



August 13, 2024

To: Board of Directors

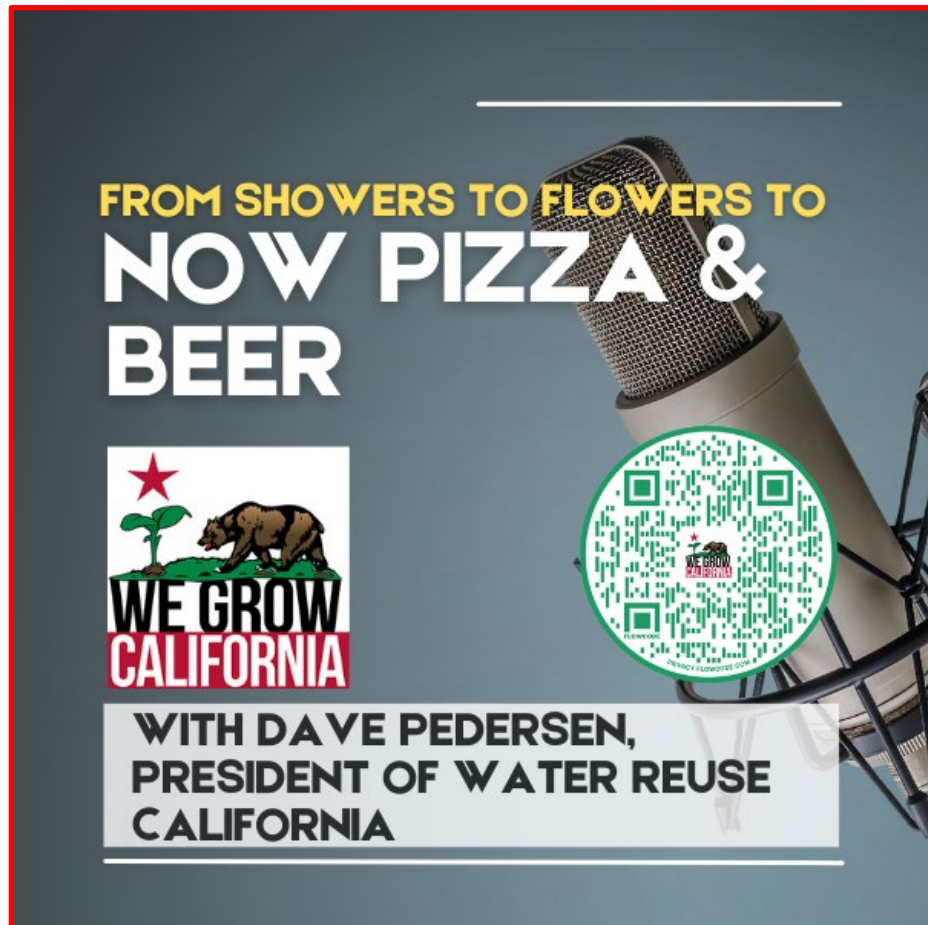
From: Dave Pedersen, General Manager via Joe McDermott, Assistant General Manager *Joe McDermott*

Subject: **Monthly Report of District Activities – July**

Following is a summary of the noteworthy District activities completed in July.

**I. General Manager**

“We Grow California” Podcast on LVMWD’s Pure Water Tasting Series: On July 22, 2024, the General Manager recorded a podcast hosted by Darcy Burke and Darcy Villere called “We Grow California.” The podcast featured the District’s unique approach to gain broader public acceptance of potable reuse through its “Pure Water Tasting Series”. Darcy Burke is Board Member for Elsinore Valley Municipal Water District and President/CEO of Watermark Associates. Darcy Villere heads research and development for J&J Farms in Firebaugh and is active in representing the interests of agricultural water users in the San Joaquin Valley.



Delta Conveyance Authority (DCA) Tour: On July 19, 2024, the General Manager, Assistant General Manager and several other staff along with Board President Jay Lewitt and Board members Len Polan, Andy Coradeschi and Gary Burns toured the proposed alignment for the Delta Conveyance Pipeline at the Sacramento Bay Delta. Other representatives from Calleguas Municipal Water District, Los Angeles Department of Water and Power, the Delta Stewardship Council, Department of Water Resources (DWR), and Nina Hawk from Metropolitan were also on the tour. While the tour was cut short due to traffic congestion, it was very informative and provided valuable insight for the proposed project. DCA and DWR staff did an excellent job describing the alignment of the 45-mile pipeline, along with various challenges, benefits/opportunities, schedule and cost.



(photo left) Tour attendees learn about the Delta Conveyance Project terminus at Bethany Reservoir.

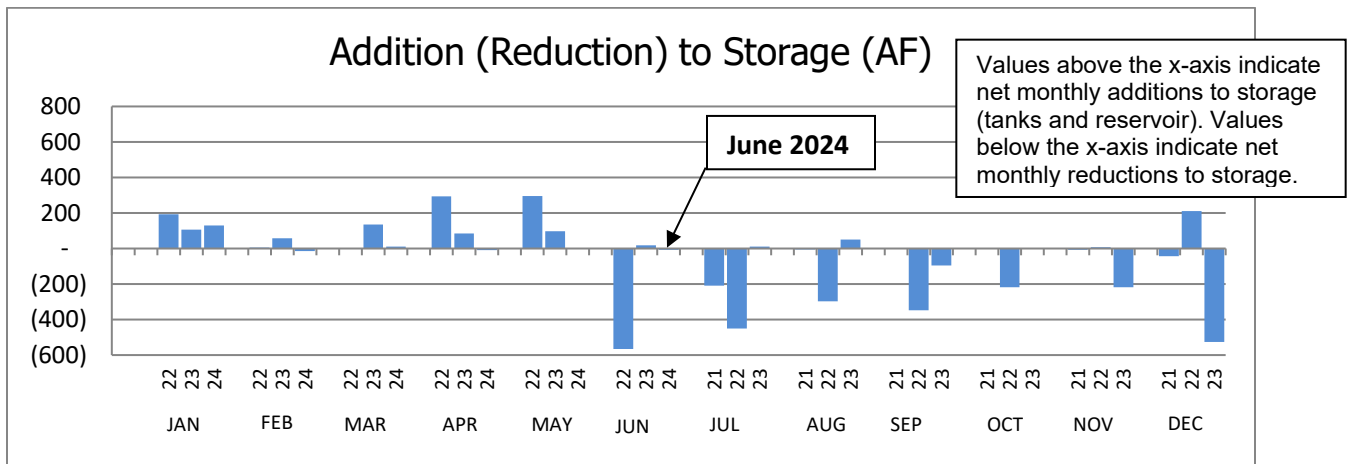
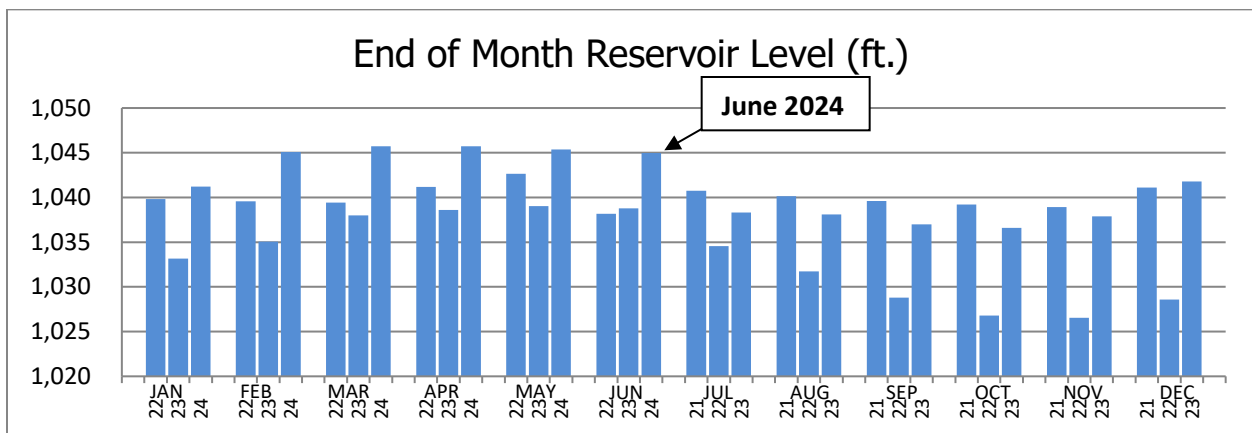
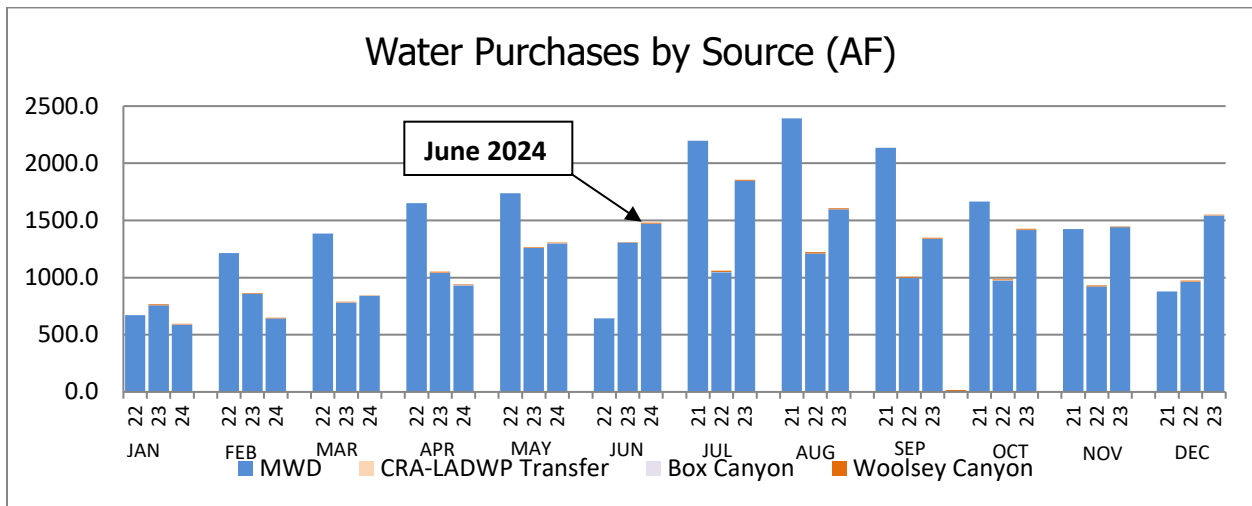


(photo right) Board President Jay Lewitt (left) and General Manager Dave Pedersen (right) pour water on the interactive 3D model of the Bay Delta at Big Break Regional Shoreline to see how the water flows.

