

**AGENDA  
REGULAR MEETING  
GROUNDWATER REPLENISHMENT SYSTEM STEERING COMMITTEE  
(A Committee of Orange County Water District  
and Orange County Sanitation District Directors\*)  
18700 Ward Street, Fountain Valley  
Monday, July 8, 2024 5:00 p.m.**

\* Orange County Water District Notice: The GWRS Steering Committee (SC) meeting is being noticed as a joint meeting with the Orange County Water District (OCWD) Board of Directors and Orange County Sanitation District (OC San) Board of Directors for the purpose of strict compliance with the Brown Act and it provides an opportunity for all Directors to hear presentations and participate in discussions. The SC has been delegated limited authority by the OCWD and OC San Boards of Directors. Agenda items requiring Board approval will be placed on future OCWD and/or OC San Board meeting Agendas. OCWD Directors receive no additional compensation or stipend as a result of simultaneously convening this meeting.

**Computer Audio: Join the Zoom Webinar by clicking on the following link:**

<https://ocwd.zoom.us/j/85227343996>

**Webinar ID: 852 2734 3996**

**Telephone Audio: (213) 338 8477**

Teleconference Sites:

400 W. Civic Center Drive, Santa Ana

1454 Madison Street, Tustin

10382 Bonnie Drive, Garden Grove

\* Members of the public may attend and participate at all locations.

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

**VISITOR PARTICIPATION**

Time has been reserved at this point in the agenda for persons wishing to comment for up to three minutes to the Board of Directors on any item that is not listed on the agenda, but within the subject matter jurisdiction of the District. By law, the Board of Directors is prohibited from taking action on such public comments. As appropriate, matters raised in these public comments will be referred to District staff or placed on the agenda of an upcoming Board meeting.

At this time, members of the public may also offer public comment for up to three minutes on any item on the Consent Calendar. While members of the public may not remove an item from the Consent Calendar for separate discussion, a Director may do so at the request of a member of the public.

**CONSENT CALENDAR (ITEM NO. 1)**

All matters on the Consent Calendar are to be approved by one motion, without separate discussion on these items, unless a Board member or District staff request that specific items be removed from the Consent Calendar for separate consideration.

**1. MINUTES OF PREVIOUS MEETING**

**RECOMMENDATION:** Approve Minutes of the April 8, 2024 GWRS Steering Committee meeting as presented

## **END OF CONSENT CALENDAR**

### **INFORMATIONAL ITEMS**

2. GWRS OPERATIONS UPDATE
3. GWRS SECOND QUARTER OUTREACH REPORT (APRIL- JUNE 2024)

### **DIRECTORS' ANNOUNCEMENTS/REPORTS**

#### **GENERAL MANAGERS' REPORT**

- Next GWRS Steering Committee Meeting – October 14, 2024

### **DETERMINATION OF ITEMS (IF ANY) TO BE AGENDIZED FOR FUTURE OCWD BOARD MEETING AND/OR OC SAN BOARD MEETING**

### **ADJOURNMENT**

## 2024 GWRS Steering Committee Members

### OCWD Committee Members

Bruce Whitaker  
Cathy Green  
Van Tran

### OCWD Alternates

Roger Yoh  
Dina Nguyen  
Steve Sheldon

### OC San Committee Members

Chad Wanke  
Ryan Gallagher  
Jon Dumitru

### OC San Alternates

Bob Ooten  
Andrew Nguyen  
Pat Burns

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted for viewing at the guard shack entrance and in the main lobby of the Orange County Water District, 18700 Ward Street, Fountain Valley, CA not less than 72 hours prior to the meeting date and time above. All written materials relating to each agenda item are available for public inspection in the office of the District Secretary. Backup material for the Agenda is available at the District offices for public review and can be viewed online at the District's website: [www.ocwd.com](http://www.ocwd.com).

Pursuant to the Americans with Disabilities Act, persons with a disability who require a disability-related modification or accommodation in order to participate in a meeting, including auxiliary aids or services, may request such modification or accommodation from the District Secretary at (714) 378-3233, by email at [jdurant@ocwd.com](mailto:jdurant@ocwd.com) by fax at (714) 378-3373. Notification 24 hours prior to the meeting will enable District staff to make reasonable arrangements to assure accessibility to the meeting.

As a general rule, agenda reports or other written documentation has been prepared or organized with respect to each item of business listed on the agenda, and can be reviewed at [www.ocwd.com](http://www.ocwd.com). Copies of these materials and other disclosable public records distributed to all or a majority of the members of the Board of Directors in connection with an open session agenda item are also on file with and available for inspection at the Office of the District Secretary, 18700 Ward Street, Fountain Valley, California, during regular business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday. If such writings are distributed to members of the Board of Directors on the day of a Board meeting, the writings will be available at the entrance to the Board of Directors meeting room at the Orange County Water District office.



**MINUTES OF THE MEETING  
GROUNDWATER REPLENISHMENT SYSTEM STEERING COMMITTEE  
Monday, April 8, 2024**

OCWD Director Bruce Whitaker called the Groundwater Replenishment System Steering Committee meeting to order in the OCWD Boardroom. Public access was also provided via Zoom webinar. Following the Pledge of Allegiance to the flag, the Secretary called the roll and reported a quorum.

