	April – May 2024		Expenditure	Budget Status	
	July-March	April	May	Total	Budget	YTD Used %
Admin Services	10,782.98			10,782.98	15,000	71.9%
Meter Testing	47,700.00	3,600.00	5,400.00	56,700.00	75,000	75.6%
Legal Services	4,474.11		1,990.15	6,464.26	30,000	21.5%
Misc./Other	-			0.00	31,900	0%
Total (UTD)	62,457.09	3,600.00	7,390.15	73,447.24	151,900	48.4%

All invoices are sent to the City of Lakewood for approval and then forwarded to the WRD for payment processing.

Attachment(s):

1. WRP Account Balance FY 23-24 (7/1/23 – 6/17/24)
2. Invoices Processed as of 6/17/24

WATER REPLENISHMENT DISTRICT OF SO CAL 2
Standard General Ledger - Bank Balances By Funds - WM
From 7/1/2023 Through 6/17/2024

Account Code	Account Title	Effective Date	Document Number	Document Description	Name	Debit	Credit
1341	MBWM CB WRP				Opening Balance	670,945.66	
		7/27/2023	1130	LEGAL SVC THRU 06/30/23 - INV #243263	RWG LAW		60.00
		7/27/2023	1131	06/23 METER TESTING - INVOICE #1085	DEPARTMENT OF WATER RESOURCES		10,500.00
		7/31/2023	JV2719	07/23 INTEREST INCOME			105.70
		8/31/2023	jv2735	08/23 INTEREST INCOME		315.46	
		9/5/2023	1132	LEGAL SVC THRU 07/31/23 - INV #243787	RWG LAW		60.00
		9/5/2023	1133	CBWRP JAN-JUL 2023 ADMIN SERVICES	WRD GENERAL FUND		4,773.99
		9/30/2023	JV2752	09/23 INTEREST INCOME		99.96	
		10/31/2023	1134	LEGAL SVC THRU 09/30/23 - INV #244633	RWG LAW		869.48
		10/31/2023	JV2772	10/23 INTEREST INCOME		102.92	
		11/14/2023	1135	09/23 METER TESTING - INVOICE #1086	DEPARTMENT OF WATER RESOURCES		600.00
		11/14/2023	1136	10/23 METER TESTING - INVOICE #1087	DEPARTMENT OF WATER RESOURCES		5,400.00
		11/30/2023	JV2783	11/23 INTEREST INCOME		99.21	
		12/26/2023	1137	11/23 METER TESTING - INVOICE #1088	DEPARTMENT OF WATER RESOURCES		6,600.00
		12/26/2023	1138	LEGAL SVC THRU 11/30/23 - INV #245526	RWG LAW		1,131.43
		12/26/2023	1139	CBWRP JUL-OCT 2023 ADMIN SERVICES	WRD GENERAL FUND		2,721.00
		12/31/2023	JV2792	12/23 INTEREST INCOME		101.70	

1/31/2024	1140	LEGAL SVC THRU 12/31/23 - INV #245988	RWG LAW		69.17
1/31/2024	1141	12/23 METER TESTING - INVOICE #1089	DEPARTMENT OF WATER RESOURCES		5,400.00
1/31/2024	JV2802	01/24 INTEREST INCOME		250.38	
2/20/2024	1142	01/24 METER TESTING - INVOICE #1090	DEPARTMENT OF WATER RESOURCES		6,000.00
2/22/2024	1062	FY 23-24 WMCB WRP REIMBURSEMENT #1	WATERMASTER CENTRAL BASIN ADMIN	32,540.94	
2/29/2024	JV2813	02/24 INTEREST INCOME		2,292.92	
3/5/2024	1143	02/24 METER TESTING - INVOICE #1091	DEPARTMENT OF WATER RESOURCES		9,300.00
3/19/2024	1144	LEGAL SVC THRU 02/29/24 - INV #246806	RWG LAW		926.25
3/31/2024	JV2825	03/24 INTEREST INCOME		2,504.16	712.75
4/17/2024	1145	03/24 METER TESTING - INVOICE #1092	DEPARTMENT OF WATER RESOURCES		3,900.00
4/17/2024	1146	CBWRP NOV 2023-FEB 2024 ADMIN SERVICES	WRD GENERAL FUND		3,287.99
4/30/2024	jv2837	04/24 INTEREST INCOME		2,406.19	
5/10/2024	1147	LEGAL SVC THRU 03/31/24 - INV #247276	RWG LAW		1,357.78
5/24/2024	1148	04/24 METER TESTING - INVOICE #1093	DEPARTMENT OF WATER RESOURCES		<u>3,600.00</u>
				Transaction Total	<u>40,713.84</u> <u>67,375.54</u>
Balance 1341	MBWM CB WRP			<u>644,283.96</u>	
Report Opening/Current Balance				<u>670,945.66</u>	<u>0.00</u>
Report Transaction Totals				<u>40,713.84</u>	<u>67,375.54</u>
Report Current Balances				<u>711,659.50</u>	<u>67,375.54</u>
Report Difference				<u>644,283.96</u>	

**FY 2023-24 Central Basin Water Rights Panel Invoices Processed
As of 6/17/2024**

Invoice Date	Received	Payee	Invoice	Amount	Status	Paid
7/7/2023	7/7/2023	DWR	No. 1085	\$ 10,500.00	Paid	7/27/2023
7/24/2023	7/24/2023	RWG	No. 243263	\$ 60.00	Paid	7/27/2023
8/14/2023	8/14/2023	WRD	No. PAS230814	\$ 4,773.99	Paid	9/5/2023
8/25/2023	8/28/2023	RWG	No. 243787	\$ 60.00	Paid	9/5/2023
10/12/2023	10/16/2023	RWG	No. 244633	\$ 869.48	Paid	10/31/2023
11/3/2023	11/6/2023	DWR	No. 1087	\$ 5,400.00	Paid	11/14/2023
10/15/2023	11/7/2023	DWR	No. 1086	\$ 600.00	Paid	11/14/2023
12/5/2023	12/14/2023	WRD	No. PAS231205	\$ 2,721.00	Paid	12/26/2023
12/4/2023	12/14/2023	DWR	No. 1088	\$ 6,600.00	Paid	12/26/2023
12/8/2023	12/8/2023	RWG	No. 245526	\$ 1,131.43	Paid	12/26/2023
12/20/2023	12/21/2023	DWR	No. 1089	\$ 5,400.00	Paid	1/31/2024
1/12/2024	1/12/2024	RWG	No. 245988	\$ 69.17	Paid	1/31/2024
2/2/2024	2/8/2024	DWR	No. 1090	\$ 6,000.00	Paid	2/20/2024
2/29/2024	3/4/2024	DWR	No.1091	\$ 9,300.00	Paid	3/5/2024
3/12/2024	3/13/2024	RWG	No. 246806	\$ 926.25	Paid	3/19/2024
3/28/2024	4/4/2024	DWR	No.1092	\$ 3,900.00	Paid	4/17/2024
3/27/2024	4/5/2024	WRD	No. PAS240327	\$ 3,287.99	Paid	4/17/2024
4/15/2024	4/17/2024	RWG	No. 247276	\$ 1,357.78	Paid	5/10/2024
5/6/2024	5/17/2024	DWR	No. 1093	\$ 3,600.00	Paid	5/24/2024
6/7/2024	6/11/2024	DWR	No. 1094	\$ 5,400.00	Processing	
6/11/2024	6/12/2024	RWG	No. 248180	\$ 1,990.15	Processing	

AGENDA ITEM 8

CENTRAL BASIN WATER RIGHTS PANEL AGENDA REPORT

Date: July 11, 2024
To: Central Basin Water Rights Panel
From: James Markman - Richards, Watson, Gershon
Subject: **Attorney's Report**

Discussion:

As events require, the Panel's attorney will provide an update on any issues or matters that are pending or that will potentially impact the Panel or water purveyors in the Central Basin, as well as issues related to the Third Judgment.

Attachment(s):

None

AGENDA ITEM 9

CENTRAL BASIN WATER RIGHTS PANEL AGENDA REPORT

Date: July 11, 2024
To: Central Basin Water Rights Panel
From: Jackie Ramirez – Water Replenishment District

Subject: **Secretary's Report**

Recommendation:

For Discussion only.

Discussion:

The Secretary will provide updates on:

- Onboarding of new Panel Members
- Files received from KJ Services

AGENDA ITEM 10

CENTRAL BASIN WATER RIGHTS PANEL AGENDA REPORT

Date: July 11, 2024
To: Central Basin Water Rights Panel
From: Jackie Ramirez – Water Replenishment District
Subject: **Water Meter Testing Report**

Recommendation:

Receive and File the current meter testing reports.

Discussion:

The meter testing report summary for April 2024 and May 2024 is included. During this period, 30 meters were tested, and 29 meters were determined to be within the acceptable margin of error.

Attachment(s):

1. Meter testing results for April 2024.
2. Meter testing results for May 2024.

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 04/01/24 through 04/05/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Norwalk, City of	03S12W13L001S/TAD	McCrometer	D	E20-01382	4/3/2024	1.6		Y
Norwalk, City of	03S12W13Q001S/LEF	Water Spec.	M	20090670-08	4/3/2024	0.8		Y
South Gate, City of	02S12W31Q003S/24	Siemens	D	N1K5180165	4/3/2024	1.6		Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Norwalk, City of			Meter Error: 1.6% fast
State Well No.	03S12W13Q001S			
Owner No.	LEF "5"	Type (D/M/E)	M	
Basin	Central	Make	Water Spec.	Pipe In. Dia. (in) 7 7/8
Test Date	4/3/2024	Serial No.	20090670-08	Pipe Area (in ²) 48.707
Tested By	AC	No. of Dials	6	
Recorded By	AC	Fixed Zeroes		
		Multi.	1	New meter?
Last Test Date	5/19/2023	Units (gal/af/cf)	af	Pipe ID'd?

1st Reading	226.338		Mano. Diff.	Qp = 48.71 x 13.92 = 678.0 gpm
2nd Reading	226.343	1	13.9	Qm = 325851 x $\frac{0.005}{2.169}$ = 751.2 gpm
Difference	0.005	2	13.8	% diff. = 100 x $\frac{-73.21}{678.00}$ = 10.80% fast
Elapsed Time	2 m 10.13 s	3	14.0	VOID? <input checked="" type="checkbox"/>
Total Minutes	2.169	4	13.8	
		5	13.9	<u>Notes</u>
		6	14.0	Well and Test ran too short for accurate for accurate results.
		7	13.9	
		8	14.0	
		9	14.0	
		10	13.9	
		Avg	13.92	

1st Reading	226.369		Mano. Diff.	Qp = 48.71 x 14.13 = 688.2 gpm
2nd Reading	226.3793	1	14.1	Qm = 325851 x $\frac{0.0103}{4.681}$ = 717.0 gpm
Difference	0.0103	2	14.2	% diff. = 100 x $\frac{-28.82}{688.23}$ = 4.19% fast
Elapsed Time	4 m 40.84 s	3	14.1	VOID? <input type="checkbox"/>
Total Minutes	4.681	4	14.2	
		5	14.0	<u>Notes</u>
		6	14.1	
		7	14.1	
		8	14.2	
		9	14.2	
		10	14.1	
		Avg	14.13	

1st Reading	226.38		Mano. Diff.	Qp = 48.71 x 14.46 = 704.3 gpm
2nd Reading	226.39	1	14.5	Qm = 325851 x $\frac{0.01}{4.674}$ = 697.1 gpm
Difference	0.01	2	14.6	% diff. = 100 x $\frac{7.17}{704.30}$ = 1.02% slow
Elapsed Time	4 m 40.45 s	3	14.6	VOID? <input type="checkbox"/>
Total Minutes	4.674	4	14.5	
		5	14.5	<u>Notes</u>
		6	14.4	
		7	14.4	
		8	14.4	
		9	14.4	
		10	14.3	
		Avg	14.46	

Notes

WATER METER TEST

Owner	Norwalk, City of	Meter Error: 0.8% fast		
State Well No.	03S12W13L001S	Type (D/M/E)	D	
Owner No.	TAD "4"	Make	McCrometer	Pipe In. Dia. (in)
Basin	Central	Serial No.	E20-01382	8
Test Date	4/3/2024	No. of Dials	6	Pipe Area (in ²)
Tested By	AC	Fixed Zeroes		50.265
Recorded By	AC	Multi.	1	New meter?
Last Test Date	5/19/2023	Units (gal/af/cf)	af	Pipe ID'd?

