

# Early Action Plan for Priority 2 Proposed Management Zones – Public Draft

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Attachment H of the VWC Priority 2 Final  
Management Zone Proposal



**Valley Water  
Collaborative**

valleywaterc.org

*Prepared by:*

GEI Consultants, Inc.

Luhdorff & Scalmanini Consulting Engineers



*January 16, 2026*

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## Acronyms

Acronym	Definition
1,2,3-TCP	1,2,3-Trichloropropane
APN	Assessor Parcel Numbers
Central Valley Water Board	Central Valley Regional Water Quality Control Board
CV-SALTS	Central Valley Salinity Alternatives for Long-term Sustainability
DDW	Division of Drinking Water
DWR	California Department of Water Resources
DWW	Drinking Water Watch
EAP	Early Action Plan
FAQ	Frequently Asked Questions
FMZP	Final Management Zone Proposal
GAMA	Groundwater Ambient Monitoring and Assessment
GIS	Geographic Information Systems
GSA	Groundwater Sustainability Agency
ILRP	Irrigated Lands Regulatory Program
LPA	Local Primacy Agency
LSWS	Local Small Water System
MCL	Maximum Contaminant Level
mg/L-N	milligrams per liter nitrate as nitrogen
MZIP	Management Zone Implementation Plan
NGOs	Non-Governmental Organizations
O&M	Operation and Maintenance
PMZP	Preliminary Management Zone Proposal
POU	Point of Use
PWS	Public Water System
RO	Reverse Osmosis
SDWIS	Safe Drinking Water Information System
SGMA	Sustainable Groundwater Management Act
SSWS	State Small Water System
State Water Board	State Water Resources Control Board
Strategy	Valley Water Collaborative Community Engagement Strategy
SWS	Small Water Systems
VWC	Valley Water Collaborative
WCR	Well Completion Reports

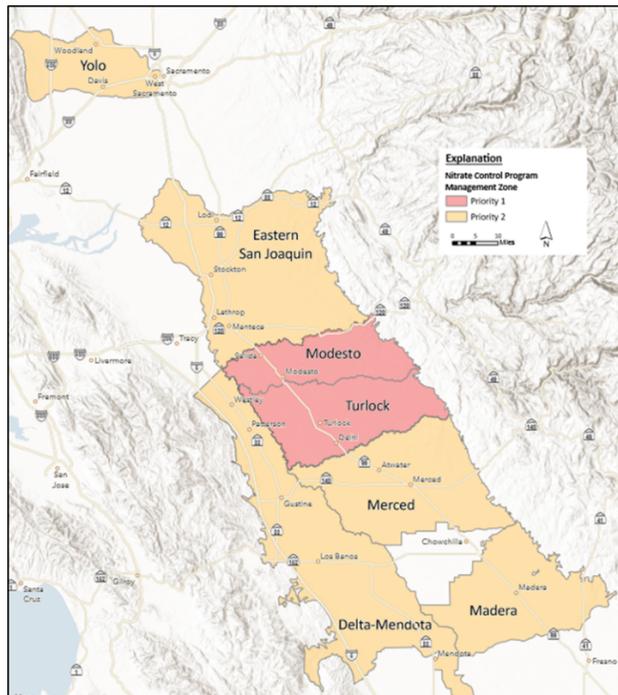
# Executive Summary

*La version en Español se encuentra al final de este Resumen Ejecutivo*

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) is implementing the Nitrate Control Program in the Central Valley. This program is designed to achieve three nitrate management goals:

- *Goal 1* – Ensure a safe drinking water supply;
- *Goal 2* – Reduce nitrate loading so that ongoing discharges neither threaten to degrade high quality waters absent appropriate findings by the Central Valley Board nor cause or contribute to exceedances of nitrate water quality objectives; and
- *Goal 3* – Implement long-term, managed restoration of impaired water bodies.

The Valley Water Collaborative (VWC), a local non-profit organization, was established to achieve these three goals in areas of the Central Valley designated as Priority 1 under the Nitrate Control Program, resulting in the formation of the Modesto and Turlock Nitrate Management Zones. Now that the Nitrate Control Program is expanding into Priority 2 (P2) areas, the VWC has established five additional nitrate Management Zones: Delta-Mendota, Eastern San Joaquin, Madera, Merced, and Yolo. (**Figure ES-1**). VWC is managed by a 12-member Board of Directors representing local cities and industry operating in the basin including agriculture, dairies, poultry facilities, wineries, and food processors.



**Figure ES-1. Location of the VWC Proposed Priority 2 Management Zones**

Establishment of Management Zones required the preparation of an Early Action Plan (EAP) that identifies initial actions the VWC will carry out to address drinking water being used by residences in the basin with unsafe nitrate levels. The key element of this EAP, which was developed in collaboration with the community, is the Interim Replacement Water Program (Program). This Program provides immediate alternative sources of drinking water for residences that depend on groundwater that contains unsafe levels of nitrate used for drinking and cooking (water with more than 10 milligrams per liter nitrate as nitrogen (mg/L-N)).

This EAP provides detailed information on:

- The nitrate problem in the proposed P2 Management Zones;
- How residents can be involved in its implementation; and
- How the VWC can assist a residence if a drinking water source is found to have unsafe levels of nitrate.

The VWC has identified the areas in the proposed P2 Management Zones where nitrate levels are most likely to be  $> 7.5$  mg/L-N (see orange and red areas in **Figure ES-2**).<sup>1</sup>

Implementation of the EAP will initially focus on these high-risk areas. However, anyone in the proposed P2 Management Zones may request that the VWC test their well to determine if their water has unsafe nitrate levels.

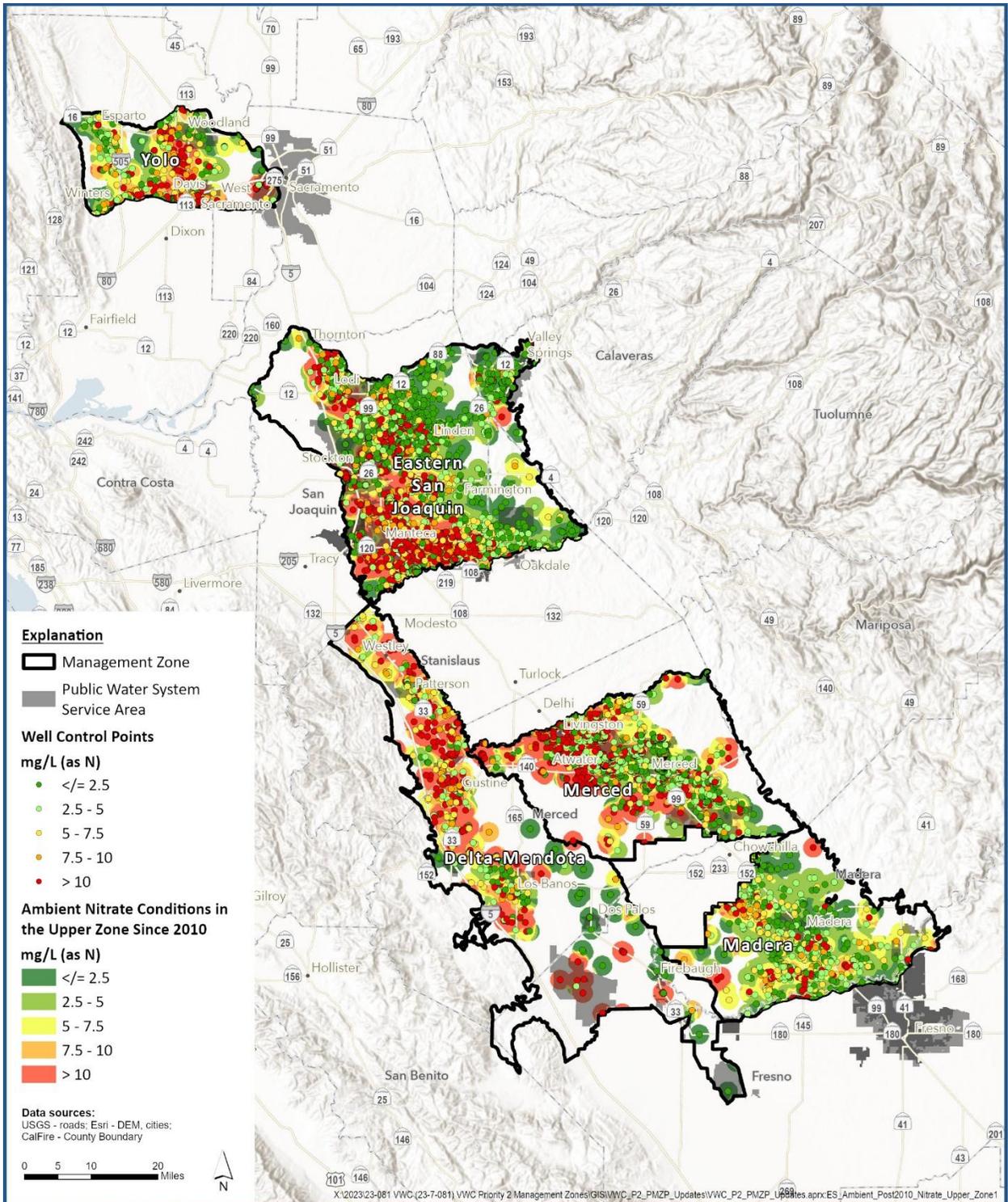
This Program provides an immediate solution for those currently experiencing unsafe levels of nitrate in their drinking water source. However, these solutions are only temporary and will eventually be replaced by long-term, permanent solutions.