**Committee Members**

Bruce Whitaker  
Chad Wanke  
Cathy Green  
Ryan Gallagher  
Van Tran (absent)  
David Shawver

**Alternates**

Roger Yoh (absent)  
Bob Ooten  
Dina Nguyen (absent)  
Andrew Nguyen  
Steve Sheldon (absent)  
Pat Burns (absent)

<b>OCWD Staff</b>	<b>OC San Staff</b>
John Kennedy, Mehul Patel, Kira Erquiaga, Leticia Villarreal	Rob Thompson, Jennifer Cabral

**CONSENT CALENDAR**

The Consent Calendar was moved, seconded and duly carried [6-0] as follows.  
Yes – Whitaker, Wanke, Green, Gallager, Shawver, Ooten

1. Minutes of Previous Meeting

The minutes of the GWRS Steering Committee meeting held January 8, 2024, are approved as presented.

**INFORMATIONAL ITEMS**

2. GWRS Operating Budget Summary

Executive Director of Operations/GWRS Mehul Patel provided an overview of the Water Production Group work plan and the proposed Fiscal Year 2024-2025 line-item department budget for GWRS. He stated that the total recommended 2024-25 Budget is \$58.2 million, including \$900,000 demand response credit and excludes both Alamitos barrier and GAP costs.

3. GWRS Operations Update

Mr. Patel reported that the average daily production for the quarter, January through March, was 87 mgd. He stated production was limited during this reporting period due to limited seawater intrusion and mid basin injection demand due to high groundwater levels. He shared that as of March 31, 2024, the GWRS Fiscal Year 2023-24 production to date is 84,611 af which is 16,347 af below the target fiscal year production to date of 100,958 af. He advised that the shortfall is due to OC San construction project that limited feed water flows to the GWRS

during the early part of the year. He reported that he anticipates GWRS production will increase in the second quarter of 2024 as recharge basin capacity is freed up.

4. Orange County Sanitation District Plan No. 2 Salinity Investigation

OC San General Manager Rob Thompson provided an update on the salinity investigation. He stated that since the last update in January 2024, OC San has completed an extensive sampling within the Balboa Peninsula. He shared that OC San has forwarded the findings to OCWD and City of Newport Beach for further investigation. Mr. Thompson anticipates the City of Newport Beach will take the lead going forward in identifying infiltration hot spots and repairing them appropriately.

5. GWRS First Quarter Outreach Report (January - March)

OCWD Senior Communications Specialist Kira Erquiaga provided an overview of outreach for the first quarter of 2024.

First Quarter Highlights:

- 27 GWRS tours conducted accounting for 591 guests
- 12 Speakers bureau engagements
- Rob Thompson, General Manager of OC San was the speaker for the webinar *Addressing Contaminants of Emerging Concern Through Innovation, Research and Technology* held February 29. The webinar had 130 live attendees and 246 recorded Views
- Two awards were received: National Environment Achievement Award from the National Association of Clean Water Agencies and Community Water Champion Award from the WaterReuse National Association

**ADJOURNMENT**

There being no further business to come before the Committee, the meeting was adjourned at 5:30 p.m.

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OCWD Director Bruce Whitaker, Chair



## AGENDA ITEM SUBMITTAL

**Meeting Date:** July 8, 2024

**To:** GWRS Steering Committee

**From:** John Kennedy/R. Thompson

**Staff Contact:** M. Patel

**Budgeted:** N/A

**Budgeted Amount:** N/A

**Cost Estimate:** N/A

**Funding Source:** N/A

**Program/Line Item No.:** N/A

**General Counsel Approval:** N/A

**Project Report Approved:** N/A

**CEQA Compliance:** N/A

**Subject: GWRS OPERATIONS UPDATE**

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### SUMMARY

Operation of the Groundwater Replenishment System (GWRS) commenced on January 10, 2008. The GWRS operations update will be discussed at the Committee.

### RECOMMENDATION

Informational.

### DISCUSSION/ANALYSIS

Since startup in 2008, GWRS continues to produce water that meets regulatory requirements. The quality of the secondary effluent received from the Orange County Sanitation District (OC San) continues to meet all water quality requirements while operating in the nitrified/denitrified (NDN) mode. The GWRS Microfiltration (MF) and Reverse Osmosis (RO) treatment processes have benefited in overall operational improvements as a result of OC San's efforts to successfully maintain stable operation in the NDN mode.

On December 12, 2022, OC San Plant 2 water was introduced to GWRS for use in normal production for the first time. This marked a milestone in the GWRS Final Expansion construction project that now allows for functional use of the newly constructed facilities at OC San Plant 2. GWRS production was able to go above 100 million gallons per day (mgd) as of December 12, 2022 as a result of this milestone.

The average daily production for the quarter, April through June 2024 was 79 mgd. Production was limited during this reporting period of April to June 2024 due to two major issues at OC San that reduced available flows to GWRS. The first issue was due to a planned valve repair project on the OC San Knott/Bushard flow diversion structure that required a portion of their Plant No.1 flows to be reduced to 130 mgd. This work lasted approximately for the last two weeks of April 2024, limiting GWRS production to 95 mgd. The second and more impactful OC San issue was a major leak and subsequent pump failures to the Plant No. 1 Sunflower trunkline and pump station. This resulted in a reduction of Plant No. 1 flows and an increase to Plant No. 2 flows. In addition, the increase in flows to Plant No.2 required the headworks to be de-segregated to accommodate the higher flows.