1st Reading	144.41		Mano. Diff.	Qp = 50.27 x 12.44 = 625.3 gpm
2nd Reading	144.42	1	12.4	Qm = 325851 x $\frac{0.01}{5.126}$ = 635.7 gpm
Difference	0.01	2	12.5	% diff. = 100 x $\frac{-10.38}{625.30}$ = 1.66% fast
Elapsed Time	5 m 7.56 s	3	12.6	VOID? <input type="checkbox"/>
Total Minutes	5.126	4	12.5	<u>Notes</u>
		5	12.4	
		6	12.5	
		7	12.4	
		8	12.5	
		9	12.3	
		10	12.3	
		Avg	12.44	

1st Reading	144.42		Mano. Diff.	Qp = 50.27 x 12.26 = 616.3 gpm
2nd Reading	144.425	1	12.4	Qm = 325851 x $\frac{0.005}{2.607}$ = 624.9 gpm
Difference	0.005	2	12.3	% diff. = 100 x $\frac{-8.66}{616.25}$ = 1.41% fast
Elapsed Time	2 m 36.43 s	3	12.2	VOID? <input type="checkbox"/>
Total Minutes	2.607	4	12.2	<u>Notes</u>
		5	12.3	
		6	12.2	
		7	12.3	
		8	12.2	
		9	12.2	
		10	12.3	
		Avg	12.26	

1st Reading	144.425		Mano. Diff.	Qp = 50.27 x 12.06 = 606.2 gpm
2nd Reading	144.43	1	12.2	Qm = 325851 x $\frac{0.005}{2.708}$ = 601.6 gpm
Difference	0.005	2	12.1	% diff. = 100 x $\frac{4.59}{606.20}$ = 0.76% slow
Elapsed Time	2 m 42.49 s	3	12.1	VOID? <input type="checkbox"/>
Total Minutes	2.708	4	12.2	<u>Notes</u>
		5	12.1	
		6	12.0	
		7	12.0	
		8	12.1	
		9	12.0	
		10	11.8	
		Avg	12.06	

Notes

WATER METER TEST

Owner	South Gate, City of				
State Well No.	02S12W31Q003S			Meter Error: 1.6% fast	
Owner No.	24	Type (D/M/E)	D		
Basin	Central	Make	Siemens	Pipe In. Dia. (in)	14 1/2
Test Date	4/3/2024	Serial No.	N1K5180165	Pipe Area (in ²)	165.130
Tested By	AC	No. of Dials	6		
Recorded By	AC	Fixed Zeroes			
	RETEST	Multi.	1000	New meter?	
Last Test Date	5/30/2023	Units (gal/af/cf)	gal	Pipe ID'd?	

1st Reading	2482887		Mano. Diff.		$Q_p = 165.13 \times 5.70 = 941.2 \text{ gpm}$
2nd Reading	2482891	1	6.0		$Q_m = 1 \times \frac{4000}{4.158} = 962.0 \text{ gpm}$
Difference	4	2	5.5		$\% \text{ diff.} = 100 \times \frac{-20.80}{941.24} = 2.21\% \text{ fast}$
Elapsed Time	4 m 9.47 s	3	6.0		VOID? <input type="checkbox"/>
Total Minutes	4.158	4	5.5		<u>Notes</u>
		5	5.5		
		6	6.0		
		7	5.5		
		8	5.5		
		9	5.5		
		10	6.0		
		Avg	5.70		

1st Reading	2482891		Mano. Diff.		$Q_p = 165.13 \times 5.50 = 908.2 \text{ gpm}$
2nd Reading	2482897	1	5.5		$Q_m = 1 \times \frac{6000}{6.259} = 958.6 \text{ gpm}$
Difference	6	2	5.5		$\% \text{ diff.} = 100 \times \frac{-50.38}{908.21} = 5.55\% \text{ fast}$
Elapsed Time	6 m 15.55 s	3	5.5		VOID? <input type="checkbox"/>
Total Minutes	6.259	4	5.5		<u>Notes</u>
		5	5.5		
		6	5.5		
		7	5.5		
		8	5.5		
		9	5.5		
		10	5.5		
		Avg	5.50		

1st Reading	2482897		Mano. Diff.		$Q_p = 165.13 \times 6.00 = 990.8 \text{ gpm}$
2nd Reading	2482901	1	6.0		$Q_m = 1 \times \frac{4000}{4.156} = 962.5 \text{ gpm}$
Difference	4	2	6.0		$\% \text{ diff.} = 100 \times \frac{28.28}{990.78} = 2.85\% \text{ slow}$
Elapsed Time	4 m 9.35 s	3	6.0		VOID? <input type="checkbox"/>
Total Minutes	4.156	4	6.0		<u>Notes</u>
		5	6.0		
		6	6.0		
		7	6.0		
		8	6.0		
		9	6.0		
		10	6.0		
		Avg	6.00		

Notes

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 04/08/24 through 04/12/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Paramount, City of	03S12W19E003S/15	Siemens	D	910-1AA10-1AA	4/10/2024		1.9	Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Paramount, City of			Meter Error: 1.9% slow
State Well No.	03S12W19E005S			
Owner No.	15	Type (D/M/E)	D	
Basin	Central	Make	Siemens	Pipe In. Dia. (in) 16
Test Date	4/10/2024	Serial No.	910-1AA10-1AA	Pipe Area (in ²) 201.062
Tested By	DH	No. of Dials	7	
Recorded By	DH	Fixed Zeroes		
		Multi.	1000000	New meter?
Last Test Date	11/17/2022	Units (gal/af/cf)	gal	Pipe ID'd?

1st Reading	10289.433		Mano. Diff.	Qp = 201.06 x 9.84 = 1978.4 gpm
2nd Reading	10289.437	1	10.0	Qm = 1 x $\frac{4000}{2.062}$ = 1940.3 gpm
Difference	0.004	2	10.0	% diff. = 100 x $\frac{38.11}{1978.45}$ = 1.93% slow
Elapsed Time	2 m 3.69 s	3	10.1	VOID? <input type="checkbox"/>
Total Minutes	2.062	4	9.9	<u>Notes</u>
		5	9.5	
		6	9.6	
		7	9.7	
		8	9.8	
		9	9.8	
		10	10.0	
		Avg	9.84	

1st Reading	10289.437		Mano. Diff.	Qp = 201.06 x 9.75 = 1960.4 gpm
2nd Reading	10289.443	1	9.8	Qm = 1 x $\frac{6000}{3.121}$ = 1922.5 gpm
Difference	0.006	2	9.7	% diff. = 100 x $\frac{37.89}{1960.35}$ = 1.93% slow
Elapsed Time	3 m 7.26 s	3	9.8	VOID? <input type="checkbox"/>
Total Minutes	3.121	4	9.5	<u>Notes</u>
		5	9.9	
		6	10.0	
		7	10.0	
		8	9.5	
		9	9.6	
		10	9.7	
		Avg	9.75	

1st Reading	10289.443		Mano. Diff.	Qp = 201.06 x 9.73 = 1956.3 gpm
2nd Reading	10289.451	1	10.1	Qm = 1 x $\frac{8000}{4.168}$ = 1919.2 gpm
Difference	0.008	2	10.0	% diff. = 100 x $\frac{37.10}{1956.33}$ = 1.90% slow
Elapsed Time	4 m 10.10 s	3	9.9	VOID? <input type="checkbox"/>
Total Minutes	4.168	4	9.8	<u>Notes</u>
		5	9.6	
		6	9.5	
		7	9.8	
		8	9.6	
		9	9.5	
		10	9.5	
		Avg	9.73	

Notes

PRODUCTION WELL METER TESTS
In the Central Basin for the
Week of 04/15/24 through 04/26/24

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Los Angeles County Rancho Los Amigos	03S12W05P003S/DW001	McCrometer	M	97-6607-12	4/17/2024	2.5		Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Los Angeles County Rancho Los Amigos			Meter Error: 2.5% fast
State Well No.	03S12W05P003S			
Owner No.	DW001	Type (D/M/E)	M	
Basin	Central	Make	McCrometer	Pipe In. Dia. (in) 12
Test Date	4/17/2024	Serial No.	97-6607-12	Pipe Area (in ²) 113.097
Tested By	AC, DH	No. of Dials	6	
Recorded By	AC	Fixed Zeroes		
		Multi.	1000	New meter?
Last Test Date	5/4/2023	Units (gal/af/cf)	gal	Pipe ID'd?

1st Reading	991503		Mano. Diff.	Qp = 113.10 x 16.40 = 1854.8 gpm
2nd Reading	991511	1	16.3	Qm = 1 x $\frac{8000}{4.190}$ = 1909.5 gpm
Difference	8	2	16.4	% diff. = 100 x $\frac{-54.74}{1854.80}$ = 2.95% fast
Elapsed Time	4 m 11.37 s	3	16.5	VOID? <input type="checkbox"/>
Total Minutes	4.190	4	16.3	<u>Notes</u>
		5	16.6	
		6	16.3	
		7	16.4	
		8	16.5	
		9	16.4	
		10	16.3	
		Avg	16.40	

1st Reading	991483		Mano. Diff.	Qp = 113.10 x 16.78 = 1897.8 gpm
2nd Reading	991487	1	16.9	Qm = 1 x $\frac{4000}{2.065}$ = 1937.2 gpm
Difference	4	2	16.8	% diff. = 100 x $\frac{-39.43}{1897.77}$ = 2.08% fast
Elapsed Time	2 m 3.89 s	3	16.7	VOID? <input type="checkbox"/>
Total Minutes	2.065	4	16.7	<u>Notes</u>
		5	16.8	
		6	16.6	
		7	16.7	
		8	16.9	
		9	16.8	
		10	16.9	
		Avg	16.78	

1st Reading	991501		Mano. Diff.	Qp = 113.10 x 16.56 = 1872.9 gpm
2nd Reading	991503	1	16.6	Qm = 1 x $\frac{2000}{1.041}$ = 1920.6 gpm
Difference	2	2	16.6	% diff. = 100 x $\frac{-47.72}{1872.89}$ = 2.55% fast
Elapsed Time	1 m 2.48 s	3	16.5	VOID? <input type="checkbox"/>
Total Minutes	1.041	4	16.4	<u>Notes</u>
		5	16.4	
		6	16.6	
		7	16.5	
		8	16.6	
		9	16.7	
		10	16.7	
		Avg	16.56	

Notes

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 04/22/24 through 04/26/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Signal Hill, City of	04S12W20M001S/9	Siemens	D	IXH32310613	4/23/2024	4.1		Y
Signal Hill, City of	03S12W31B001S/7	ABB Limited	D	3K620000278496	4/23/2024	0.4		Y
Lynwood Park Mutual Water Company	03S13W10R008S/NW25	Sensus	M	NA	4/23/2024	0.3		Y
Lynwood Park Mutual Water Company	03S13W15H001S/Mona	Sensus	M	75942013	4/23/2024	1.7		Y
Whittier, City of	02S11W07D001S/14	Water Spec.	M	963628-12□	4/25/2024	1.8		Y
Whittier, City of	02S11W07C005S/2	Water Spec.	M	20023514-12	4/25/2024		2.8	Y
Whittier, City of	02S11W07D001S/1	Water Spec.	M	20023515-12	4/25/2024	2.0		Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATERMASTER SERVICE WATER METER TEST

Owner	Signal Hill, City of			Meter Error 4.1% fast
State Well No.	04S12W20M001S			
Owner No.	9	Type (D/M/E)	D	
Basin	Central	Make	Siemens	Pipe In. Dia. (in) 12
Test Date	4/23/2024	Serial No.	IXH32310613	Pipe Area (in ²) 113.097
Tested By	DH	No. of Dials		
Recorded By	DH	Fixed Zeroes		
		Multi.	1000000	New meter?
Last Test Date	2/11/2020	Units (gal/af/cf)	gal	Pipe ID'd?

