



AGENDA

REGULAR STUDY SESSION November 17, 2021 9:00 AM

DIRECTORS PRESENT: Burke ☐ Edmondson ☐ Morris ☐ Ryan ☐ Williams ☐

PUBLIC COMMENTS

Members of the public may make comments in-person, virtually, or submit a Public Comment Request Form located at <https://www.evmwd.com/evmwd-publiccomment>, prior to the close of Public Comments. Please note, individuals have a limit of three (3) minutes to make comments and will have the opportunity when called upon by the presiding officer.

DISCUSSION ITEMS

1. Elsinore Valley Subbasin Groundwater Sustainability Plan
2. Emerging Constituents and Regulatory Update
3. Project Updates/Change Orders
4. Board Committee Updates
5. Other
6. Adjournment

In the interest of public health and safety, this meeting will be conducted in accordance with provisions of the Brown Act and Assembly Bill 361. Participants who would like to join this meeting remotely can do so in one of the following ways:

For Online Participation:

Go to: www.zoom.us
Select Join a Meeting
Enter Meeting ID: 849 8914 9099
Meeting Password: 92530

For Call-in Only:

Call: (720) 707 2699
Enter Meeting ID: 849 8914 9099
Meeting Password: 92530

To request a disability-related modification or accommodation regarding agendas or attendance, contact Terese Quintanar, at (951)674-3146, extension 8223 at least 48 hours before the meeting.



STUDY SESSION
DISCUSSION OUTLINE

Date: November 17, 2021

Originator: Parag Kalaria- Water Resources

Subject: **ELSINORE VALLEY SUBBASIN GROUNDWATER SUSTAINABILITY PLAN**

BACKGROUND AND RECOMMENDATION

The Elsinore Valley Municipal Water District (EVMWD) relies on local groundwater basins for a significant source of its water supply. Recognizing the importance of groundwater to many communities throughout the state and significant overdraft of these groundwater basins, the state legislature enacted the Sustainable Groundwater Management Act of 2014 (SGMA). SGMA requires local water agencies to implement new groundwater management tools not previously adopted for the purpose of achieving sustainable groundwater use.

EVMWD filed a Notice of Election to become the Elsinore Valley Groundwater Sustainability Agency (EVGSA) for the Elsinore Valley Sub-basin (8-004.01) and its GSA status is “Exclusive” for all those portions of the Basin within the EVMWD service area and not inside the adjudicated area of the Temecula Valley. No interagency coordination agreements are needed as this is a single-agency GSA. This EVGSA sub basin 8-004.1 includes the Elsinore Valley, Warm Springs, and Lee Lake Sub-basins.

The EVGSA is responsible for developing and implementing a Groundwater Sustainability Plan (GSP) to meet the sustainability goal of the basin to ensure that it is operated within its sustainable yield, without causing undesirable results. It should be noted that EVMWD has always adopted a pro-active approach towards groundwater management and adopted a groundwater management plan pursuant to AB 3030 in 2005. As such, some of the components identified by SGMA such as establishing safe yield targets for basin management have already been implemented by EVMWD.

In December 2018, EVMWD signed a Grant Agreement with Department of Water Resources (DWR) and received a grant in the amount of \$1,000,000 to prepare a GSP for the Elsinore Valley Sub-basin (8-004.01) with a local match of \$1,060,285.

On June 27th, 2019, EVMWD entered into a Professional Services Agreement with Carollo Engineers, Inc for the preparation of the Elsinore Valley Subbasin Groundwater Sustainability Plan (GSP) Development.

Staff provided an update on the GSP progress and presented an overview of the key components and recommendations of the draft GSP at a Water Planning Committee meeting on May 17th, 2021 and Study Session on June 30th 2021.

Staff released the draft plan for 90-day Public Review on July 7th. On October 11th the Public review process ended and staff received comments from two agencies: Union of Concerned Scientists and California Department of Fish and Wildlife. Staff has responded to all the comments.

Staff plans to present this item for Board consideration for the adoption and approval of the Elsinore Valley GSP at the December 16, 2021 Board of Directors Meeting.

A public hearing will be held on December 16th for Board Adoption of the Elsinore Valley Subbasin GSP.

ENVIRONMENTAL WORK STATUS

This item does not constitute a project under CEQA.