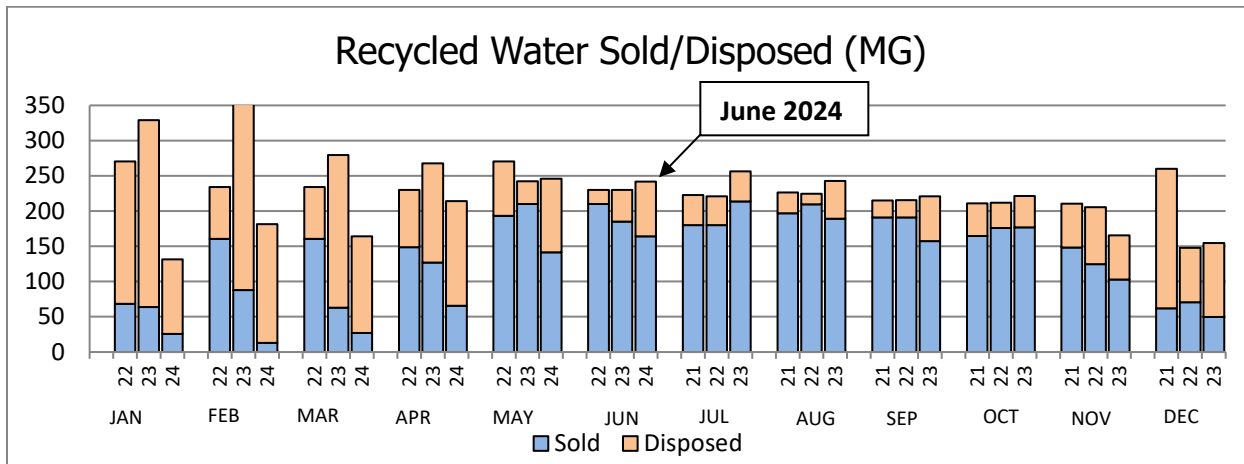
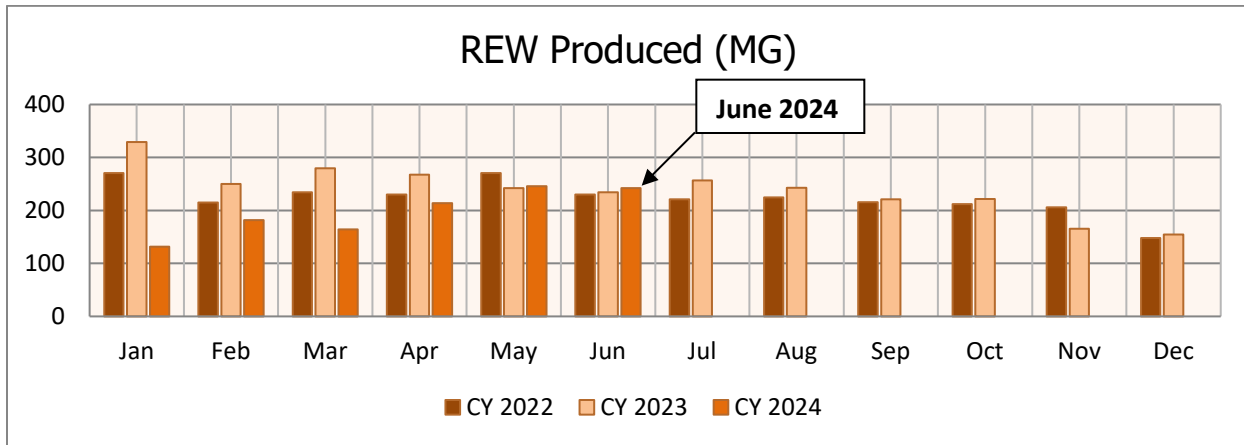
## II. Water Operations

### Potable Water System:

Latest data for period ending June 30, 2024



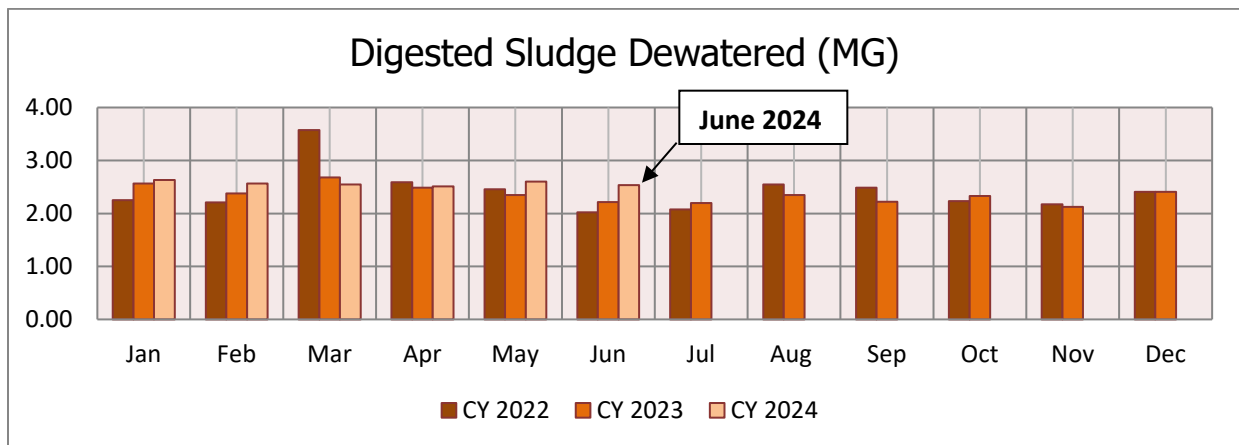
Tapia Water Reclamation Facility:

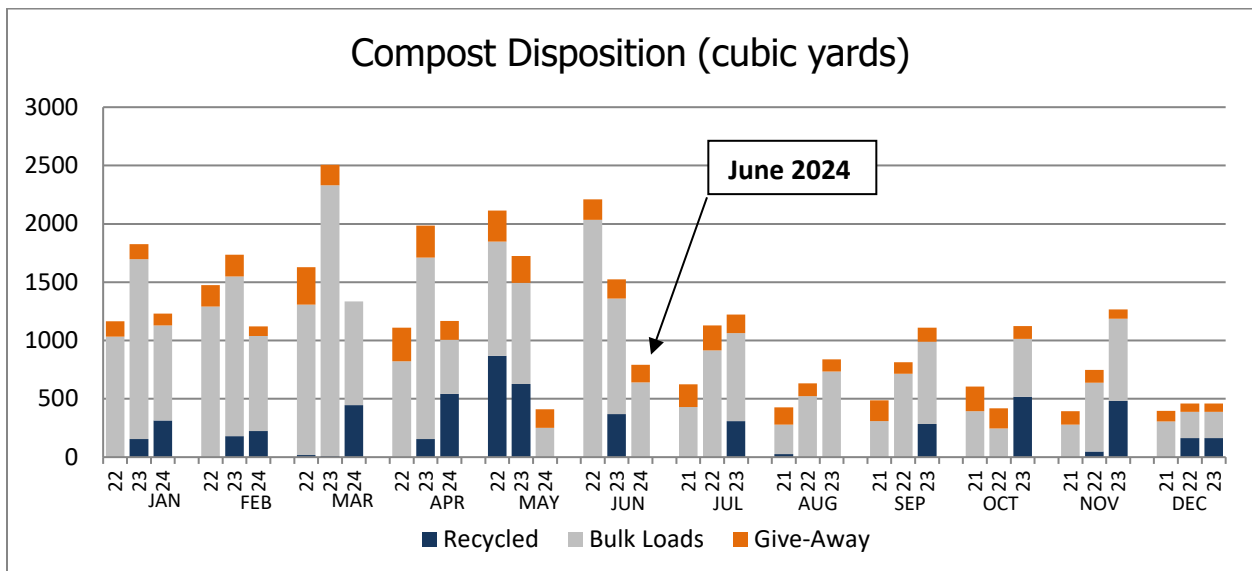
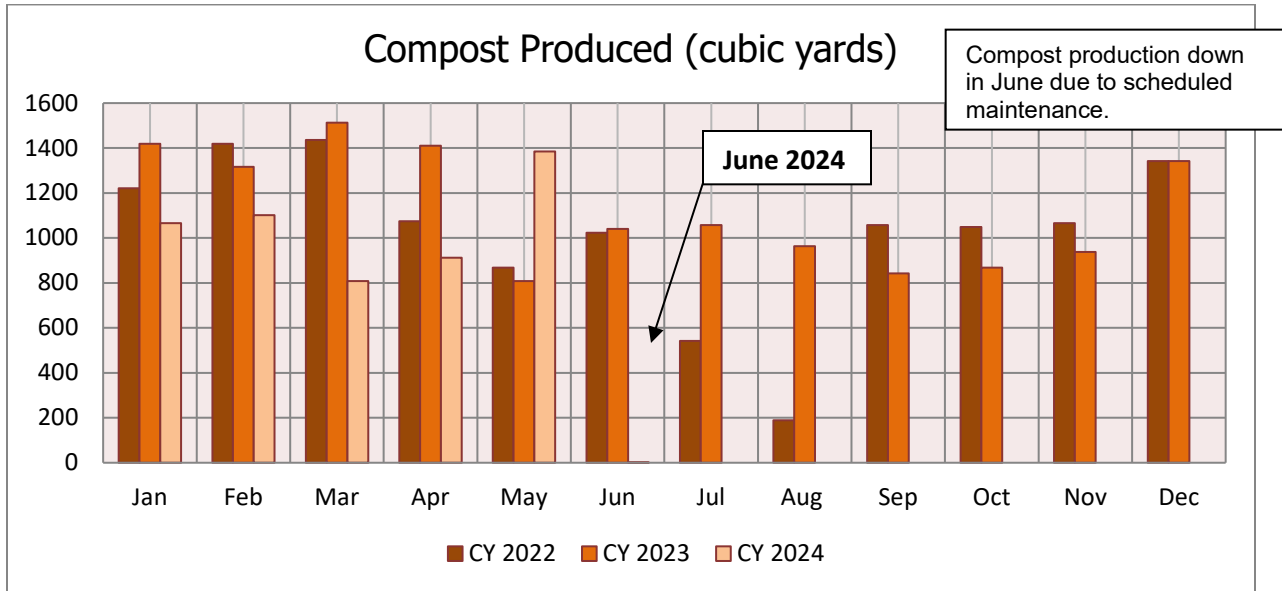


MG = Million Gallons  
 REW = Recycled Water

Notes: June 2024 Potable Supplement = 0.8 A.F.; Fish Flow augmentation to Malibu Creek = 0.0 A.F.