1st Reading	1554.1172		Mano. Diff.	Qp = 113.10 x 4.85 = 548.5 gpm
2nd Reading	1554.1185	1	5.0	Qm = 1 x $\frac{1300}{2.181}$ = 596.1 gpm
Difference	0.0013	2	5.0	% diff. = 100 x $\frac{-47.63}{548.52}$ = 8.68% fast
Elapsed Time	2 m 10.84 s	3	5.0	VOID? <input type="checkbox"/>
Total Minutes	2.181	4	5.0	<u>Notes</u>
		5	4.5	
		6	4.5	
		7	5.0	
		8	4.5	
		9	5.0	
		10	5.0	
		Avg	4.85	

1st Reading	1554.1214		Mano. Diff.	Qp = 113.10 x 4.75 = 537.2 gpm
2nd Reading	1554.1233	1	4.5	Qm = 1 x $\frac{1900}{3.851}$ = 493.4 gpm
Difference	0.0019	2	4.5	% diff. = 100 x $\frac{43.79}{537.21}$ = 8.15% slow
Elapsed Time	3 m 51.04 s	3	4.5	VOID? <input type="checkbox"/>
Total Minutes	3.851	4	5.0	<u>Notes</u>
		5	5.0	
		6	5.0	
		7	4.5	
		8	4.5	
		9	5.0	
		10	5.0	
		Avg	4.75	

1st Reading	1554.1281		Mano. Diff.	Qp = 113.10 x 4.72 = 533.8 gpm
2nd Reading	1554.1293	1	4.5	Qm = 1 x $\frac{1200}{2.010}$ = 597.0 gpm
Difference	0.0012	2	4.5	% diff. = 100 x $\frac{-63.15}{533.82}$ = 11.83% fast
Elapsed Time	2 m 0.61 s	3	5.0	VOID? <input type="checkbox"/>
Total Minutes	2.010	4	4.5	<u>Notes</u>
		5	4.7	
		6	4.5	
		7	4.5	
		8	5.0	
		9	5.0	
		10	5.0	
		Avg	4.72	

Notes

WATER METER TEST

Owner	City of Signal Hill									Meter Error: 0.4% fast
State Well No.	03S12W31B001S									
Owner No.	7	Type (D/M/E)	D							
Basin	Central	Make	ABB Limited	Pipe In. Dia. (in)	12 1/4					
Test Date	4/23/2024	Serial No.	3K620000278496	Pipe Area (in ²)	117.859					
Tested By	DH	No. of Dials	6							
Recorded By	DH	Fixed Zeroes								
		Multi.	1	New meter?						
Last Test Date	6/22/2023	Units (gal/af/cf)	gal	Pipe ID'd?						

1st Reading	1244169180									
2nd Reading	1244170414									
Difference	1234									
Elapsed Time	1 m 19.03 s									
Total Minutes	1.317									
		Mano. Diff.								
		1	8.0			Qp = 117.86 x 7.95 = 937.0 gpm				
		2	7.9			Qm = 1 x $\frac{1234}{1.317}$ = 936.9 gpm				
		3	7.9			% diff. = 100 x $\frac{0.12}{936.98}$ = 0.01% slow				
		4	8.0							
		5	8.1							VOID?
		6	7.9							
		7	7.9							
		8	8.0							
		9	7.8							
		10	8.0							
		Avg	7.95							
										<u>Notes</u>

1st Reading	1244170414									
2nd Reading	1244171602									
Difference	1188									
Elapsed Time	1 m 15.03 s									
Total Minutes	1.251									
		Mano. Diff.								
		1	7.9			Qp = 117.86 x 8.01 = 944.0 gpm				
		2	8.0			Qm = 1 x $\frac{1188}{1.251}$ = 950.0 gpm				
		3	7.9			% diff. = 100 x $\frac{-5.97}{944.05}$ = 0.63% fast				
		4	8.1							
		5	8.1							VOID?
		6	8.1							
		7	8.0							
		8	8.1							
		9	8.0							
		10	7.9							
		Avg	8.01							
										<u>Notes</u>

1st Reading	1244171602									
2nd Reading	1244172709									
Difference	1107									
Elapsed Time	1 m 9.95 s									
Total Minutes	1.166									
		Mano. Diff.								
		1	8.1			Qp = 117.86 x 8.02 = 945.2 gpm				
		2	8.0			Qm = 1 x $\frac{1107}{1.166}$ = 949.5 gpm				
		3	8.1			% diff. = 100 x $\frac{-4.31}{945.23}$ = 0.46% fast				
		4	7.9							
		5	8.0							VOID?
		6	8.1							
		7	8.0							
		8	7.9							
		9	8.0							
		10	8.1							
		Avg	8.02							
										<u>Notes</u>

Notes

WATER METER TEST

Owner	Lynwood Park Mutual Water Company	Meter Error: 0.3% fast		
State Well No.	03S13W10R008S			
Owner No.	NW25	Type (D/M/E)	M	
Basin	Central	Make	Sensus	Pipe In. Dia. (in) 6
Test Date	4/23/2024	Serial No.	N/A	Pipe Area (in ²) 28.274
Tested By	DH	No. of Dials		
Recorded By	DH	Fixed Zeroes		
		Multi.	1.0000	New meter? <input type="checkbox"/>
Last Test Date	5/16/2023	Units (gal/af/cf)	af	Pipe ID'd? <input type="checkbox"/>

1st Reading <input type="text"/> 2nd Reading <input type="text"/> Difference <input type="text"/> Ellapsed Time <input type="text"/> m <input type="text"/> s Total Minutes <input type="text"/>	Mano. Diff. 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/> 9 <input type="text"/> 10 <input type="text"/> Avg <input type="text"/>	Qp = 28.27 x <input type="text"/> = <input type="text"/> gpm Qm = 325851 x <input type="text"/> = <input type="text"/> gpm % diff. = 100 x <input type="text"/> = <input type="text"/> VOID? <input type="text"/> <p style="text-align: center;"><u>Notes</u></p> <input style="width: 100%; height: 50px;" type="text"/>
1st Reading <input type="text"/> 2nd Reading <input type="text"/> Difference <input type="text"/> Ellapsed Time <input type="text"/> m <input type="text"/> s Total Minutes <input type="text"/>	Mano. Diff. 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/> 9 <input type="text"/> 10 <input type="text"/> Avg <input type="text"/>	Qp = 28.27 x <input type="text"/> = <input type="text"/> gpm Qm = 325851 x <input type="text"/> = <input type="text"/> gpm % diff. = 100 x <input type="text"/> = <input type="text"/> VOID? <input type="text"/> <p style="text-align: center;"><u>Notes</u></p> <input style="width: 100%; height: 50px;" type="text"/>
1st Reading <input type="text"/> 2nd Reading <input type="text"/> Difference <input type="text"/> Ellapsed Time <input type="text"/> m <input type="text"/> s Total Minutes <input type="text"/>	Mano. Diff. 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 <input type="text"/> 8 <input type="text"/> 9 <input type="text"/> 10 <input type="text"/> Avg <input type="text"/>	Qp = 28.27 x <input type="text"/> = <input type="text"/> gpm Qm = 325851 x <input type="text"/> = <input type="text"/> gpm % diff. = 100 x <input type="text"/> = <input type="text"/> VOID? <input type="text"/> <p style="text-align: center;"><u>Notes</u></p> <input style="width: 100%; height: 50px;" type="text"/>

Notes

Raw test data were inadvertently lost due to a laptop computer glitch.

WATER METER TEST

Owner	Lynwood Park Mutual Water Company	Meter Error: 1.7% fast	
State Well No.	03S13W15H001S		
Owner No.	MONA	Type (D/M/E)	M
Basin	Central	Make	Sensus
Test Date	5/16/2023	Serial No.	75942013
Tested By	DH	No. of Dials	5
Recorded By	DH	Fixed Zeroes	
		Multi.	1.000
Last Test Date	5/10/2022	Units (gal/af/cf)	af
		Pipe In. Dia. (in)	6
		Pipe Area (in ²)	28.274
		New meter?	
		Pipe ID'd?	

1st Reading	163.6411	Mano. Diff.	Qp = 28.27 x 4.15 = 117.3 gpm
2nd Reading	163.6425	1	4.5
Difference	0.0014	2	4.5
Elapsed Time	3 m 48.48 s	3	4.5
Total Minutes	3.808	4	4.0
		5	4.0
		6	4.0
		7	4.0
		8	4.0
		9	4.0
		10	4.0
		Avg	4.15
			Qm = 325851 x $\frac{0.0014}{3.808}$ = 119.8 gpm
			% diff. = 100 x $\frac{-2.46}{117.34}$ = 2.10% fast
			VOID? <input type="checkbox"/>
			<u>Notes</u>

1st Reading	163.6449	Mano. Diff.	Qp = 28.27 x 4.95 = 140.0 gpm
2nd Reading	163.6465	1	5.0
Difference	0.0016	2	5.0
Elapsed Time	3 m 43.63 s	3	5.0
Total Minutes	3.727	4	5.0
		5	5.0
		6	5.0
		7	5.0
		8	5.0
		9	5.0
		10	4.5
		Avg	4.95
			Qm = 325851 x $\frac{0.0016}{3.727}$ = 139.9 gpm
			% diff. = 100 x $\frac{0.08}{139.96}$ = 0.05% slow
			VOID? <input type="checkbox"/>
			<u>Notes</u>

1st Reading	163.6465	Mano. Diff.	Qp = 28.27 x 5.00 = 141.4 gpm
2nd Reading	163.648	1	5.0
Difference	0.0015	2	5.0
Elapsed Time	3 m 21.53 s	3	5.0
Total Minutes	3.359	4	5.0
		5	5.0
		6	5.0
		7	5.0
		8	5.0
		9	5.0
		10	5.0
		Avg	5.00
			Qm = 325851 x $\frac{0.0015}{3.359}$ = 145.5 gpm
			% diff. = 100 x $\frac{-4.15}{141.37}$ = 2.93% fast
			VOID? <input type="checkbox"/>
			<u>Notes</u>

Notes

WATER METER TEST

Owner	Whittier, City of			Meter Error: 1.8% fast
State Well No.	02S11W05N004S			
Owner No.	14	Type (D/M/E)	M	
Basin	Central	Make	Water Spec.	Pipe In. Dia. (in) 11 1/2
Test Date	4/25/2024	Serial No.	963628-12	Pipe Area (in ²) 103.869
Tested By	BZ	No. of Dials		
Recorded By	DH	Fixed Zeroes		
		Multi.	100	New meter?
Last Test Date	5/10/2023	Units (gal/af/cf)	cf	Pipe ID'd?