This means Plant No. 2 flows are no longer available to GWRS until the headworks can be re-segregated to remove Santa Ana River Interceptor non-reclaimable flows. This issue started on April 30, 2024 and initially limited GWRS production to 55 mgd until May 21, 2024. Then, on May 21, 2024 a partial resolution of the issue allowed for higher flows to Plant No.1 and an increase in GWRS production to 85 mgd. However, OC San staff indicate a full resolution of the Sunflower pump station issue could be months out thus limiting GWRS production to 85 mgd for an extended period of time. This lack of flow from OC San due to the Sunflower trunkline and pump station issues not only reduced fiscal year 2023-2024 GWRS production but will impact next fiscal year's production which starts on July 1, 2024. It is hoped that normal production can resume by the end of summer as the Plant 1 issues are resolved.

The GWRS effluent production for the months of April through June 2024 is shown in the following tables:

**GWRS EFFLUENT PRODUCTION  
(April - June 2024)**

	<b>April 2024 (million gallons)</b>	<b>April 2024 (acre feet)</b>
Mira Loma, Kraemer/Miller Basin Recharge, Mid Basin Injection, Artic, and Canyon Power	2,420	7,428
Seawater Intrusion Barrier	367	1,127
<b>Total</b>	<b>2,787</b>	<b>8,555</b>

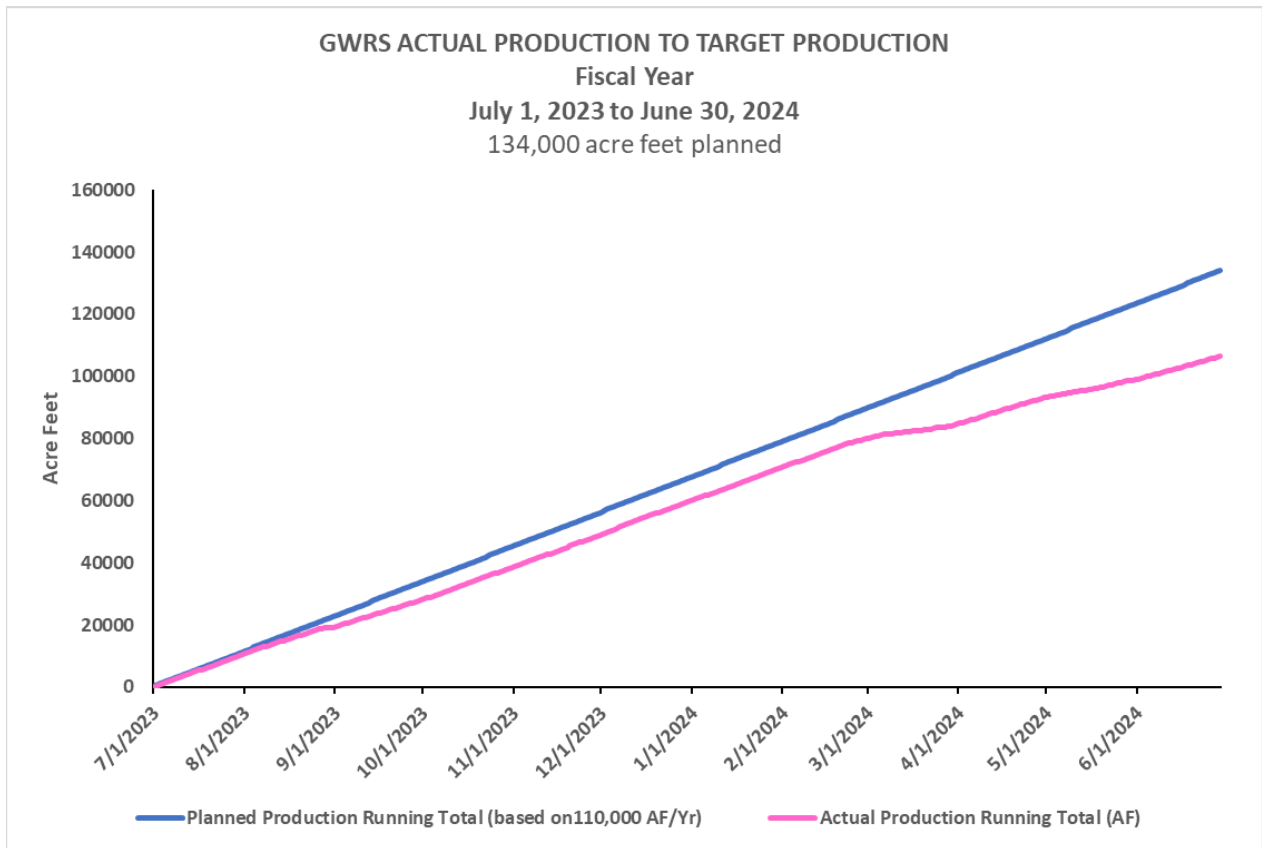
	<b>May 2024 (million gallons)</b>	<b>May 2024 (acre feet)</b>
Mira Loma, Kraemer/Miller Basin, Recharge, Mid Basin Injection, Artic and Canyon Power	1,456	4,468
Seawater Intrusion Barrier	396	1,214
<b>Total</b>	<b>1,852</b>	<b>5,682</b>