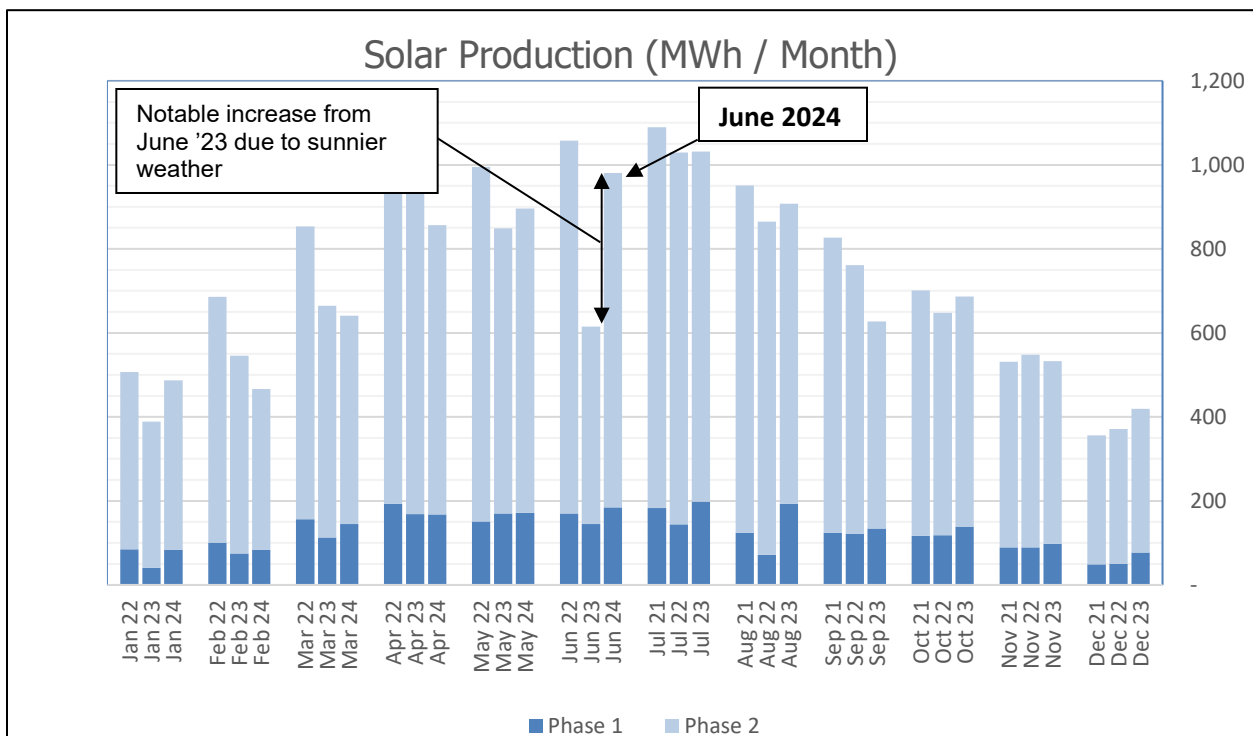
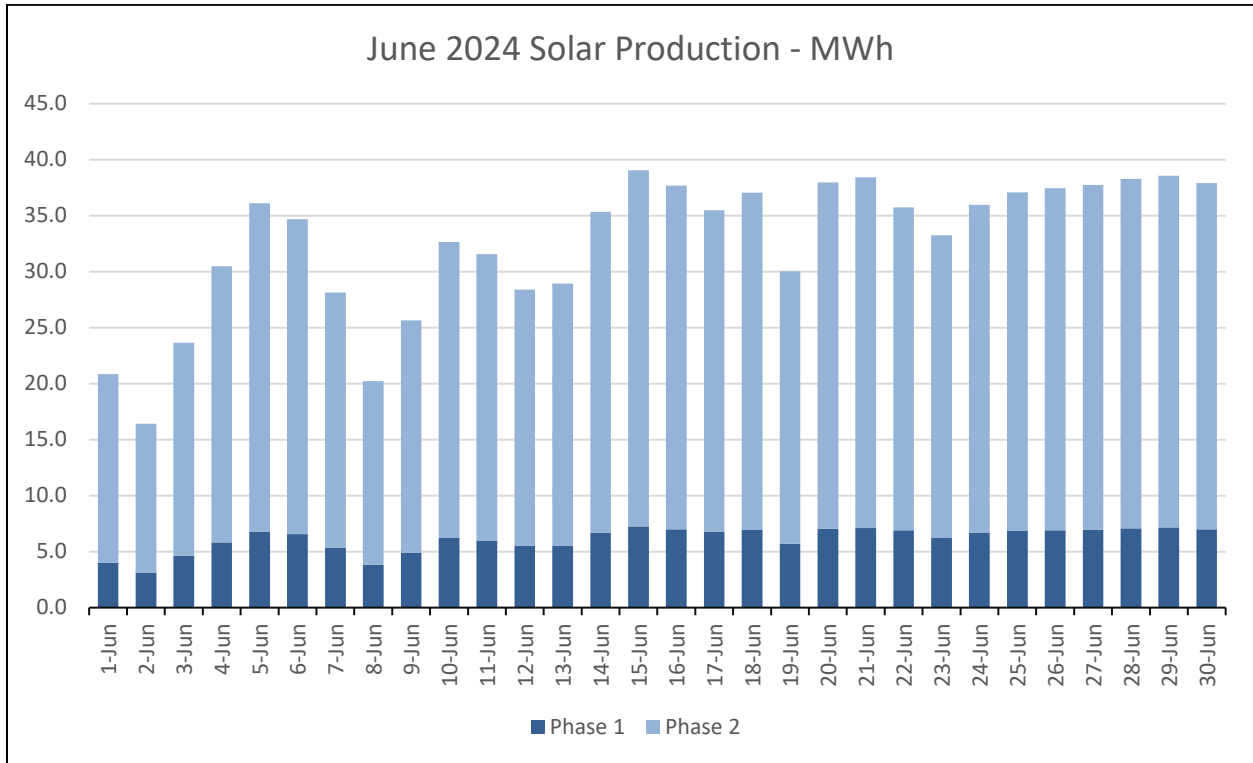
Rancho Las Virgenes Composting Facility:





Solar Production:

MWh – Megawatt hours



Construction: The Contractor, Toro Enterprises, completed the hillside repair on Parkmore Road. All compaction testing on the hillside was satisfactorily completed. Damaged railroad ties that were used for the original retaining wall and all oleander bushes were removed. A new and building code-compliant retaining wall is being engineered. In addition, the 12-inch diameter steel main line located within the slope was abandoned in place and filled with slurry. It was deemed unnecessary to keep in service.

(photo right) View looking down onto Thousand Oaks Blvd from the top of the slope.



(photo left) View of the slope repair from Thousand Oaks Blvd. looking up towards homes on Parkmore.



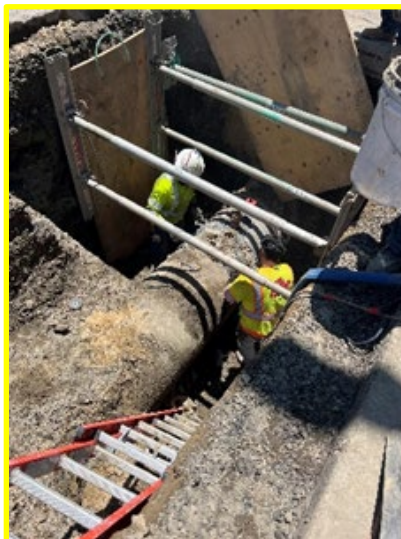
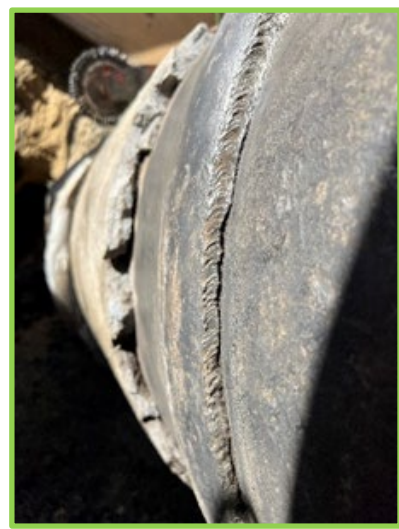
During the month of July, the Construction Crew repaired or replaced multiple potable water services throughout the service area but mostly in Agoura Hills (photos above).

On July 2nd, the Construction Crew repaired an eight-inch potable water main line break on Fairside Road in Malibu. They also replaced a 3-foot section of concrete mortar-concrete lined (CMCL) pipe with 3 feet of C900 PVC pipe. Two “Macro” couplings were used. Also, the Construction Crew completed the paving on July 25<sup>th</sup> (photos next pg.).





The Construction Crew, with assistance from Toro Enterprises, also repaired a potable water leak on the 30-inch main on Agoura Road near Liberty Canyon Road in Agoura Hills. The repair took four days. It appeared that the welding on a joint had failed. The rest of the pipe that was exposed is in excellent condition and Loren Bruger Welding was able to repair the pipe without issues. The final paving was completed on July 22nd.



(photo top left) large void under pavement after the main was shut-off.

(photos above) water leaked from a defective weld at the pipe joint that was repaired.

(photos left) a steel wire mesh is enveloped around the pipe after the repair prior to installing new cement mortar coating.

Westlake Filtration Plant – Addition of Insulation to Torchwood Tank Analyzer: pH Analyzers are critical to the operation of the treatment plant. Water Treatment staff were experiencing issues with the pH probe and its dual function of reading water temperature. To resolve this, staff installed insulation inside the all-metal cabinets. The plan is for the insulation to act as a better barrier to the probe sampling the water at times of the day when the sun is directly above or in front of the analyzer cabinet (photos next pg.).



Torchwood Tank Analyzer Cabinet - Before



Torchwood Tank Analyzer Cabinet - After

Water Systems: (photo right) Water Systems Operations has begun the new coatings program at Three Springs Pump Station. All piping at pump stations throughout the service area will be stripped, primed, and recoated. The coatings protect the pipes and appurtenances from corrosion and can significantly stretch out the life of the equipment. The McCoy Pump Station is next on the list.