1st Reading	8692365		Mano. Diff.	Qp = 103.87 x 18.93 = 1966.2 gpm
2nd Reading	8692374	1	18.9	Qm = 7.48 x $\frac{900}{3.350}$ = 2009.8 gpm
Difference	9	2	19.0	% diff. = 100 x $\frac{-43.51}{1966.24}$ = 2.21% fast
Elapsed Time	3 m 20.98 s	3	18.9	VOID? <input type="checkbox"/>
Total Minutes	3.350	4	19.0	<u>Notes</u>
		5	18.9	
		6	18.9	
		7	19.0	
		8	18.8	
		9	18.9	
		10	19.0	
		Avg	18.93	

1st Reading	8692374		Mano. Diff.	Qp = 103.87 x 19.03 = 1976.6 gpm
2nd Reading	8692380	1	19.0	Qm = 7.48 x $\frac{600}{2.235}$ = 2008.1 gpm
Difference	6	2	18.9	% diff. = 100 x $\frac{-31.43}{1976.63}$ = 1.59% fast
Elapsed Time	2 m 14.10 s	3	19.1	VOID? <input type="checkbox"/>
Total Minutes	2.235	4	19.0	<u>Notes</u>
		5	19.1	
		6	19.0	
		7	18.9	
		8	19.1	
		9	19.1	
		10	19.1	
		Avg	19.03	

1st Reading	8692380		Mano. Diff.	Qp = 103.87 x 19.06 = 1979.7 gpm
2nd Reading	8692383	1	19.0	Qm = 7.48 x $\frac{300}{1.116}$ = 2010.8 gpm
Difference	3	2	19.1	% diff. = 100 x $\frac{-31.01}{1979.74}$ = 1.57% fast
Elapsed Time	1 m 6.96 s	3	19.1	VOID? <input type="checkbox"/>
Total Minutes	1.116	4	19.0	<u>Notes</u>
		5	19.1	
		6	19.2	
		7	19.0	
		8	19.1	
		9	18.9	
		10	19.1	
		Avg	19.06	

Notes

WATER METER TEST

Owner	Whittier, City of					Meter Error: 2.0% fast
State Well No.	02S11W7D001S					
Owner No.	CB1	Type (D/M/E)	D			
Basin	Central	Make	Water Spec.	Pipe In. Dia. (in)	11 3/4	
Test Date	4/25/2024	Serial No.	20023515-12	Pipe Area (in ²)	108.434	
Tested By	BZ	No. of Dials				
Recorded By	DH	Fixed Zeroes				
		Multi.	1000	New meter?		
Last Test Date	5/10/2023	Units (gal/af/cf)	gal	Pipe ID'd?		

1st Reading	9263029		Mano. Diff.			
2nd Reading	9263036	1	21.4		Qp = 108.43 x 21.18 = 2296.6 gpm	
Difference	7	2	21.1		Qm = 1 x $\frac{7000}{2.990}$ = 2341.4 gpm	
Elapsed Time	2 m 59.38 s	3	21.1		% diff. = 100 x $\frac{-44.77}{2296.63}$ = 1.95% fast	
Total Minutes	2.990	4	21.2			VOID? <input type="checkbox"/>
		5	21.2			
		6	21.1			
		7	21.2			<u>Notes</u>
		8	21.2			
		9	21.2			
		10	21.1			
		Avg	21.18			

1st Reading	9263036		Mano. Diff.			
2nd Reading	9263041	1	21.2		Qp = 108.43 x 21.19 = 2297.7 gpm	
Difference	5	2	21.1		Qm = 1 x $\frac{5000}{2.130}$ = 2347.8 gpm	
Elapsed Time	2 m 7.78 s	3	21.4		% diff. = 100 x $\frac{-50.07}{2297.72}$ = 2.18% fast	
Total Minutes	2.130	4	21.1			VOID? <input type="checkbox"/>
		5	21.4			
		6	21.1			
		7	21.1			<u>Notes</u>
		8	21.1			
		9	21.2			
		10	21.2			
		Avg	21.19			

1st Reading	9263024		Mano. Diff.			
2nd Reading	9263029	1	21.1		Qp = 108.43 x 21.22 = 2301.0 gpm	
Difference	5	2	21.2		Qm = 1 x $\frac{5000}{2.130}$ = 2347.2 gpm	
Elapsed Time	2 m 7.81 s	3	21.2		% diff. = 100 x $\frac{-46.26}{2300.97}$ = 2.01% fast	
Total Minutes	2.130	4	21.3			VOID? <input type="checkbox"/>
		5	21.2			
		6	21.4			
		7	21.2			<u>Notes</u>
		8	21.2			
		9	21.2			
		10	21.2			
		Avg	21.22			

Notes

WATER METER TEST

Owner	Whittier, City of			Meter Error: 2.8% slow
State Well No.	02S11W07C005S			
Owner No.	CB2	Type (D/M/E)	M	
Basin	Central	Make	Water Spec.	Pipe In. Dia. (in) 11 3/4
Test Date	4/25/2024	Serial No.	20023514-12	Pipe Area (in ²) 108.434
Tested By	BZ	No. of Dials		
Recorded By	DH	Fixed Zeroes		
		Multi.	1000	New meter?
Last Test Date	5/10/2023	Units (gal/af/cf)	gal	Pipe ID'd?

1st Reading	4193846		Mano. Diff.	Qp = 108.43 x 18.93 = 2052.7 gpm
2nd Reading	4193849	1	18.8	Qm = 1 x $\frac{3000}{1.499}$ = 2000.9 gpm
Difference	3	2	18.9	% diff. = 100 x $\frac{51.77}{2052.66}$ = 2.52% slow
Elapsed Time	1 m 29.96 s	3	18.9	VOID? <input type="checkbox"/>
Total Minutes	1.499	4	18.9	<u>Notes</u>
		5	19.0	
		6	19.0	
		7	19.0	
		8	19.0	
		9	18.9	
		10	18.9	
		Avg	18.93	

1st Reading	4193849		Mano. Diff.	Qp = 108.43 x 18.96 = 2055.9 gpm
2nd Reading	4193852	1	19.0	Qm = 1 x $\frac{3000}{1.501}$ = 1998.9 gpm
Difference	3	2	19.0	% diff. = 100 x $\frac{57.02}{2055.91}$ = 2.77% slow
Elapsed Time	1 m 30.05 s	3	18.9	VOID? <input type="checkbox"/>
Total Minutes	1.501	4	19.0	<u>Notes</u>
		5	19.0	
		6	19.0	
		7	18.9	
		8	18.9	
		9	18.9	
		10	19.0	
		Avg	18.96	

1st Reading	4193852		Mano. Diff.	Qp = 108.43 x 18.95 = 2054.8 gpm
2nd Reading	4193855	1	18.9	Qm = 1 x $\frac{3000}{1.505}$ = 1993.8 gpm
Difference	3	2	18.9	% diff. = 100 x $\frac{61.03}{2054.82}$ = 2.97% slow
Elapsed Time	1 m 30.28 s	3	18.8	VOID? <input type="checkbox"/>
Total Minutes	1.505	4	18.9	<u>Notes</u>
		5	19.0	
		6	19.0	
		7	19.0	
		8	19.0	
		9	19.0	
		10	19.0	
		Avg	18.95	

Notes

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Southern Region Office

INVOICE No. 1094

Sold to: Central Basin Water Rights Panel **Date:** 6/7/2024

Company: Central Basin Water Rights Panel

Address: c/o Water Replenishment District, 4040 Paramount Blvd.

City, State, Zip: Lakewood, CA 90712

Phone: (562) 989-7351 **Fax:** _____

Invoice issued by: Abi Aderonmu Phone: 818-621-5728

Description of Service Provided				
Date	Quantity	Item	Unit Cost	Total Cost
5/1/25 - 5/3/24	3	Meter Tests in Central Basin, May, 2024	\$300.00	\$900.00
5/6/24 - 5/10/24	7	Meter Tests in Central Basin, May, 2024	\$300.00	\$2,100.00
5/13/24 - 5/17/34	2	Meter Tests in Central Basin, May, 2024	\$300.00	\$600.00
5/20/24 - 5/24/24	3	Meter Tests in Central Basin, May, 2024	\$300.00	\$900.00
5/27/24 - 5/31/24	3	Meter Tests in Central Basin, May, 2024	\$300.00	\$900.00
TOTAL AMOUNT DUE				\$5,400.00

Comments:	Project:	Water Meter Testing Services in the Central Basin DWR Contract #333182
	Customer No.:	400550

Payment Instructions

Please :

- * Make your check payable to the Department of Water Resources
- * Return a copy of this invoice with your payment

Mail the items to: Department of Water Resources
Attn: Cashier
PO Box 942836
Sacramento, CA. 94236-0001

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 05/01/24 through 05/03/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Suburan Water Systems	03S11W22L003S/409/W3	McCrometer	D	981317-12	5/2/2024		0.3	Y
Suburan Water Systems	03S11W27L001S/410	Rosemount	E	11652	5/2/2024	0.9		Y
Suburan Water Systems	03S13W15G001S/Sativa 3	Water Spec.	M	20160942-08	5/2/2024		0.2	Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 0.3% slow
State Well No.	03S11W22L003S			
Owner No.	409/W3	Type (D/M/E)	D	
Basin	Central	Make	McCrometer	Pipe In. Dia. (in) 11.75
Test Date	5/2/2024	Serial No.	981317-12	Pipe Area (in ²) 108.434
Tested By	AC	No. of Dials	7	
Recorded By	AC	Fixed Zeroes		
		Multi.	100	New meter?
Last Test Date	6/29/2021	Units (gal/af/cf)	cf	Pipe ID'd?

1st Reading	432174		Mano. Diff.		Qp = 108.43 x 9.67 = 1048.6 gpm
2nd Reading	432177	1	9.6		Qm = 7.48 x $\frac{300}{2.130}$ = 1053.5 gpm
Difference	3	2	9.7		% diff. = 100 x $\frac{-4.96}{1048.56}$ = 0.47% fast
Elapsed Time	2 m 7.80 s	3	9.6		VOID?
Total Minutes	2.130	4	9.6		<u>Notes</u>
		5	9.6		
		6	9.7		
		7	9.8		
		8	9.8		
		9	9.6		
		10	9.7		
		Avg	9.67		

1st Reading	432177		Mano. Diff.		Qp = 108.43 x 9.76 = 1058.3 gpm
2nd Reading	432180	1	9.8		Qm = 7.48 x $\frac{300}{2.138}$ = 1049.7 gpm
Difference	3	2	9.9		% diff. = 100 x $\frac{8.57}{1058.32}$ = 0.81% slow
Elapsed Time	2 m 8.26 s	3	9.8		VOID?
Total Minutes	2.138	4	9.7		<u>Notes</u>
		5	9.7		
		6	9.7		
		7	9.6		
		8	9.7		
		9	9.9		
		10	9.8		
		Avg	9.76		

1st Reading	432180		Mano. Diff.		Qp = 108.43 x 9.72 = 1054.0 gpm
2nd Reading	432182	1	9.7		Qm = 7.48 x $\frac{200}{1.427}$ = 1048.1 gpm
Difference	2	2	9.8		% diff. = 100 x $\frac{5.87}{1053.98}$ = 0.56% slow
Elapsed Time	1 m 25.64 s	3	9.7		VOID?
Total Minutes	1.427	4	9.8		<u>Notes</u>
		5	9.7		
		6	9.6		
		7	9.8		
		8	9.7		
		9	9.7		
		10	9.7		
		Avg	9.72		

Notes

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 0.9% fast
State Well No.	03S11W27L001S			
Owner No.	410	Type (D/M/E)	E	
Basin	Central	Make	Rosemount	Pipe In. Dia. (in) 9.188
Test Date	5/2/2024	Serial No.	0011652	Pipe Area (in ²) 66.303
Tested By	AC	No. of Dials	7	
Recorded By	DH	Fixed Zeroes		
		Multi.	100	New meter?
Last Test Date	11/5/2020	Units (gal/af/cf)	cf	Pipe ID'd?

