

**AGENDA
REGULAR MEETING
GROUNDWATER REPLENISHMENT SYSTEM STEERING COMMITTEE
(A Committee of Orange County Water District
and Orange County Sanitation District Directors*)
OCWD Boardroom 18700 Ward Street, Fountain Valley
Monday, October 8, 2018, 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 (OCSD) 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 OCSD Boards of Directors. Agenda items requiring Board approval will be placed on future OCWD and/or OCSD Board meeting Agendas. OCWD Directors receive no additional compensation or stipend as a result of simultaneously convening this meeting.

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 July 9, 2018 GWRS Steering Committee meeting as presented

END OF CONSENT CALENDAR

INFORMATIONAL ITEMS

2. GWRS OPERATIONS UPDATE
3. UPDATE ON GWRS FINAL EXPANSION PROJECT
4. QUARTERLY OUTREACH REPORT [JULY-SEPTEMBER 2018]

DIRECTORS' ANNOUNCEMENTS/REPORTS

GENERAL MANAGERS' REPORT

- Next GWRS Steering Committee Meeting – January 14, 2019

DETERMINATION OF ITEMS (IF ANY) TO BE AGENDIZED FOR FUTURE OCWD BOARD MEETING AND/OR OCSD BOARD MEETING

ADJOURNMENT

Committee Members

Roger Yoh - Chair
Greg Sebourn
James Ferryman
Cathy Green
Steve Jones
Denis Bilodeau

Alternates

Donald Wagner
Phil Hawkins
Tim Shaw
James Vanderbilt
Dina Nguyen
Steve Sheldon

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.

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 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. 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, July 9, 2018**

OCWD Director Yoh called the Groundwater Replenishment System Steering Committee meeting to order in the Boardroom at the District office. Following the Pledge of Allegiance to the flag, the Secretary called the roll and reported a quorum.

Committee Members

Roger Yoh - Chair
Greg Sebourn
James Ferryman (absent)
Cathy Green
Steve Jones (absent)
Phil Anthony (absent)

Alternates

Donald Wagner
Phil Hawkins (absent)
Tim Shaw
Denis Bilodeau (absent)
James Vanderbilt (absent)
Dina Nguyen

*OCWD Director Bruce Whitaker was in attendance.

OCWD Staff	OCSD Staff
Eleanor Torres	Jim Herberg
Mehul Patel, John Kennedy, Sandy Scott-Roberts	Jennifer Cabral
Christina Fuller, Assistant District Secretary	Jim Colston

CONSENT CALENDAR

The Consent Calendar was approved upon motion by Director Sebourn, seconded by Director Wagner, and carried [5-0-] as follows.

Yes – Sebourn, Yoh, Green, Wagner, Nguyen

1. Minutes of Previous Meeting

The minutes of the GWRS Steering Committee meeting held April 9, 2018 are approved as presented.

INFORMATIONAL ITEMS

2. Disposal of Animal Remains Via Water Cremation

OCSD Director of Environmental Services Jim Colston advised that based on the GWRS Steering Committee recommendation, OCSD raised the issue of prohibiting the discharge of human hydrolysate to the sewer to the OCSD Board of Directors. He reported that the OCSD Board discussed the matter and concurred with the recommendation and directed staff to reopen the Wastewater Discharge Regulations (Ordinance) to include a new provision to prohibit the discharge of human hydrolysate to the sewer. Mr. Colston stated that OCSD staff plan to complete the Ordinance amendments before 2020, ahead of the timeline set by the state of California to allow these discharges. He advised that staff recommended no new action now on the matter of Pet Hydrolysate and that staff will continue to monitor and watch the state of the industry.

3. GWRS Operations Update

Executive Director Mehul Patel reported that as of June 30, 2018, the GWRS Fiscal Year 2017-2018 final production total was 105,659 af which is 2,659 af above target production of 103,000 af for the 2017-2018 fiscal year. He stated that this is the highest fiscal year production ever achieved by the GWRS.

4. Update on GWRS Final Expansion Project

GWRS Program Manager Sandy Scott-Roberts reported that Black & Veatch (B&V) design for the GWRS Final Expansion Project (GWRSFE) is currently 45% complete based on the B&V agreement amount of \$6,584,300. She reported the CDM Smith design for the OCSD Headworks Modification Project (P2-122) through January 2018 is 36% complete based on the CDM Smith agreement amount of \$5,319,930. Ms. Scott-Roberts reviewed the project budget and schedule. She reported staff is currently finalizing the GWRSFE application for WIFIA. She advised this loan would recover approximately 49% of the projects design and construction cost, if received.

5. Quarterly Outreach Report [April - June 2018]

Mr. Patel stated the report and media clips are included in the packet and noted recent project awards received.

ADJOURNMENT

There being no further business to come before the Committee, the meeting was adjourned at 5:40 p.m.

OCWD Director Roger Yoh, Chair

AGENDA ITEM SUBMITTAL

Meeting Date: October 8, 2018

To: GWRS Steering Committee

From: Mike Markus/Jim Herberg

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

SUMMARY

Operation of the Groundwater Replenishment System (GWRS) commenced on January 10, 2008. The GWRS operations update will be discussed at 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 (OCSD) 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 OCSD's efforts to successfully maintain stable operation in the NDN mode.

The average daily average production for the quarter July through September 2018 was 62.6 mgd. This lower production rate is due to a plant outage for normal maintenance during this reporting period as well as for a project to add a new lining to a portion of the GWRS pipeline. The GWRS has run at a reduced production rate of 30 mgd with flow only being sent to the Talbert Seawater Intrusion Barrier since August 22, 2018 due to a project to add a new lining to a portion of the GWRS pipeline. The GWRS pipeline re-lining project will add an epoxy-based liner to repair a deterioration of the existing mortar lining. During this project no flow is being sent to the GWRS pipeline for surface spreading at the OCWD recharge basins. It is anticipated that GWRS would be able resume normal production after completion of the GWRS pipeline re-lining project which is scheduled to be complete by October 3rd. In addition, the GWRS Advanced Water Purification Facility plant was taken out of service completely from September 17 to 24 for routine maintenance work. The pipeline lining project along with the one week outage in September has resulted in a loss of normal production volume.

OCWD is planning to complete installation of new RO membranes in three of our 21 RO units. These three RO units contain the oldest membranes in the RO system and were installed in 2013. The overall water quality from the RO process

remains very good, but this replacement should further improve water quality while also reducing energy demand for these three RO units. The installation of the new RO membranes is anticipated to start in early October of 2018.