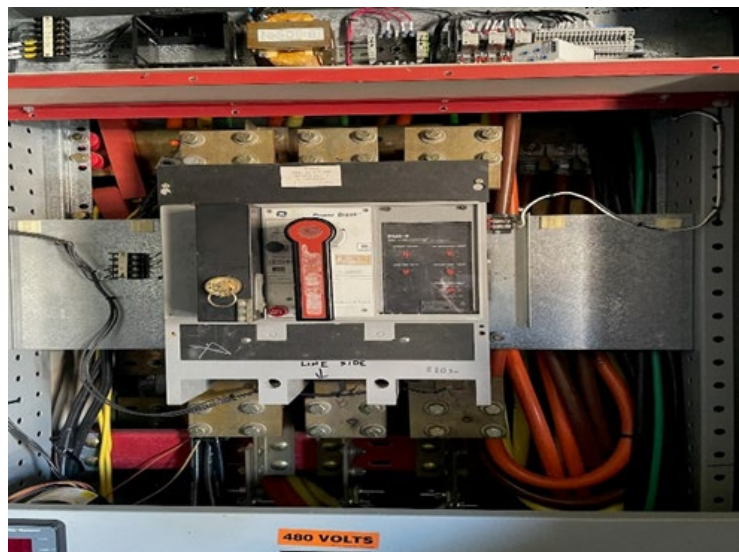
Electrical/Instrumentation: Electrical/Instrumentation staff completed the final repairs and testing for Force Main Pump No. 1 at the Tapia Water Reclamation Facility (Tapia). In conjunction with Mechanical staff at Tapia, final alignment of the pump's new drive belt and sheave were conducted along with tuning the newly replaced variable frequency drive (photo below right).



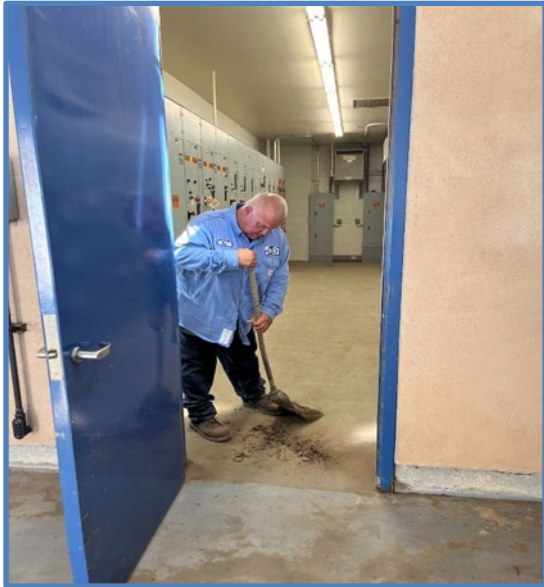
(photo above left) Dario Lopez, Electrical/Instrumentation Technician I, wiring the new motor.

Electrical/Instrumentation staff also worked with Engineering staff and contractors on final proving tests for the Seminole Generator. Electrical/Instrumentation staff also worked on controls for the Station to provide a seamless transfer of power and ensure safety controls still function properly and safely.

(photo right) Switchgear at the Seminole Pump Station.



Electrical/Instrumentation staff also completed preventative maintenance at various locations. (Photo below left) Mark Gomez, Electrician (photographed below), completed preventative maintenance by sweeping accumulated dust and dirt in the electrical room at the Rancho Las Virgenes Composting Facility.



(photo below) A new pass-through plate that is removable to pass through generator cable in preparation for the new automatic transfer switch that will be installed at the Agoura Pump Station.

Electrical/Instrumentation staff were also busy working on the potable water system with the installation of a new digital power meter at the Jed Smith Pump Station. The old power meter had failed and the new meter provides accurate, easy-to-read and efficient measurements during power issues (photo below).



Water Quality Laboratory: The District is currently collecting samples for the State Water Resources Control Board (SWRCB) Division of Drinking Water (DDW) Lead and Copper Rule (LCR). Once every three years, the Water Quality Laboratory, Water Distribution, and Customer Service coordinate with customers to collect samples from taps within their homes. The Laboratory also collects samples from designated

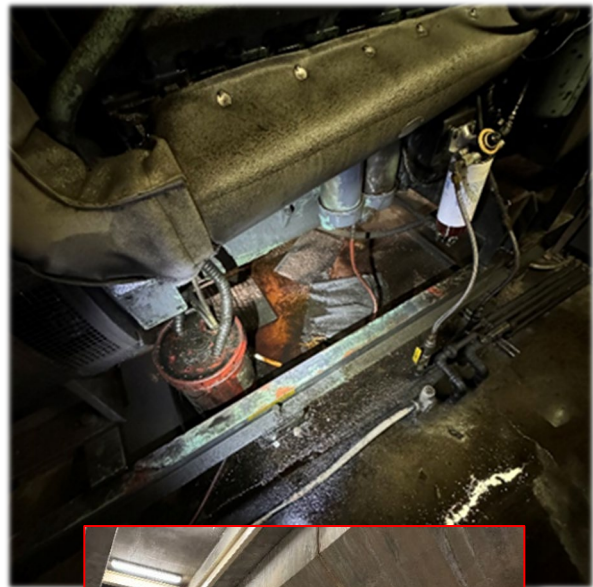
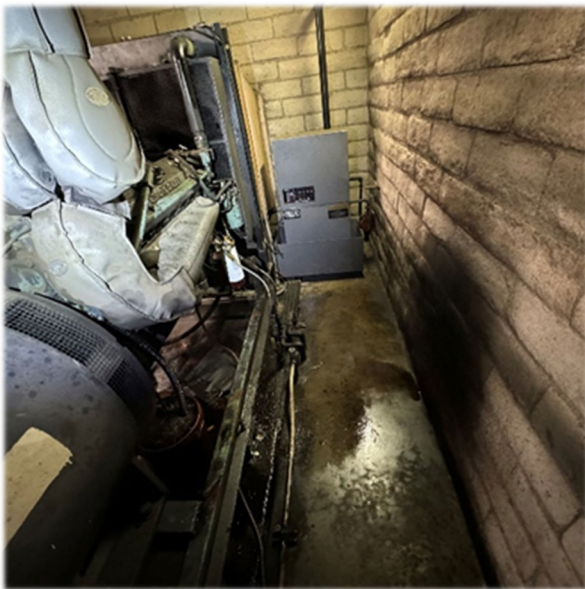
Metropolitan Water District of Southern California (MWD) source entry points and the District's distribution sites. When lead and copper testing is conducted, Water Quality Parameter (WQP) testing is also required at the source sites along with a minimum of seven other sites throughout the Distribution System. WQP testing monitors for temperature, pH, calcium, electrical conductivity, and alkalinity. As this monitoring is only done once every three years, all Laboratory staff participated in field sampling over the course of the two-week sampling period for cross training.

Photographed below: (Left) Javier Ambriz, Laboratory Technician II, cross-trained Roberto Rea, Laboratory Technician II, and Dave Villegas, Laboratory Assistant, on sampling from LV-1, one of the MWD entry points to the Distribution System. (photos below) Dave Villegas, Laboratory Assistant, in front of LV-1. This sampling event was the first time most of the Laboratory staff have seen the source sites of the District. (photo bottom) Samples for lead and copper (LCR) and calcium (WQP) testing require analysis at the District's contracted laboratory, Weck Laboratories.



Tapia Water Reclamation Facility: The air conditioning unit at Lift Station No. 2 was replaced to ensure proper cooling of the variable frequency drive (VFD) cabinets. Properly cooling the VFDs is critical to prevent equipment failures.

On the evening of July 21, 2024, a Southern California Edison (SCE) electrical transformer near the station malfunctioned, causing a power outage. Tapia standby staff promptly responded to the alarm, and upon arrival identified a fuel leak on the emergency generator while it was operational (photos below). Shawn Triplett, Facilities Maintenance Supervisor, was promptly notified. Quinn Company inspected the leak on July 23rd to diagnose the issue. A replacement part was ordered, and Quinn Company will return to perform the necessary repairs upon its arrival. During this incident, Lift Station No. 2 relied on generator power for approximately 2.8 hours while Tapia standby staff monitored its operation.



By July 24, 2024, Electricians completed the electrical connections for Force Main 2 Pump No. 1 (photo right). They also finalized VFD programming and conducted a functional test in collaboration with Operations staff. Maintenance staff will continue to monitor its operation to ensure everything runs smoothly, after which Force Main 2 Pump No. 1 will return to its regular operational schedule.



Rancho Las Virgenes Composting Facility: The biofilter is due for wood chip media replacement. A Request for Proposals (RFP) was posted and closed on July 31, 2024. The biofilter is used as a biological “air scrubber” for odor control. Air from the Reactor Building is blown through the biofilter for microbiological reduction of odors associated with composting activities, such as ammonia, sulfur compounds, and other volatile organic compounds (VOCs).

Biosolids “sludge cake” hauling continues at the Rancho Las Virgenes Company Facility. The composting facility had been facing operational challenges due to aging equipment. The planned shut-down has allowed maintenance inspections, repairs, and general housekeeping to take place in the Reactor Building. This shutdown also coincides with the replacement of the failing front Compost Distribution Conveyor No. 1 in the Reactor Building, and the implementation of a Supervisory Control and Data Acquisition (SCADA) system at Rancho. The Distribution Conveyor has been received and is on-site awaiting installation.

The District’s integrator, RoviSys, is commissioning the new SCADA system in phases for the Rancho Las Virgenes Composting Facility. Planning the SCADA transition during the Reactor and Cure Building shutdowns has allowed for a safer, more streamlined transition between the old Distributed Control System (DCS) to the new SCADA system. A major cutover of the digestors and dewatering will occur in August 2024. During the cutover, there will be no remote operation of the available equipment. Operators have planned and practiced manual operation of critical systems, and Information Technology (IT) staff have set up a network of cameras throughout the facility so that Operators may monitor the gauges from a central location.



Distribution screw conveyor delivery



Monitor displaying eight cameras setup around the plant.



Facilities Maintenance:

Mechanical: Monthly preventive maintenance has been performed at all facilities. Maintenance staff have also completed all conveyor inspections at the Rancho Las Virgenes Composting Facility.

Collections: Collections Systems staff continue to monitor the collections system daily. Staff cleaned the Lift Station No. 1 Wet Well and Bluebird Syphon and performed inspections of various sewer lines throughout the District. Staff also repaired a manhole cover on Calabasas Road.