1st Reading	3026886	Mano. Diff.		$Q_p = 66.30 \times 9.69 = 642.5 \text{ gpm}$
2nd Reading	3026895	1	9.3	$Q_m = 7.48 \times \frac{900}{10.378} = 648.7 \text{ gpm}$
Difference	9	2	9.5	$\% \text{ diff.} = 100 \times \frac{-6.23}{642.47} = 0.97\% \text{ fast}$
Elapsed Time	10 m 22.66 s	3	9.6	VOID?
Total Minutes	10.378	4	9.6	<u>Notes</u>
		5	9.7	
		6	10.0	
		7	9.7	
		8	9.5	
		9	9.9	
		10	10.1	
		Avg	9.69	

1st Reading	3026895	Mano. Diff.		$Q_p = 66.30 \times 9.64 = 639.2 \text{ gpm}$
2nd Reading	3026904	1	9.6	$Q_m = 7.48 \times \frac{900}{10.432} = 645.3 \text{ gpm}$
Difference	9	2	9.7	$\% \text{ diff.} = 100 \times \frac{-6.14}{639.16} = 0.96\% \text{ fast}$
Elapsed Time	10 m 25.94 s	3	9.6	VOID?
Total Minutes	10.432	4	9.4	<u>Notes</u>
		5	9.7	
		6	9.5	
		7	9.9	
		8	9.6	
		9	10.0	
		10	9.4	
		Avg	9.64	

1st Reading	3026904	Mano. Diff.		$Q_p = 66.30 \times 9.64 = 639.2 \text{ gpm}$
2nd Reading	3026913	1	9.6	$Q_m = 7.48 \times \frac{900}{10.460} = 643.6 \text{ gpm}$
Difference	9	2	9.7	$\% \text{ diff.} = 100 \times \frac{-4.45}{639.16} = 0.70\% \text{ fast}$
Elapsed Time	10 m 27.59 s	3	9.4	VOID?
Total Minutes	10.460	4	9.5	<u>Notes</u>
		5	9.6	
		6	9.5	
		7	9.7	
		8	9.8	
		9	9.6	
		10	10.0	
		Avg	9.64	

Notes

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 0.2% slow
State Well No.	03S13W15G001S			
Owner No.	Sativa 3	Type (D/M/E)	M	
Basin	Central	Make	Water Spec.	Pipe In. Dia. (in) 6 1/8
Test Date	5/2/2024	Serial No.	20160942-08	Pipe Area (in ²) 29.465
Tested By	AC DH	No. of Dials	6	
Recorded By	DH	Fixed Zeroes		
		Multi.	100	New meter?
Last Test Date	6/29/2023	Units (gal/af/cf)	cf	Pipe ID'd?

1st Reading	350854.4	Mano. Diff.	Qp = 29.46 x 7.96 = 234.5 gpm
2nd Reading	350855	1	8.0
Difference	0.6	2	8.0
Elapsed Time	1 m 53.66 s	3	8.0
Total Minutes	1.894	4	8.0
		5	8.0
		6	8.0
		7	8.0
		8	7.9
		9	7.9
		10	7.8
		Avg	7.96
			Qm = 7.48 x $\frac{60}{1.894}$ = 236.9 gpm
			% diff. = 100 x $\frac{-2.38}{234.54}$ = 1.01% fast
			VOID? <input type="checkbox"/>
			<u>Notes</u>

1st Reading	350849	Mano. Diff.	Qp = 29.46 x 9.92 = 292.3 gpm
2nd Reading	350851	1	9.8
Difference	2	2	9.9
Elapsed Time	5 m 10.70 s	3	10.0
Total Minutes	5.178	4	9.9
		5	9.9
		6	10.0
		7	9.8
		8	10.0
		9	9.9
		10	10.0
		Avg	9.92
			Qm = 7.48 x $\frac{200}{5.178}$ = 288.9 gpm
			% diff. = 100 x $\frac{3.39}{292.29}$ = 1.16% slow
			VOID? <input type="checkbox"/>
			<u>Notes</u>

1st Reading	350856	Mano. Diff.	Qp = 29.46 x 8.15 = 240.1 gpm
2nd Reading	350856.3	1	8.0
Difference	0.3	2	8.1
Elapsed Time	0 m 56.31 s	3	8.0
Total Minutes	0.939	4	8.0
		5	8.0
		6	8.2
		7	8.1
		8	8.4
		9	8.3
		10	8.4
		Avg	8.15
			Qm = 7.48 x $\frac{30}{0.939}$ = 239.1 gpm
			% diff. = 100 x $\frac{1.03}{240.14}$ = 0.43% slow
			VOID? <input type="checkbox"/>
			<u>Notes</u>

Notes

**PRODUCTION WELL METER TESTS
In the Central Basin for the
Week of 05/06/24 through 05/10/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Maywood Mutual Water Company No. 1	02S13W24B002S/4	Endress-Hauser	D	CA02DE16000	5/7/2024		0.2	Y
Maywood Mutual Water Company No. 1	02S13W24F001S/3	McCrometer	M	14-13831-12	5/7/2024		0.3	Y
Maywood Mutual Water Company No. 2	02S13W13N002S/MAYAVE	Krohne	E	NA	5/7/2024	0.3		Y
Suburan Water Systems	NA/W7	UltraMag	D	NA	5/9/2024		0.0	Y
Suburan Water Systems	NA/W8	Water Spec	D	20061451-16	5/9/2024		2.3	Y
Suburan Water Systems	NA/W10	Water Spec	D	20081136-16	5/9/2024		1.0	Y
Suburan Water Systems	NA/W9	Rosemount	E	11919	5/9/2024	1.9		Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Maywood Mutual Water Company No. 1	Meter Error: 0.2% slow	
State Well No.	02S13W24B002S	Type (D/M/E)	D
Owner No.	4	Make	Endress-Hauser
Basin	Central	Serial No.	CA02DE16000
Test Date	5/7/2024	No. of Dials	1000
Tested By	AC	Fixed Zeroes	
Recorded By	AC	Multi.	1000
Last Test Date	6/23/2023	Units (gal/af/cf)	gal
		Pipe In. Dia. (in)	10
		Pipe Area (in ²)	78.540
		New meter?	
		Pipe ID'd?	

1st Reading	1150634		Mano. Diff.	Qp = 78.54 x 7.48 = 587.5 gpm
2nd Reading	1150636	1	7.5	Qm = 1 x $\frac{2000}{3.419}$ = 584.9 gpm
Difference	2	2	7.4	% diff. = 100 x $\frac{2.57}{587.48}$ = 0.44% slow
Elapsed Time	3 m 25.16 s	3	7.6	VOID? <input type="checkbox"/>
Total Minutes	3.419	4	7.5	<u>Notes</u>
		5	7.6	
		6	7.4	
		7	7.3	
		8	7.5	
		9	7.4	
		10	7.6	
		Avg	7.48	

1st Reading	1150636		Mano. Diff.	Qp = 78.54 x 7.60 = 596.9 gpm
2nd Reading	1150638	1	7.6	Qm = 1 x $\frac{2000}{3.221}$ = 621.0 gpm
Difference	2	2	7.5	% diff. = 100 x $\frac{-24.09}{596.90}$ = 4.04% fast
Elapsed Time	3 m 13.24 s	3	7.7	VOID? <input type="checkbox"/>
Total Minutes	3.221	4	7.4	<u>Notes</u>
		5	7.5	
		6	7.7	
		7	7.6	
		8	7.8	
		9	7.7	
		10	7.5	
		Avg	7.60	

1st Reading	1150638		Mano. Diff.	Qp = 78.54 x 7.74 = 607.9 gpm
2nd Reading	1150640	1	7.7	Qm = 1 x $\frac{2000}{3.435}$ = 582.2 gpm
Difference	2	2	7.8	% diff. = 100 x $\frac{25.71}{607.90}$ = 4.23% slow
Elapsed Time	3 m 26.12 s	3	7.9	VOID? <input type="checkbox"/>
Total Minutes	3.435	4	7.7	<u>Notes</u>
		5	7.6	
		6	7.5	
		7	7.8	
		8	7.9	
		9	7.8	
		10	7.7	
		Avg	7.74	

Notes

WATER METER TEST

Owner	Maywood Mutual Water Company No. 1		Meter Error: 0.3% slow	
State Well No.	02S13W24F001S			
Owner No.	3	Type (D/M/E)	M	
Basin	Central	Make	McCrometer	Pipe In. Dia. (in) 12 3/16
Test Date	5/7/2024	Serial No.	14-13831-12	Pipe Area (in ²) 116.659
Tested By	AC DH	No. of Dials	6	
Recorded By	AC DH	Fixed Zeroes		
		Multi.	1000	New meter?
Last Test Date	6/23/2023	Units (gal/af/cf)	gal	Pipe ID'd? x

1st Reading	638047		Mano. Diff.	Qp = 116.66 x 5.85 = 682.5 gpm
2nd Reading	638049	1	6.0	Qm = 1 x $\frac{2000}{2.941}$ = 680.0 gpm
Difference	2	2	6.5	% diff. = 100 x $\frac{2.42}{682.46}$ = 0.35% slow
Elapsed Time	2 m 56.46 s	3	5.5	VOID? <input type="checkbox"/>
Total Minutes	2.941	4	6.0	<u>Notes</u>
		5	5.5	
		6	6.0	
		7	6.0	
		8	5.5	
		9	5.5	
		10	6.0	
		Avg	5.85	

1st Reading	638049		Mano. Diff.	Qp = 116.66 x 6.00 = 700.0 gpm
2nd Reading	638051	1	6.0	Qm = 1 x $\frac{2000}{2.952}$ = 677.5 gpm
Difference	2	2	6.0	% diff. = 100 x $\frac{22.49}{699.96}$ = 3.21% slow
Elapsed Time	2 m 57.13 s	3	6.0	VOID? <input type="checkbox"/>
Total Minutes	2.952	4	6.0	<u>Notes</u>
		5	6.0	
		6	6.0	
		7	6.0	
		8	6.0	
		9	6.0	
		10	6.0	
		Avg	6.00	

1st Reading	638051		Mano. Diff.	Qp = 116.66 x 5.70 = 665.0 gpm
2nd Reading	638053	1	5.5	Qm = 1 x $\frac{2000}{2.930}$ = 682.7 gpm
Difference	2	2	6.0	% diff. = 100 x $\frac{-17.75}{664.96}$ = 2.67% fast
Elapsed Time	2 m 55.77 s	3	5.5	VOID? <input type="checkbox"/>
Total Minutes	2.930	4	6.0	<u>Notes</u>
		5	5.5	
		6	6.0	
		7	5.5	
		8	6.0	
		9	5.5	
		10	5.5	
		Avg	5.70	

Notes

WATER METER TEST

Owner	Maywood Mutual Water Company No. 2	Meter Error: 0.3% fast	
State Well No.	02S13W13N002S		
Owner No.	MAYAVE	Type (D/M/E)	E
Basin	Central	Make	Krohne
Test Date	5/7/2024	Serial No.	N/A
Tested By	AC	No. of Dials	
Recorded By	AC	Fixed Zeroes	
		Multi.	1000
		Units (gal/af/cf)	gal
Last Test Date	2/9/2023	New meter?	
		Pipe ID'd?	
		Pipe In. Dia. (in)	12 1/8
		Pipe Area (in ²)	115.466

1st Reading	2434720		Mano. Diff.	
2nd Reading	2434722	1	5.5	$Q_p = 115.47 \times 5.30 = 612.0 \text{ gpm}$
Difference	2	2	5.0	$Q_m = 1 \times \frac{2000}{3.262} = 613.2 \text{ gpm}$
Elapsed Time	3 m 15.69 s	3	5.0	$\% \text{ diff.} = 100 \times \frac{-1.25}{611.97} = 0.20\% \text{ fast}$
Total Minutes	3.262	4	5.5	VOID? <input type="checkbox"/>
		5	5.0	<u>Notes</u>
		6	5.5	
		7	5.5	
		8	5.5	
		9	5.5	
		10	5.0	
		Avg	5.30	