	<b>June 2024 (million gallons)</b>	<b>June 2024 (acre feet)</b>
Mira Loma, Kraemer/Miller Basin Recharge, Mid Basin Injection, Artic and Canyon Power	1,849	5,673
Seawater Intrusion Barrier	468	1,437
<b>Total</b>	<b>2,317</b>	<b>7,110</b>

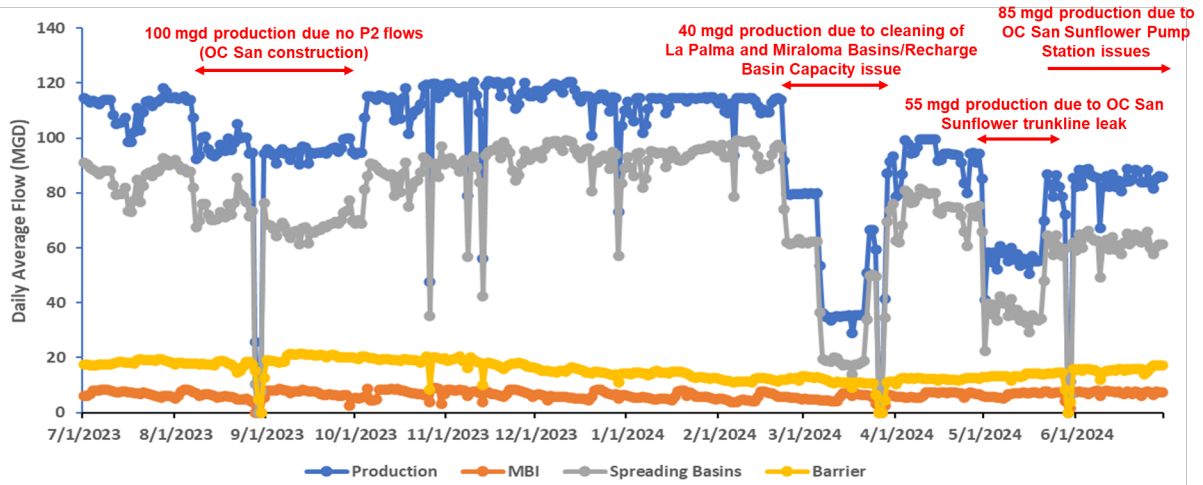
The first graph shows the actual fiscal year 2023/2024 production to date compared to the target production of 134,000 acre feet (af). As of June 30, 2024, the GWRS Fiscal Year 2023-2024 final production total is 106,643 af which is 27,357 af below the target fiscal year production of 134,000 af. The second graph shows the GWRS production

flows sent to recharge versus the seawater intrusion barrier for fiscal year 2023-2024 highlighting various events that have limited flows during that period.

The shortfall in expected production to meet the fiscal year goal of 134,000 af is due primarily to a OC San construction project that limited feed water flows to the GWRS during the early part of the fiscal year and the Sunflower pump station issues that have limited flows during the last few months of the fiscal year. In addition, high groundwater levels due to precipitation levels during the past winter period months of February to March 2024 resulted a lack of recharge basin capacity for GWRS flows along with limited demand for seawater intrusion barrier injection and mid-basin well injection flows. It is anticipated that GWRS production will increase in the latter part of the summer of 2024 as OC San completes repairs to their Sunflower Trunkline and Pump Station that would allow for more flow to be available to GWRS.



# GWRS Daily Average Production Flows FY23-24 (7/1/23 to 6/30/24)





## AGENDA ITEM SUBMITTAL

**Meeting Date:** July 8, 2024

**To:** GWRS Steering Committee

**From:** John Kennedy

**Staff Contact:** G. Ayala/C. Nettles

**Budgeted:** N/A

**Budgeted Amount:** N/A

**Cost Estimate:** N/A

**Funding Source:** N/A

**Program/Line Item No.:** N/A

**General Counsel Approval:** N/A

**Engineers/Feasibility Report:** N/A

**CEQA Compliance:** N/A

**SUBJECT: GWRS SECOND QUARTER OUTREACH REPORT (APRIL-JUNE 2024)**

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### SUMMARY

Outreach for the Groundwater Replenishment System (GWRS) continues with a major focus to build and maintain support for the GWRS, grow outreach programs and field media interest and coverage.