There are several options for obtaining safe water upon implementation of the Program:

- Home bottled water delivery; and
- Installation of a Point-of-Use (POU) treatment system in your home; or
- Local fill station to fill water bottles, which may be available in the future.

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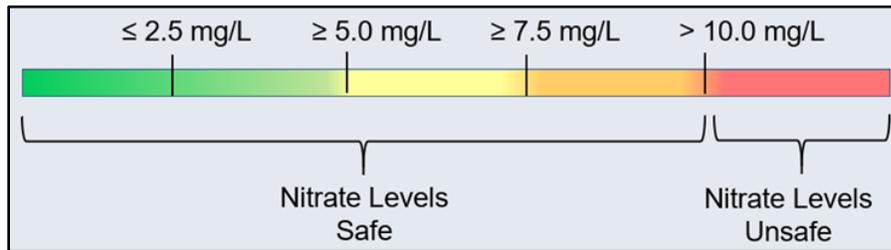
<sup>1</sup> Areas are based on best available groundwater nitrate data compiled and analyzed for Upper Zone wells with samples between January 2010 and October 2025. These areas are subject to change as more Upper Zone nitrate data become available.



**Figure ES-2. Areas in the VWC Priority 2 Proposed Management Zones where Nitrate Levels in Groundwater Are Most Likely To Be > 7.5 mg/L-N (Orange and Red Areas) (Note: This map is subject to change as more Upper Zone nitrate data become available)**

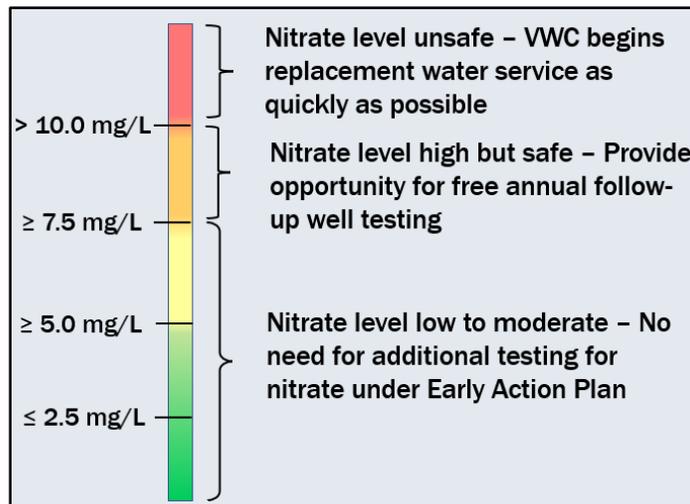
A residence located in a proposed P2 Management Zone may receive bottled water delivery or installation of a POU treatment system if a resident can answer yes to the following three statements:

1. My home is in a proposed P2 Management Zone (Delta-Mendota, Eastern San Joaquin, Madera, Merced, or Yolo);
  - a. For residents requesting service that receives drinking water from a Public Water System (PWS) that is non-compliant with the nitrate drinking water standard, where appropriate, the VWC will prioritize and target those that rely on domestic wells, and for the PWSs, will evaluate on a case-by-case basis the role of the Management Zone.
2. I am willing to sign an agreement with the service provider; and
3. My well has unsafe nitrate levels ( $> 10 \text{ mg/L-N}$ ) (see **Figure ES-3**) as determined by a water quality analysis conducted by a certified laboratory.



**Figure ES-3. Scale Showing Nitrate Safe and Unsafe Levels**

If the resident does not know if their well water has unsafe nitrate levels, contact the VWC. A VWC representative will test the well at no cost to the resident. Results from the nitrate test, which will be provided to the resident, determines the next steps as shown in **Figure ES-4**. If nitrate levels are unsafe the VWC will work immediately with the resident to obtain a safe source of drinking water. If nitrate levels are high but safe the VWC is offering to test the well the following year.



**Figure ES-4. Nitrate Results and VWC Follow-Up Actions**

VWC began holding community meetings in Summer 2024 to obtain input on the development of this EAP. Community meetings will continue during implementation to gain further input from residents on temporary solutions included in the Program and development of long-term drinking water solutions.

To support its community outreach efforts, the VWC established the following platforms to share information about the Program. Members of the community are encouraged to sign up on VWC's email list to receive Program updates and invitations to community meetings.

- VWC website: <https://valleywaterc.org/>
- Facebook page: <https://www.facebook.com/Valley-Water-Collaborative-340350387401852/>
- Instagram: <https://www.instagram.com/valleywatercollaborative/>

The Program launched in late February 2025 and allowed residences in the Management Zones to apply for well testing and replacement water on the VWC website. Anyone who signs up will be included on the VWC email list to receive community notifications. Residents with any questions or concerns about the EAP may contact VWC by phone at (209) 750-3867 or by email at [contact@valleywaterc.org](mailto:contact@valleywaterc.org). For any residents needing translation services, access to bilingual staff will be available and additional language resources will be provided as needed.

# Resumen Ejecutivo

La Junta Regional de Control de Calidad del Agua del Valle Central esta implementando el Programa de Control de Nitratos en el Valle Central. Este programa está diseñado para lograr tres objetivos de gestión de zonas de nitratos:

- *Meta 1 – Garantizar un suministro de agua potable segura;*
- *Meta 2 -Reducir la carga de nitratos para que las descargas constantes no amenacen con degradar la alta calidad de agua sin los estudios apropiados de la Junta del Valle Central, además de no ser una causa o contribución a exceder los objetivos de calidad del nitrato en el agua.*
- *Meta 3 – Implementar la restauración gestionada a largo plazo de cuerpos de agua impactados.*

Valley Water Collaborative (VWC), una organización local sin fines de lucro, se estableció para lograr estos tres objetivos en áreas del Valle Central designadas como Prioridad 1 bajo el Programa de Control de Nitratos, que resultó en la formación de la Zonas de Gestión de Modesto y Turlock. Ahora que el Programa de Control de Nitratos se está expandiendo a áreas de Prioridad 2 (P2), VWC ha establecido cinco zonas de gestión de nitratos adicionales: Delta-Mendota, Este de San Joaquín, Madera, Merced y Yolo. (**Figura ES-1**). VWC es administrado por una Junta Directiva de 12 miembros de Directores que representan a las ciudades locales y a la industria que opera en la cuenca, incluida la agricultura, lecherías, instalaciones avícolas, bodegas y procesadores de alimentos.



**Figura ES-1. Ubicación de las Zonas de Gestión propuestas de VWC P2**

El establecimiento de Zonas de Gestión requiere la preparación de un Plan de Acción Temprana (EAP) que identifica las acciones iniciales que el VWC llevará a cabo para abordar el uso del agua potable por residencias en la cuenca con niveles inseguros de nitrato. El elemento clave de este EAP, fue desarrollado en colaboración con la comunidad, es el Programa Interino de Reemplazo de Agua (Programa). Este Programa proporciona fuentes alternativas inmediatas de agua potable para residencias que dependen de aguas subterráneas que contienen niveles peligrosos de nitrato utilizados para beber y cocinar (agua con más de 10 miligramos por litro de nitrato como nitrógeno (mg/L-N)).

Este EAP proporciona información detallada sobre:

- El problema de los nitratos en las Zonas de Gestión Propuestas de VWC P2;
- Cómo los residentes pueden participar en su implementación; y
- Cómo el VWC puede ayudar a una residencia si se descubre que una fuente de agua potable no es segura y tiene niveles de nitrato elevado.

El VWC ha identificado las áreas en las Zonas de Gestión Propuestas de VWC P2 donde los niveles de nitrato son más probable que sean mayor que 7.5 mg/L-N (ver áreas naranjas y rojas en la **Figura ES-2**).<sup>1</sup> La implementación del EAP se centrará inicialmente en estas áreas de alto riesgo. Sin embargo, cualquiera en el las Zonas de Gestión Propuestas de VWC P2 pueden solicitar que el VWC pruebe su pozo para determinar si su agua tiene niveles peligrosos de nitrato.