1st Reading	2434722		Mano. Diff.	
2nd Reading	2434725	1	5.0	$Q_p = 115.47 \times 5.30 = 612.0 \text{ gpm}$
Difference	3	2	5.5	$Q_m = 1 \times \frac{3000}{4.898} = 612.5 \text{ gpm}$
Elapsed Time	4 m 53.88 s	3	5.5	$\% \text{ diff.} = 100 \times \frac{-0.53}{611.97} = 0.09\% \text{ fast}$
Total Minutes	4.898	4	5.0	VOID? <input type="checkbox"/>
		5	5.5	<u>Notes</u>
		6	5.0	
		7	5.5	
		8	5.5	
		9	5.5	
		10	5.0	
		Avg	5.30	

1st Reading	2434725		Mano. Diff.	
2nd Reading	2434727	1	5.0	$Q_p = 115.47 \times 5.20 = 600.4 \text{ gpm}$
Difference	2	2	5.5	$Q_m = 1 \times \frac{2000}{3.314} = 603.4 \text{ gpm}$
Elapsed Time	3 m 18.86 s	3	5.0	$\% \text{ diff.} = 100 \times \frac{-3.02}{600.42} = 0.50\% \text{ fast}$
Total Minutes	3.314	4	5.5	VOID? <input type="checkbox"/>
		5	5.5	<u>Notes</u>
		6	5.0	
		7	5.0	
		8	5.0	
		9	5.5	
		10	5.0	
		Avg	5.20	

Notes

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 0.0% slow	
State Well No.	NA	Type (D/M/E)	D		
Owner No.	W7		UltraMag	Pipe In. Dia. (in)	16
Basin	Central	Make	NA	Pipe Area (in ²)	201.062
Test Date	5/9/2024	Serial No.			
Tested By	DH	No. of Dials			
Recorded By	DH AC	Fixed Zeroes			
		Multi.	1	New meter?	
Last Test Date	First Time Testing	Units (gal/af/cf)	gal	Pipe ID'd?	x

1st Reading	0	Mano. Diff.		$Q_p = 201.06 \times 15.59 = 3134.6 \text{ gpm}$
2nd Reading	3144.4	1	15.5	$Q_m = 1 \times \frac{3144.4}{1.000} = 3144.4 \text{ gpm}$
Difference	3144.4	2	15.7	$\% \text{ diff.} = 100 \times \frac{-9.84}{3134.56} = 0.31\% \text{ fast}$
Elapsed Time	1 m 0.00 s	3	15.6	VOID? <input type="checkbox"/>
Total Minutes	1.000	4	15.8	<u>Notes</u>
		5	15.7	
		6	15.6	
		7	15.5	
		8	15.5	
		9	15.5	
		10	15.5	
		Avg	15.59	

1st Reading	0	Mano. Diff.		$Q_p = 201.06 \times 15.48 = 3112.4 \text{ gpm}$
2nd Reading	3114.75	1	15.2	$Q_m = 1 \times \frac{3114.75}{1.000} = 3114.8 \text{ gpm}$
Difference	3114.75	2	15.4	$\% \text{ diff.} = 100 \times \frac{-2.31}{3112.44} = 0.07\% \text{ fast}$
Elapsed Time	1 m 0.00 s	3	15.5	VOID? <input type="checkbox"/>
Total Minutes	1.000	4	15.4	<u>Notes</u>
		5	15.5	
		6	15.4	
		7	15.6	
		8	15.6	
		9	15.5	
		10	15.7	
		Avg	15.48	

1st Reading	0	Mano. Diff.		$Q_p = 201.06 \times 15.57 = 3130.5 \text{ gpm}$
2nd Reading	3117.8	1	15.6	$Q_m = 1 \times \frac{3117.8}{1.000} = 3117.8 \text{ gpm}$
Difference	3117.8	2	15.5	$\% \text{ diff.} = 100 \times \frac{12.73}{3130.53} = 0.41\% \text{ slow}$
Elapsed Time	1 m 0.00 s	3	15.7	VOID? <input type="checkbox"/>
Total Minutes	1.000	4	15.6	<u>Notes</u>
		5	15.6	
		6	15.6	
		7	15.4	
		8	15.6	
		9	15.6	
		10	15.5	
		Avg	15.57	

Notes

First time DWR has tested well. Well runs on variable flow. Test results with Totalizer readings were inclusive, used GPM reading (taking 10 reading and dividing by 10 for average GPM reading in a one minute span).

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 2.3% slow
State Well No.	NA	Type (D/M/E)	D	
Owner No.	W8	Make	Water Spec	Pipe In. Dia. (in) 16 1/2
Basin	Central	Serial No.	20061451-16	Pipe Area (in ²) 213.825
Test Date	5/9/2024	No. of Dials		
Tested By	AC	Fixed Zeroes		
Recorded By	AC	Multi.	100	New meter?
Last Test Date	First Time Testing	Units (gal/af/cf)	cf	Pipe ID'd? x

1st Reading	6554623	Mano. Diff.		$Q_p = 213.82 \times 11.72 = 2506.0 \text{ gpm}$
2nd Reading	6554629	1	11.7	$Q_m = 7.48 \times \frac{600}{1.838} = 2442.4 \text{ gpm}$
Difference	6	2	11.6	$\% \text{ diff.} = 100 \times \frac{63.58}{2506.02} = 2.54\% \text{ slow}$
Elapsed Time	1 m 50.25 s	3	11.8	VOID? <input type="checkbox"/>
Total Minutes	1.838	4	11.7	<u>Notes</u>
		5	11.8	
		6	11.6	
		7	11.6	
		8	11.7	
		9	11.9	
		10	11.8	
		Avg	11.72	

1st Reading	6554629	Mano. Diff.		$Q_p = 213.82 \times 11.65 = 2491.1 \text{ gpm}$
2nd Reading	6554657	1	11.9	$Q_m = 7.48 \times \frac{2800}{8.614} = 2431.5 \text{ gpm}$
Difference	28	2	11.8	$\% \text{ diff.} = 100 \times \frac{59.57}{2491.06} = 2.39\% \text{ slow}$
Elapsed Time	8 m 36.82 s	3	11.6	VOID? <input type="checkbox"/>
Total Minutes	8.614	4	11.7	<u>Notes</u>
		5	11.7	
		6	11.6	
		7	11.7	
		8	11.5	
		9	11.6	
		10	11.4	
		Avg	11.65	

1st Reading	6554657	Mano. Diff.		$Q_p = 213.82 \times 11.45 = 2448.3 \text{ gpm}$
2nd Reading	6554664	1	11.4	$Q_m = 7.48 \times \frac{700}{2.183} = 2398.9 \text{ gpm}$
Difference	7	2	11.5	$\% \text{ diff.} = 100 \times \frac{49.39}{2448.29} = 2.02\% \text{ slow}$
Elapsed Time	2 m 10.96 s	3	11.4	VOID? <input type="checkbox"/>
Total Minutes	2.183	4	11.5	<u>Notes</u>
		5	11.3	
		6	11.5	
		7	11.4	
		8	11.5	
		9	11.5	
		10	11.5	
		Avg	11.45	

Notes

First time DWR has tested well.

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 1.0% slow
State Well No.	NA	Type (D/M/E)	D	
Owner No.	W10	Make	Water Spec	Pipe In. Dia. (in) 15 3/8
Basin	Central	Serial No.	20081136-16	Pipe Area (in ²) 185.661
Test Date	5/9/2024	No. of Dials		
Tested By	DH AC	Fixed Zeroes		
Recorded By	DH AC	Multi.	100	New meter?
Last Test Date	First Time Testing	Units (gal/af/cf)	cf	Pipe ID'd? x

1st Reading	89872304	Mano. Diff.		$Q_p = 185.66 \times 18.20 = 3379.0 \text{ gpm}$
2nd Reading	89872311	1	18.3	$Q_m = 7.48 \times \frac{700}{1.528} = 3427.4 \text{ gpm}$
Difference	7	2	18.2	$\% \text{ diff.} = 100 \times \frac{-48.42}{3379.03} = 1.43\% \text{ fast}$
Elapsed Time	1 m 31.66 s	3	18.1	VOID? <input type="checkbox"/>
Total Minutes	1.528	4	18.4	<u>Notes</u>
		5	18.2	
		6	18.3	
		7	18.2	
		8	18.0	
		9	18.1	
		10	18.2	
		Avg	18.20	

1st Reading	8987217	Mano. Diff.		$Q_p = 185.66 \times 17.84 = 3312.2 \text{ gpm}$
2nd Reading	8987241	1	18.0	$Q_m = 7.48 \times \frac{2400}{5.419} = 3312.8 \text{ gpm}$
Difference	24	2	17.9	$\% \text{ diff.} = 100 \times \frac{-0.60}{3312.19} = 0.02\% \text{ fast}$
Elapsed Time	5 m 25.14 s	3	17.6	VOID? <input type="checkbox"/>
Total Minutes	5.419	4	17.8	<u>Notes</u>
		5	18.0	
		6	17.9	
		7	17.8	
		8	18.0	
		9	17.7	
		10	17.7	
		Avg	17.84	

1st Reading	8987249	Mano. Diff.		$Q_p = 185.66 \times 18.76 = 3483.0 \text{ gpm}$
2nd Reading	8987259	1	18.6	$Q_m = 7.48 \times \frac{1000}{2.249} = 3325.7 \text{ gpm}$
Difference	10	2	18.6	$\% \text{ diff.} = 100 \times \frac{157.32}{3483.00} = 4.52\% \text{ slow}$
Elapsed Time	2 m 14.95 s	3	18.7	VOID? <input type="checkbox"/>
Total Minutes	2.249	4	18.9	<u>Notes</u>
		5	18.8	
		6	18.8	
		7	18.6	
		8	18.9	
		9	18.9	
		10	18.8	
		Avg	18.76	

Notes

First time DWR has tested well. Well runs on variable flow.

WATER METER TEST

Owner	Suburban Water Systems			Meter Error: 1.9% fast
State Well No.	NA	Type (D/M/E)	E	
Owner No.	W9	Make	Rosemount	Pipe In. Dia. (in) 16
Basin	Central	Serial No.	0011919	Pipe Area (in ²) 201.062
Test Date	5/9/2024	No. of Dials		
Tested By	AC	Fixed Zeroes		
Recorded By	AC	Multi.	1000	New meter?
Last Test Date	First Time Testing	Units (gal/af/cf)	gal	Pipe ID'd? x

1st Reading	17936868	Mano. Diff.		$Q_p = 201.06 \times 12.58 = 2529.4 \text{ gpm}$
2nd Reading	17936874	1	12.5	$Q_m = 1 \times \frac{6000}{2.364} = 2538.1 \text{ gpm}$
Difference	6	2	12.6	$\% \text{ diff.} = 100 \times \frac{-8.71}{2529.36} = 0.34\% \text{ fast}$
Elapsed Time	2 m 21.84 s	3	12.7	VOID? <input type="checkbox"/>
Total Minutes	2.364	4	12.6	<u>Notes</u>
		5	12.4	
		6	12.4	
		7	12.8	
		8	12.5	
		9	12.6	
		10	12.7	
		Avg	12.58	

1st Reading	17936940	Mano. Diff.		$Q_p = 201.06 \times 20.53 = 4127.8 \text{ gpm}$
2nd Reading	17936950	1	20.5	$Q_m = 1 \times \frac{10000}{2.359} = 4239.7 \text{ gpm}$
Difference	10	2	20.6	$\% \text{ diff.} = 100 \times \frac{-111.88}{4127.80} = 2.71\% \text{ fast}$
Elapsed Time	2 m 21.52 s	3	20.6	VOID? <input type="checkbox"/>
Total Minutes	2.359	4	20.5	<u>Notes</u>
		5	20.6	
		6	20.7	
		7	20.5	
		8	20.4	
		9	20.5	
		10	20.4	
		Avg	20.53	

1st Reading	17936996	Mano. Diff.		$Q_p = 201.06 \times 20.57 = 4135.8 \text{ gpm}$
2nd Reading	17937006	1	20.7	$Q_m = 1 \times \frac{10000}{2.353} = 4249.9 \text{ gpm}$
Difference	10	2	20.6	$\% \text{ diff.} = 100 \times \frac{-114.05}{4135.84} = 2.76\% \text{ fast}$
Elapsed Time	2 m 21.18 s	3	20.4	VOID? <input type="checkbox"/>
Total Minutes	2.353	4	20.5	<u>Notes</u>
		5	20.4	
		6	20.3	
		7	20.5	
		8	20.6	
		9	20.8	
		10	20.9	
		Avg	20.57	

Notes

First time DWR has tested well.