The GWRS effluent production for the months of July through September 2018 is shown in the following tables:

**GWRS EFFLUENT PRODUCTION
(January – March 2018)**

	July 2018 (million gallons)	July 2018 (acre feet)
Mira Loma, Kraemer/Miller Basin Recharge, Mid Basin Injection, Artic, and Canyon Power	2,107	6,470
Seawater Intrusion Barrier	852	2,617
Total	2,959	9,087

	August 2018 (million gallons)	August 2018 (acre feet)
Mira Loma, Kraemer/Miller Basin, Recharge, Mid Basin Injection, Artic and Canyon Power	1,319	6,470
Seawater Intrusion Barrier	914	2,617
Total	2,233	6,857

	September 2018 (million gallons)	September 2018 (acre feet)
Mira Loma, Kraemer/Miller Basin Recharge, Mid Basin Injection, Artic and Canyon Power	0	0
Seawater Intrusion Barrier	601	1,846
Total	601	1,846

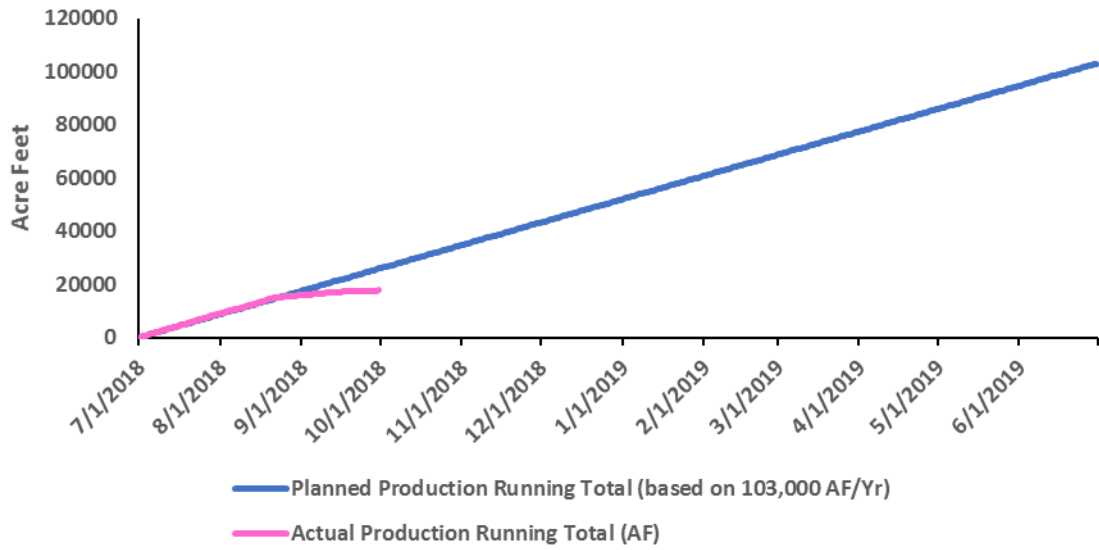
The following graph shows the 2018/2019 fiscal year production compared to the fiscal year production target of 103,000 acre feet (af). As of September 30, 2018 the GWRS Fiscal Year 2018-2019 production total is 17,799 af which is 8,163 af below our target production running average of 25,962 af for the 2018-2019 fiscal year.

GWRS ACTUAL PRODUCTION TO TARGET PRODUCTION

Fiscal Year

July 1, 2018 to June 30, 2019

103,000 acre feet planned



AGENDA ITEM SUBMITTAL

Meeting Date: October 8, 2018

To: GWRS Steering Committee

From: Mike Markus/Jim Herberg

Staff Contact: S. Scott-Roberts

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: UPDATE ON GWRS FINAL EXPANSION PROJECT

SUMMARY

Staff from the Orange County Sanitation District (OCSD) and Orange County Water District (OCWD) are completing the design phase of the GWRS Final Expansion Project. An update on the work progress will be provided.

RECOMMENDATION

Informational.

DISCUSSION/ANALYSIS

The GWRS Final Expansion Project is the build-out capacity of the GWRS facility that treats secondary effluent from OCSD to drinking water standards for groundwater replenishment water. The current GWRS facility produces 100 MGD of purified water. The build-out treatment capacity increases the water production to a total of 130 MGD. OCSD/OCWD recently completed a joint effluent reuse study (SP-173) which analyzed the project components required to facilitate the GWRS Final Expansion Project. With the study complete, both agencies are proceeding through the design phase of the GWRS Final Expansion Project.

To increase the amount of water produced from the GWRS facility, additional secondary effluent from OCSD must be conveyed to GWRS. With an analysis of average raw wastewater inflows to OCSD's two treatment plants, both OCSD Plant No. 1 and Plant No. 2 secondary effluent is required to meet the 130 MGD GWRS production goal. Therefore, new secondary effluent conveyance facilities are required at OCSD Plant No. 2 to convey the secondary effluent to GWRS. These conveyance facilities include an effluent pump station, a flow equalization tank and a pipeline. In addition, recommendations from the SP-173 study showed that the segregation of the Santa Ana Regional Interceptor (SARI) trunk flows to OCSD Plant No. 2 is feasible as part of the GWRS Final Expansion Project. Currently SARI flows are not permitted to be recycled through GWRS due to the industrial and treatment facility discharges that currently flow in the SARI trunk sewer. Therefore, in addition to the conveyance facilities, the OCSD Plant No. 2 headworks facilities will segregate the SARI trunk flows and treat these flows separately for discharge to the ocean outfall. This project is referred to as the Plant No. 2 Headworks Modification Project.

The Advanced Water Treatment Facility is the GWRS facility made up of the microfiltration, reverse osmosis and UV treatment processes. The AWTF will need to be expanded to treat the additional 30 MGD of secondary effluent to meet the build-out water production goal of 130 MGD total. With all the above considerations, the GWRS Final Expansion Project includes the following projects:

GWRS Final Expansion Project Elements:

- Advanced Water Treatment Facility Expansion
- P2 Effluent Pump Station
- Pipeline Rehabilitation
- P2 Flow Equalization Tanks
- OCSD Headworks Modification

OCWD is responsible for the costs of all the projects listed above for the GWRS Final Expansion Project. However, OCSD will manage the design and construction of the P2 Headworks Modification Project (P2-122). OCSD has entered into an agreement with CDM Smith for the design of the Headworks Modification Project. OCWD has entered into an agreement with Black & Veatch for the design of the remaining four GWRS Final Expansion Projects.

A revised GWRSFE Project Budget was recently approved by the OCWD Board of Directors on September 19, 2018. The revised project budget is shown in Table 1 below.

Table 1 – Original GWRSFE Project Budget versus Revised Project Budget

Description	Original Project Budget	Revised Project Budget
Pre-Design		
Studies/CEQA for GWRSFE Projects	\$ 1,000,000	\$ 1,000,000
Design		
Design Phase Engineering Services	\$ 9,200,000	
B&V Agreement		\$ 5,663,000
Amendment No. 1		\$ 921,300
<i>Proposed Amendment No. 2</i>		<i>\$ 386,900</i>
Engineering Services During Construction	\$ 7,500,000	\$ 7,113,800
Total Design Phase	\$ 16,700,000	\$ 14,085,000
Construction		
GWRSFE Construction Management & Inspection	\$ 14,600,000	\$ 14,600,000
AWTF Expansion Construction	\$ 94,000,000	\$ 137,756,000
P2 Effluent Pump Station Construction	\$ 10,850,000	\$ 25,500,000
P2 Flow Equalization Tank Construction	\$ 17,100,000	\$ 15,400,000
P2 Pipeline Rehabilitation Construction	\$ 22,400,000	\$ 20,400,000
Engineering, Legal & Administration		
GWRSFE Projects	\$ 10,700,000	\$ 3,377,000
Contingency		
GWRSFE Construction/Project Contingency	\$ 20,750,000	\$ 10,000,000

OCSD Project		
OCSD Headworks Modification Project	\$ 44,700,000	\$ 50,000,000
TOTAL	\$ 252,800,000	\$ 292,118,000

The project budget was revised due to the addition of new treatment equipment required to provide the same level of GWRS treatment with a new water quality source from OCSD's Plant No. 2. This new equipment includes new types of microfiltration membranes, addition of interstage booster pumps, increase in motor sizes for filtrate pumps and Energy Recovery Devices.