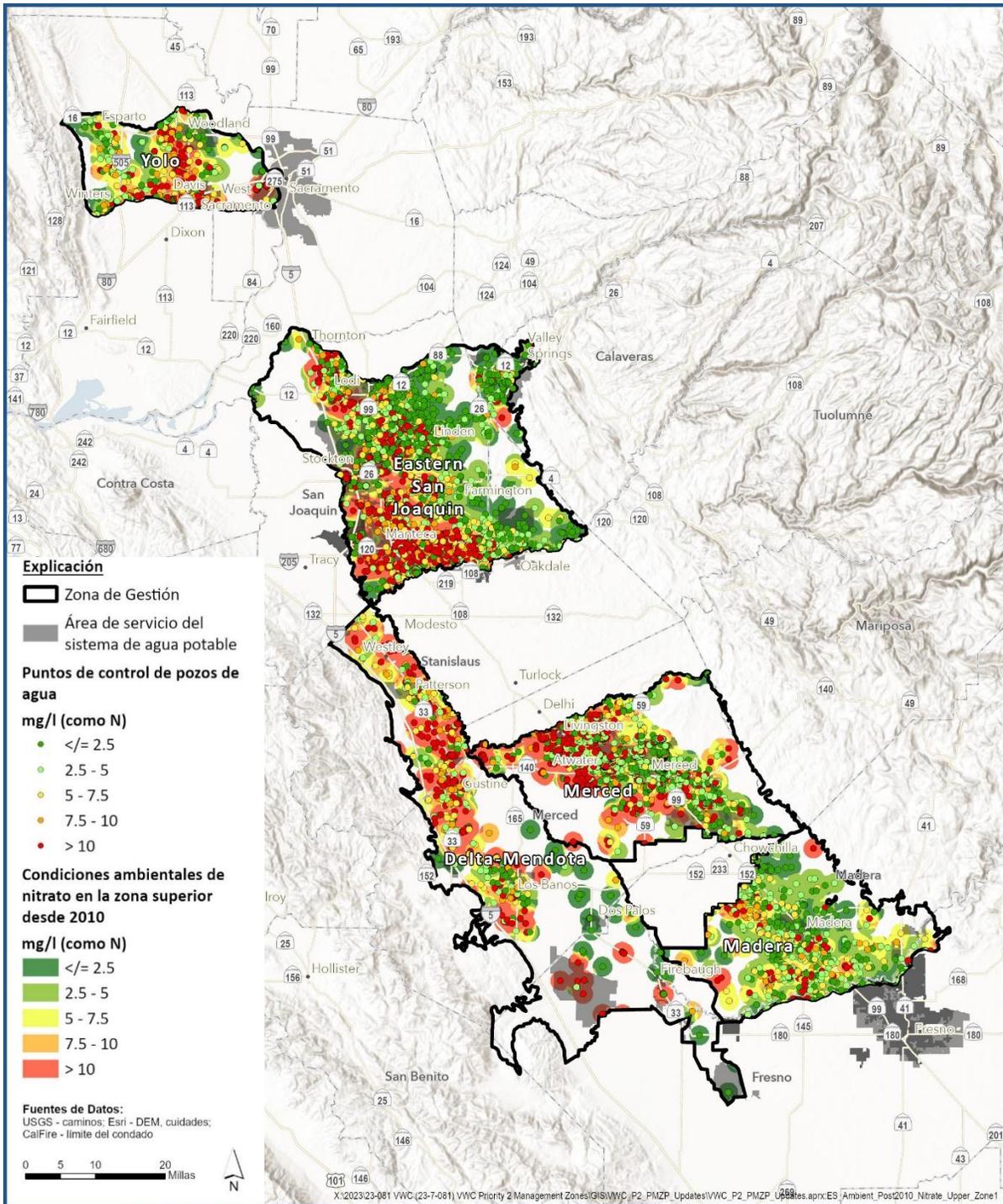
Este programa proporciona una solución inmediata para aquellos que actualmente experimentan niveles inseguros de nitrato en su fuente de agua potable. Sin embargo, estas soluciones son sólo temporales y eventualmente serán reemplazado por soluciones permanentes a largo plazo.

Existen varias opciones para obtener agua potable al implementar el Programa:

- Entrega de agua embotellada a domicilio; y
- Instalación de un sistema de tratamiento de punto de uso (POU) en su hogar; o
- Estación de servicio local para llenar botellas de agua, que puede estar disponible en el futuro.

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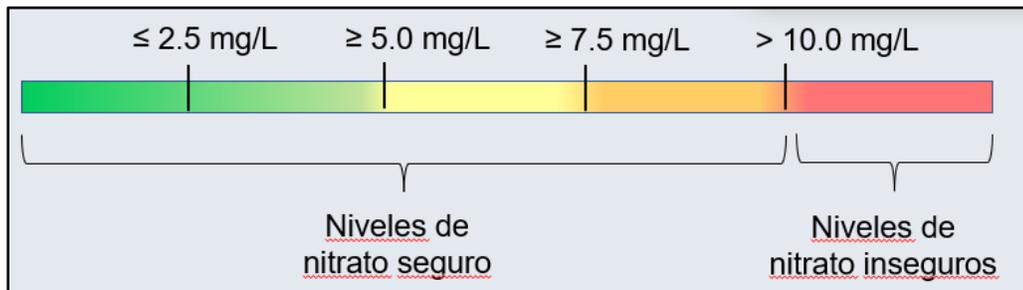
<sup>1</sup> Las áreas se basan en los mejores datos disponibles sobre nitrato de agua subterránea compilados y analizados para los pozos de la Zona Superior con muestras entre Enero de 2010 y octubre de 2025. Estas áreas están sujetas a cambios a medida que se obtengan más datos de nitrato de la Zona Superior cuando estén disponible.



**Figura ES-2. Áreas en las Zonas de Gestión Propuestas de Prioridad 2 del VWC donde es más probable que los Niveles de Nitrato en aguas subterráneas sean mayor que 7.5 mg/L-N (áreas naranja y roja) (Nota: este mapa es sujeto a cambios a medida que haya más datos disponibles sobre nitratos de la Zona Superior)**

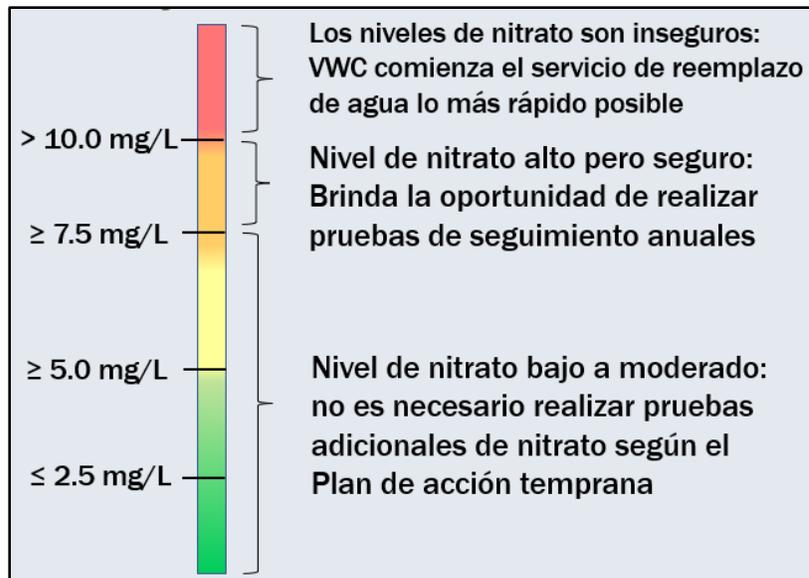
Una residencia ubicada en una Zona de Gestión Propuesta VWC P2 puede recibir entrega de agua embotellada o instalación de un sistema de tratamiento POU si un residente puede responder sí a las siguientes tres declaraciones:

1. Mi casa está en una Zona de Gestión Propuesta VWC P2 (Delta-Mendota, Este de San Joaquín, Madera, Merced o Yolo);
  - a. Para los residentes que soliciten servicio para un sistema que recibe agua potable de un Sistema de Agua Público (PWS), y que no cumpla con el estándar de nitrato de agua potable, VWC, donde sea apropiado, priorizará y se enfocará en aquellos que dependen de pozos domésticos. Para aquellos en un PWS, se evaluará caso por caso la función de la Zona de Gestión.
2. Estoy dispuesto a firmar un acuerdo con el proveedor del servicio; y
3. Mi pozo tiene niveles peligrosos de nitrato ( $> 10 \text{ mg/L-N}$ ) (ver **Figura ES-3**) según lo determina un análisis de la calidad del agua realizado por un laboratorio certificado.



**Figura ES-3. Escala que muestra niveles seguros e inseguros de nitrato**

Si el residente no sabe si el agua de su pozo tiene niveles peligrosos de nitrato, comuníquese con el VWC. Un representante de VWC analizará el pozo sin costo alguno para el residente. Resultados de la prueba de nitrato, que se proporcionará al residente, determina los próximos pasos como se muestra en **Figura ES-4**. Si los niveles de nitrato no son seguros, el VWC trabajará inmediatamente con el residente para obtener una fuente segura de agua potable. Si los niveles de nitrato son altos pero seguros, el VWC ofrece probar el pozo el año siguiente.



**Figura ES-4. Resultados de nitratos y acciones de seguimiento del VWC**

VWC comenzó a realizar reuniones comunitarias en el verano del 2024 para obtener opiniones sobre el desarrollo de este EAP. Las reuniones comunitarias continuarán durante la implementación para obtener más aportes de los residentes sobre las soluciones temporales incluidas en el Programa y el desarrollo de soluciones de agua potable a largo plazo.