Attachment: 2024 second quarter news clip report

### RECOMMENDATION

Informational

### DISCUSSION/ANALYSIS

#### GWRS Tours

There were 43 GWRS tours during the second quarter of 2024. The tours accounted for approximately 695 guests. Following is a list of groups, companies, schools, and organizations that participated in the tours:

Second quarter tours:

- April 1 – Cal State University of Sacramento student
- April 2 – Hoffy Tours
- April 3 – Cal State University of Long Beach Nursing
- April 5 – Public Virtual Tour
- April 8 – Golden West College
- April 8 – Hazen & Sawyer
- April 9 – Cal State University of Fullerton Nursing
- April 11 – Cal State University of Fullerton Nursing
- April 11 - MWA Architects
- April 11 – United Kingdom Researchers Contingency
- April 12 – Public In-Person Tour
- April 12 – UCI Student Exchange Program
- April 17 – ACWA Regional Affairs Representative

- April 18 – Young Presidents Organization
- April 18 – Cal State University Academics
- April 23 – Cal State University of Long Beach Nursing
- April 24 – Cypress College
- April 26 – Taco Bell Sustainability Group
- April 26 – Servite High School
- April 27 – Public In-Person Tour
- April 30 – California Senator Candidate Steve Garvey
- May 1 – Cal State Long Beach Nursing
- May 3 – Public Virtual Tour
- May 6 – OC Health Agency
- May 9 – Godinez High School
- May 16 – Water One Nevada
- May 20 – Golden State Water Company Board of Directors
- May 21 – Black & Veatch & UCI Students
- May 21 – OC Emergency Management Association
- May 22 – Northstar Plumbing
- May 28 – OC Health Agency Water Quality Team
- May 28 – Mount San Antonio College
- June 7 – Public Virtual Tour
- June 10 - Hazen & Sawyer
- June 10 – ISLE Utilities
- June 10 – Korean Delegation
- June 11 – New Mexico Contingency
- June 11 – Cal State Fullerton University Nursing
- June 12 – AWWA Conference Attendees
- June 13 – World Bank
- June 14 – Soquel Creek Water District
- June 17 – Mesa Water District – Iceland Contingency
- June 27 – Seoul Water Institute

### **Tour Videos**

Staff filmed and edited a new [on-demand technical tour](#) led by OCWD Executive Director of Operations Mehul Patel. The 20-minute tour is posted to YouTube and shown during virtual tours. Staff also updated the 10-minute [on-demand general tour](#) that is posted online. Collectively, on-demand tours have been viewed more than 14,600 times.

### **Speakers Bureau**

Below is a listing of the April, May and June speakers' bureau engagements that included a portion of the presentation about the GWRS.

- April 4 – OCWD President Cathy Green, Director Denis Bilodeau and General Manager John Kennedy provided an overview of OCWD including the GWRS during the Santiago Creek Community Meeting.

- April 10 – OCWD Executive Director of Operations Mehul Patel was a panelist at the Public Works Summit, where he spoke about the GWRS, PFAS and managing the groundwater basin.
- April 15 – OCWD General Manager John Kennedy provided an agency briefing to the Los Alamitos city council.
- April 20 – OCWD Communications Specialist Rose Wilke and Public Affairs Intern Angel An hosted an OCWD information table at the city of Westminster’s Earth Day event, where they provided information about the GWRS and tour opportunities.
- May 21 – OCWD Principal Regulatory Specialist Claire Johnson spoke on new direct potable reuse regulations on the panel “Innovations in Managing Water: Direct Potable Reuse”.
- June 12 – OC San Administration Manager Jennifer Cabral and OCWD Director of Public Affairs Gina Ayala presented on GWRS outreach during a Regional Biosolids Update hosted by San Bernardino Municipal Water District
- OCWD Director of Public Affairs spoke about public engagement strategies and best practices during the American Water Works Association’s ACE Conference.

## **Media**

There were 163 global news hits for the GWRS. This number reflects multiple hits of the same story. The total reach for the combined articles was 9.99 million. The news clip report is attached.

## **Electronic Publications:**

- Staff wrote and distributed the April, May and June issues of Hydrospectives, OCWD’s monthly e-newsletter, which mention or feature articles about the GWRS.
- Staff wrote and distributed the spring issue of OC San Connection, OC San’s quarterly newsletter, which mentioned the GWRS.
- Staff wrote and distributed the press release [Orange County Sanitation District Celebrating New Headquarters](#).

## **Website**

There were 4,367 views of the GWRS portion of OCWD’s website. The top five web pages within the GWRS section of the website were: 1) GWRS, 2) about GWRS 3) in person small group/individual tours, 4) in person group tours, 5) virtual tours.

## **Awards**

The GWRS final expansion dedication event was selected to receive an EPIC award and Best in Show award from the California Association of Public Information Officials (CAPIO).

## **Events**

- OC San completed its Spring 2024 Wastewater 101 Citizen’s Academy.

- OC San hosted a 70<sup>th</sup> anniversary Open House at its new administration building. The event welcomed more than 1,300 attendees and featured multiple OC San booths and facility tours. OCWD hosted an information booth and provided GWRS water and giveaways during the event.