As part of the GWRSFE Project, OCSD is managing the Headworks Modification Project at Plant No. 2 since that facility greatly impacts their operations and is therefore best coordinated by OCSD staff. This headworks modification project will allow the separation of reclaimable and non-reclaimable flows. In addition, the Plant Water Pump Station at Plant No. 2 needs to be reconstructed to avoid non-reclaimable source water from entering the process area and intermingling with reclaimable flows. While these project costs have increased since project inception, the joint agreement between agencies caps the total capital expenditures for OCWD at \$50 million for these improvements.

The design on all project components is progressing as anticipated. Table 2 below shows the expenditures on the design effort versus the actual level of effort complete for each of the project elements.

Table 2 – GWRSFE Project Elements Status Summary

GWRSFE Project Element	Percent Complete Expenditures¹	Percent Complete Effort¹
AWTF Expansion	69%	69%
P2 Effluent Pump Station	69%	69%
Pipeline Rehabilitation	69%	69%
P2 Flow Equalization Tanks	69%	69%
OCSD Headworks Modification	40%	40%

(1) Values as of August 25, 2018

OCSD/OCWD applied for USBR Title XVI grant for P2-122, the P2 Headworks Modification Project. Staff was notified in November that the application for P2-122 received some of the highest ratings and will be awarded \$1,325,000 in grant funding. OCSD/OCWD staff applied for the second round of USBR Title XVI grants for the P2-122 project as well. Official notification of projects receiving funding in the second round has not been received yet.

In August 2018, OCWD Board of Directors executed a loan agreement with the EPA for a low interest rate WIFIA loan in the amount of \$135 million. Staff has also applied for the State Revolving Fund (SRF) Loan to fund the remaining of the GWRSFE Project costs.

PRIOR BOARD/COMMITTEE ACTIONS

AGENDA ITEM SUBMITTAL

Meeting Date: October 8, 2018

To: GWRS Steering Committee

From: Mike Markus

Staff Contact: E. Torres

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: QUARTERLY OUTREACH REPORT [JULY-SEPTEMBER 2018]

SUMMARY

Outreach for the Groundwater Replenishment System (GWRS) continues with a major focus to build and maintain support, as well as field media interest and media coverage. The following is a report of activities from July through September 2018.

Attachment(s):

- July 2018 – September 2018 News Clip Report

RECOMMENDATION

Informational

DISCUSSION/ANALYSIS

Tours Update:

From July through September 2018, OCWD conducted 35 tours for 673 guests. Below is a monthly breakdown of the number of tours and guests:

Month	# of Tours	# of Guests
July	13	253
August	12	228
September	10	192

The following is a list of groups that toured the GWRS during the second quarter of 2018:

- Hydronautics
- Chapman University
- ERDT Exchange Program
- Orange County Health Care Agency
- Orange Coast College
- Homeschool Concierge
- California State Summer School for Math and Science (COSMOS)

- Long Beach Water Department
- Azusa Pacific University Nursing Program
- Stanbridge University Nursing Program
- Drinking Water Research Foundation
- American Association of University Women
- MWD Management Academy
- North Orange County Chamber of Commerce
- OC Grand Jury
- EPA Region 9 Administrator and staff
- Chapman University SURFEES Program
- Western Governors University
- California Resources Management Association
- UCI Exchange Student Program
- Cal State Fullerton Nursing Program
- Cal State Long Beach Nursing Program
- Cal State Dominguez Hills
- Costa Mesa Sanitary District
- Public Tours

Upcoming Tours:

39 tours are currently scheduled to take place October through December 2018 for approximately 1,100 guests.

- Drinking Water Research Foundation, Oct.2
- Cal State Fullerton Nursing Program, Oct. 3, Oct. 4, Nov. 6. Nov. 13 & Nov. 28
- Camp Pendleton Drinking Water Division, Oct.3
- Public Tour, Oct. 5
- Chinese Delegation through OC Public Works, Oct.4
- Association of Women Geologists, Oct. 8
- Cal State Long Beach Nursing Program, Oct. 10
- American Association of University Women, Oct. 11
- West Coast University Nursing Program, Oct. 11 & Dec. 3
- Vista Heritage Global Academy, Oct. 12 & 15
- Vanguard University Nursing Program, Oct. 16
- Cypress College, Oct. 17 & Oct. 30
- ReNuWit, Oct. 18 & Oct. 19
- Leadership Tomorrow – IRWD, Oct. 18
- Centennial High School, Oct. 23
- OCWD Groundwater Adventure Tour, Oct. 25
- Orange Coast College, Oct. 26
- Trojan Technologies, India, Oct. 26
- Cal State Long Beach, Oct. 30

- Public Tour, Nov. 2
- Cal State Fullerton, Nov. 5
- Citrus College, Nov. 9
- GOALS Academy, Nov. 25
- California Water Environment Association, Nov. 15
- Mt. San Antonio College, Nov. 16
- Goldenwest College, Nov. 20
- Fullerton Union High School, Nov. 27
- UCI Sustainability Class, Nov. 29
- Public Tour, Dec. 7

Speakers Bureau:

Below is a listing of the July through September speakers bureau engagements that included a portion of the presentation about the GWRS.

- Singapore International Water Week
- WEF Disinfection & Reuse Symposium
- 10th Annual Green & Health Expo - Filipino American Chamber of Commerce of O.C.
- RiverBank Filtration Systems - Sonoma County
- ASCE OC Branch
- Windsor Village Neighborhood Association
- Fullerton Neighborhood meeting
- Council of Water Utilities
- AWWA, Bank of America & CDM Smith: A Roundtable Dialogue with Leaders from the Water and Financial Communities
- Herk Bouris Elementary School - 5th grade class

Upcoming Speakers Bureau:

- Annual Meeting of the Society of Exploration Geophysicists (SEG), Oct. 17
- Boy Scouts of America, October 13
- Danish Ministry of Foreign Affairs - Sustainable Groundwater Management, Oct.31
- Association of California Cities - Orange County (ACC-OC) - Water Issues Committee, Nov. 5
- North Basin Public Outreach Meeting, Nov. 14
- Madison Elementary, Nov. 15
- Brea Olinda High School - Environmental Partnership Project with City of Brea, Feb. 8

Media:

- There were 193 global news hits for the GWRS. This number includes same source stories that ran in multiple media outlets. The total potential reach for these articles was 34,409,315 people. The GWRS news clips report for July – September 2018 is attached.

Awards:

- OCWD and OCSD received the 2018 Award of Excellence from the Orange County Chapter of the Public Relations Society of America (OCPRSA) for the agencies' "GWRS Bottled Water Campaign." The award was presented during PRSA's 43rd annual PROTOS awards ceremony, themed #INSPIRED, on Sept. 27, 2018, which honored this past year's public relations extraordinary tactics and programs. OCWD and OCSD submitted their project in the "Special Events and Observances" category.
- OCWD's environmental educational programs will receive the 2018 Society of Environmental Toxicology and Chemistry (SETAC) Stephen J. Klaine Environmental Education Award from the SETAC North America Board of Directors and the Awards & Fellowships Committee. The award will be presented at its national conference in November.