FISCAL IMPACT

Within Budget – Yes. The District entered into a grant agreement with the State of California, Department of Water Resources on 12/17/18 to receive grant funding in the amount of \$1,000,000. This agreement requires the District to provide matching funds in the amount of \$1,060,285 which includes costs of feasibility studies and reports that were previously completed in addition to EVMWD's staff time contributions to complete the GSP by January 31, 2022.

Elsinore Valley Subbasin Groundwater Sustainability Plan

Study Session
November 17, 2021

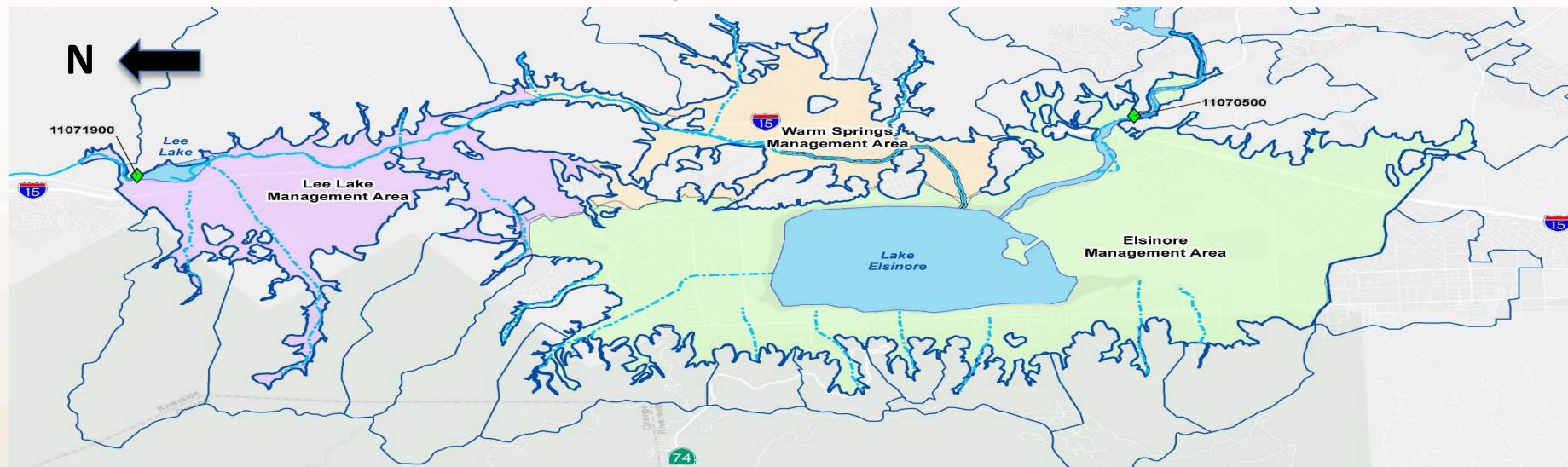


Meeting Agenda

- Project Schedule
- Comments Received
- Next Steps

Elsinore Valley GSP Schedule

- Stakeholder meetings held:
 - Nov 2019, Sep 2020, Jul 2021
- Public draft released for 90-day review: July 2021
- Comment period closed: October 2021
- Board approval: December 16, 2021
- GSP due to DWR: January 31, 2022



Comments Received on Draft GSP

- Two comment letters received:
 - California Department of Fish and Wildlife
 - Groundwater Leadership Forum
 - The Nature Conservancy
 - Audubon California
 - Local Government Commission
 - Union of Concerned Scientists
 - Clean Water Action/Clean Water Fund

Fish and Wildlife Letter

- Concerns on the following topics:
 - Groundwater Dependent Ecosystems (GDE)
 - Interconnected Surface Water (ISW)

Groundwater Leadership Forum Letter

- Concerns on the following topics:
 - Human right to water considerations
 - Public trust resources
 - Impacts of Minimum Thresholds regarding Project & Management Actions on beneficial uses and users
 - Climate change
 - Data gaps

Changes to GSP based on Comments

- Additional text on Disadvantaged Communities (DACs)
- Clarification of data gaps
- Mapping of ISWs
- Conduct vegetation monitoring during dry years
- Siting study to determine if shallow monitoring wells in ISW can be installed

Next Steps

- Board Public Hearing and Board Adoption: December 16, 2021
- Submit GSP to DWR before January 31, 2022
- First annual report due to DWR: April 1, 2022

QUESTIONS?