**GWRS MEDIA CLIPS  
APRIL - JUNE 2024**

	Date	Media Outlet	Title	Country	Total Readership
1	6/30/2024	FM News 101 KXL	Radio clip from FM News 101 KXL - Jun 30, 2024	United States	88,300
2	6/30/2024	KIRO-AM (Radio)	Radio clip from KIRO-AM (Radio) - Jun 30, 2024	United States	233,800
3	6/30/2024	WDEL 101.7	Radio clip from WDEL 101.7 - Jun 30, 2024	United States	19,100
4	6/30/2024	KGMI News/Talk 790 (Radio)	Radio clip from KGMI News/Talk 790 (Radio) - Jun 30, 2024	United States	12,700
5	6/30/2024	Delaware 105.9 (Radio)	Radio clip from Delaware 105.9 (Radio) - Jun 30, 2024	United States	5,100
6	6/29/2024	KDKA-AM (Radio)	Radio clip from KDKA-AM (Radio) - Jun 29, 2024	United States	184,300
7	6/29/2024	KYW-AM (Radio)	Radio clip from KYW-AM (Radio) - Jun 29, 2024	United States	312,700
8	6/29/2024	KIRO-AM (Radio)	Radio clip from KIRO-AM (Radio) - Jun 29, 2024	United States	233,800
9	6/29/2024	KCAL-LA	KCAL News Sat 9a	United States	28,154
10	6/29/2024	WSPA (CBS)	7News Sat at 7.30am	United States	23,207
11	6/29/2024	WSPA (CBS)	7News Sat at 6:30am	United States	15,605
12	6/28/2024	KOSA (CBS)	CBS 7 News @ 4	United States	3,380
13	6/28/2024	WKMG-ORD (CBS)	News 6 at Noon	United States	70,562
14	6/28/2024	KNVN-CR (NBC)	Action News Now @ 11pm	United States	1,107
15	6/27/2024	KHSL-CR (CBS)	Action News Now @11pm	United States	2,997
16	6/27/2024	KNVN-CR (NBC)	Action News Now @ 11pm	United States	1,647
17	6/27/2024	WSPA (CBS)	7 News At 7PM	United States	33,421
18	6/27/2024	WFRV (CBS)	Local 5 News at 6:30	United States	18,929
19	6/27/2024	KMTV (CBS)	3 News Now Live @ 6	United States	4,385
20	6/27/2024	Global Toronto	Global News at 5.30	Canada	142,532

## GWRS MEDIA CLIPS

APRIL - JUNE 2024

	Date	Media Outlet	Title	Country	Total Readership
21	6/27/2024	WTTV (CBS)	CBS4 News at Five	United States	8,510
22	6/27/2024	WUSA-DC (CBS)	WUSA 9 News at 5:30pm	United States	14,073
23	6/27/2024	KBAK (CBS)	Eyewitness News at 5 on KBAK	United States	6,065
24	6/27/2024	KOAM (CBS)	KOAM News at Five	United States	17,092
25	6/27/2024	WSPA (CBS)	7News at 5:00p	United States	16,493
26	6/27/2024	WBRE (NBC)	Eyewitness News at 5pm	United States	17,554
27	6/27/2024	WEVV (CBS)	44News at 4	United States	1,495
28	6/27/2024	WIVB-BUF (CBS)	News 4 at 4pm	United States	19,984
29	6/27/2024	KOIN-POR (CBS)	KOIN 6 News @ 4	United States	10,351
30	6/27/2024	KOSA (CBS)	CBS 7 News at 4:30	United States	4,242
31	6/27/2024	WFSB-HFD (CBS)	Eyewitness News at 4:30pm	United States	46,860
32	6/27/2024	WFRV (CBS)	Local 5 News at 4:30P	United States	13,701
33	6/27/2024	KDKA-PIT (CBS)	KDKA-TV News at Four	United States	54,938
34	6/27/2024	WKRC-CIN (CBS)	Local 12 First @ Four	United States	18,312
35	6/27/2024	WTKR-NFK (CBS)	News Channel 3 News at 4	United States	17,656
36	6/27/2024	WSBT (CBS)	WSBT 22 News at 4	United States	12,671
37	6/27/2024	WOWK (CBS)	13 News Good Day at 4	United States	6,381
38	6/27/2024	WREG-MEM (CBS)	WREG News Channel 3 at 4:00	United States	26,827
39	6/27/2024	WSPA (CBS)	7 News at 4 PM	United States	11,725
40	6/27/2024	WFMY (CBS)	Four 2 Five	United States	9,067
41	6/27/2024	WAFB-BTR (CBS)	WAFB 9 News at 4:00PM	United States	17,314
42	6/27/2024	KLST (CBS)	Concho Valley Live	United States	1,680
43	6/27/2024	WPEC (CBS)	CBS 12 News at 3:30PM	United States	5,116,217
44	6/27/2024	WPEC (CBS)	CBS 12 News at 3:30PM	United States	13,670
45	6/27/2024	KOTV (CBS)	News on 6 at Noon	United States	41,827
46	6/27/2024	KELO (CBS)	Midday in KELOLAND	United States	21,111
47	6/27/2024	KATH	News at 12	United States	401