Para apoyar sus esfuerzos de extensión comunitaria, VWC estableció las siguientes plataformas para compartir información sobre el Programa. Se anima a los miembros de la comunidad a registrarse en la lista de correo electrónico de VWC para recibir actualizaciones del programa e invitaciones a reuniones comunitarias.

- VWC sitio web: <https://valleywaterc.org/>
- Pagina de Facebook : <https://www.facebook.com/Valley-Water-Collaborative-340350387401852/>
- Instagram: <https://www.instagram.com/valleywatercollaborative/>

El Programa se lanzó en Febrero 2025 y permitió las residencias en las Zonas de Gestión a solicitar pruebas de pozos y reemplazo de agua en el sitio web de VWC. Cualquiera que se registre será incluido en la lista de correo electrónico de VWC para recibir notificaciones de la comunidad. Los residentes que tengan preguntas o inquietudes sobre el EAP pueden comunicarse con VWC por teléfono al (209) 750-3867 o por correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org). Para cualquier residente que necesite servicios de traducción, acceso a personal bilingüe estará disponible y recursos lingüísticos adicionales se proporcionará según sea necesario.

# 1. Background and Purpose

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The Nitrate Control Program was established by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) in the Water Quality Control Plan for the Sacramento and San Joaquin River Basins. A requirement of the Nitrate Control Program is to develop an Early Action Plan (EAP), defined as a plan that identifies community outreach activities and an implementation schedule that will ensure access to safe drinking water for those dependent on groundwater wells exceeding the nitrate drinking water standard of 10 milligrams per liter nitrate as nitrogen (mg/L-N). While these wells are primarily domestic wells, this EAP also addresses areas where public water supply wells have nitrate levels exceeding the drinking water standard. This EAP provides temporary solutions for providing safe drinking water to those impacted by nitrate contamination in groundwater; it will be in effect until permanent solutions for safe drinking water are implemented through an approved Management Zone Implementation Plan (MZIP).

## 1.1 Early Action Plan Requirements

An EAP must include the following, unless otherwise approved by the Central Valley Water Board's Executive Officer:

- i. A process to identify affected residents and the outreach utilized to ensure that impacted groundwater users are informed of and given the opportunity to participate in the development of proposed solutions;
- ii. A process for coordinating with others that are not dischargers to address drinking water issues, which must include consideration of coordinating with impacted communities, domestic well users and their representatives, the State Water Resources Control Board's (State Water Board) Division of Drinking Water (DDW), Local Planning Departments, Local County Health Officials, Sustainable Groundwater Management Agencies (SGMA) and others as appropriate;
- iii. Specific actions and a schedule of implementation that is as short as practicable to address the immediate drinking water needs of those initially identified within the Management Zone, or area of contribution for a Path A discharger, that are drinking groundwater that exceeds nitrate standards and that do not otherwise have interim replacement water that meets drinking water standards; and
- iv. A funding mechanism for implementing the Early Action Plan, which may include seeking funding from Management Zone participants, and/or local, state and federal funds that are available for such purposes.

## 1.2 Early Action Plan Framework and Applicability

The EAP was initially submitted to the Central Valley Water Board as an attachment to the Valley Water Collaborative’s (VWC) Priority 2 (P2) Preliminary Management Zone Proposal (PMZP), December 28, 2024. The PMZP submittal support the establishment of the VWC proposed P2 Management Zones which include the Delta-Mendota, Eastern San Joaquin, Madera, Merced, and Yolo Subbasins (**Figure 1-1**). This EAP applies to all areas within the proposed P2 Management Zones, but targets areas where nitrate in the Upper Zone of the underlying groundwater most likely exceeds the nitrate drinking water standard. Section 3 and its associated appendices identify these target areas.

Implementation of this EAP began on February 26, 2025 after the Central Valley Water Board conditionally approved the EAP submitted on December 30, 2024. EAP activities for the proposed P2 Management Zones were coordinated jointly. This EAP has been updated as part of the development of the proposed P2 Management Zone’s Final Management Zone Proposal (FMZP).

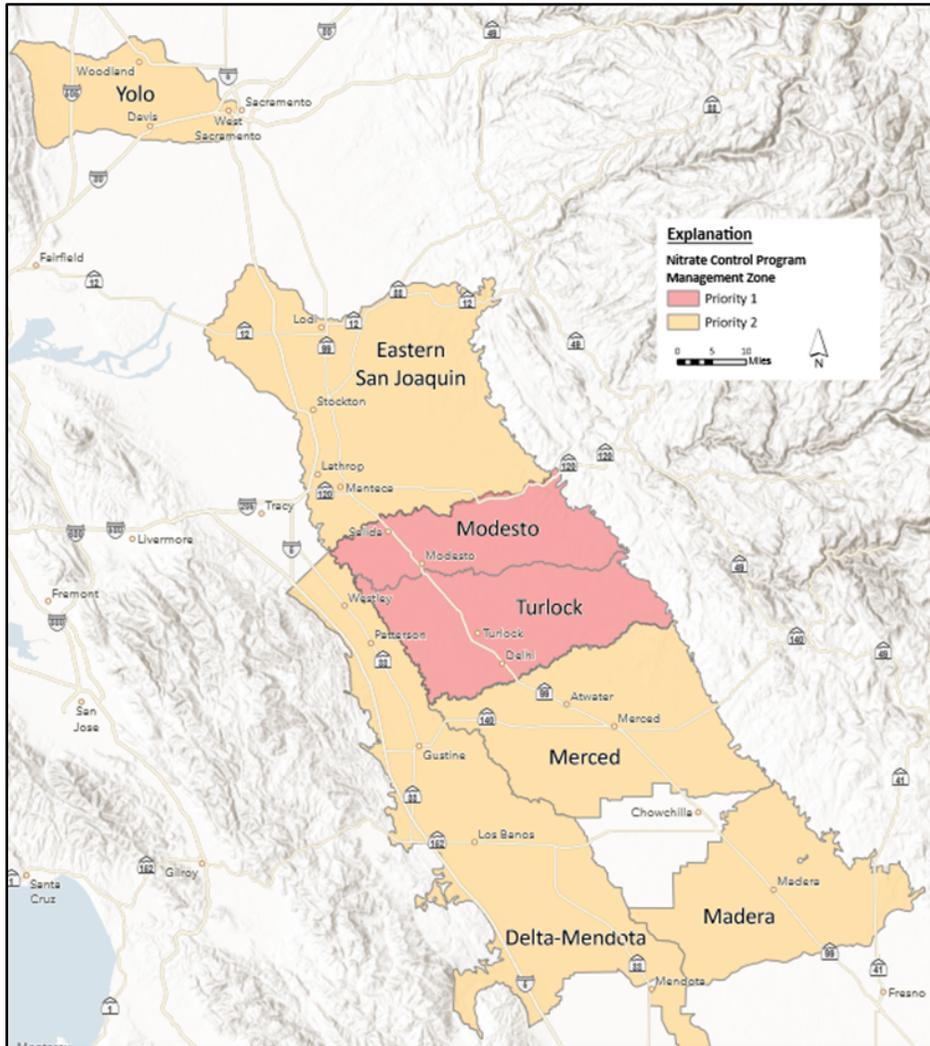


Figure 1-1. VWC Priority 2 Proposed Management Zones, Central Valley of California

## **1.3 Valley Water Collaborative**

The VWC is a non-profit organization established to organize and operate the VWC Priority 1 (P1) Management Zones (Modesto and Turlock) and proposed P2 Management Zones (Delta Mendota, Eastern San Joaquin, Merced, Madera and Yolo). The VWC combines the resources and expertise of its member organizations to ensure that all residents with wells impacted by elevated nitrate levels have access to safe drinking water. VWC's mission is "to maintain and improve the quality of life in the northern San Joaquin Valley by implementing programs that provide access to safe drinking water for residents, and by engaging in activities with the goal of protecting or enhancing the quality of groundwater used as drinking water for residents in the region". The VWC is responsible for the implementation of this EAP within all the proposed P2 Management Zones.

### **1.3.1 How to Contact Valley Water Collaborative**

VWC may be contacted for any questions or concerns regarding this EAP during normal business hours by the following methods:

- By phone at (209) 750-3867
- By email at [contact@valleywaterc.org](mailto:contact@valleywaterc.org)
- Through VWC website at <https://valleywaterc.org/>
- Direct Mail: 1201 L Street, Modesto, CA 95354

VWC staff will respond to any questions or concerns during normal business hours in a timely manner. For any residents needing translation services, access to bilingual staff will be available and additional language resources will be provided as needed.