Date: November 17, 2021
Originator: Parag Kalaria- Water Resources
Subject: EMERGING CONSTITUENTS AND REGULATORY UPDATE

BACKGROUND AND RECOMMENDATION

The water/wastewater regulatory landscape continues to evolve and there is considerable activity in areas of direct interest to EVMWD. These include near-term (Revised Lead and Copper Rule) as well as long-term issues (UCMR-5). Specific areas of interest to EVMWD include revisions to the Total Coliform Rule, CCRs, testing and laboratory regulations, PFAS, direct potable reuse, emerging constituents, and cyanotoxins. Staff continues to be actively engaged in these discussions and are reviewing and providing comments on these issues to ensure that EVMWD's interests are protected. Staff will provide an overview update on emerging constituents and regulations as well as the State and Federal regulatory process for approving a MCL at the meeting.

ENVIRONMENTAL WORK STATUS

Not applicable.

FISCAL IMPACT

None.

General Regulatory Process for Maximum Contaminant Level (MCL)

Board Study Session
11/17/2021



Emerging Constituent and Regulatory Updates

PFAS:

- STATE: Draft Public Health Goals (PHGs) for PFOA and PFOS proposed by OEHHA.
- USGS & SWRCB GAMA Program: PFAS included in 2019.
- FEDERAL: EPA process to develop PFOA/S MCLGs and MCLs in progress.
- Perfluorobutyrate (PFBA) Integrated Risk Information System (IRIS) Health Risk Assessment (HRA)
- Future IRIS HRA's expected for:
 - Perfluorohexanoic acid [PFHxA], Perfluorohexane sulfonate [PFHxS], Perfluorononanoic acid [PFNA], Perfluorodecanoic acid [PFDA].

CCL-5 (Federal): Draft list includes 66 individual chemicals, 12 microbes, and 3 chemical groups

UCMR-5 (Federal): PFAS (29 Compounds) and Lithium. Monitoring Period 2023-2025

Revised Lead and Copper Rule (Federal): Release expected around Dec-2021.

Revised Total Coliform Rule (State): rTCR is in effect as of Jul-1, 2021.

CyanoToxins (State): May-2021: OEHHA Recommended drinking water NLs for Four Cyanotoxins.