Press Releases, Notices and Publications:

- OCWD issued the following press release this quarter that mentioned or featured the GWRS:
- <https://www.ocwd.com/media/6820/tyson-neely-named-swmoa-operator-of-the-year-final.pdf>
- <https://www.ocwd.com/media/6913/ocwd-mourns-loss-of-philip-l-anthony.pdf>
- <https://www.ocwd.com/media/6921/ocwd-wifia-press-release.pdf>
- <https://www.ocwd.com/media/6986/most-water-recycled-in-one-year-press-release-final.pdf>
- <https://www.ocwd.com/media/7200/ocwd-ocsd-receive-regional-pr-award-of-excellence.pdf>
- Staff wrote and distributed three issues of Hydrospectives, OCWD's monthly e-newsletter, which mention or feature articles about the GWRS: <https://www.ocwd.com/news-events/newsletter/>.
- OCWD distributed construction notices to impacted stakeholders regarding the North Basin Cleanup Project in August and September 2018.

**GWRS
MEDIA CLIPS
JULY - SEPT 2018
NUMBER OF HITS: 193**

	Date	Source	Headline	Country	URL	Reach
1	25-Sep-2018	Los Angeles Times	Huntington Beach desalination project would help meet region's water needs	United States	http://www.latimes.com/socal/daily-pilot/news/tn-dpt-me-commentary-water-20180925-story.html	12442299
2	18-Sep-2018	Anaheim Blog	Major Business Groups Endorse Mayor Tim Shaw for OC Supervisor	United States	http://www.anaheimblog.net/2018/09/18/major-business-groups-endorse-mayor-tim-shaw-for-oc-supervisor/	1210
3	27-Aug-2018	The Daily Record	LG CHEM MARCHES INTO THE BRACKISH WATER RO MARKET AFTER ESTABLISHING LEADERSHIP IN SEAWATER DESALINATION	Singapore	https://thedailyrecordsingapore.wordpress.com/2018/08/27/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination/	0
4	26-Aug-2018	Al Barakah News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	https://abnewsme.com/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination/	108
5	26-Aug-2018	Market Screener	LG Chem : inks US desalination project contracts MarketScreener	United States	https://www.marketscreener.com/LG-CHEM-LTD-6494928/news/LG-Chem-inks-US-desalination-project-contracts-27165642/	0
6	25-Aug-2018	California Water News Daily	LG Chem to Supply Three California Utilities with Brackish Water Reverse Osmosis Membranes	United States	http://californiawaternewsdaily.com/infrastructure/lg-chem-to-supply-three-california-utilities-with-brackish-water-reverse-osmosis-membranes/	661
7	25-Aug-2018	Kuwait Daily News	LG Chem inks US desalination project contracts	Kuwait	http://www.q8dailynews.com/story-z6231942	360

**GWRS
MEDIA CLIPS
JULY - SEPT 2018
NUMBER OF HITS: 193**

	Date	Source	Headline	Country	URL	Reach
8	24-Aug-2018	Trade Arabia	LG Chem inks US desalination project contracts	Bahrain	http://www.tradearabia.com/news/IND_344345.html	24322
9	23-Aug-2018	Gulf Projects	LG Chem inks US desalination project contracts	Bahrain	http://www.gulfprojects.me/DetailsTA/344345/LG-Chem-inks-US-desalination-project-contracts	309
10	23-Aug-2018	Gulf Construction Online	LG Chem inks US desalination project contracts	Bahrain	http://www.gulfconstructiononline.com/news/story/15174	2617
11	23-Aug-2018	Market Screener	LG Chem : Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination MarketScreener	United States	https://www.marketscreener.com/LG-CHEM-LTD-6494928/news/LG-Chem-Marches-into-the-Brackish-Water-RO-Market-After-Establishing-Leadership-in-Seawater-Desali-27152671/	0
12	23-Aug-2018	企媒在线	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.ecmedia.cn/viewnews-102330.jsp	140
13	23-Aug-2018	新浪财经头条	LG化学成为海水淡化领域膜领导品牌后大举进军苦咸水反渗透膜	China	https://cj.sina.com.cn/articles/view/2676312451/9f854983001009aow	1004604
14	22-Aug-2018	IFUN TECH	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.ifuntech.cn/v-1-267167.aspx	956
15	22-Aug-2018	中国商业新闻网	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.i6888.cn/news/apenp/2018-08-23/28825.html	36
16	22-Aug-2018	财新闻	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.caixinwen.com/news/27563-1.html	55

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	Date	Source	Headline	Country	URL	Reach
17	22-Aug-2018	连线新闻网	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.onlinknews.com/v-1-502660.aspx	1996
18	22-Aug-2018	gzaza.com	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.gzaza.com/v1/41804.aspx	28
19	22-Aug-2018	中国膜工业协会	大举进军苦咸水反渗透膜市场LG化学斩获三份美国合约	China	http://www.membranes.com.cn/xingyedongtai/gongyexinwen/2018-08-23/33917.html	1676
20	22-Aug-2018	Palestine Journal	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Palestine	http://www.paljournal.net/story-z16615920	72
21	22-Aug-2018	UAE News Online - Blog	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	http://uaenewsonline.ucoz.ae/news/2018-08-23-18617	66
22	22-Aug-2018	Gulf Breaking News	Gulf Breaking News - Blog: LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	https://www.gulf-breaking-news.page4.me/blog/2018/08/23/15394-LG-Chem-Marches-into-the-Brackish-Water-RO-Market-After-Establishing-Leadership-in-Seawater-Desalination/	103
23	22-Aug-2018	Khaleej Dailies	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	http://khaleejdailies.blogspot.com/2018/08/lg-chem-marches-into-brackish-water-ro.html	268

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24	22-Aug-2018	Dubai News Today	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	http://dubainewstoday.blogspot.com/2018/08/lg-chem-marches-into-brackish-water-ro.html	53
25	22-Aug-2018	Media Relations & Event Management	LG CHEM MARCHES INTO THE BRACKISH WATER RO MARKET AFTER ESTABLISHING LEADERSHIP IN SEAWATER DESALINATION	Malaysia	http://mrem.bernama.com/viewsm.php?idm=32523	1070
26	22-Aug-2018	第一金融网	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.afinance.cn/new/wzszx/201808/2202303.html	10513
27	22-Aug-2018	Trade Mid East	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	https://trademideast.page4.me/blog/2018/08/23/15498-lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination/	587
28	22-Aug-2018	太平洋品牌网	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.pcbrand.com.cn/2018/0823/7997.html	60
29	22-Aug-2018	西部财经网	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.xibucaijing.com/2018/0823/8561.html	234
30	22-Aug-2018	Fox&Hounds	How to Make California's Southland Water Independent for \$30 Billion	United States	http://www.foxandhoundsdaily.com/2018/08/make-californias-southland-water-independent-30-billion/	10684