Facilities: Facilities staff completed all monthly services and inspections. Janitorial monitoring and inspections are ongoing. Staff completed all required fire panel testing and certification throughout the District and completed all fire extinguisher testing and certifications.

Fleet: Staff completed all standard fleet repairs. The monthly fuel system inspection has also been completed, and the Key Management System for the Rancho Las Virgenes Composting Facility has been ordered and will be implemented soon.

### **III. Finance and Administration**

Global IT Systems Outage Response: - Overnight beginning July 18, 2024, there was a global outage of Information Technology systems that affected the District. Information Systems staff quickly responded to this outage and worked to restore servers and business critical applications. Throughout the workday on July 19th, staff continued to restore desktops, laptops, and other workstations that were experiencing a "blue screen" situation. The District's third-party Cloud systems providers were also contacted to ensure business continuity and to reduce the impact on customers as much as possible.

Electronic Document Management System (EDMS): - Information Systems staff has published a Request for Proposals (RFP) seeking proposals from qualified firms to offer Electronic Document Management System (EDMS) Procurement and Implementation Consulting Services. The selected firm will also provide Project Management support for the comprehensive EDMS implementation. The deadline for proposal submission is August 26, 2024.

SCADA:

Rancho Las Virgenes Composting Facility DCS Migration to SCADA: Staff continues to work with The RoviSys Company (RoviSys) on the migration of the District's Distributed

Control System (DCS) to the District's approved standards for a SCADA system at the Rancho Las Virgenes Composting Facility. RoviSys has made significant progress in commissioning the Compost Cure and Compost Reactor Process areas. Commissioning of the digester and dewatering process areas is scheduled for August 2024.

Tapia iGreen System Implementation: In an effort to expand the use of the iGreen Water/Wastewater Data Management system in the District, staff have been working with IOSight to deploy the platform to the Tapia Water Reclamation Facility. The basis of design of the platform was approved, and system configuration is in progress. System testing and acceptance is ongoing. Final delivery of this phase is expected by August 31, 2024.

Fiscal Year-End Reporting: Finance staff began work on closing the year-end reporting for Fiscal Year 2023-24 in preparation for the annual independent audit scheduled to take place in September 2024.

Water and Sanitation Rate Study Requests for Proposal (RFP): In June 2024, Finance staff submitted an RFP for water and sanitation rate study preparation. An RFP review committee consisting of the District's Director of Finance and Administration, Finance Manager, and the Triunfo Water & Sanitation District Finance Director has since reviewed proposals from bidding firms and selected a firm to recommend to the Board. The prospective contract for the selected firm will be brought to the Board for approval and award in August 2024.

Recruitment and Selection Status: The District is currently in the process of filling the positions of Assistant/Associate Engineer, Water Reclamation Plant Operator I/II/III/OIT, and Senior Water Distribution Operator. These recruitments are in various stages of the recruitment process, ranging from the application filing period to the on-boarding stage. Staff welcomed Kyle Vardel, Control Systems Supervisor, and congratulated the following staff on their promotions: Joe McDermott, Assistant General Manager; Eric Schlageter, Director of Engineering and Facilities; Darrell Johnson, Director of Water Operations; and Anthony Throckmorton, Electrical/Instrumentation Supervisor.

Service Awards/Anniversaries: The following employees celebrated anniversaries in July: Reggie Lacson, Water Reclamation Plant Operator III, 20 years; Riki Clark, Public Affairs Associate II, five years; and Ursula Bosson, Customer Service Manager, five years. Staff extends congratulations to Reggie, Riki, and Ursula on reaching these milestones!

Training/Safety: During the month of July, all staff were provided with Diversity, Equity, and Inclusion training in Vector Solutions, and were provided with 30 days to complete

the training. The District changed workers' compensation carriers from ACWA JPIA to Zenith, effective July 1, 2024.

Special Events: July's Lunch and Learn was presented by Karen Norman, Administrative Assistant, on leather carving (photos below).

**LAS VIRGENES  
MUNICIPAL  
WATER DISTRICT**

*Lunch & Learn*

TOPIC: LEATHER CARVING  
PRESENTER: KAREN NORMAN

7/24/24  
11:30AM TO 12PM  
TAPIA CONFERENCE ROOM

BROUGHT TO YOU BY THE EVENTS COMMITTEE





Appeals	Jan	Feb	Mar	Apr	May	June	July	Total
Approved	6	4	5	4	10	6	8	43
Denied	5	7	6	9	6	8	10	51

WaterSmart Sign Ups	Jan	Feb	Mar	Apr	May	June	July	EOY Target
(Cumulative)	6616	6661	6693	6753	6798	6836	6862	8000
% of customers (21,382)	30.9%	31.2%	31.3%	31.6%	31.8%	32.0%	32.1%	37.6%

Budget Compliance	Jan	Feb	Mar	Apr	May	June	July	Running Average	EOY Target (Ave. Monthly)
Customers in Water budget (of 21,382)	16,493	16,345	18,759	20,462	17,415	16,210	19,117	17,829	18,114
%	77.1%	76.4%	87.7%	95.7%	81.4%	75.8%	89.4%	83.4%	85% min
Customers in Inefficient Tier (of 21,382)	3,916	3,868	1,613	1,801	2,263	3,374	2,815	2,807	
%	18.3%	18.1%	7.5%	8.4%	10.6%	15.8%	13.2%	13.1%	10% max
Penalties 2024 ( of 21,382)	935	655	389	305	321	439	349	485	1,045
%	4.4%	3.1%	0.2%	1.4%	1.5%	2.1%	1.6%	2.3%	5% max
Penalties 2020 (of 21,310)	NA	2,104	3,193	648	826	1,207	1,408	2,090	2,090
%		9.9%	15.0%	3.0%	3.9%	5.7%	6.6%	9.8%	NA

Customer Side Leaks	Jan	Feb	Mar	Apr	May	June	July	Running Total	EOY Target
Large Leak Notifications	20	20	20	20	20	20	20	140	240
Estimated Annual Gallons Saved (millions)	4.5	9	12.8	2.1	9	12.4	0.47	39	NA

REW (Reclaimed Effluent Water) Fill Station	Jan	Feb	Mar	Apr	May	June	July
Customer Count (total for month)	0	0	2	6	8	19	53
Gallons Taken (total for month)	0	0	2,094	2,722	5,730	19,762	17,713
Recycled Water Metered Accounts Daily Average (gallons)	153,548	1,203,103	1,744,193	5,324,333	7,798,710	7,918,665	N/A
% Fill Station vs. Metered Accounts	0.0000%	0.0000%	0.0039%	0.0016%	0.0000%	0.0000%	N/A
Potable Water Daily Average Augmentation (gallons)	0	0	221,667	21,967	0	0	N/A

N/A = Not Available

- Lead and copper samples were collected this month from residents. A total of 32 samples have been collected by Customer Service and sent to the laboratory for testing.
- Customer Service staff continue to work on developing report cards to be emailed and mailed to customers twice a year. These report cards will highlight customer usage compared to other water users with similar budgets and rank the customer accordingly.
- Customer Service staff continue to work with Information Systems staff on redesigning customer water bills.
- Ursula Bosson, Customer Service Manager, Travis Garman, Customer Service Operations Supervisor, and the Joe McDermott, Assistant General Manager , visited several vaults in the field in order to formulate a plan to implement much needed repairs and replacements.
- Customer Service staff are working on a program to limit water theft. This program will include working with Resource Conservation and Outreach to educate customers on what water theft looks like and how to report it.
- Customer Service staff attended a virtual Neptune 360 (meter data management) training session.
- Field Operations is still in the process of recruiting for a six-month limited term position.

- Field Operations is in the process of recruiting a Senior Field Operations Technician.
- Customer Service is promoting the yearly InvoiceCloud Sweepstakes to promote increased e-billing and autopay adoptions.
- Ursula Bosson, Customer Service Manager, is partnering with VertexOne, who is creating a case study on how we utilize WaterSmart for conservation and our customers.
- Derek Krauss, Customer Service Office Supervisor, was recognized for the *40 Under Forty 2024* award by the Greater Conejo Valley Chamber of Commerce (photo below).



Legislative:

- Staff held bi-weekly calls with Best Best & Krieger (BBK) and Syrus Devers, the District's lobbyists, to obtain updated information on state and federal legislative activity.
- Staff submitted a letter of support with comments to the Environmental Protection Agency for the Proposed Water System Restructuring Assessment Rule.

- Staff submitted a letter of opposition to the State Committee on Utilities and Energy for SB 1255 (Duranzo), Low-Income Rate Assistance (LIRA) Program.
- Staff submitted the state-mandated quarterly lobbying activity report (April 1 – June 30).
- Staff held discussions with Senator Ben Allen and Senator Henry Stern regarding funding for District Priorities in the Climate Bond (Proposition 4).

Public Affairs and Communications:

- Pure Water Demonstration Facility Tours:
  - 07/10 – SoCal Gas Executive Staff - 9
  - 07/19 – Ventura Water Staff – 13
- Tapia Water Reclamation Facility Tours
  - 07/19 Ventura Water Staff – 13
  - Matterport 360 Walk-Through – 2
- Surveyed Tapia to produce a virtual tour of the facility. The firm is working on a quote.
- Quarterly Wastewater Tour – 07/20
  - A total of 33 people registered for the tour; however, seven canceled prior to the day, mostly due to the heat. A few more were no-shows, and a total of 22 completed the tour
  - Director Charlie Caspary hosted the tour, including a walk-through of Tapia and the Pure Water Demonstration Facility, as well as a drive through of the Rancho Las Virgenes Composting Facility.
- Events
  - 07/04 Westlake Village July Fourth Celebration
- Public Affairs Internship
  - Selected candidate Rachel Krauss; however, she did not accept the position. Therefore, Public Affairs reopened recruitment and is seeking new candidates.