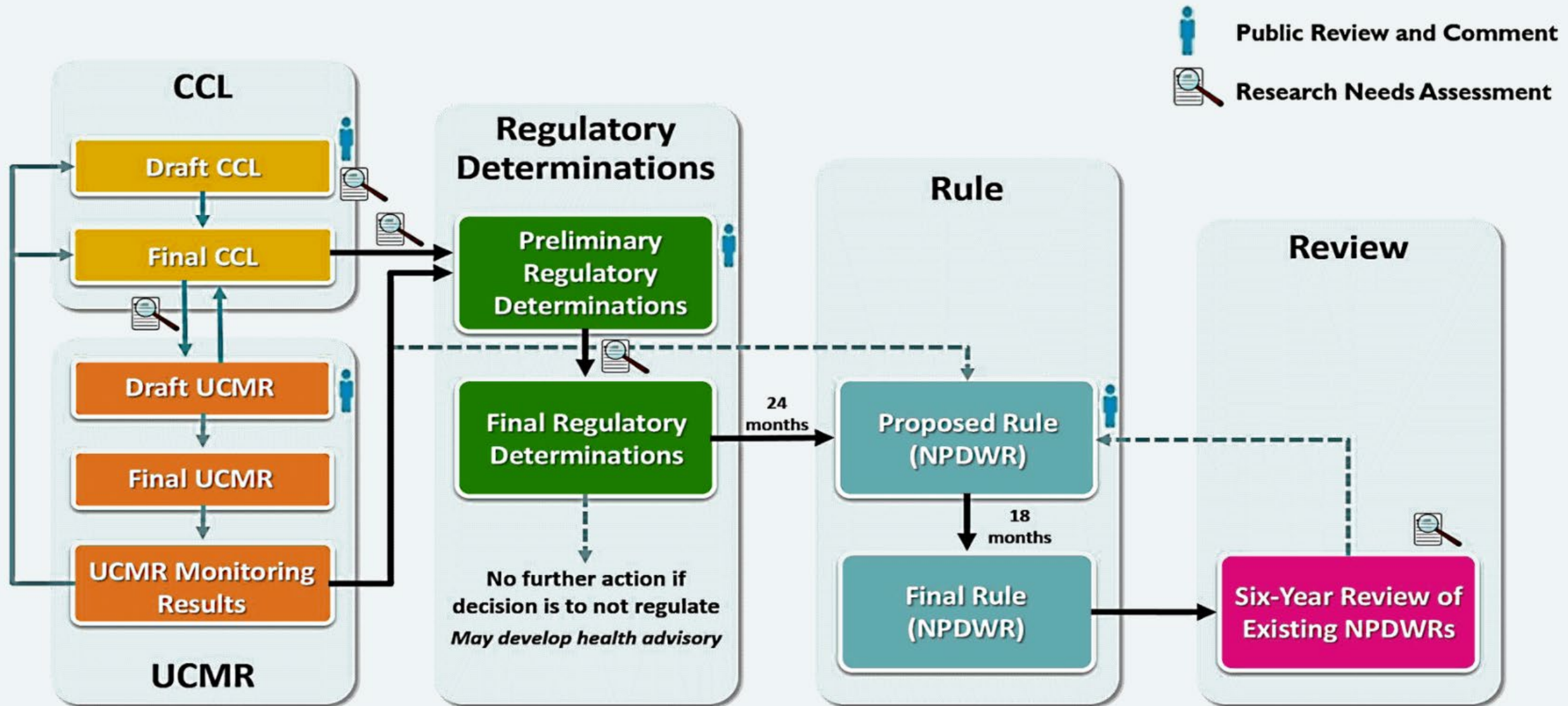
Perchlorate (State): Regulations approved to lower Detection Level (DLR).



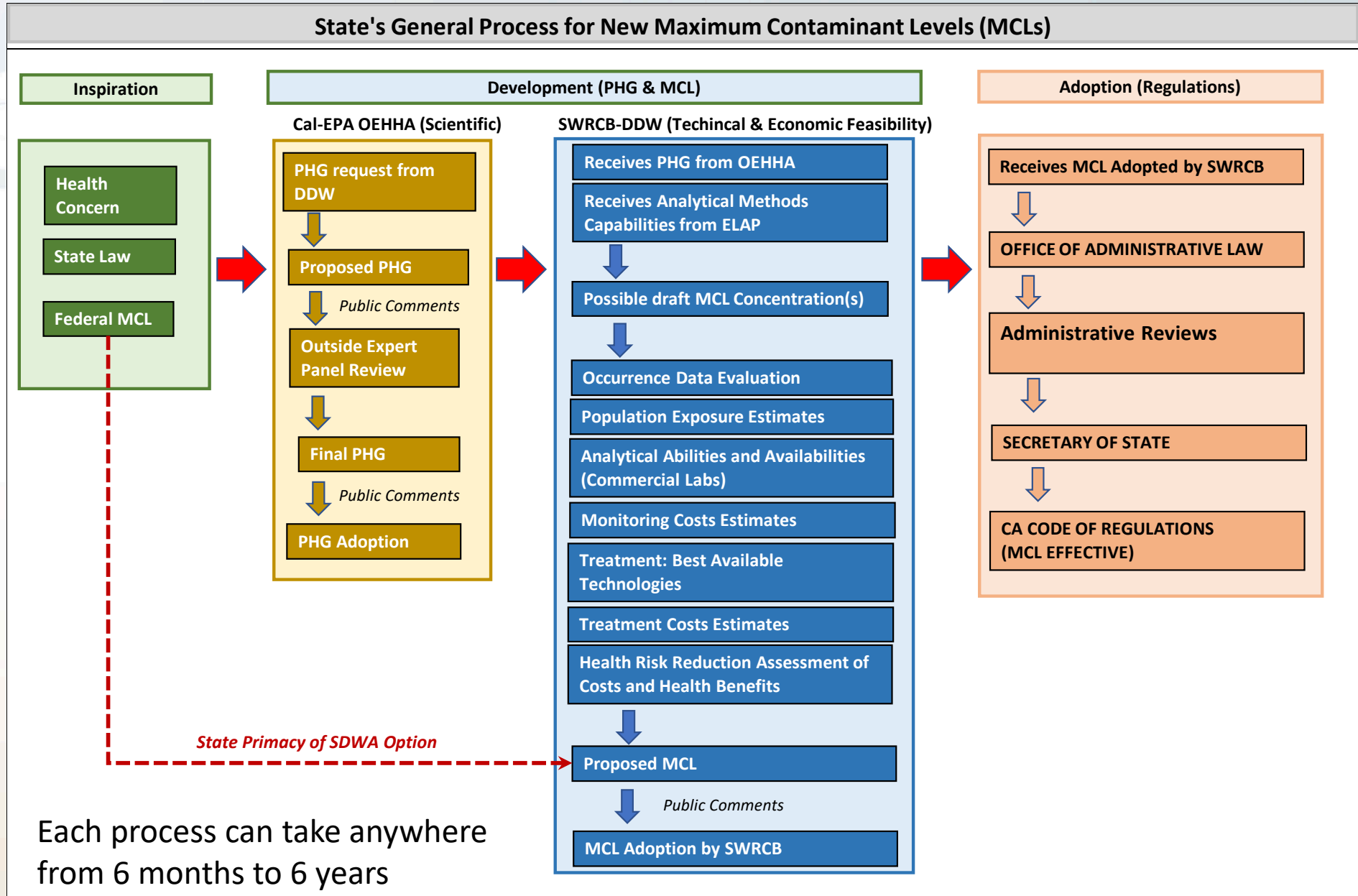
Emerging Constituent and Regulatory Updates