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31	21-Aug-2018	中財網	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.chinacw.com.cn/2018/0822/78657.html	4091
32	21-Aug-2018	Eye Of Riyadh	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Saudi Arabia	https://www.eyefriyadh.com/news/details/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	34809
33	21-Aug-2018	Eye Of Dubai	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	https://www.eyefdubai.net/news/details/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	279
34	21-Aug-2018	HiNet新聞	在海水淡化領域建立領導地位後，LG化學大舉進軍苦鹹水逆滲透市場	Taiwan	https://times.hinet.net/news/21922987	211628
35	21-Aug-2018	新浪新聞	在海水淡化領域建立領導地位後，LG化學大舉進軍苦鹹水逆滲透市場	Taiwan	http://news.sina.com.tw/article/20180822/27927366.html	134987
36	21-Aug-2018	PC Home Online	在海水淡化領域建立領導地位後，LG化學大舉進軍苦鹹水逆滲透市場	Taiwan	http://news.pchome.com.tw/living/cna/20180822/index-15349014754457218009.html	4225569
37	21-Aug-2018	財華網	LG化學成為海水淡化領域膜領導品牌後，大舉進軍苦鹹水反渗透膜市場	Hong Kong	http://www.finet.hk/Newscenter/news_content/5b7cb99e4b0b60456a9498b	41083
38	21-Aug-2018	文传商讯	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.cn-info.net/news/2018-08-22/48631.html	532

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	Date	Source	Headline	Country	URL	Reach
39	21-Aug-2018	美国商业资讯	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.businesswirechina.com/zh/news/38342.html	1061
40	21-Aug-2018	財經智珠網 DB Power	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Hong Kong	http://www.dbpower.com.hk/en/news/news-finance-news-businesswire/?uid=38342en&page=1	170
41	21-Aug-2018	智库在线	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	China	http://www.zikoo.com/news/5fva49r8y.html	468
42	21-Aug-2018	今日亞洲新聞網	在海水淡化領域建立領導地位後，LG化學大舉進軍苦鹹水逆滲透市場	Taiwan	http://ct.asiatoday.com/pressrelease/%E5%9C%A8%E6%B5%B7%E6%B0%B4%E6%B7%A1%E5%8C%96%E9%A0%98%E5%9F%9F%E5%BB%BA%E7%AB%8B%E9%A0%98%E5%B0%8E%E5%9C%B0%E4%BD%8D%E5%B E%8C%EF%BC%8C%E5%8C%96%E5%AD%B8%E5%A 4%A7%E8%88%89%E9%80%B2%E8%BB%8D%E8%8B %A6%E9%B9%B9%E6%B0%B4%E9%80%86%E6%BB% B2%E9%80%8F%E5%B8%82%E5%A0%B4	48
43	21-Aug-2018	FOX 40 WICZ TV	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wicz.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	13630
44	21-Aug-2018	Crossroads Today	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.crossroadstoday.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	62548

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45	21-Aug-2018	BizWire Express	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	http://www.bizwireexpress.com/showstorybwi.php?storyid=19750	1486
46	21-Aug-2018	KLTV 7 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kltv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	55622
47	21-Aug-2018	IT News Online	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	http://www.itnewsonline.com/bwi/LG-Chem-Marches-into-the-Brackish-Water-RO-Market-After-Establishing-Leadership-in-Seawater-Desalination/20686	1316
48	21-Aug-2018	Mumbai Online	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	http://news.indiaonline.in/press-releases/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination-61738	2618
49	21-Aug-2018	Digital Journal	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Canada	http://www.digitaljournal.com/pr/3905080	336677
50	21-Aug-2018	WIS News 10	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wistv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	151218

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51	21-Aug-2018	FOX19-WXIX TV	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.fox19.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	156072
52	21-Aug-2018	WMC Action News 5	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wmcactionnews5.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	170220
53	21-Aug-2018	WDAM - Channel 7	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wdam.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	38373
54	21-Aug-2018	WALB.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.walb.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	38447
55	21-Aug-2018	Morningstar	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://news.morningstar.com/all/business-wire/BWIPREM20180821005302/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination.aspx	1851004
56	21-Aug-2018	KFMB-TV CBS-8	LG Chem Marches into the Brackish Water RO Market After Establis - CBS News 8 - San Diego, CA News Station - KFMB Channel 8	United States	http://www.cbs8.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	281937

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	Date	Source	Headline	Country	URL	Reach
57	21-Aug-2018	NBC29 WVIR	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.nbc29.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	65219
58	21-Aug-2018	WFXG FOX 54	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wfxg.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	10021
59	21-Aug-2018	KPLC 7 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kplctv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	54056
60	21-Aug-2018	Fox 34	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.fox34.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	8742
61	21-Aug-2018	NoticiasETX.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.noticiasetx.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	568
62	21-Aug-2018	WSFA 12 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wsfa.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	253537

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63	21-Aug-2018	NBC12 - WWBT	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.nbc12.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	294488
64	21-Aug-2018	Telemundo Lubbock	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.telemundolubbock.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	1293
65	21-Aug-2018	ATT.com	LG Chem ingresa en el Mercado de las membranas de Osmosis Inversa de Agua Salobre después de Establecer el Liderazgo en la Desalinización de Agua de Mar - noticias - att.net	United States	https://start.att.net/news/read/category/noticias/article/the-associated-press-lg-chem-ingresa-en-el-mercado-de-las-membranas-de-ap	1856149
66	21-Aug-2018	KCBD NewsChannel 11	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kcbd.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	45908
67	21-Aug-2018	KASA	LG Chem Marches into the Brackish Water RO Market After Establis	United States	http://www.kasa.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	1687
68	21-Aug-2018	NewsOn6.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.newson6.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	189320

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69	21-Aug-2018	The Valley's CW	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.valleyscw.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	746
70	21-Aug-2018	Telemundo Amarillo	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.telemundoamarillo.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	5749
71	21-Aug-2018	KAIT ABC-8	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kait8.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	56254
72	21-Aug-2018	ABC FOX Montana	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.abcfoxmontana.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	19095
73	21-Aug-2018	14 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.14news.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	64068

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74	21-Aug-2018	Finanztreff.de	BUSINESS WIRE: LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosomosemarkt ein	Germany	http://www.finanztreff.de/news/business-wire-lg-chem-steigt-nach-uebernahme-der-marktfuehrenden-rolle-bei-der-meerwassere/13649150	159318
75	21-Aug-2018	Rfd-Tv	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.rfdtv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	24067
76	21-Aug-2018	NewsWest 9	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.newswest9.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	28741
77	21-Aug-2018	Magic 106.5	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.magic1065.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	737
78	21-Aug-2018	KITV 4 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kitv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	130232

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79	21-Aug-2018	Double T 97.3	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.doublet973.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	2153
80	21-Aug-2018	KTRE ABC-9	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.ktre.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	52831
81	21-Aug-2018	KFBB.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kfbb.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	31864
82	21-Aug-2018	KXXV-TV News Channel 25	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kxxv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	83429
83	21-Aug-2018	Kuam News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kuam.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	18358
84	21-Aug-2018	Telemundo Midland/Odessa	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.sutelemundo20.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	1613

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85	21-Aug-2018	KRGV.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.krgv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	35434
86	21-Aug-2018	KAUZ-TV: NewsChannel 6 Now	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.newschannel6now.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	25532
87	21-Aug-2018	Live5News.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.live5news.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	104184
88	21-Aug-2018	Ibero News	LG Chem se adentra en el mercado de la OI para agua salobre tras consolidar su liderazgo en el sector de la desalinización de agua de mar	Spain	http://iberonews.com/not_det.php?lang=es&notid=69954	544
89	21-Aug-2018	Kake	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kake.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	93922