## GWRS MEDIA CLIPS

APRIL - JUNE 2024

	Date	Media Outlet	Title	Country	Total Readership
48	6/27/2024	WSEE (CBS)	Erie News Now @12	United States	7,210
49	6/27/2024	WTHI (CBS)	News 10 WTHI at 12p	United States	22,149
50	6/27/2024	KOVR-SAC (CBS)	CBS 13 News at Noon	United States	16,093
51	6/27/2024	WTVR-RIC (CBS)	CBS 6 News @ Noon	United States	31,650
52	6/27/2024	WTSP-TB (CBS)	10 News Midday	United States	44,561
53	6/27/2024	WJHG (NBC)	News Channel 7 at 11AM	United States	4,918
54	6/27/2024	KCLO (CBS)	Midday in KELOLAND	United States	763
55	6/27/2024	KVAL (CBS)	KVAL News at 9am	United States	5,567
56	6/27/2024	CW 23	Wake Up-7AM	United States	12,503
57	6/27/2024	Global Regina (CFRE)	Global News Morning	Canada	68
58	6/27/2024	Global Saskatoon (CFSK)	Global News Morning	Canada	305
59	6/27/2024	Portland's CW	KOIN News AM Extra	United States	3,103
60	6/27/2024	CBS Lake Charles	CBS News Morning	United States	297
61	6/27/2024	CBS 2	CBS News Morning	United States	184
62	6/27/2024	WSWG	CBS News Morning	United States	539
63	6/27/2024	WLMO (CBS)	CBS News Morning	United States	64
64	6/27/2024	WGFL	CBS News Morning	United States	512,536
65	6/27/2024	KVIQ (CBS)	CBS News Morning	United States	711
66	6/27/2024	K13XD (CBS)	CBS News Morning	United States	725
67	6/27/2024	KJNB Northeast Arkansas CBS	CBS News Morning	United States	79
68	6/27/2024	KGWC (CBS)	CBS News Morning	United States	168
69	6/27/2024	WLOX (CBS)	CBS News Morning	United States	1,785,797
70	6/27/2024	CBS 41	CBS News Morning	United States	334
71	6/27/2024	13 Laredo (KYLX)	CBS News Morning	United States	290
72	6/27/2024	WGFL (CBS)	CBS News Morning	United States	366
73	6/27/2024	KHSL-CR (CBS)	Action News Now Mornings	United States	3,257
74	6/27/2024	KNVN-CR (NBC)	Action News This Morning 5am	United States	2,635
75	6/27/2024	KFSM (CBS)	5News at 6 AM	United States	24,438

## GWRS MEDIA CLIPS

APRIL - JUNE 2024

	Date	Media Outlet	Title	Country	Total Readership
76	6/27/2024	KGPE-FRES (CBS)	Eyewitness News This Morning	United States	7,850
77	6/27/2024	K13XD (CBS)	CBS News Morning	United States	535
78	6/27/2024	WSWG	CBS News Morning	United States	665
79	6/27/2024	KVIQ (CBS)	CBS News Morning	United States	776
80	6/27/2024	WBKB (CBS)	CBS News Morning	United States	83
81	6/27/2024	CBS 41	CBS News Morning	United States	191
82	6/27/2024	13 Laredo (KYLX)	CBS News Morning	United States	135
83	6/27/2024	WWAY (ABC)	Good Morning Carolina	United States	4,606
84	6/27/2024	KTVQ (CBS)	Montana This Morning	United States	5,361
85	6/27/2024	KTHV (CBS)	Wake Up Central	United States	13,934
86	6/27/2024	KGAN-IOW (CBS)	Iowa's News Now: This Morning	United States	1,615
87	6/27/2024	WNKY CBS 40	CBS News Morning	United States	994
88	6/27/2024	KLBK (CBS)	CBS News Morning	United States	466
89	6/27/2024	KAUZ (CBS)	CBS News Morning	United States	1,506
90	6/27/2024	CBS 41	CBS News Morning	United States	266
91	6/27/2024	WJZ-BAL (CBS)	WJZ News @ 5AM	United States	32,961
92	6/27/2024	WCSC-CHS (CBS)	Live 5 News at 5	United States	15,876
93	6/27/2024	KFSM (CBS)	5NEWS at 5 AM	United States	12,832
94	6/27/2024	WBBJ-DT3 (CBS)	CBS News Morning	United States	342
95	6/27/2024	WSEE (CBS)	CBS News Morning	United States	1,769
96	6/27/2024	WWNY (CBS)	CBS News Morning	United States	8,838
97	6/27/2024	WDTV (CBS)	CBS News Morning	United States	1,338
98	6/27/2024	KEYC (CBS)	CBS News Morning	United States	769
99	6/27/2024	Delta CBS	CBS News Morning	United States	3,501
100	6/27/2024	KGWN (CBS)	CBS News Morning	United States	431
101	6/27/2024	KLBK (CBS)	CBS News Morning	United States	266
102	6/27/2024	KLST (CBS)	CBS News Morning	United States	1,013