Engineering and Technical Services:

- Technical Services: Continued Capital Improvement Projects (CIP) Inspections
- Technical Services recap:
  - Fire Flow Availability – 14
  - Sewer Only Connections – 4
  - Physical Fire Flows – 4
  - Right-of-Way – 1



- Water and Sewer Connections – 0
  - Tenant Improvements – 6
- 
- Cornell Pump Station Improvement Project: The project consists of replacing the major equipment, instrumentation, and machines including Pump Nos. 1 and 2, the natural gas engine, the electric motor, piping, and valves. A new bypass pipe will be added to allow facility isolation. Other upgrades include electrical, VFD, automation, HVAC, and site improvements. The construction contract was awarded to Pacific Hydrotech Corporation on April 16, 2024. Equipment submittals are currently being reviewed, and mobilization is anticipated to start in August 2024.
  - Rancho Las Virgenes Composting Facility Waste Gas Flare Design Project: Brown and Caldwell submitted a preliminary design report, which is currently circulating for review by District staff.
  - Ingleside Drive Pipeline Relocation: Relocation of the pipeline is needed due to a conflict with the County's retaining wall project. The District will move the water line through the on-call agreement with Toro Enterprises. The County was contacted in February 2023, and they notified the District that they no longer accept relocation within their project boundary. Staff sent an alternate installation proposal to the County, which is under review. A new project manager has been identified, and the project is still undergoing the permitting process.
  - Stationary Emergency Generators for Critical Potable Water Pump Stations: The Board awarded the construction contract on February 1, 2022. inspections and Hazard Mitigation Grant Program closeout are ongoing.
  - Twin Lakes Pump Station Pipeline Project: District is working on a new suction pipeline for the Twin Lakes Pump Station to supplement demand for the Twin Lakes Water Subsystem. The District is currently working with design consultant Kennedy/Jenks on finalizing the design, and with Hamner-Jewell on acquiring easements with multiple private and public property owners. The project was authorized by the Board on November 21, 2023 for public bidding and will be advertised once all easements and agreements are finalized.
  - Lift Station No.1 Rehabilitation: The design kick-off meeting was held on November 7, 2023. Preliminary design tasks, such as 3D scanning and wet-well assessment, have been completed, and design is underway.

- Malibou Lake Siphon Replacement Project: The construction contract was awarded to Mladen Buntich Construction Company at the February 5, 2024 JPA Board Meeting. Construction began in March 2024, and construction is anticipated to be completed in December 2024.

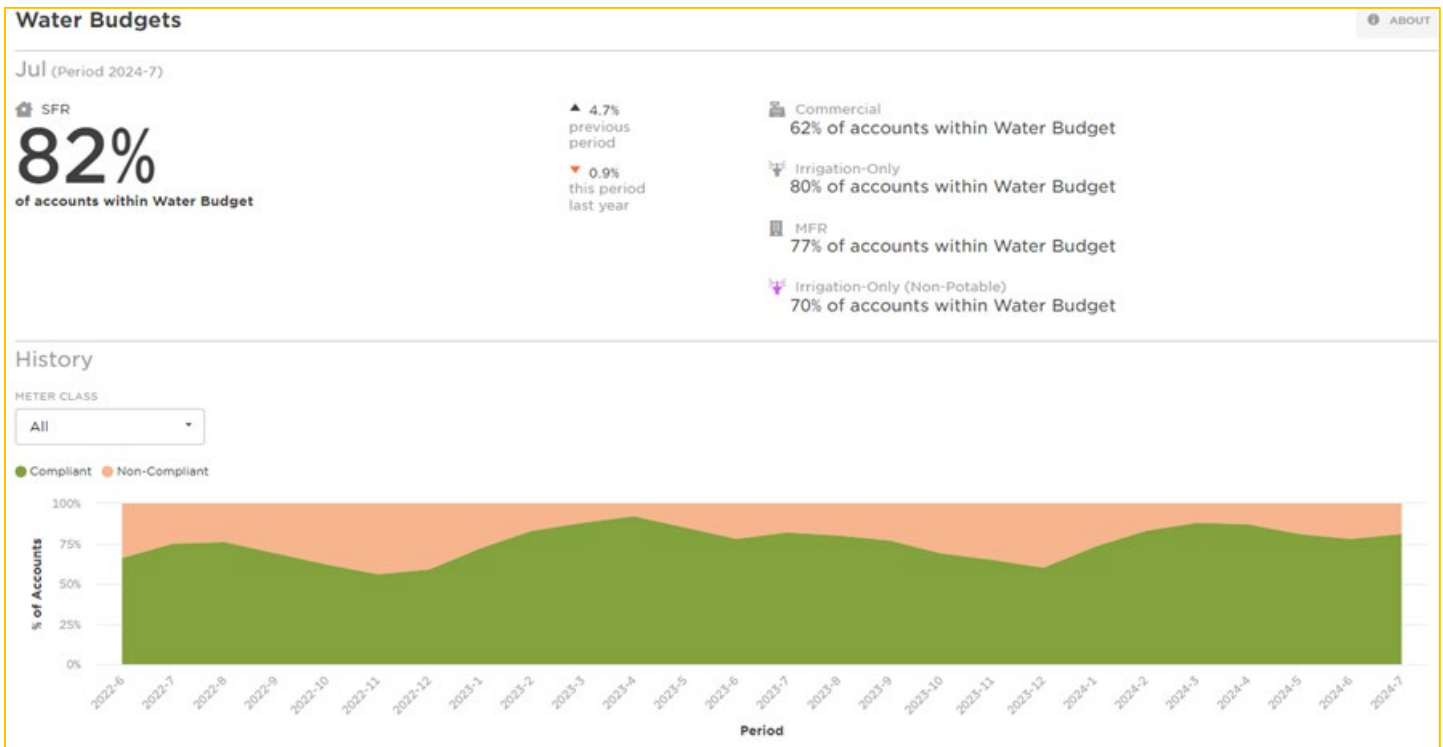


(photo left) The new 24-inch and 12-inch high-density polyethylene pipe has been installed along the bottom of Medera Creek and is being prepared for concrete encasement.

- Tapia Water Reclamation Facility Secondary Clarifier Rehabilitation: District staff have finalized and accepted a condition assessment report as of March 5, 2024. Design is currently underway.
- Title 22 Engineering Report and Antidegradation Analysis: Staff submitted the Title 22 Engineering Report and Antidegradation Analysis to the Regional Water Quality Control Board (Regional Board) in November 2022, comments were received from the Regional Board. Staff are awaiting comments on the antidegradation analysis from the Department of Drinking Water (DDW). Staff conducted a tour of the Tapia Water Reclamation Facility (Tapia) with DDW staff to verify the report. Staff confirmed that there is no tracer study for the Chlorine Contact Basin at Tapia with DDW staff. Staff are completing the antidegradation analysis revisions and scheduling a meeting with Steven Webb from the Regional Board to discuss responses. Staff is moving forward with the dual plumbed property analysis and adding a scope for general order at Tapia to Larry Walker Associate's scope of work. The scope change is in progress.
- Tapia Aluminum Sulfate Tank Replacement Project: A call for bids was scheduled with the JPA Board on August 5, 2024.

- LV-2 Pump Station Variable Frequency Drive (VFD) Upgrade Project: The VFDs are currently being fabricated and anticipated to be shipped in August 2024. Construction is anticipated to be completed by October 2024.
- Jed Smith Tank 1, McCoy, and Calabasas Tank Rehabilitation: Cannon was awarded the project at the November 21, 2023 Board Meeting. Project kickoff was held January 16, 2024, and design is ongoing. The 90 percent design is expected to be reviewed in August 2024.
- Rancho Screw Conveyor No. 2 Replacement: Work is expected to begin August 2024, upon delivery of the custom manufactured screw and trough.
- Westlake Dam Road Repairs: The construction contract was awarded to MD Engineering on May 21, 2024, and work is anticipated to begin September 2024.
- Potable Water Main Relocation at Lindero Canyon Road and Agoura Road: Recommendation for award was accepted by the Board for DRP Engineering, Inc., on April 2, 2024. Preliminary field investigations began in July 2024, and design is ongoing.
- Calabasas Recycled Water Pipeline Improvement Project – Park Entrada: Board of Directors awarded a construction contract to Dominguez General Engineering Inc. in the amount of \$1,537,900, to replace a large section of this pipeline. Construction is anticipated to start in September 2024 and will be completed by January 2025. Work will take place during daytime hours on weekdays only, excluding holidays, between 8 a.m. and 5 p.m. The new pipeline will consist of 8 to 10-inch diameter PVC plastic and will extend a total length of 3,080 linear feet, primarily within Park Entrada between Palermo Drive and Parkway Calabasas in the City of Calabasas.





Resource Conservation:

- A total of 82 percent of single-family residences were within their Water Budget for July 2024, which is an increase from June 2024 (78 percent).
- Cumulative savings associated with leak alerts are estimated based on continuous consumption in WaterSmart. For July 2024, the leak notifications sent to customers resulted in an estimated 12,858 hundred cubic feet (HCF) of water savings based on a total leak detected volume of 31,064 HCF.
- Resource Conservation wrapped up its Rain Barrel Program in partnership with Smith Pipe & Supply. During the program, 125 customers redeemed vouchers for discounted rain barrels (50/50 District cost share). Resource Conservation executed a contract with WaterWise Consulting, Inc., to implement the revised Irrigation Efficiency Retrofit Program. A kickoff meeting was held on July 23rd. WaterWise Consulting will take a few weeks to get caught up on the pilot program waitlist before the program is announced broadly.
- Resource Conservation Intern, Emma Nguyen, worked with fellow staff to select the recipients of the July Water Warriors Customer Appreciation Awards. The

program aims to acknowledge and reward customers who have worked hard to reduce their daily usage through water efficient best practices.



(photo left) Sharada and Marc, recipients of the WISE (Water-Conscious Individual Stewardship and Excellence) Award. (photo above) Home of Debra and Kieran, recipients of the Greenovation Landscape Transformation Award.

- Craig Jones, Resource Conservation Manager, and Cindy Chau, Management Analyst, continue to work closely with West Basin Municipal Water District (West Basin) and Waterworks District 29 to finalize a three-way Memorandum of Understanding (MOU) for the Drought Resiliency Water Conservation Program (DRWCP) associated with the Integrated Regional Water Management (IRWM) Proposition 1 Round 2 grant. A finalized draft has been circulated to partner agencies for final review before the MOU is presented to the Board for approval. West Basin has approved the MOU, and staff are currently waiting for Waterworks District 29 to approve the MOU. The DRWCP project manager has also been selected and notified.
- Cindy Chau, Management Analyst, prepared the second quarterly progress report and invoicing to the Los Angeles County Flood Control District (LACFCD) as required by IRWM Proposition 1 Round 2 guidelines. Due to delays in receiving progress reports from West Basin and Waterworks District 29, the report will be delayed. Staff have already notified LACFCD and received an extension.

- Resource Conservation staff continue to work with the National Wildlife Federation (NWF) to deploy and monitor motion-activated trail cameras on District property. Images captured help inform land management decisions and improve habitat connectivity. A number of mountain lions were photographed (photos below) in July at various District facilities, including at the Las Virgenes Reservoir and at the sprayfields.