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90	21-Aug-2018	93.7 The Eagle	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.937theeagle.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	366
91	21-Aug-2018	WTVM.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wtvm.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	39249
92	21-Aug-2018	WBTV 3 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wbvtv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	201898
93	21-Aug-2018	WAVE 3 News	LG Chem Marches into the Brackish Water RO Market After Establis - wave3.com-Louisville News, Weather & Sports	United States	http://www.wave3.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	143354
94	21-Aug-2018	KHQ Right Now	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.khq.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	157753
95	21-Aug-2018	KSLA News 12	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.ksla.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	46763

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	Date	Source	Headline	Country	URL	Reach
96	21-Aug-2018	KULR-8	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.kulr8.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	34668
97	21-Aug-2018	Hometownstations.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.hometownstations.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	10617
98	21-Aug-2018	LGBTWeddings.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.lgbtv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	402
99	21-Aug-2018	Tucson News Now	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.tucsonnewsnow.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	145757
100	21-Aug-2018	NBC Right Now - KNDO/KNDU	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.nbcrightnow.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	48518
101	21-Aug-2018	WMBF News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wmbfnews.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	66936

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	Date	Source	Headline	Country	URL	Reach
102	21-Aug-2018	Oklahoma's Own	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.news9.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	173928
103	21-Aug-2018	Cleveland 19 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.cleveland19.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	263397
104	21-Aug-2018	Oldies 97.7	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.oldies977lubbock.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	440
105	21-Aug-2018	WFMJ TV-21	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wfmj.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	57440
106	21-Aug-2018	WSIL-TV	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wsiltv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	41512
107	21-Aug-2018	WFLX Fox 29-TV	LG Chem Marches into the Brackish Water RO Market After Establis - Fox29 WFLX TV, West Palm Beach, FL-news & weather	United States	http://www.wflx.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	10956

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	Date	Source	Headline	Country	URL	Reach
108	21-Aug-2018	WTOL.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wtol.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	108649
109	21-Aug-2018	Fox 21 Delmarva	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.fox21delmarva.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	1378
110	21-Aug-2018	KSWO-TV 7	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.ksw.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	52003
111	21-Aug-2018	The CW Lubbock	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.lubbockcw.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	651
112	21-Aug-2018	WECT TV6	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wect.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	77439
113	21-Aug-2018	SWX Right Now	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.swxrightnow.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	3435

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	Date	Source	Headline	Country	URL	Reach
114	21-Aug-2018	WBRC FOX6 News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wbrc.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	135178
115	21-Aug-2018	WBOC Tv 16	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wboc.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	58214
116	21-Aug-2018	KFVE The Home Team	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.k5thehometeam.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	13651
117	21-Aug-2018	My Lubbock TV	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.mylubbocktv.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	660
118	21-Aug-2018	WLOX-TV	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wlox.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	101578
119	21-Aug-2018	WTOC.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.wtoc.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	58868

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	Date	Source	Headline	Country	URL	Reach
120	21-Aug-2018	NewsChannel 10	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.newschannel10.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	92937
121	21-Aug-2018	Hawaii News Now	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.hawaiinewsnow.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	800142
122	21-Aug-2018	Ad Hoc News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Germany	https://www.ad-hoc-news.de/boerse/news/marktberichte/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing/57407418	28749
123	21-Aug-2018	POPULÄRE PRESSE	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Germany	http://www.poppres.de/news/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership/57407418	1015
124	21-Aug-2018	107.7 Yes FM	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.1077yesfm.com/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	920

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	Date	Source	Headline	Country	URL	Reach
125	21-Aug-2018	Financial.de	Business Wire News: LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosomosemarkt ein	Germany	http://financial.de/news/unternehmensnews/business-wire-news-lg-chem-steigt-nach-ubernahme-der-marktfuehrenden-rolle-bei-der-meerwasserentsalzung-in-den-brackwasser-umkehrosomosemarkt-ein-2/	1268
126	21-Aug-2018	EcoDiario - ElEconomista.es	LG Chem se adentra en el mercado de la OI para agua salobre tras consolidar su liderazgo en el sector de la desalinización de agua de mar	Spain	http://www.eleconomista.es/empresas-finanzas/noticias/9341785/08/18/LG-Chem-se-adentra-en-el-mercado-de-la-OI-para-agua-salobre-tras-consolidar-su-liderazgo-en-el-sector-de-la-desalinizacion-de-agua-de-mar.html	382612
127	21-Aug-2018	News Center 1	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	http://www.newscenter1.tv/story/38927422/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	15217
128	21-Aug-2018	POPULÄRE PRESSE	LG Chem (KRX:051910), Lieferant des kompletten Sortiments von NanoH2O™-Umkehrosomose(Reverse Osmosis, RO)-Membranen, gab bekannt, dass das Unternehmen kürzlich drei Aufträge zur Lieferung seiner Brackwasser(BW)-RO-Membranen an große Versorgungsunternehmen in den USA erhalten hat	Germany	http://www.poppres.de/wirtschaft/lg-chemkrx-051910-lieferant-des-kompletten-sortiments-von-nanoh2o/57407389	1015

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	Date	Source	Headline	Country	URL	Reach
129	21-Aug-2018	Ad Hoc News	LG Chem (KRX:051910), Lieferant des kompletten Sortiments von NanoH2O™-Umkehrosmose(Reverse Osmosis, RO)-Membranen, gab bekannt, dass das Unternehmen kürzlich drei Aufträge zur Lieferung seiner Brackwasser(BW)-RO-Membranen an große Versorgungsunternehmen in den USA erhalten hat.	Germany	https://www.ad-hoc-news.de/boerse/news/unternehmensnachrichten/lg-chem-krx-051910-lieferant-des-kompletten-sortiments-von/57407389	28749
130	21-Aug-2018	FinanzNachrichten.de	LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosmosemarkt ein	Germany	https://www.finanznachrichten.de/nachrichten-2018-08/44589470-lg-chem-steigt-nach-uebernahme-der-marktfuehrenden-rolle-bei-der-meerwasserentsalzung-in-den-brackwasser-umkehrosmosemarkt-ein-004.htm	254032
131	21-Aug-2018	PR-inside	LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosmosemarkt ein	Austria	http://www.pr-inside.com/de/lg-chem-steigt-nach-uebernahme-der-r4701639.htm	267
132	21-Aug-2018	Business Wire (DE)	LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosmosemarkt ein	United States	https://www.businesswire.com/news/home/20180821005303/de	95604

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	Date	Source	Headline	Country	URL	Reach
133	21-Aug-2018	Business Wire (CN)	LG化学成为海水淡化领域膜领导品牌后·大举进军苦咸水反渗透膜市场	United States	https://www.businesswire.com/news/home/20180821005309/zh-CN	95604
134	21-Aug-2018	Business Wire	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination Business Wire	United States	https://www.businesswire.com/news/home/20180821005302/en/LG-Chem-Marches-Brackish-Water-RO-Market	221851
135	21-Aug-2018	AP (Hosted)	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States		331946
136	21-Aug-2018	Moneyspecial	BUSINESS WIRE: LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosomosemarkt ein	Germany	http://www.moneyspecial.de/286/news_news.htn?id=13649150&offset=0&sektion=ir_business_wire	2721
137	21-Aug-2018	Webindia123.com	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	https://news.webindia123.com/news/press_showdetails.asp?id=48715	393147
138	21-Aug-2018	Quamnet	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Hong Kong	http://www.quamnet.com/newscontent.action?articleId=5839669	43215