## GWRS MEDIA CLIPS

APRIL - JUNE 2024

	Date	Media Outlet	Title	Country	Total Readership
103	6/27/2024	KTAB (CBS)	CBS News Morning	United States	1,643
104	6/27/2024	CBS 41	CBS News Morning	United States	127
105	6/27/2024	WNCF (ABC)	ALABAMA NEWS RISING ON ABC 32	United States	1,630
106	6/27/2024	WICU (NBC)	Erie News Now Sunrise @ 5	United States	3,227
107	6/27/2024	WFMY (CBS)	Good Morning Show	United States	6,642
108	6/27/2024	WAKA (CBS)	Action 8 News Rising	United States	4,859
109	6/27/2024	KHNL-HON (NBC)	Hawaii News Now: Sunrise at 5:00	United States	1,553
110	6/27/2024	KGMB-HON (CBS)	Hawaii News Now: Sunrise at 5:00	United States	12,514
111	6/27/2024	KTHV (CBS)	Wake Up Central	United States	7,276
112	6/27/2024	WRDW (CBS)	12 News This Morning 5am	United States	4,462
113	6/27/2024	WCTV (CBS)	Daybreak	United States	7,548
114	6/27/2024	WAGT (NBC)	WAGT News This Morning @ 5:00AM	United States	679
115	6/27/2024	KXII (CBS)	News 12 AM at 5	United States	3,253
116	6/27/2024	KXII-DT3	John Kennedy is the...	United States	1,643
117	6/27/2024	WLOX (ABC)	Good Morning Mississippi	United States	6,761
118	6/27/2024	WMAZ (CBS)	13WMAZ First Mornin'	United States	12,382
119	6/27/2024	WFOR-MIA (CBS)	CBS News Morning	United States	2,983
120	6/27/2024	KGPE-FRES (CBS)	CBS News Morning	United States	5,976
121	6/27/2024	WJAX	CBS News Morning	United States	4,244
122	6/27/2024	WKMG-ORD (CBS)	CBS News Morning	United States	5,209
123	6/27/2024	KGAN-IOW (CBS)	CBS News Morning	United States	1,448
124	6/27/2024	KHSL-CR (CBS)	CBS News Morning	United States	1,092
125	6/27/2024	KCOY-SBA (CBS)	Programación pagada	United States	9
126	6/27/2024	WCCO-MIN (CBS)	CBS News Morning	United States	9,504
127	6/27/2024	WHBF-DAV (CBS)	CBS News Morning	United States	2,001

## GWRS MEDIA CLIPS

APRIL - JUNE 2024

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128	6/27/2024	KXII (CBS)	CBS News Morning	United States	2,466
129	6/27/2024	WROC-ROC (CBS)	CBS News Morning	United States	2,665
130	6/27/2024	WECP-TV	News Channel 7 Today @ 4:30am	United States	414
131	6/27/2024	WJHG (NBC)	News Channel 7 Today @ 4:30am	United States	1,163
132	6/27/2024	KFVS (CBS)	The Breakfast Show	United States	3,662
133	6/27/2024	KBAK (CBS)	Eyewitness News Mornings at 4.30 on KBAK	United States	2,551
134	6/27/2024	CW 23	Wake Up 4:30am	United States	162
135	6/27/2024	WIVB-BUF (CBS)	Wake Up 4:30am	United States	10,260
136	6/27/2024	WREG-MEM (CBS)	CBS News Morning	United States	8,995
137	6/27/2024	KSLA-SHV (CBS)	CBS News Morning	United States	2,873
138	6/27/2024	KOIN-POR (CBS)	CBS News Morning	United States	901
139	6/27/2024	KCNC-DEN (CBS)	CBS News Morning	United States	3,605
140	6/27/2024	WBBM-CHI (CBS)	CBS News Morning	United States	5,105
141	6/27/2024	KRQE-ABQ (CBS)	CBS News Morning	United States	1,792
142	6/27/2024	WWL-NO (CBS)	CBS News Morning	United States	12,624
143	6/27/2024	KOVR-SAC (CBS)	CBS News Morning	United States	3,052
144	6/27/2024	KENS-SAT (CBS)	CBS News Morning	United States	12,118
145	6/27/2024	KWTX-WAC (CBS)	CBS News Morning	United States	2,586
146	6/27/2024	KEYE-AUS (CBS)	CBS News Morning	United States	1,892
147	6/27/2024	KBAK (CBS)	CBS News Roundup	United States	1,407
148	6/27/2024	KCTV-KC (CBS)	CBS News Morning	United States	5,385
149	6/27/2024	WAKA (CBS)	CBS News Roundup	United States	3,298
150	6/27/2024	KIRO-SEA (CBS)	CBS News Morning	United States	11,126
151	6/27/2024	WIAT-BIRM (CBS)	CBS News Morning	United States	633
152	6/27/2024	KFMB-SD (CBS)	CBS News Morning	United States	1,968
153	6/27/2024	KPHO-PHX (CBS)	CBS News Morning	United States	10,901

**GWRS MEDIA CLIPS  
APRIL - JUNE 2024**

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154	6/27/2024	KGMB-HON (CBS)	CBS News Morning	United States	1,225
155	6/27/2024	KCCI-DM (CBS)	CBS News Morning	United States	6,339
156	6/27/2024	WDJT-MILW (CBS)	CBS News Morning	United States	2,178
157	6/27/2024	KLAS-LV (CBS)	CBS News Morning	United States	2,561
158	6/15/2024	American City & County	WIFIA funding helps communities address the impacts of climate change	United States	11,629
159	6/14/2024	americacityandcounty.com	WIFIA funding helps communities address the impacts of climate change	United States	8,458
160	5/6/2024	UCI Samueli School of Engineering	Navigating Ocean Waters   Samueli School of Engineering at UC Irvine	United States	34,932
161	5/3/2024	UCI News	Navigating ocean waters	United States	39,196
162	5/3/2024	Public now	University of California, Irvine - Navigating ocean waters	United States	75,078
163	4/19/2024	Foothills Sentry	Groundwater replenishment system named "Community Champion"	United States	890
					9,986,927