## 2. Community Outreach to Develop Early Action Plan

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This section describes the community outreach activities implemented during development of this EAP. These activities were guided by the VWC Community Engagement Strategy (“Strategy”) (see **Appendix A**) which is supported by the community profiles developed for each proposed P2 Management Zone (**Appendix B-1**: Delta-Mendota, **Appendix C-1**: Eastern San Joaquin, **Appendix D-1**: Madera, **Appendix E-1**: Merced, **Appendix F-1**: Yolo). The community outreach activities described below were conducted jointly for all proposed P2 Management Zones.

### 2.1 Community Engagement Strategy

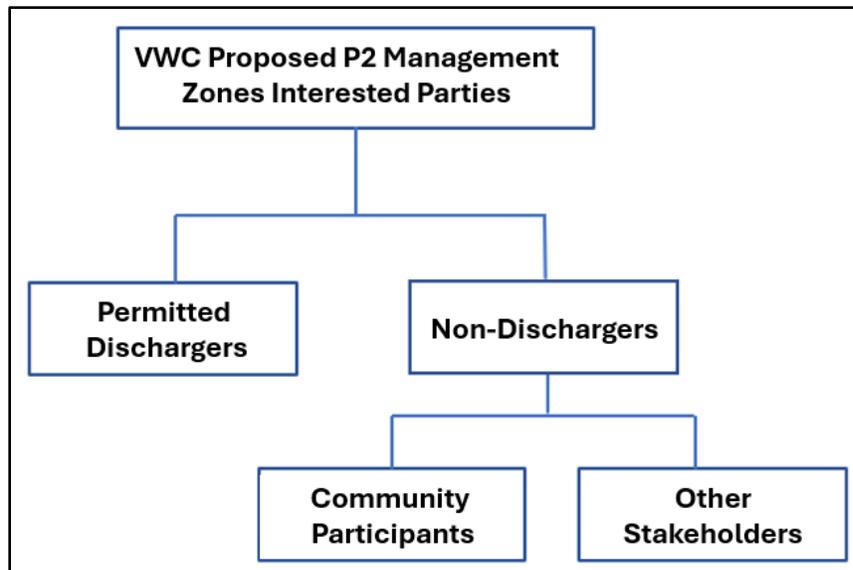
This Strategy guided VWC outreach activities and targeted potential nitrate-impacted residents to provide them opportunities to participate in the development of this EAP. The Strategy was developed in accordance with the *Guidance for Engaging Communities During Development of Early Action Plans* (State Water Resources Control Board 2020) and was updated to support the VWC’s application for SAFER grant funding (see Section 6.4) **Appendix G** summarizes how the State Water Board’s community engagement recommendations were addressed during EAP development.

The Strategy established the following objectives for VWC’s outreach process:

- Objective 1 – Educate the public about the development and implementation of the EAP and their opportunities for participation.
- Objective 2 – Engage a diverse group of community members and non-dischargers representing different social, cultural, and economic elements of the population.
- Objective 3 – Make community and non-discharger participation easy and accessible.
- Objective 4 – Provide a roadmap for Valley Water Collaborative leadership.

As the Strategy was implemented, it was adapted when needed to optimize engagement strategies. This Strategy will continue to be used during EAP implementation; it is considered a “living” document that will be updated, as needed.

**Figure 2-1** provides an overview of the different entities with interests in the proposed P2 Management Zones that are referred to in this EAP. While all these entities have a vested interest in the communities they live and work in, they may have very different interests or expectations in how the Nitrate Control Program requirements are implemented within the planned Management Zones. Collectively all these groups or individuals are considered Management Zone “interested parties.”



**Figure 2-1. VWC proposed Priority 2 Management Zones Interested Parties**

Management Zone interested parties are often divided into two groups: permitted dischargers and non-dischargers. The former must comply with the Nitrate Control Program due to requirements in the Basin Plan and their discharge permits. Non-dischargers include both community participants (local residents and community advocates) and other interested stakeholders. Community participants include the residents of counties within the Management Zones, who rely on domestic wells or small water systems as their source of drinking water and whose well has been tested and found to have nitrate levels that exceed drinking water standards. Other stakeholders are those entities with roles or responsibilities in the Management Zone associated with local governance, land use planning and management of drinking water.

Implementation of the Strategy focused on engaging non-dischargers – both community participants and other stakeholders. Community participants are the primary focus of the EAP and its purpose to ensure residents have access to drinking water that meets the nitrate drinking water standard. The following sections describe the community engagement activities implemented to obtain input from non-dischargers during EAP development.

## **2.2 Community Engagement Activities**

VWC conducted a variety of community engagement activities to encourage active involvement of diverse social, cultural, and economic elements of the community. (see **Appendix H** for supporting documentation). The following sections summarize key elements of the program to engage the community. As part of this effort, the VWC will prepare informational materials in English and Spanish and access to bilingual staff will be available. Based on community input from residents and key community leaders/organizations, which may be language based, VWC will evaluate the need for additional language translation

support. VWC intends to rely on local language-based community groups to provide direction regarding how to best reach out to their own community.

### **2.2.1 Maintain Management Zone Website**

In October 2020 VWC established a website (<https://valleywaterc.org/>) to optimize outreach and engagement in their P1 Management Zones. This same website will also be used to support EAP implementation in the proposed P2 Management Zones. The VWC website includes the following:

- Information about the VWC, including its mission, Board of Directors and staff;
- Upcoming community outreach activities;
- Previously completed outreach meeting information; and
- Frequently Asked Questions (FAQ) about nitrate and potential impacts to drinking water.
- Website is translated into Spanish using Google Translate. However, based on community input from residents and key community leaders/organizations, which may be language-based. VWC will evaluate the need for additional language translation of the website.

The VWC website, which is regularly updated, provides an opportunity for interested parties to sign up for notification alerts so they may receive information related to Management Zone development and EAP implementation. Interested parties may provide their email address so they can receive information about upcoming meetings, new postings to the VWC website, or other Management Zone activities. Encouragement to sign up to VWC's website has been and will continue to be advertised in meeting flyers and outreach activities. In addition, to further assist with efforts to inform the public on VWC's presence in the area, VWC has set up a Facebook page (<https://www.facebook.com/Valley-Water-Collaborative-340350387401852/>) and Instagram (<https://www.instagram.com/valleywatercollaborative/>). VWC will continue exploring other social media avenues prior to EAP implementation.

### **2.2.2 Outreach to Community Participants**

VWC conducted regular meetings to provide opportunities for public participation in the development of the EAP's interim replacement water program (**Table 2-1**). Upcoming meeting dates and times are posted at: <https://valleywaterc.org/events/> while previous recorded outreach meetings are available at: <https://youtube.com/@valleywatercollaborative-tb2dg?si=EpnBNbqOv96foE-m>. Prior to each meeting, VWC also sent notices (English and Spanish) via email to all non-dischargers in its contact list to help facilitate outreach. For most community meetings, two different dates and times were provided to allow more opportunity for community participation. Spanish translation was provided during every outreach meeting. VWC is committed to reaching as many residents as possible and will continue to hold community outreach meetings during EAP implementation. Community resident

s are also encouraged to participate in the community outreach meetings to provide local input to the VWC. Requests for community feedback have been made during outreach meetings and posted on VWC’s website, Facebook page, and Instagram. VWC will continue to seek local participants.

**Table 2-1. Summary of Community Outreach Meetings During EAP Development**

Activity	Purpose	Date/Time
VWC proposed P2 Management Zones Community Outreach Meeting #1	Introduction of the VWC and Nitrate Control Program. Overview of potentially nitrate-impacted areas, possible interim solutions, and how residents participate.	August 13, 2024 2 – 3:30 pm
		August 15, 2024 6 – 7: 30 pm
VWC proposed P2 Management Zones Community Outreach Meeting #2	Overview of nitrate conditions and potential interim drinking water solutions under the EAP as well as the opportunity to provide feedback on potential interim replacement water program elements. Inform about public draft EAP and opportunity to review and comment.	October 10, 2024 2 – 3:30 pm
		October 10, 2024 6 – 7:30 pm
VWC proposed P2 Management Zones Community Outreach Meeting #3	Present draft EAP contents and reminder for community participants to review and comment on public draft EAP.	October 29, 2024 3 – 4:30 pm Hybrid; Merced
		October 30, 2024 3 – 4:30 pm Hybrid; Stockton

### 2.2.3 Outreach to Other Stakeholders

VWC developed an initial list of other stakeholders by identifying organizations within each proposed P2 Management Zone with knowledge of the local community and potential to assist in the development and implementation of the EAP. Direct contact by phone and email was made to entities such as school districts, local colleges and universities, County libraries, County health programs/services, e.g., Women, Infants and Children (WIC), First 5, and local community-based organizations including Valley Improvement Projects and California Rural Legal Assistance. Other entities and regulatory programs may include, but not be limited to, GSAs (SGMA), Coalitions (ILRP), and dischargers enrolled under the Concentrated Animal Feeding Operation General Orders. **Table 2-2** categorizes these stakeholders and identifies their potential roles to support EAP development (FMZP includes the current list of entities on this list). This contact list continues to be expanded as additional stakeholders are identified. Outreach was conducted with many of these entities to obtain their assistance with outreach to the community. For example, many of these stakeholders assisted with the distribution of community meeting notices and materials.