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	Date	Source	Headline	Country	URL	Reach
139	21-Aug-2018	Dailyhunt	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	https://m.dailyhunt.in/news/india/english/business+wire+india-epaper-bwireind/lg+chem+marches+into+the+brackish+water+ro+market+after+establishing+leadership+in+seawater+desalination-newsid-95129812	475144
140	21-Aug-2018	Finanzen - Manager Magazin	BUSINESS WIRE: LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosomosemarkt ein	Germany	http://boersen.manager-magazin.de/mm/news_news.htn?sektion=ticker&id=13649150	40898
141	21-Aug-2018	NewsNow.in	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	http://www.newsnow.in/article/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	2053
142	21-Aug-2018	Quamnet	在海水淡化領域建立領導地位後，LG化學大舉進軍苦鹹水逆滲透市場	Hong Kong	http://www.quamnet.com/newscontent.action?listSectionCode=NEW_BUW&articleId=5839670	43215
143	21-Aug-2018	Boerse.de	LG Chem steigt nach Übernahme der marktführenden Rolle bei der Meerwasserentsalzung in den Brackwasser-Umkehrosomosemarkt ein	Germany	https://www.boerse.de/nachrichten/LG-Chem-steigt-nach-Uebernahme-der-marktfuehrenden-Rolle-bei-der-Meerwasserentsalzung-in-den-Brackwasser-Umkehrosomosemarkt-ein/7947078	282397
144	21-Aug-2018	Business Wire India	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	https://businesswireindia.com/news/fulldetails/lg-chem-marches-into-brackish-water-ro-market-after-establishing-leadership-seawater-desalination/59547	16688

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	Date	Source	Headline	Country	URL	Reach
145	21-Aug-2018	Business Wire	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United States	https://www.businesswire.com/news/acullen/20180821005302/en/LG-Chem-Marches-Brackish-Water-RO-Market	221851
146	21-Aug-2018	Labolsa.com	LG Chem se adentra en el mercado de la OI para agua salobre tras consolidar su liderazgo en el sector de la desalinización de agua de mar	Spain	http://www.labolsa.com/noticias/20180821150000412/lg-chem-se-adentra-en-el-mercado-de-la-oi-para-agua-salobre-tras-consolidar-su-liderazgo-en-el-sector-de-la-desalinizacion-de-agua-de-mar/	19639
147	21-Aug-2018	Estrategias de Inversión	LG Chem se adentra en el mercado de la OI para agua salobre tras consolidar su liderazgo en el sector de la desalinización de agua de mar	Spain	https://www.estrategiasdeinversion.com/actualidad/noticias/otras/lg-chem-se-adentra-en-el-mercado-de-la-oi-para-n-407365	88738
148	21-Aug-2018	Sector Publishing Intelligence	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Kingdom	http://www.sectorpublishingintelligence.co.uk/news/2069152/lg+chem+marches+into+the+brackish+water+ro+market+after+establishing+leadership+in+seawater+desalination	4154
149	21-Aug-2018	BizNews.in	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	http://www.biznews.in/article/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	258

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	Date	Source	Headline	Country	URL	Reach
150	21-Aug-2018	Company Announcements	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Kingdom	https://markets.ft.com/data/announce/detail?dockey=600-201808210900BIZWIRE_USPRX_BW5302-1	9

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	Date	Source	Headline	Country	URL	Reach
151	21-Aug-2018	El Diario de León	<p>Mercado de las membranas de Osmosis Inversa de Agua Salobre después de Establecer el Liderazgo en la Desalinización de Agua de MarLG Chem (KRX: 051910), supplier of the full line of NanoH2O reverse osmosis (RO) membranes, has been awarded contracts to supply Brackish Water (BW) RO membranes to major utilities in the U.S: A contract to supply replacement membranes to the Silicon Valley Advanced Water Purification Center, a contract to supply 3,170 energy saving BW ES elements to the Ground Water Replenishment System in the Orange County Water District and a replacement bid for the Edward C. Little Water Recycling Facility in the West Basin Municipal Water District following a successful on-site trial last year. (Photo:</p>	Spain	<p>http://bolsa.diariodeleon.es/noticias-actualidad/businessWire/es-LG-Chem-ingresa-en-el-Mercado-de-las-membranas-de-Osmosis-Inversa-de-Agua-Salobre-despues-de--14661372--24820986a7a4c7bf71fd36dd8b676b4a.html</p>	234

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	Date	Source	Headline	Country	URL	Reach
152	21-Aug-2018	El Diario de León	<p>Mercado de las membranas de Osmosis Inversa de Agua Salobre después de Establecer el Liderazgo en la Desalinización de Agua de MarLG Chem (KRX: 051910), supplier of the full line of NanoH2O reverse osmosis (RO) membranes, has been awarded contracts to supply Brackish Water (BW) RO membranes to major utilities in the U.S: A contract to supply replacement membranes to the Silicon Valley Advanced Water Purification Center, a contract to supply 3,170 energy saving BW ES elements to the Ground Water Replenishment System in the Orange County Water District and a replacement bid for the Edward C. Little Water Recycling Facility in the West Basin Municipal Water District following a successful on-site trial last year. (Photo:</p>	Spain	<p>http://bolsa.diariodeleon.es/noticias-actualidad/notasDePrensa/LG-Chem-ingresa-en-el-Mercado-de-las-membranas-de-Osmosis-Inversa-de-Agua-Salobre-despues-de--14661372--24820986a7a4c7bf71fd36dd8b676b4a.html</p>	234

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	Date	Source	Headline	Country	URL	Reach
153	21-Aug-2018	Bolsamanía.com	<p>Mercado de las membranas de Osmosis Inversa de Agua Salobre después de Establecer el Liderazgo en la Desalinización de Agua de MarLG Chem (KRX: 051910), supplier of the full line of NanoH2O reverse osmosis (RO) membranes, has been awarded contracts to supply Brackish Water (BW) RO membranes to major utilities in the U.S: A contract to supply replacement membranes to the Silicon Valley Advanced Water Purification Center, a contract to supply 3,170 energy saving BW ES elements to the Ground Water Replenishment System in the Orange County Water District and a replacement bid for the Edward C. Little Water Recycling Facility in the West Basin Municipal Water District following a successful on-site trial last year. (Photo:</p>	Spain	<p>http://www.bolsamania.com/noticias-actualidad/notasDePrensa/LG-Chem-ingresa-en-el-Mercado-de-las-membranas-de-Osmosis-Inversa-de-Agua-Salobre-despues-de--14661372--24820986a7a4c7bf71fd36dd8b676b4a.html</p>	756574

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	Date	Source	Headline	Country	URL	Reach
154	21-Aug-2018	环球财经(繁体)	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	China	http://www.chineseworldnet.com/hk/stock/financeNewsGroup/interfax_bus_wire/3563647	1610
155	21-Aug-2018	Samachar Live	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	https://www.samacharlive.com/Business/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination	710
156	21-Aug-2018	Digital Conqueror	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	India	http://digitalconqueror.com/bw-tech/lg-chem-marches-into-the-brackish-water-ro-market-after-establishing-leadership-in-seawater-desalination/	10970
157	20-Aug-2018	Iraq Daily Journal	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Iraq	http://www.iraqdailyjournal.com/story-z17654415	206
158	20-Aug-2018	Oman Bulletin	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Oman	http://www.omanbulletin.com/story-z11423445	175
159	20-Aug-2018	Algeria Times	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Algeria	http://www.algeriatimes.info/story-z2076990	20