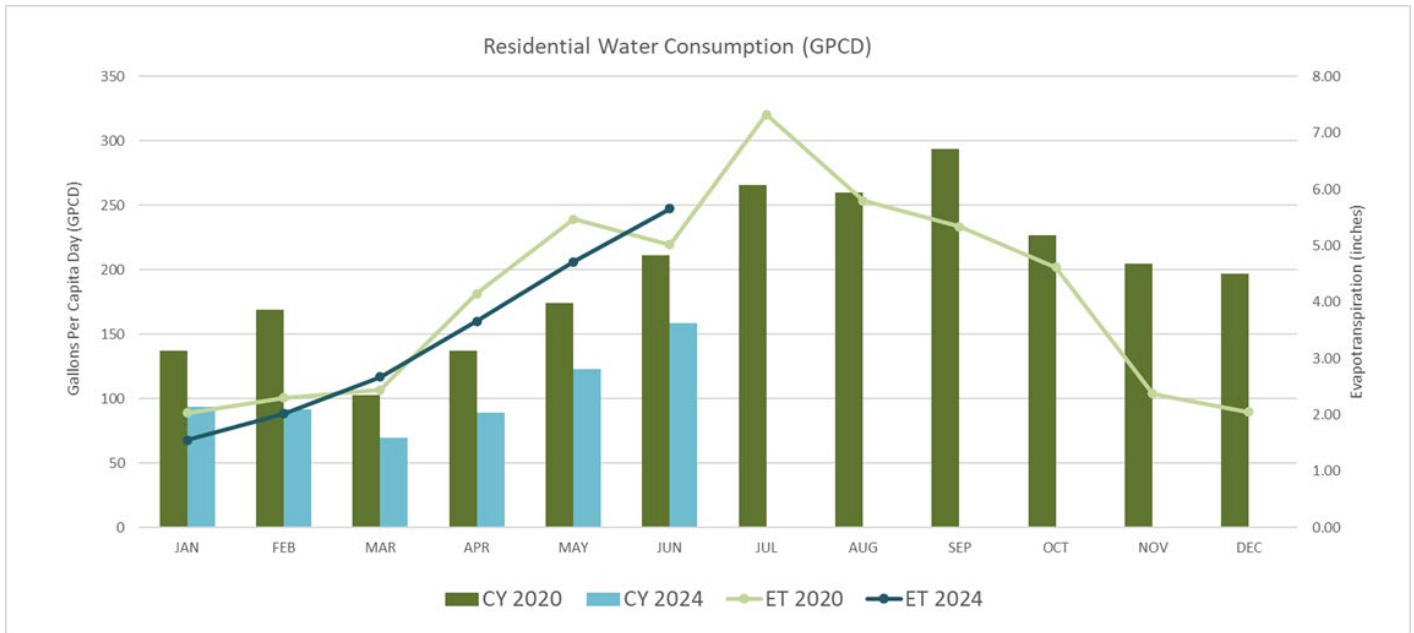
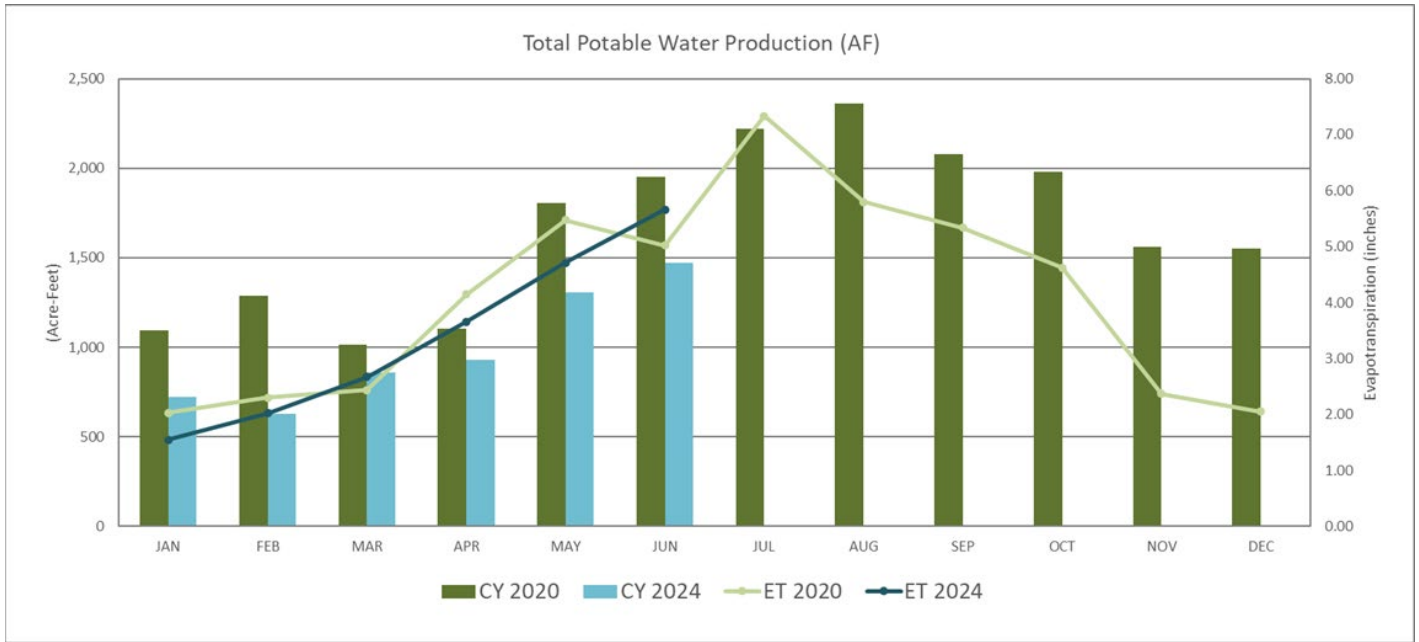
- Resource Conservation staff met with executive staff from Flume Data Labs (Flume) on July 25th. Flume is a contractor working with the California Department of Water Resources to quantify the benefits and impacts associated with the 2030 indoor residential water standard proposed by SB 1157.
- Resource Conservation staff and West Yost held a monthly grants check-in meeting to provide updates on current grant opportunities. Staff and West Yost continue to encourage any District departments to submit a grant intake form for any future projects to determine grant funding opportunities.
- Craig Jones, Resource Conservation Manager, and Cindy Chau, Management Analyst, continue to work closely with staff, OceanWell, Gray Ink, and West Yost to complete a feasibility study required for a grant application for a U. S. Bureau of Reclamation desalination grant.
- Resource Conservation staff attended the MWD Water Use Efficiency meeting on July 18, 2024.
- Alexa Hendricks, Resource Conservation Supervisor, and Emma Nguyen, Intern, sheet mulched the terraced planter beds at the Rancho Las Virgenes Compositing Facility in front of the Operations Building to prepare for the planting of a California Native Garden in the fall.

Rachio Update:

- In June 2024, a total of 49 Rachio controllers were installed professionally. In addition to the professional installation, the District offers customers a free return visit from Valley Soil, the installation contractor, to extend the District's commitment to providing customers with the support to maintain "outdoor watering" best practices.
- The District's contract with Valley Soil ended on June 30, 2024. The weather-based irrigation control has now been integrated into the Irrigation Efficiency Retrofit Program.

Water Production/Conservation through June 2024 (July metrics not yet available):

District customers used 24 percent less potable water and 25 percent less recycled water compared to June 2020 (graphs next page).





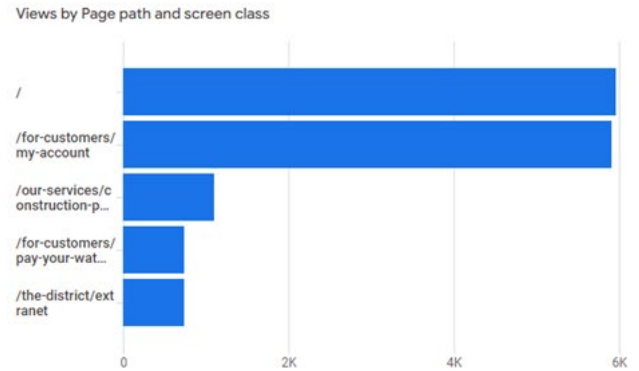
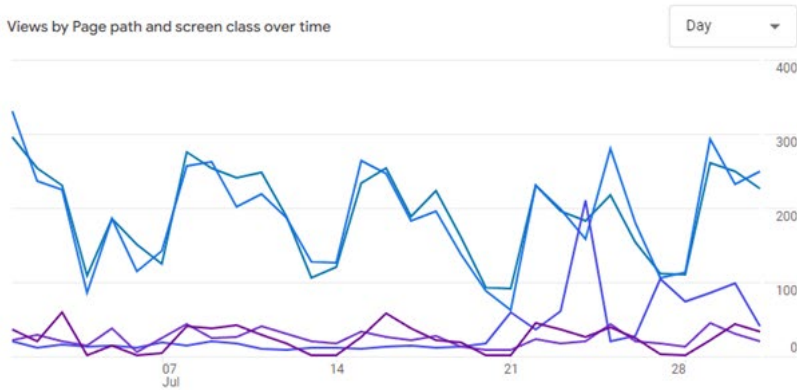
Conservation reduction (-) from 2020	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Running Average	EOY Target (Monthly Average)
Potable Conservation	-34%	-51%	-15%	-16%	-28%	-24%							-28%	-20%
Recycle Conservation	-56%	-85%	-45%	-19%	-26%	-25%							-43%	-20%
ET 2024 VS. 2020	-24%	-12%	9%	-12%	-14%	13%							NA	NA
<i>ET Adjusted Potable Water Conservation Effort (2024 v. 2020)</i>	-13%	-44%	-23%	-5%	-16%	-33%							-22%	NA
<i>ET Adjusted Recycle Water Conservation Effort (2024 v. 2020)</i>	-42%	-83%	-50%	-8%	-14%	-34%							-39%	NA

Landscape Transformation Program	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Running Total	EOY Target
# Landscape Participants	1	2	6	6	4	5							24	200
# Gardening Workshops	0	1	2	0	0	0							3	4
# Rachio WBICs Installed	21	4	3	24	60	49							161	500
# Irrigation Retrofit Sign-Ups	83	24	2	4	0	2							115	NA
# Irrigation Retrofit Installs	10	12	40	18	0	0							80	NA