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 05/13/24 through 05/17/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Virginia Country Club	04S13W12E001S/VIR2	Mitsubishi	E	NA	5/13/2024	0.4		Y
Virginia Country Club	04S13W12M006S/TEX1	Mitsubishi	E	NA	5/13/2024	20.9		N

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Virginia Country Club			Meter Error: 0.4% fast
State Well No.	04S13W12E001S			
Owner No.	VIR2	Type (D/M/E)	E	
Basin	Central	Make	Mitsubishi	Pipe In. Dia. (in) 6
Test Date	5/13/2024	Serial No.	N/A	Pipe Area (in ²) 28.274
Tested By	AC DH	No. of Dials		
Recorded By	AC DH	Fixed Zeroes		
		Multi.	1	New meter?
Last Test Date	6/11/2020	Units (gal/af/cf)	gal	Pipe ID'd? x

1st Reading	638425102		Mano. Diff.	Qp = 28.27 x 7.18 = 203.0 gpm
2nd Reading	638425476	1	7.5	Qm = 1 x $\frac{374}{1.830}$ = 204.4 gpm
Difference	374	2	7.6	% diff. = 100 x $\frac{-1.38}{203.01}$ = 0.68% fast
Elapsed Time	1 m 49.79 s	3	7.0	VOID? <input type="checkbox"/>
Total Minutes	1.830	4	7.2	<u>Notes</u>
		5	7.1	
		6	7.0	
		7	7.3	
		8	7.0	
		9	7.0	
		10	7.1	
		Avg	7.18	

1st Reading	638426438		Mano. Diff.	Qp = 28.27 x 7.54 = 213.2 gpm
2nd Reading	638426933	1	7.5	Qm = 1 x $\frac{495}{2.329}$ = 212.6 gpm
Difference	495	2	7.6	% diff. = 100 x $\frac{0.64}{213.19}$ = 0.30% slow
Elapsed Time	2 m 19.73 s	3	7.5	VOID? <input type="checkbox"/>
Total Minutes	2.329	4	7.5	<u>Notes</u>
		5	7.6	
		6	7.6	
		7	7.5	
		8	7.5	
		9	7.6	
		10	7.5	
		Avg	7.54	

1st Reading	638425861		Mano. Diff.	Qp = 28.27 x 7.39 = 208.9 gpm
2nd Reading	638426438	1	7.3	Qm = 1 x $\frac{577}{2.736}$ = 210.9 gpm
Difference	577	2	7.4	% diff. = 100 x $\frac{-1.97}{208.95}$ = 0.94% fast
Elapsed Time	2 m 44.14 s	3	7.5	VOID? <input type="checkbox"/>
Total Minutes	2.736	4	7.4	<u>Notes</u>
		5	7.3	
		6	7.5	
		7	7.4	
		8	7.4	
		9	7.3	
		10	7.4	
		Avg	7.39	

Notes

DWR has not tested well since 2020.

WATER METER TEST

Owner	Virginia Country Club			Meter Error: 20.9% fast
State Well No.	04S13W12M006S			
Owner No.	TEX1	Type (D/M/E)	E	
Basin	Central	Make	Mitsubishi	Pipe In. Dia. (in) 6
Test Date	5/13/2024	Serial No.	N/A	Pipe Area (in ²) 28.274
Tested By	AC DH	No. of Dials		
Recorded By	AC DH	Fixed Zeroes		
		Multi.	1	New meter?
Last Test Date	6/11/2020	Units (gal/af/cf)	gal	Pipe ID'd?

1st Reading	734460044		Mano. Diff.	Qp = 28.27 x 26.95 = 762.0 gpm
2nd Reading	734487905	1	27.0	Qm = 1 x $\frac{27861}{30.367}$ = 917.5 gpm
Difference	27861	2	27.1	% diff. = 100 x $\frac{-155.48}{761.99}$ = 20.40% fast
Elapsed Time	30 m 22.02 s	3	26.8	VOID? <input type="checkbox"/>
Total Minutes	30.367	4	26.7	<u>Notes</u>
		5	26.9	used total run time
		6	26.8	
		7	27.7	
		8	26.8	
		9	26.7	
		10	27.0	
		Avg	26.95	

1st Reading	414703709		Mano. Diff.	Qp = 28.27 x 26.86 = 759.4 gpm
2nd Reading	414705748	1	26.7	Qm = 1 x $\frac{2039}{2.218}$ = 919.2 gpm
Difference	2039	2	26.8	% diff. = 100 x $\frac{-159.78}{759.45}$ = 21.04% fast
Elapsed Time	2 m 13.09 s	3	26.9	VOID? <input type="checkbox"/>
Total Minutes	2.218	4	27.0	<u>Notes</u>
		5	26.8	used monthly reset run time
		6	26.9	
		7	27.0	
		8	26.8	
		9	26.8	
		10	26.9	
		Avg	26.86	

1st Reading	734458359		Mano. Diff.	Qp = 28.27 x 26.81 = 758.0 gpm
2nd Reading	734460044	1	26.8	Qm = 1 x $\frac{1685}{1.831}$ = 920.1 gpm
Difference	1685	2	26.8	% diff. = 100 x $\frac{-162.06}{758.03}$ = 21.38% fast
Elapsed Time	1 m 49.88 s	3	26.7	VOID? <input type="checkbox"/>
Total Minutes	1.831	4	26.7	<u>Notes</u>
		5	27.0	used total run time
		6	26.9	
		7	26.8	
		8	26.7	
		9	26.8	
		10	26.9	
		Avg	26.81	

Notes

Attempted various tests. Results were the same, around 21% fast. Could be due to lack of back pressure in pipe, attempted closing a valve, Manometer Diff and Totalizer GPM would drop, but gave higher percentage test results.

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 05/20/24 through 05/24/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Long Beach, City of	04S12W28H006S/ALA08	Rosemount	D	0012331	5/23/2024		0.0	Y
Long Beach, City of	04S12W06J002S/NLB11	Rosemount	D	0012319	5/23/2024		1.7	Y
Long Beach, City of	04S12W02G001S/DEV05	Rosemount	D	0012318	5/23/2024		1.0	Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Long Beach, City of					Meter Error: 0.0% slow
State Well No.	04S12W28H006S					
Owner No.	ALA08	Type (D/M/E)	D			
Basin	Central	Make	Rosemount	Pipe In. Dia. (in)	11 3/4	
Test Date	5/23/2024	Serial No.	0012331	Pipe Area (in ²)	108.434	
Tested By	DH	No. of Dials	7			
Recorded By	DH	Fixed Zeroes				
		Multi.	100	New meter?		
Last Test Date	1/9/2023	Units (gal/af/cf)	cf	Pipe ID'd?		

1st Reading	1177432		Mano. Diff.			
2nd Reading	1177434	1	4.5	Qp = 108.43	x 4.70	= 509.6 gpm
Difference	2	2	4.5	Qm = 7.48	x $\frac{200}{2.934}$	= 509.9 gpm
Elapsed Time	2 m 56.05 s	3	4.5	% diff. = 100	x $\frac{-0.22}{509.64}$	= 0.04% fast
Total Minutes	2.934	4	4.5			VOID? <input type="checkbox"/>
		5	5.0			
		6	5.0			
		7	5.0			
		8	5.0			
		9	4.5			
		10	4.5			
		Avg	4.70			

1st Reading	1177434		Mano. Diff.			
2nd Reading	1177435	1	4.5	Qp = 108.43	x 4.65	= 504.2 gpm
Difference	1	2	4.5	Qm = 7.48	x $\frac{100}{1.485}$	= 503.6 gpm
Elapsed Time	1 m 29.12 s	3	4.5	% diff. = 100	x $\frac{0.63}{504.22}$	= 0.12% slow
Total Minutes	1.485	4	4.5			VOID? <input type="checkbox"/>
		5	4.5			
		6	4.5			
		7	5.0			
		8	5.0			
		9	4.5			
		10	5.0			
		Avg	4.65			

1st Reading	1177435		Mano. Diff.			
2nd Reading	1177437	1	5.0	Qp = 108.43	x 4.75	= 515.1 gpm
Difference	2	2	5.0	Qm = 7.48	x $\frac{200}{2.903}$	= 515.3 gpm
Elapsed Time	2 m 54.20 s	3	5.0	% diff. = 100	x $\frac{-0.21}{515.06}$	= 0.04% fast
Total Minutes	2.903	4	5.0			VOID? <input type="checkbox"/>
		5	5.0			
		6	4.5			
		7	4.5			
		8	4.5			
		9	4.5			
		10	4.5			
		Avg	4.75			

Notes

WATER METER TEST

Owner	Long Beach, City of					Meter Error: 1.7% slow
State Well No.	04S12W06J002S					
Owner No.	NLB11	Type (D/M/E)	D			
Basin	Central	Make	Rosemount	Pipe In. Dia. (in)	8	
Test Date	5/23/2024	Serial No.	0012319	Pipe Area (in ²)	50.265	
Tested By	DH	No. of Dials				
Recorded By	DH	Fixed Zeroes				
		Multi.	100	New meter?		
Last Test Date	1/12/2023	Units (gal/af/cf)	cf	Pipe ID'd?		

1st Reading	2404401		Mano. Diff.			
2nd Reading	2404403	1	8.1	Qp =	50.27	x 8.05 = 404.6 gpm
Difference	2	2	8.2	Qm =	7.48	x $\frac{200}{3.769}$ = 396.9 gpm
Elapsed Time	3 m 46.13 s	3	7.9	% diff. = 100	x $\frac{7.70}{404.64}$	= 1.90% slow
Total Minutes	3.769	4	8.0			VOID? <input type="checkbox"/>
		5	8.1			
		6	8.0			
		7	8.1			
		8	8.0			
		9	8.0			
		10	8.1			
		Avg	8.05			

Notes

1st Reading	2404406		Mano. Diff.			
2nd Reading	2404408	1	8.0	Qp =	50.27	x 7.96 = 400.1 gpm
Difference	2	2	8.0	Qm =	7.48	x $\frac{200}{3.823}$ = 391.4 gpm
Elapsed Time	3 m 49.35 s	3	7.8	% diff. = 100	x $\frac{8.75}{400.11}$	= 2.19% slow
Total Minutes	3.823	4	7.8			VOID? <input type="checkbox"/>
		5	7.7			
		6	7.9			
		7	8.1			
		8	8.1			
		9	8.2			
		10	8.0			
		Avg	7.96			

Notes

1st Reading	2404404		Mano. Diff.			
2nd Reading	2404406	1	7.9	Qp =	50.27	x 8.02 = 403.1 gpm
Difference	2	2	8.0	Qm =	7.48	x $\frac{200}{3.744}$ = 399.6 gpm
Elapsed Time	3 m 44.65 s	3	8.1	% diff. = 100	x $\frac{3.57}{403.13}$	= 0.89% slow
Total Minutes	3.744	4	8.2			VOID? <input type="checkbox"/>
		5	8.0			
		6	8.0			
		7	8.0			
		8	8.0			
		9	8.0			
		10	8.0			
		Avg	8.02			

Notes

Notes

WATER METER TEST

Owner	Long Beach, City of					Meter Error: 1.0% slow
State Well No.	04S12W02G001S					
Owner No.	DEV05	Type (D/M/E)	D			
Basin	Central	Make	Rosemount	Pipe In. Dia. (in)	7 1/8	
Test Date	5/23/2024	Serial No.	0012318	Pipe Area (in ²)	39.871	
Tested By	DH	No. of Dials				
Recorded By	DH	Fixed Zeroes				
		Multi.	100	New meter?		
Last Test Date	4/7/2023	Units (gal/af/cf)	cf	Pipe ID'd?		