**Table 2-2. Categories of Other Stakeholders in the Proposed Priority 2 Management Zones**

Category	Key Role(s) in EAP Development or Implementation
Counties	Board of Supervisors – Dissemination of information to County residents; support approval of EAP-related projects
	Planning and Community Development – Support approval of EAP-related projects
	Health Services Agency – Support implementation of EAP-related activities
Incorporated Communities <sup>1</sup>	Given the presence of shopping centers <sup>2</sup> in these locations, some of these communities may be targeted for establishment of water fill stations. Coordination with these communities can facilitate establishment of these facilities.
Unincorporated Communities/ Census-Designated Places	
Central Valley Water Board	Ensure that EAP development and implementation is consistent with Nitrate Control Program requirements.
State Water Board DDW	Ensure that water fill stations or other replacement water alternatives meet state and federal regulations for drinking water.
Non-Governmental Organizations (NGOs)	Organizations represent various community interests within the proposed P2 Management Zones and can assist with implementation of EAP elements, especially activities related to community outreach. Key participants to date have included, e.g., California Rural Legal Assistance, Valley Improvement Projects, Self-Help Enterprises, Clean Water Action, Community Water Center, Leadership Counsel for Justice and Accountability.
Groundwater Sustainability Agencies (GSAs)	The GSAs located within the proposed P2 Management Zones are included in the FMZP as Attachments B-1.3, C-1.3, D-1.3, E-1.3, and F-1.3). EAP implementation activities involving use of water will be coordinated with these agencies, which can also assist with dissemination of information within their jurisdictions.
Representative Organizations	Trade organizations may represent various facilities that are dischargers within the proposed P2 Management Zones. Key participants to date have been the California League of Food Producers, Central Valley Dairy Representative Monitoring Program (CVDRMP), Dairy Cares, Irrigated Lands Coalitions, Western United Dairyman and local Farm Bureaus. These non-dischargers can assist EAP implementation through dissemination of information through their members (which may be dischargers) and community outreach activities.

<sup>1</sup> Some incorporated communities may be participating in the EAP as permitted dischargers subject to the requirements of the Nitrate Control Program.

<sup>2</sup> Shopping centers includes public access areas such as: strip malls, grocery stores, gas stations, etc.

Several hybrid meetings were held to seek input from stakeholders. Prior to each meeting, VWC sent meeting notices via email to all stakeholders on the VWC's contact list. Topics discussed in the stakeholder meetings included: an introduction of the VWC and Nitrate Control Program, an overview of nitrate conditions, discharger commitment process, selecting Advisory Committee Members, discharger outreach, contents of the EAP, potential interim drinking water solutions under the EAP, presentation of the draft EAP to provide opportunity for community participants to review and comment on the public draft EAP.

## 3. Identification of Potentially Impacted Groundwater Users

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### 3.1 Nitrate-impacted Areas

To support the development of the proposed P2 Management Zones in the PMZP and the FMZP, nitrate groundwater data were requested, downloaded, and compiled using various publicly available sources, including the State Water Board’s DDW, GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) data, and the Irrigated Lands Regulatory Program (ILRP) monitoring data. These data were complemented by data requested from the counties in each Management Zone subbasin area. Groundwater data were categorized into depth zones, following previously developed CV-SALTS best management practices and wells meticulously vetted and completed in the Upper Zone of the groundwater aquifer were used to determine recent average ambient nitrate concentrations for data since year 2010. Wells with data since year 2010 completed in lower zones (Lower Zone and Below Lower Zone) were also used to determine recent average ambient nitrate concentrations. The focus of the NCP is on the Upper Zone, as it is the portion of the groundwater aquifer where most domestic wells pump from.

The Upper, Lower, and Below Lower Zone average nitrate concentrations for wells in the Management Zone were used to produce a geospatial analysis of ambient conditions across the Management Zone. A description of the methodology is described in FMZP Section 3.2.1, along with the actual datasets used for the ambient nitrate condition analyses. **Appendix B-11: Delta-Mendota, Appendix C-11: Eastern San Joaquin, Appendix D-11: Madera, Appendix E-11: Merced, and Appendix F-11: Yolo** provides the nitrate groundwater dataset specific to each respective proposed P2 Management Zones. The series of figures in **Appendix B-2: Delta-Mendota, Appendix C-2: Eastern San Joaquin, Appendix D-2: Madera, Appendix E-2: Merced, and Appendix F-2: Yolo** provide the geospatial analysis of ambient conditions in the Upper Zone since year 2010. Data gaps exist where well data are lacking, but the analysis provides evidence of several pockets of nitrate-impacted areas occurring within each Management Zone

### 3.2 Residential and Other Public Water Supply Sources

#### 3.2.1 Public Water System

Public Water Systems (PWS) are defined as systems that provide drinking water to: (1) 15 or more households (or “connections”) for Community systems; or (2) regularly serves at least 25 people for 60 days or more per year for non-Community systems. Non-Community systems include any facility that provides drinking water, such as churches, rest stops, stores, schools, businesses, etc. (**Table 3-1**).

**Table 3-1. Classification of Drinking Water Systems by Constituency, Connections, and Duration of Service per Year (adapted from Boyle et al. 2012)**

Duration of Service	Connections:		< 5	5 +	< 15	15 +	< 200	200 +	
	Persons Served:		< 25			25 +			
N/A	Small Water System (SWS) <sup>1</sup>	Classification Defined By	Connections						
< 60 days/year	Local Small Water System		Connections & (persons, duration)						
< 60 days/year	State Small Water System			Connections & (persons, duration)					
>= 60 days/year	Community Public Water System (PWS) <sup>2</sup>					Connections or (persons, duration)			

<sup>1</sup> Classification as a SWS does not preclude classification as any of the other types. SWS may be regulated by DDW or by Local Primary Agency county.

<sup>2</sup> A PWS is a system for the provision of water for human consumption that has 15 or more service connections OR regularly serves at least 25 individuals at least 60 days per year.

Community PWSs, which are regulated by DDW, are required to submit water samples of their raw and delivered water for a broad suite of regulated constituents on various schedules that depend on the constituent and the source water context. All PWS data on water quality, source locations, service areas, and historical data are publicly available through multiple State Water Board websites<sup>2</sup>.

### 3.2.2 State Small Water Systems

State Small Water Systems (SSWS) are defined as systems serving at least five but not more than 14 residential households. Mutual Water Companies are frequently classified as a SSWS. Typically, SSWS are regulated by county environmental health departments; regulatory oversight of these systems varies by county. In general, counties require submission of water quality samples annually (at most) for a smaller set of constituents than monitored by a PWS.

SSWS data are public; however, most counties in the state do not have these data compiled in an easily accessible format. Many counties require a fee for data retrieval for these systems. Usually, the data available include sporadic water quality data for a few constituents, and the original permit for the system. The permit typically includes information on the construction of the water source (well) and the street where service is provided.

<sup>2</sup> <https://data.ca.gov/dataset/drinking-water-public-water-system-information>; [https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/EDTlibrary.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/EDTlibrary.html); and <https://sdwis.waterboards.ca.gov/PDWW/>

### **3.2.3 Local Small Water Systems**

Local Small Water Systems (LSWS) include residential systems serving two to four households. Most counties regulate LSWS as if they were simply private wells – that is, they are unregulated except for the requirements associated with the drilling permit. Typically, no information is available to identify the difference between a single-household well and one used for a LSWS.

## **3.3 Potentially Impacted Public Supply Wells**

The following sections provide information about public supply wells that have experienced elevated nitrate levels (above the nitrate MCL of 10 mg/L as N).

### **3.3.1 Public Supply Wells in the Management Zone**

Elevated nitrate concentrations have been found in PWS wells in the proposed P2 Management Zones. The State Water Board’s Drinking Water Source and Water Systems identification documentation was accessed via the internet to complement data from DDW. Together, these two sources provide information about how many systems with active versus inactive wells that have nitrate (as N) exceeding the MCL. This documentation provides a status code for each well, as well as a population served and number of connections for each water system.

Wells with any measurement of raw untreated water having nitrate exceeding the MCL were extracted from the database to determine if the wells are considered to be actively providing water to the water system or have been abandoned, destroyed, or inactive. Based on DDW data, 173 public supply wells in the five proposed P2 Management Zones have exceeded the MCL for nitrate. Of those, 96 wells are considered “Active” (Active Raw, meaning the groundwater is sampled directly from the well; or Active Untreated, meaning the groundwater is sampled at a point between the well and a treatment system); the remainder are either abandoned, destroyed, inactive, standby, agricultural, or pending wells. The 67 PWS that cover a portion of the proposed P2 Management Zone areas that have historically experienced nitrate levels from wells that exceed the MCL serve an estimated population of about 1.02 million people. Public supply wells that have experienced nitrate concentrations exceeding the MCL are mapped in each proposed P2 Management Zone (**Appendix B-3**: Delta-Mendota, **Appendix C-3**: Eastern San Joaquin, **Appendix D-3**: Madera, **Appendix E-3**: Merced, and **Appendix F-3**: Yolo).