- **Hexavalent Chromium:** New draft MCL expected in 2021
- **Microplastics:** Standard Testing Methodology expected in 2021 (SB1422)
- **Cross-Connection Control:** Release of CCC Policy Handbook 2nd Draft awaited. Public Comment Period will follow.
- **Direct Potable Reuse:** Addendum to Framework for Regulating DPR in CA
- **Lab Regulations:** New Quality Standards took effective in Jan-2021. NELAC/TNI Compliance required by 2023.
- **CCR Rule Revision:** National Drinking Water Advisory Council (NDWAC) Committee Working Group Meetings held in August 2021. Recommendations for consideration by the full NDWAC, which will then provide its recommendations to EPA.

Federal:



State:



An aerial photograph of a residential community, likely a golf course community, featuring a large lake, numerous houses with red-tiled roofs, and a clubhouse. The background shows rolling hills and mountains under a clear sky. A large, stylized graphic of a water drop or wave is overlaid on the top half of the image.

THANK YOU



Emerging Constituent and Regulatory Updates

PFAS:

- STATE: Draft Public Health Goals (PHGs) for PFOA and PFOS proposed by OEHHA. 1st comment period ends 9/28/21 – ACWA PFAS Workgroup Draft Comments. 2nd comment period before final PHG to be announced.
- USGS & SWRCB GAMA Program: PFAS included in 2019.
 - May-2019 to Sep-2020: 104 Public-Supply Wells and 104 domestic Wells tested in CA. 23% Detection rate for 1 or more PFAS chemical (Detection Range: 1 – 70 ppt; 35% >10 ppt)
 - Oct-2020 to Sep-2021: Planned Testing for 130 PS Wells and 120 Domestic Wells.
- FEDERAL: EPA process to develop PFOA/S MCLGs and MCLs in progress. Draft MCLGs and MCLs expected around Spring 2023 and Final around Fall 2024.
 - Perfluorobutyrate (PFBA) Integrated Risk Information System (IRIS) Health Risk Assessment (HRA): 8/23/21 - EPA released the draft IRIS HRA for PFBA for a 60-day public comment period.
 - Future IRIS HRA's expected for: Perfluorohexanoic acid [PFHxA], Perfluorohexane sulfonate [PFHxS], Perfluorononanoic acid [PFNA], Perfluorodecanoic acid [PFDA].
 - EPA added treatment information for 11 PFAS compounds to their Drinking Water Treatability Database.