1st Reading	965799		Mano. Diff.			Qp = 39.87 x 3.60 = 143.5 gpm
2nd Reading	965800	1	4.0			Qm = 7.48 x $\frac{100}{5.167}$ = 144.8 gpm
Difference	1	2	4.0			% diff. = 100 x $\frac{-1.24}{143.54}$ = 0.86% fast
Elapsed Time	5 m 10.00 s	3	3.5			VOID? <input type="checkbox"/>
Total Minutes	5.167	4	3.5			<u>Notes</u>
		5	3.5			
		6	3.5			
		7	3.5			
		8	3.5			
		9	3.5			
		10	3.5			
		Avg	3.60			

1st Reading	965800		Mano. Diff.			Qp = 39.87 x 3.75 = 149.5 gpm
2nd Reading	965801	1	3.5			Qm = 7.48 x $\frac{100}{5.155}$ = 145.1 gpm
Difference	1	2	3.5			% diff. = 100 x $\frac{4.41}{149.52}$ = 2.95% slow
Elapsed Time	5 m 9.29 s	3	4.0			VOID? <input type="checkbox"/>
Total Minutes	5.155	4	3.5			<u>Notes</u>
		5	4.0			
		6	3.5			
		7	3.5			
		8	4.0			
		9	4.0			
		10	4.0			
		Avg	3.75			

1st Reading	965801		Mano. Diff.			Qp = 39.87 x 3.65 = 145.5 gpm
2nd Reading	965802	1	3.5			Qm = 7.48 x $\frac{100}{5.191}$ = 144.1 gpm
Difference	1	2	3.5			% diff. = 100 x $\frac{1.43}{145.53}$ = 0.99% slow
Elapsed Time	5 m 11.46 s	3	3.5			VOID? <input type="checkbox"/>
Total Minutes	5.191	4	4.0			<u>Notes</u>
		5	4.0			
		6	3.5			
		7	3.5			
		8	3.5			
		9	3.5			
		10	4.0			
		Avg	3.65			

Notes

**PRODUCTION WELL METER TESTS
 In the Central Basin for the
 Week of 05/27/24 through 05/31/24**

Well		Water Meter			Test Date	Error %		Acceptable
Owner	SWN/Owner No.	Make	Type	Serial No.		Fast	Slow	
Los Angeles, City of Dept of Water and Power	NA/6	Water Spec	M	20090138-12	5/29/2024	1.0		Y
Los Angeles, City of Dept of Water and Power	NA/5	Water Spec	M	20090141-12	5/29/2024	0.6		Y
Los Angeles, City of Dept of Water and Power	02S14W23H020S/MH-PW-10	Water Spec	M	20170249-12	5/29/2024		3.4	Y

Type: D=Digital Meter, E=Electronic Meter, M=Mechanical Meter, *=New Meter

Acceptable: Y= Yes, N= No

WATER METER TEST

Owner	Los Angeles, City of Dept of Water and Pov			Meter Error: 1.0% fast
State Well No.	NA	Type (D/M/E)	M	
Owner No.	6	Make	Water Spec	Pipe In. Dia. (in) 12
Basin	Central	Serial No.	20090138-12	Pipe Area (in ²) 113.097
Test Date	5/29/2024	No. of Dials		
Tested By	AC	Fixed Zeroes		
Recorded By	AC	Multi.	100	New meter?
Last Test Date	6/30/2023	Units (gal/af/cf)	cf	Pipe ID'd? x

1st Reading	29212	Mano. Diff.			
2nd Reading	29214	1	8.3	Qp = 113.10	x 8.23 = 930.8 gpm
Difference	2	2	8.4	Qm = 7.48	x $\frac{200}{1.587}$ = 942.8 gpm
Elapsed Time	1 m 35.21 s	3	8.3	% diff. = 100	x $\frac{-11.97}{930.79}$ = 1.29% fast
Total Minutes	1.587	4	8.2		VOID? <input type="checkbox"/>
		5	8.2		
		6	8.1		
		7	8.3		
		8	8.2		
		9	8.1		
		10	8.2		
		Avg	8.23		

1st Reading	29214	Mano. Diff.			
2nd Reading	29216	1	8.2	Qp = 113.10	x 8.19 = 926.3 gpm
Difference	2	2	8.2	Qm = 7.48	x $\frac{200}{1.615}$ = 926.6 gpm
Elapsed Time	1 m 36.87 s	3	8.1	% diff. = 100	x $\frac{-0.34}{926.27}$ = 0.04% fast
Total Minutes	1.615	4	8.2		VOID? <input type="checkbox"/>
		5	8.1		
		6	8.4		
		7	8.2		
		8	8.0		
		9	8.2		
		10	8.3		
		Avg	8.19		

1st Reading	29216	Mano. Diff.			
2nd Reading	29218	1	8.2	Qp = 113.10	x 8.09 = 915.0 gpm
Difference	2	2	8.0	Qm = 7.48	x $\frac{200}{1.606}$ = 931.4 gpm
Elapsed Time	1 m 36.37 s	3	8.2	% diff. = 100	x $\frac{-16.45}{914.96}$ = 1.80% fast
Total Minutes	1.606	4	8.1		VOID? <input type="checkbox"/>
		5	8.0		
		6	8.1		
		7	8.0		
		8	8.2		
		9	8.0		
		10	8.1		
		Avg	8.09		

Notes

WATER METER TEST

Owner	Los Angeles, City of Dept of Water and Pov			Meter Error: 0.6% fast
State Well No.	NA	Type (D/M/E)	M	
Owner No.	5	Make	Water Spec	Pipe In. Dia. (in) 12
Basin	Cental	Serial No.	20090141-12	Pipe Area (in ²) 113.097
Test Date	5/29/2024	No. of Dials		
Tested By	AC	Fixed Zeroes		
Recorded By	AC	Multi.	100	New meter?
Last Test Date	6/30/2023	Units (gal/af/cf)	cf	Pipe ID'd?

1st Reading	131218	Mano. Diff.		$Q_p = 113.10 \times 12.90 = 1459.0 \text{ gpm}$
2nd Reading	131221	1	12.8	$Q_m = 7.48 \times \frac{300}{1.521} = 1475.2 \text{ gpm}$
Difference	3	2	13.0	$\% \text{ diff.} = 100 \times \frac{-16.23}{1458.96} = 1.11\% \text{ fast}$
Elapsed Time	1 m 31.27 s	3	12.7	VOID? <input type="checkbox"/>
Total Minutes	1.521	4	13.0	<u>Notes</u>
		5	13.0	
		6	12.9	
		7	12.9	
		8	13.0	
		9	12.7	
		10	13.0	
		Avg	12.90	

1st Reading	131229	Mano. Diff.		$Q_p = 113.10 \times 12.77 = 1444.3 \text{ gpm}$
2nd Reading	131233	1	12.5	$Q_m = 7.48 \times \frac{400}{2.056} = 1455.6 \text{ gpm}$
Difference	4	2	12.8	$\% \text{ diff.} = 100 \times \frac{-11.35}{1444.25} = 0.79\% \text{ fast}$
Elapsed Time	2 m 3.33 s	3	12.8	VOID? <input type="checkbox"/>
Total Minutes	2.056	4	12.7	<u>Notes</u>
		5	12.9	
		6	12.8	
		7	12.7	
		8	12.8	
		9	12.9	
		10	12.8	
		Avg	12.77	

1st Reading	131233	Mano. Diff.		$Q_p = 113.10 \times 12.83 = 1451.0 \text{ gpm}$
2nd Reading	131238	1	12.7	$Q_m = 7.48 \times \frac{500}{2.579} = 1450.4 \text{ gpm}$
Difference	5	2	12.8	$\% \text{ diff.} = 100 \times \frac{0.68}{1451.04} = 0.05\% \text{ slow}$
Elapsed Time	2 m 34.72 s	3	13.0	VOID? <input type="checkbox"/>
Total Minutes	2.579	4	12.9	<u>Notes</u>
		5	12.8	
		6	12.7	
		7	12.9	
		8	12.8	
		9	12.9	
		10	12.8	
		Avg	12.83	

Notes

WATER METER TEST

Owner	Los Angeles, City of Dept of Water and Pov	Meter Error: 3.4% slow	
State Well No.	02S14W23H020S	Type (D/M/E)	M
Owner No.	MH-PW-10	Make	Water Spec
Basin	Central	Serial No.	20170249-12
Test Date	5/29/2024	No. of Dials	
Tested By	DH	Fixed Zeroes	
Recorded By	DH	Multi.	100
Last Test Date	First Time Testing	Units (gal/af/cf)	cf
			Pipe In. Dia. (in) 12
			Pipe Area (in ²) 113.097
			New meter? <input type="checkbox"/>
			Pipe ID'd? <input type="checkbox"/>

1st Reading	181396		Mano. Diff.	Qp = 113.10 x 17.12 = 1936.2 gpm
2nd Reading	181400	1	17.2	Qm = 7.48 x $\frac{400}{1.613}$ = 1855.1 gpm
Difference	4	2	17.3	% diff. = 100 x $\frac{81.11}{1936.23}$ = 4.19% slow
Elapsed Time	1 m 36.77 s	3	17.2	VOID? <input type="checkbox"/>
Total Minutes	1.613	4	17.0	<u>Notes</u>
		5	17.0	
		6	17.1	
		7	17.1	
		8	17.3	
		9	17.0	
		10	17.0	
		Avg	17.12	

1st Reading	181400		Mano. Diff.	Qp = 113.10 x 16.97 = 1919.3 gpm
2nd Reading	181408	1	16.9	Qm = 7.48 x $\frac{800}{3.216}$ = 1860.7 gpm
Difference	8	2	16.9	% diff. = 100 x $\frac{58.57}{1919.26}$ = 3.05% slow
Elapsed Time	3 m 12.96 s	3	17.1	VOID? <input type="checkbox"/>
Total Minutes	3.216	4	17.0	<u>Notes</u>
		5	17.1	
		6	16.9	
		7	17.1	
		8	16.9	
		9	16.8	
		10	17.0	
		Avg	16.97	

1st Reading	181408		Mano. Diff.	Qp = 113.10 x 16.82 = 1902.3 gpm
2nd Reading	181412	1	16.7	Qm = 7.48 x $\frac{400}{1.619}$ = 1848.2 gpm
Difference	4	2	17.0	% diff. = 100 x $\frac{54.05}{1902.30}$ = 2.84% slow
Elapsed Time	1 m 37.13 s	3	16.7	VOID? <input type="checkbox"/>
Total Minutes	1.619	4	16.8	<u>Notes</u>
		5	16.9	
		6	16.6	
		7	16.9	
		8	16.9	
		9	16.9	
		10	16.8	
		Avg	16.82	

Notes

First time DWR has tested well.