California Department of Water Resources (DWR) provides approximate well locations for all Well Completion Reports (WCR) they have on record. These records include location information for domestic wells drilled across the state. The maps in Appendices B-3, C-3, D-3, E-3, and F-3 show the locations provided by DWR for the domestic drinking water wells in their WCR database, as well as the service area boundaries of PWSs available in the area.

Publicly available PWS service area boundaries are compiled by the California Environmental Health Tracking Program (CEHTP).

Tables provided in **Appendix B-4: Delta-Mendota**, **Appendix C-4: Eastern San Joaquin**, **Appendix D-4: Madera**, **Appendix E-4: Merced**, and **Appendix F-4: Yolo** provide a summary of the public supply wells from the DDW database that have exceeded the nitrate MCL at some time within their entire period of record. This table provides:

- a) Summary of the nitrate data available for the individual well, including:
  - i. Date range of measurements;
  - ii. Number of measurements;
  - iii. Range of nitrate measurements; and
  - iv. Date of the most recent nitrate exceedance.
- b) Well system characteristics, including:
  - i. Well status (active, inactive, etc.);
  - ii. Water system the well provides water to;
  - iii. Water system type (community, non-community non-transient, etc.);
  - iv. Number of connections; and
  - v. Population served by that water system.

Tables provided in **Appendix B-5: Delta-Mendota**, **Appendix C-5: Eastern San Joaquin**, **Appendix D-5: Madera**, **Appendix E-5: Merced**, and **Appendix F-5: Yolo** provide the list of unique public water supply systems that have had at least one well where nitrate concentrations have exceeded the MCL. This table provides:

- a) Water system number (as identified by DDW);
- b) Water system name;
- c) Water system type;
- d) Number of connections (which ranges from 1 to over 50,000);
- e) Number of wells in each well status category that have exceeded the nitrate MCL;
- f) Population served by the PWS; and
- g) If the PWS has an active impacted well, the population of potentially affected people served by the PWS (an estimated total of about 860,000 people).

### **3.3.2 Public Water System Delivered Water Treatment Status**

Although there are some active PWS wells that have been tested for nitrate with results indicating nitrate concentrations have exceeded the MCL of 10 mg/L-N, many PWSs have treatment facilities to remove nitrate or other contaminants prior to the water being delivered to consumers. Using the best information readily available, it is possible to find DDW sources of water for PWS that are categorized as “treated”. This includes the following potential DDW-defined well status categories:

- *AT – Active Treated*: An active source which is sampled after any treatment.

- *CT – Combined Treated*: Combined sources which are treated.
- *DT – Distribution System Sample Point, Treated*: Sample point within the distribution system after treatment.
- *IT – Inactive Treated*: A source which is not in service for periods of one year or greater and which provides treated water to a system.
- *ST – Standby Treated*: A source which is used less than 15 calendar days per year, with periods not to exceed five consecutive days and which provides raw water which is sampled after treatment.

Even when a water system has a documented treated source according to DDW, this does not ensure that the water system treats its water for nitrate (a treated source may mean chlorination prior to being distributed, or possible treatment for other contaminants such as inorganic or organic chemicals). PWS typically treat elevated nitrate by using blending, reverse osmosis (RO; membrane technology), ion exchange (IX), or biological or chemical nitrate removal via denitrification (less common). Six PWSs in the VWC Priority 2 Management Zones have nitrate treatment capabilities as indicated by having a treated source in the DDW records. Treatment capabilities for public water systems that have wells inside the Management Zone that have been impacted by elevated nitrate are noted on the maps in **Appendix B-7**: Delta-Mendota, **Appendix C-7**: Eastern San Joaquin, **Appendix D-7**: Madera, **Appendix E-7**: Merced, and **Appendix F-7**: Yolo.

Tables in **Appendix B-6**: Delta-Mendota, **Appendix C-6**: Eastern San Joaquin, **Appendix D-6**: Madera, **Appendix E-6**: Merced, and **Appendix F-6**: Yolo summarize the water system treatment information that is available from DDW for the public water systems that have exceeded the nitrate MCL in the past. Solutions typically taken by public water systems that had a nitrate problem include abandoning, destroying, or deepening wells that had elevated nitrate, or by instituting nitrate-specific water treatment prior to distribution.

### **3.3.3 Public Water Systems Out of Compliance Due to Nitrate**

Public supply wells impacted by nitrate have been identified, and information about treatment status has been summarized above and provided in Appendices for each proposed P2 Management Zone. Based on further investigation of PWSs with potential nitrate issues, it is possible to determine current compliance status, as of December 2025. If a PWS is fully in-compliance with all Title 22 drinking water standards, these systems will not have any open violations filed with the State Water Board (accessible via Drinking Water Watch [DWW]).

The Human Right to Water Data Portal<sup>3</sup> (State Water Board) provides information about compliance status for community and non-transient non-community PWSs that are regulated by the State Water Board or Local Primacy Agency (LPA). The State Water Board's r

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<sup>3</sup> [https://www.waterboards.ca.gov/water\\_issues/programs/hr2w/](https://www.waterboards.ca.gov/water_issues/programs/hr2w/). Accessed December 2025.

regulatory authority does not include water systems that are defined as “SSWS”, “LSWS”, or private domestic wells. The Human Right to Water Data Portal does not provide specifics as to why PWSs may be out of compliance. This information is available, however, through individual investigation of each PWS through the DWW website (Drinking Water Watch: <https://sdwis.waterboards.ca.gov/PDWW/>, accessed December 2025). Using a combination of information gleaned from data summarized in Section 3.3.1, the Human Right to Water Data Portal, and the DWW website, a compilation of the compliance status of all PWSs in the proposed P2 Management Zones can be seen in **Appendix B-8: Delta-Mendota**, **Appendix C-8: Eastern San Joaquin**, **Appendix D-8: Madera**, **Appendix E-8: Merced**, and **Appendix F-8: Yolo**. These tables illustrate that besides nitrate, there are several other chemicals that are causing PWSs to be out of compliance (including but not limited to 1,2,3- Trichloropropane (1,2,3-TCP), uranium, lead, hexavalent chromium, copper, perchlorate, coliform, and arsenic). **Table 3-2** summarizes the PWSs in the proposed P2 Management Zones that are currently (as of December 2025) out of compliance due to nitrate or nitrate *plus* one or more other contaminant (such as 1,2,3 TCP or another chemical).

If PWSs are out of compliance due to nitrate conditions that exceed the safe drinking water limit, they are indicated in the table, and the population served by these systems is listed. As of December 2025, there are currently seven PWSs in the proposed P2 Management Zones that are out of compliance due to nitrate alone, which translates to a total population served of 706 people. There are currently three PWS in the proposed P2 Management Zones that are out of compliance due to nitrate plus another contaminant, serving 1,426 people. In total, the population served by PWSs that are currently out of compliance with a nitrate issue is 2,132 in the proposed P2 Management Zones.

**Table 3-2. Non-Compliant Public Water Systems (as of December 2025) due to Nitrate and Nitrate Plus Other Contaminants in VWC Priority 2 Proposed Management Zones**

PWS ID	PWS Name	Number of Connections <sup>1</sup>	Population Served <sup>1</sup>	Violation Chemical(s) <sup>2</sup>	Most Recent Date of Violation <sup>2</sup>	MCL Exceedance		Pop. Served by Non-Compliant PWS (Nitrate Only)	Pop. Served by Non-Compliant PWS (Nitrate + Other Contaminant)
						Nitrate Only	Nitrate Plus Other Contaminant		
<b>Proposed Delta-Mendota Management Zone</b>									
CA5000213	Hamlet Hotel	15	26	Nitrate	9/5/2023	X		26	
CA5000443	Triangle Truck Stop (Water)	1	25	Nitrate	8/10/2022	X		25	
CA5000574	Eastin	10	26	Nitrate	5/31/2023	X		26	
<b>Total Population</b>								77	0
<b>Proposed Eastern San Joaquin Management Zone</b>									
CA5000483	River Oak Grace Water System	4	500	Nitrate	4/23/2024	X		500	
CA3901474	Fremont One	15	39	Nitrate	2/15/2024	X		39	
CA3910014	San Joaquin County – Raymus Village	329	1086	Nitrate, 1,2,3-TCP	2/22/2023, 7/23/2018		X		1086
CA3900751	Martinez Apartments	9	26	As, 1,2,3-TCP, Nitrate	7/24/2023, 6/12/2024, 3/06/2023		X		26

**Table 3-2. Non-Compliant Public Water Systems (as of December 2025) due to Nitrate and Nitrate Plus Other Contaminants in VWC Priority 2 Proposed Management Zones**