Emerging Constituent and Regulatory Updates

- **CCL-5 (Federal):** Draft list includes 66 individual chemicals, 12 microbes, and 3 chemical groups – per- and polyfluoroalkyl substances (PFAS), cyanotoxins, and disinfection byproducts (DBPs). EPA - SAP (Science Advisory Panel) review in Fall-2021. Final CCL5 expected in Summer-2022
- **UCMR-5 (Federal):** PFAS (29 Compounds) and Lithium. Monitoring Period 2023-2025
- **Revised Lead and Copper Rule (Federal):** Release expected around Dec-2021.
- **Revised Total Coliform Rule (State):** rTCR is in effect as of Jul-1, 2021. Changes MCLs and Public Notification Requirements. Adds Assessment Requirements.
- **CyanoToxins (State):** May-2021: OEHHA Recommended drinking water NLs for Four Cyanotoxins.
- **Perchlorate (State):** Regulations approved to lower Detection Level (DLR) in 2 Step process. 1st Step took effect on July 1, 2021.

Emerging Constituent and Regulatory Updates

- **Hexavalent Chromium:** New draft MCL expected in 2021
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CCR Revisions

The America's Water Infrastructure Act (AWIA) was signed into law in 2018. One section of the AWIA was titled "Improved Consumer Confidence Reports." According to this section, within two years of the AWIA being signed into law (i.e., by October 2020), EPA was to adopt regulations for Consumer Confidence Reports (CCR) that do the following:

- Improve the "readability, clarity, and understandability" of CCRs,
- Improve the "accuracy of information presented, and risk communication" in CCRs,
- Provide information on corrosion control and lead Action Level exceedances, and
- Require public water systems serving over 10,000 people to deliver CCRs two times each year.

NDWAC CCR COMMITTEE FORMED

- To provide guidance on these issues, EPA has formed a CCR Rule Revision Working Group under the National Drinking Water Advisory Council (NDWAC). EPA is seeking advice and recommendations on the following:
 - Addressing accessibility challenges, including translating CCRs and meeting Americans with Disabilities Act (ADA) requirements.
 - Advancing environmental justice and supporting underserved communities.
 - Improving readability, understandability, clarity, and accuracy of information and risk communication of CCRs.
 - CCR delivery manner and methods, including electronic delivery.

Meetings in August through December for the Working Group.



OEHHA Recommended NLs for Cyanotoxins (May-2021)

- On February 4, 2021 the State Water Resources Control Board (SWRCB) Division of Drinking Water (DDW) submitted a written request to the California Office of Environmental Health Hazard Assessment (OEHHA) to develop recommended Notification Levels (NLs) for four cyanotoxins (copy of the February 4, 2021 DDW memo is enclosed).
- In response to that request, on May 3, 2021 OEHHA submitted the following recommended NLs to the SWRCB.
- SWRCB plans to adopt the NL are pending

Cyanotoxin	Recommended NL	Recommended Safe Exposure Duration	Health Effect
Anatoxin-a	4 µg/L	One Month	Neurotoxicity
Saxitoxins	Interim NL: 0.6 µg/L	One Day	Neurotoxicity
Microcystins	Interim NL 0.03 µg/L	Up to Three Months	Spermatotoxicity
Cylindrospermopsin	Interim NL: 0.3 µg/L	Up to Three Months	Liver Toxicity



Change Orders

October 2021



Study Session – November 17, 2021

Cottonwood Hills Pump Station Generator Installation Project

- Design complete in May 2020
- R.I.C. Construction
- 9 months to deliver generator
- Full SCADA Controls
- Project completed on August 2021



Cottonwood Hills Pump Station Generator Installation Project

R.I.C. Construction Co., Inc.		
C.O. No.	Description	Amount
1	Non-compensatory time extension	\$ -
2	Credit – Removal of the Motor Transfer Switch (MTS) as part of the engine generator docking station. Additional days required for startup and commissioning, as well as approval from the City of Lake Elsinore Fire Department.	\$ (3,014.00)
		Current Approved Amount \$316,446.00
		Revised Contract Amount \$313,432.00
		Percent Change -1.0%