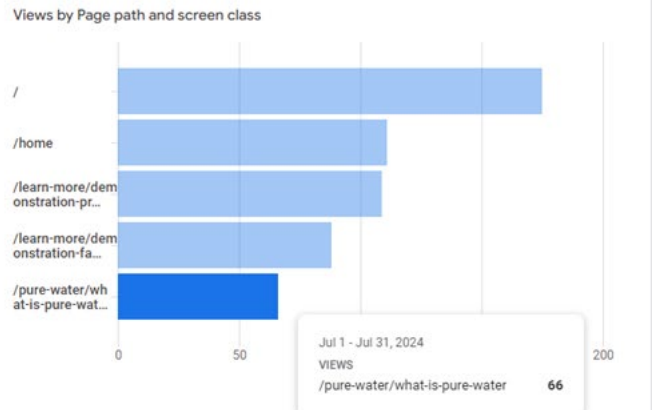
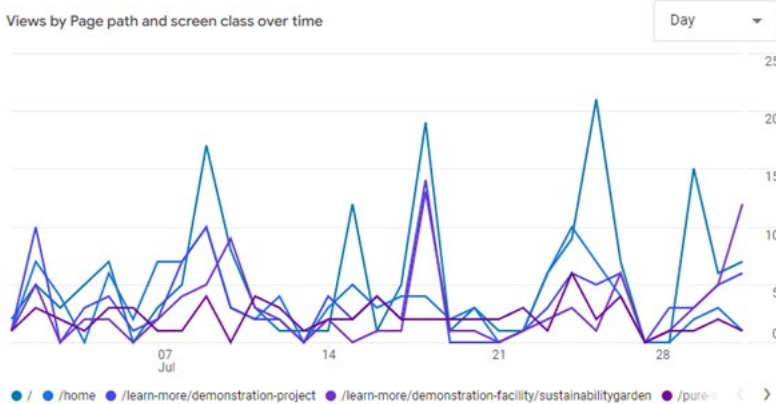
Digital Outreach Summary: July presented the District’s communications team with the opportunity to use digital platforms to raise awareness surrounding the release of the 2023 Consumer Confidence Report/Water Quality Report, as well as lean into content to recognize Smart Irrigation Month.

Top Pages/Acquisition and Behavior Analytics: (next pg.)

LVMWD.com:



OurPureH2O.com:



A total of 92 updates were made to the website in July. The Pure Water Demonstration Facility pages and the LVMWD Advanced Meter Pages are seeing excellent traffic. Analytics continue to show customers use the website mostly to pay their bill. OurPureH2O.com will be a priority in August as staff updates content with information provided by the Design-Build team and adds the second season of the Full Circle Podcast.

Social Media Metrics Top Performer: July's top performer was the July 25th post in honor of National Intern Day. This post performed well across all platforms, and especially well on LinkedIn with 663 views. (photo and analytics next page)

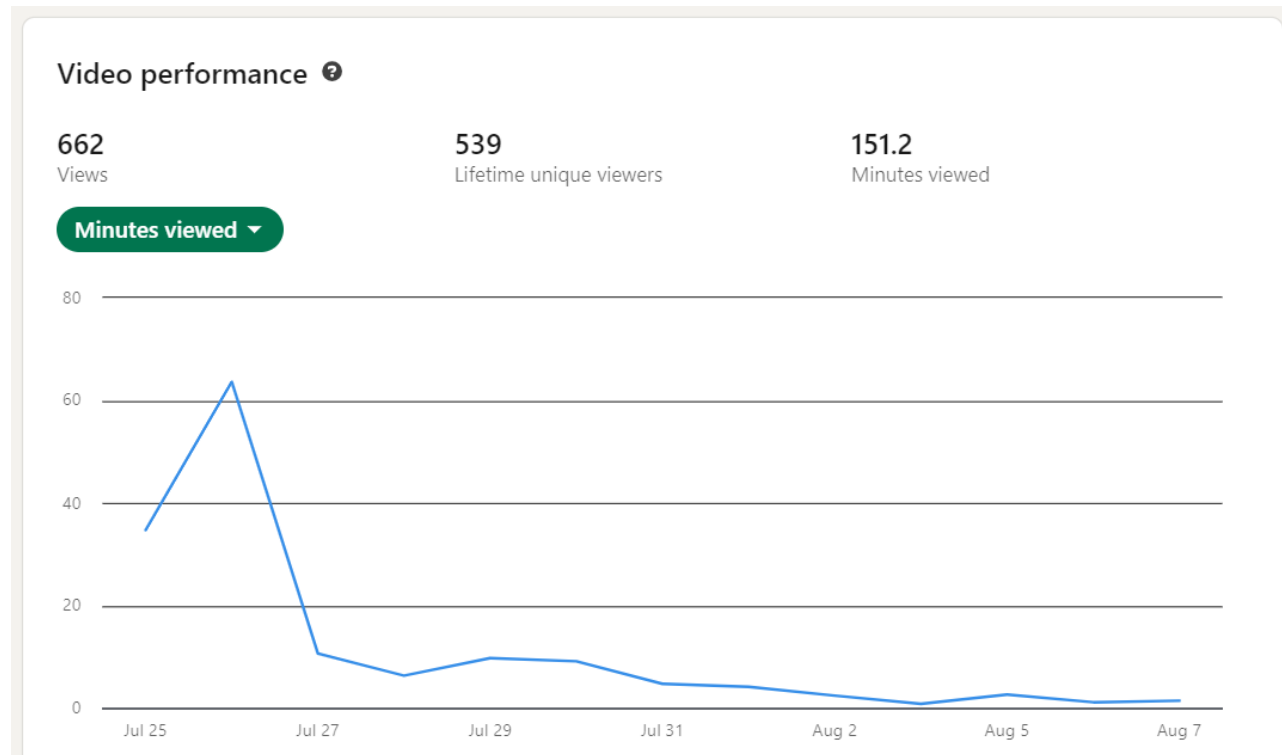
**Las Virgenes Municipal Water District**  
1,118 followers  
1w • Edited •

Its **#NationalInternDay** and here at LVMWD we love the energy, fresh ideas and incredible enthusiasm our interns have brought to our team. Helping emerging leaders find the opportunities available in water, from public affairs to engineering to working in the water quality lab, ensures that the next generation of water pros are already in the mix and ready to contribute when they enter the workforce and start building their career. More info on available opportunities here: <https://lnkd.in/gGEFFwXT>

#workinwater #CAWaterPros

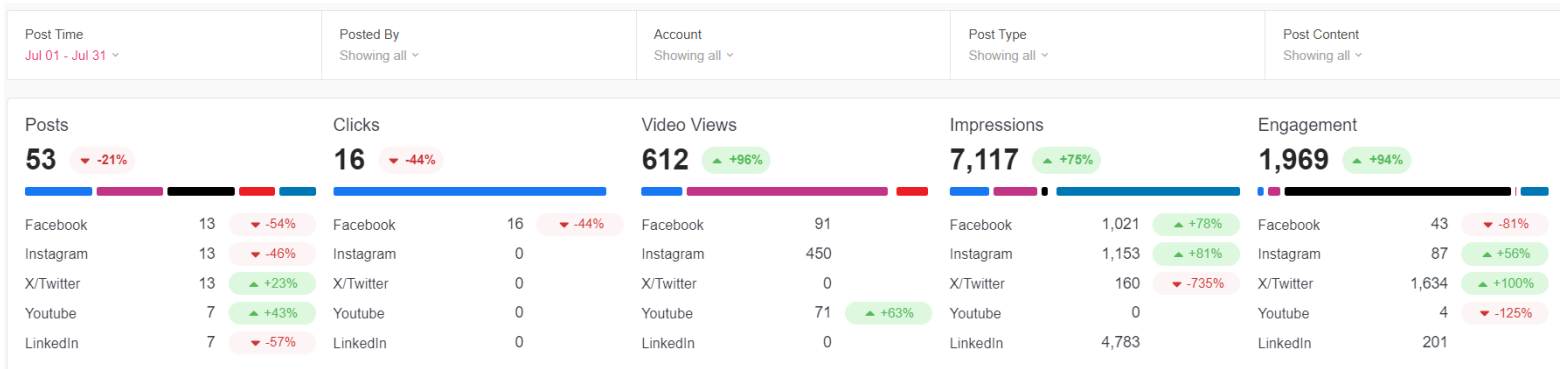


Embrace the opportunity to make this experience your own!



Social Media Analytics: Public Affairs staff has recently contracted with SocialNewsDesk for social media management, listening, and reporting.

Social Media Metrics:



Analysis: In July we saw good performance on LinkedIn, but we have seen Twitter/X impressions decrease despite an increase in posts. LinkedIn is an important part of the District’s digital outreach but tends to not be customer focused as almost 40 percent of our followers on LinkedIn are from outside the Los Angeles Metropolitan Area. LinkedIn is critical to our recruiting outreach, as well as continuing to promote the District as a leader in California Water.

**V. Upcoming Meetings and Events**

- Thursday, August 8th – JPA Special Meeting/Workshop 9 a.m. – 11 a.m. @ LVMWD
- Friday, August 9th – ACWA State Legislative Committee Meeting
- Tuesday, August 13th – ACWA Region 9 Event - *Building the Future: Water Workforce Development Solutions*, Temecula
- Thursday, August 15th – Santa Monica Bay Restoration Commission Governing Board Meeting
- Friday, August 16th – Heal the Bay ONE Water Day Event
- Monday, August 19th – LVMWD Special Board Meeting
- ~~Tuesday, August 20th – LVMWD Regular Board Meeting – Canceled~~
- Tuesday, August 20th – ACWA Webinar – *From Policy to Practice: Understanding the Making Conservation a California Way of Life*
- Wednesday, August 21st – ACWA Region 8 Program, Pasadena 1:30 p.m. – 6 p.m.

- Wednesday – Friday, August 21st – 23rd – Urban Water Institute Annual Conference, San Diego
- Thursday, August 22nd – Calabasas Mayor Luncheon
- Monday, September 2nd – Labor Day Holiday – District Offices Closed
- Tuesday, September 3rd – LVMWD Regular Board Meeting
- Tuesday, September 3rd – JPA Regular Board Meeting @ LVMWD
- Monday – Thursday – September 9th – 12th – CSDA Annual Conference, Indian Wells
- Sunday – Tuesday – September 15th – 17th – WaterReuse California Conference, Garden Grove
- ~~Tuesday, September 17th – LVMWD Regular Board Meeting - Canceled~~
- Thursday, September 19th – AWAVC Elected Officials Reception, Reagan Library