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	Date	Source	Headline	Country	URL	Reach
160	20-Aug-2018	UAE Business Review	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	http://www.uaereview.com/story-z13500435	638
161	20-Aug-2018	Tunis Daily News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Tunisia	http://tdailynews.net/story-z10384950	566
162	20-Aug-2018	Doha Insight	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Qatar	http://www.dohainsight.com/story-z9346455	183
163	20-Aug-2018	Libya Business Info	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Libyan Arab Jamahiriya	http://www.libyabizinfo.com/story-z15577425	251
164	20-Aug-2018	Bahrain Business News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Bahrain	http://www.bahrainbiznews.com/story-z8307960	88
165	20-Aug-2018	Egypt Commercial News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Egypt	http://www.egyptcmnews.com/story-z4153980	255

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	Date	Source	Headline	Country	URL	Reach
166	20-Aug-2018	Tehran Telegram	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	United Arab Emirates	http://www.tehrantelegram.com/story-z21808395	75
167	20-Aug-2018	Beirut Business Report	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Lebanon	http://www.beirutbizreport.com/story-z12461940	27
168	20-Aug-2018	Sudan Commerce News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Sudan	http://sdeconews.com/story-z19731405	47
169	20-Aug-2018	Algeria Business Info	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Algeria	http://www.algeriabusinessinfo.com/story-z1038495	126
170	20-Aug-2018	Yemen News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Yemen	http://www.yemennewstraffic.com/story-z20769900	75
171	20-Aug-2018	Saudi Daily Report	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Saudi Arabia	http://www.saudidailyrecord.net/story-z7269465	310

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172	20-Aug-2018	Morocco Gazette	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Morocco	http://www.marocgazette.com/story-z3115485	407
173	20-Aug-2018	Amman Daily News	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Jordan	http://www.ammannewsdaily.com/story-z18692910	123
174	20-Aug-2018	Al Sham Info	LG Chem Marches into the Brackish Water RO Market After Establishing Leadership in Seawater Desalination	Syrian Arab Republic	http://www.alshaminfo.com/story-z14538930	135
175	20-Aug-2018	California Political Review	How to Make California's Southland Water Independent for \$30 Billion	United States	http://www.capoliticalreview.com/capoliticalnewsandviews/how-to-make-californias-southland-water-independent-for-30-billion-2/	28529
176	09-Aug-2018	Water Online	LG Chem Marches Into The Brackish Water RO Market After Establishing Leadership In Seawater Desalination	United States	https://www.wateronline.com/doc/lg-chem-marches-water-ro-after-establishing-leadership-seawater-desalination-0001	38709
177	06-Aug-2018	Voice of OC	EPA Provides \$135 million for Innovative Groundwater Replenishment Project Expansion in Orange County	United States	https://voiceofoc.org/2018/08/epa-provides-135-million-for-innovative-groundwater-replenishment-project-expansion-in-orange-county/	52677
178	04-Aug-2018	Filtration Products	WIFIA program closes 2 new loans in California	United States	http://www.filtration-products.com/wifia-program-closes-2-new-loans-in-california-3/	190

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179	04-Aug-2018	Filtration Products	WIFIA program closes 2 new loans in California	United States	http://www.filtration-products.com/wifia-program-closes-2-new-loans-in-california-2/	190
180	03-Aug-2018	Filtration Products	WIFIA program closes 2 new loans in California	United States	http://www.filtration-products.com/wifia-program-closes-2-new-loans-in-california/	190
181	03-Aug-2018	WaterWorld	WIFIA program closes 2 new loans in California	United States	https://www.waterworld.com/articles/2018/08/wifia-program-closes-2-new-loans-in-california.html	51053
182	03-Aug-2018	Voice of OC	OCWD and the Water Industry Mourn the Loss of Philip L. Anthony	United States	https://voiceofoc.org/2018/08/ocwd-and-the-water-industry-mourn-the-loss-of-philip-l-anthony/	52677
183	03-Aug-2018	California Water News Daily	EPA Provides \$135 Million to Orange County WD for Groundwater Replenishment Project Expansion	United States	http://californiawaternewsdaily.com/infrastructure/epa-provides-135-million-to-orange-county-wd-for-groundwater-replenishment-project-expansion/	389
184	01-Aug-2018	Filtration Products	EPA provides \$135 million for innovative groundwater replenishment project expansion in Orange County U.S. EPA News Releases	United States	http://www.filtration-products.com/epa-provides-135-million-for-innovative-groundwater-replenishment-project-expansion-in-orange-county-u-s-epa-news-releases/	190
185	01-Aug-2018	Filtration Products	EPA Provides \$135 Million for Innovative Groundwater Replenishment Project Expansion in Orange County, California U.S. EPA News Releases	United States	http://www.filtration-products.com/epa-provides-135-million-for-innovative-groundwater-replenishment-project-expansion-in-orange-county-california-u-s-epa-news-releases/	190
186	01-Aug-2018	Daily Breeze	OC Water District awarded \$135M loan to expand wastewater recycling	United States	https://www.dailybreeze.com/2018/08/01/oc-water-district-awarded-135m-loan-to-expand-wastewater-recycling/	147802

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187	01-Aug-2018	United States Environmental Protection Agency	EPA provides \$135 million for innovative groundwater replenishment project expansion in Orange County	United States	https://www.epa.gov/newsreleases/epa-provides-135-million-innovative-groundwater-replenishment-project-expansion-0	328183
188	01-Aug-2018	United States Environmental Protection Agency	EPA Provides \$135 Million for Innovative Groundwater Replenishment Project Expansion in Orange County, California	United States	https://www.epa.gov/newsreleases/epa-provides-135-million-innovative-groundwater-replenishment-project-expansion-orange	328183
189	01-Aug-2018	Orange County Register	OC Water District awarded \$135M loan to expand wastewater recycling	United States	https://www.oregister.com/2018/08/01/oc-water-district-awarded-135m-loan-to-expand-wastewater-recycling/	1396158
190	31-Jul-2018	Water Online	EPA Provides \$135M For Innovative Groundwater Replenishment Project Expansion In Orange County	United States	https://www.wateronline.com/doc/epa-provides-m-for-groundwater-replenishment-project-expansion-in-orange-county-0001	38709
191	31-Jul-2018	Press-Telegram	OC Water District awarded \$135M loan to expand wastewater recycling	United States	https://www.presstelegram.com/2018/08/01/oc-water-district-awarded-135m-loan-to-expand-wastewater-recycling/	88316
192	21-Jul-2018	California Water News Daily	Southwest Membrane Operators Honor Orange County Water District's Operations Manager	United States	http://californiawaternewsdaily.com/industry/southwest-membrane-operators-honor-orange-county-water-districts-operations-manager/	389
193	05-Jul-2018	Fitch Ratings	Fitch Rates Orange County Water District, CA WIFIA Loan 'AAA'; Outlook Stable	United Kingdom	https://www.fitchratings.com/site/pr/10035261	33808