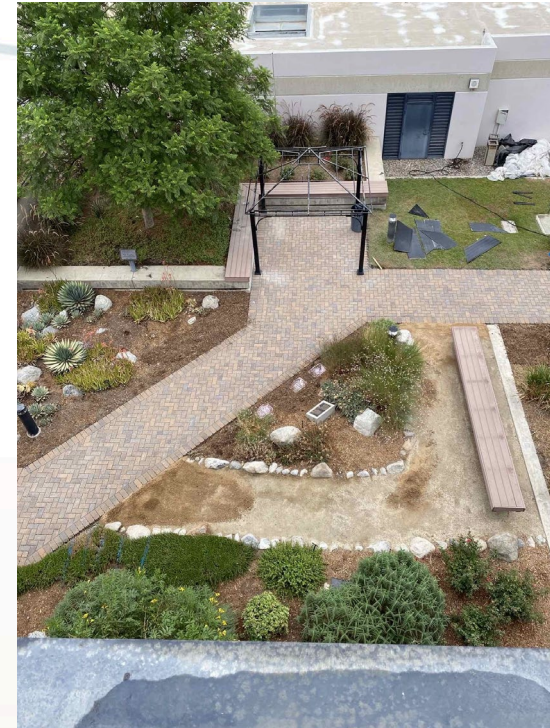
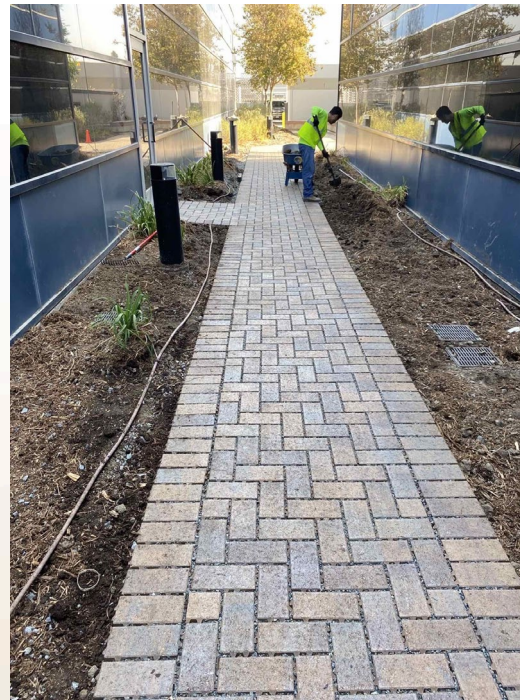
Administration Building Upgrades - Civil and Architectural Improvements Project

- Contractor – Sudweeks Construction, Inc.
- Contract Amount - \$621,630.00
- Civil, Landscaping, and Architectural Roof Improvements to improve drainage to be directed away from the building.



Administration Building Upgrades - Civil and Architectural Improvements Project

- Construction separated into 4 phases
- Phases 1 & 4 complete
- Completing landscaping for Phases 2 & 3
- Completion anticipated in early December 2021



Administration Building Upgrades - Civil and Architectural Improvements Project

Sudweeks Construction, Inc.

C.O. No.	Description	Amount
1	Concrete footings required as part of the re-installation of the two (2) canopies; existing tree to be protected in place required removal due to shallow tree roots impacting new paver installation as part of Phase 1; existing light bollards to be removed and re-installed with new base and rerouting of conduit as part of Phase 1; additional underground piping, drains, and grading to redirect runoff away from the building as part of Phase 2; additional underground piping and new sump pump as part of Phase 3; credit - removed from contract new 6" Drain Line as part of Phase 1; existing tree to be protected in place required removal due to shallow tree roots impacting new paver installation as part of Phase 4; landscape revisions related to revised grading plan for phases 1-4; credit - replacement of mulch instead of cobblestone for phase 2 and a portion of phase 3.	\$ 28,042.96
	Current Approved Amount	\$621,630.00
	Revised Contract Amount	\$649,672.96
	Percent Change	4.5%

QUESTIONS?





Horsethief Water Reclamation Facility Design Build Contract

November 17, 2021



Progress to Date

- Received 30% Design Submittal
- Performed Over the Shoulder review (all departments)
 - CDM Smith
 - Design team
 - Construction team
 - EVMWD
 - Engineering
 - Operations
 - Maintenance
 - IT/SCADA/Electrical







QUESTIONS