PWS ID	PWS Name	Number of Connections <sup>1</sup>	Population Served <sup>1</sup>	Violation Chemical(s) <sup>2</sup>	Most Recent Date of Violation <sup>2</sup>	MCL Exceedance		Pop. Served by Non-Compliant PWS (Nitrate Only)	Pop. Served by Non-Compliant PWS (Nitrate + Other Contaminant)
						Nitrate Only	Nitrate Plus Other Contaminant		
<b>Total Population</b>								539	1,112
<b>Proposed Merced Management Zone</b>									
CA2400334	California Sweet Potato Growers Coop	1	44	Nitrate	4/17/2023	X		44	
<b>Total Population</b>								44	0
<b>Proposed Yolo Management Zone</b>									
CA5700623	Davis JUSD - Fairfield School	1	46	Nitrate	7/1/2025	X		46	
CA5700788	North Davis Meadows	95	314	Fe, Nitrate, Al	5/05/2023, 7/01/2025, 5/05/2023		X		314
<b>Total Population</b>								46	314

<sup>1</sup> Source: Human Right to Water or DWW Databases

<sup>2</sup> Source: DWW Database

### 3.4 Potentially Impacted Domestic Wells and Local Small Water Systems

The map figures in **Appendix B-9: Delta-Mendota**, **Appendix C-9: Eastern San Joaquin**, **Appendix D-9: Madera**, **Appendix E-9: Merced**, and **Appendix F-9: Yolo** illustrate the locations of potentially impacted domestic wells and areas of elevated nitrate ( $> 7.5$  mg/L-N to 10 mg/L-N, and  $> 10$  mg/L-N) for the proposed P2 Management Zones. These areas were used along with DWR's domestic well locations based on WCRs<sup>4</sup>. The approach to identify potentially impacted domestic wells and local small water systems utilizes PWS service area GIS map coverages, which are only available for larger systems. PWS boundaries are not the same as city limits, although most large cities do have their own PWS, with mapped service areas. Domestic wells located within the boundaries of a PWS were identified even though they may not be used for drinking (Appendices B-9, C-9, D-9, E-9, and F-9).

The map of recent ambient Upper Zone nitrate was used to estimate the number of potentially impacted domestic wells in the Management Zone. There are domestic wells within the PWS residential service areas in each of the proposed P2 Management Zones. It is unknown whether any of these wells are still being used even though they are potentially in a PWS area<sup>5</sup>. The number of domestic wells outside of PWS service areas far outweighs those of unknown use status within PWS service areas. Smaller PWSs do not have a mappable service area associated with them, simply a physical address and number of connections. The domestic wells that may be located within these smaller PWS that do not have a documented service area mapped boundary readily available to the public are conservatively counted in the domestic well count in the category of domestic wells outside known PWS boundaries.

To estimate the number of domestic wells located outside PWS boundaries and potentially impacted by elevated nitrate, domestic wells were placed into six groups:

- *Group 1* – Groundwater in the Upper Zone at or below 2.5 mg/L-N;
- *Group 2* – Groundwater in the Upper Zone above 2.5 mg/L-N and at or below 5.0 mg/L-N;
- *Group 3* – Groundwater in the Upper Zone above 5.0 mg/L-N and at or below 7.5 mg/L-N;
- *Group 4* – Groundwater in the Upper Zone above 7.5 mg/L-N and at or below 10 mg/L-N;
- *Group 5* – Groundwater in the Upper Zone exceeding 10 mg/L-N; and

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<sup>4</sup> Several domestic well locations provided by DWR's WCR database may not be exact locations, but rather plot in the center of a 1-square mile township/range-section area. Therefore, several domestic wells may plot at the same location, and their locations are accurate up to one mile.

<sup>5</sup> Outreach to individual PWS to request accounting data may help identify residents within a PWS boundary that rely on private domestic wells rather than compliant metered water.

- *Group 6* – Unknown category because the domestic well(s) are located where insufficient nitrate data exist in the Upper Zone to perform the spatial interpolation of ambient nitrate conditions.

The total number of domestic wells located inside and outside PWS boundaries was compared to the number of wells in each elevated nitrate category to provide an estimate of the percent of domestic wells potentially impacted by elevated nitrate in the groundwater. Tables provided in **Appendix B-10: Delta-Mendota**, **Appendix C-10: Eastern San Joaquin**, **Appendix D-10: Madera**, **Appendix E-10: Merced**, and **Appendix F-10: Yolo** summarize the results of this analysis. This analysis has some inherent uncertainty associated with domestic well locations and the ambient nitrate map (which is adaptable and subject to change as additional Upper Zone groundwater nitrate data become available over time).

To estimate the population potentially impacted by residents relying on domestic wells that may have elevated nitrate, 2020 census block data were adjusted using county-specific annual growth rates to estimate 2024 populations which were mapped and joined with the ambient Upper Zone nitrate concentrations occurring outside of PWS boundaries. The estimated 2024 population was summed for census blocks outside PWS boundaries and within the Management Zone for those areas with nitrate concentrations in the Upper Zone (using the six categories of nitrate concentration described above). Tables in Appendices B-10, C-10, D-10, E-10, and F-10 summarize the results of this analysis.

The total estimated number of domestic wells located outside of PWS boundaries, and the potential population associated with residents relying on groundwater that may have elevated nitrate concentrations are derived from two very different methodologies. Based on the estimated population in the potentially affected areas, it is likely that the estimated number of domestic wells located in those areas is underestimated based on information from DWR's WCR database. It may be possible during MZIP development to improve the accuracy of current estimates by conducting additional parcel analysis, e.g., by comparing the number of parcels inside and outside of PWS boundaries.

## 4. Process to Identify Potentially Affected Areas

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**Appendix B-2:** Delta-Mendota, **Appendix C-2:** Eastern San Joaquin, **Appendix D-2:** Madera, **Appendix E-2:** Merced, and **Appendix F-2:** Yolo identify the portions of the proposed P2 Management Zones where nitrate conditions in the Upper Zone of the groundwater likely exceed 7.5 mg/L-N (see orange and red-colored areas). Except for those areas which are served by a compliant PWS, the residences in these orange and red-colored areas are most likely to be served by a domestic well that has potentially > 7.5 mg/L-N. VWC will target some of its outreach efforts specifically to those identified as being most likely affected by elevated nitrate. This ensures that those most likely impacted by nitrate contamination learn about their replacement water options as quickly as possible. Targeted outreach will occur at the same time VWC is also implementing general community outreach activities to the entire proposed P2 Management Zones so that all residents in each Management Zone are aware of the Interim Replacement Water Program.

### 4.1 Process to Identify Affected Residents

Process to identify affected residents that may have a domestic well or may be connected to a PWS that is not compliant with the nitrate drinking water standard will be done in a timely manner as indicated in the EAP implementation schedule provided in Section 7.1. This stepwise process, which is described below, focuses on the development of a mailing list to facilitate the direct delivery of EAP-related information to potentially affected residents. Findings from Sections 3.1 and 3.4 (and associated appendices) that identified domestic wells and small water systems in nitrate-impacted areas have been used as a starting point for this effort. As nitrate data are received from the Residential Well Testing Program (See Section 6.3), the VWC will continually incorporate these new data into the proposed P2 Management Zone's database to re-evaluate where targeted outreach should be conducted. The overall approach will be adaptively managed as needed to meet the EAP schedule; however, any modifications made to the process would not reduce the areas being targeted for direct mail outreach.

#### **Step 1: Data Development – Identify PWS Boundaries and Obtain County Parcel Data**

VWC will use public databases that provide PWS boundary information for identified PWSs in Section 3.2 and associated appendices. This will provide a depiction of which parcels are served by a PWS. To identify the parcels within the proposed P2 Management Zones, County assessor parcel GIS data will be requested. The parcel GIS data will be overlaid with the PWS data obtained above and groundwater quality data (as was used to develop Appendices B-2, C-2, D-2, E-2, and F-2). The outcome will be a base map that identifies areas not served by a PWS and where nitrate is most likely > 7.5 mg/L-N.

## **Step 2: Remove Parcels Served by Nitrate Compliant PWS**

Each PWS will be evaluated to determine if it is compliant with the nitrate drinking water standard. Parcels located within compliant PWS boundaries will be removed from further evaluation. If it is unclear whether the PWS is compliant with the nitrate requirements, the associated parcels will be retained. After Step 2 all remaining parcels should meet the following criteria:

- Located within a proposed P2 Management Zone;
- Not served by a nitrate compliant PWS or status of compliance of the associated PWS is unknown; and
- Located in an area where the Upper Zone of the groundwater subbasin potentially has elevated nitrate levels > 7.5 mg/L-N.

## **Step 3: Establish List of Potentially Affected Residences**

GIS-based parcel information (APN or address) will be exported into an Excel spreadsheet to develop a targeted outreach list. Parcels that are part of ILRP Coalitions, CVDRMP, and others as appropriate that are part of the proposed P2 Management Zones, will be removed to the extent possible as residents on these parcels are already aware of Nitrate Control Program requirements. These residents will not be targeted for direct outreach under the EAP; however, their well will continue to be re-tested as required by Central Valley Water Board. The final spreadsheet will be provided to a third-party vendor to generate a mailing list. The outcome of this step will be a mailing list for targeted outreach activities. These are described in Section 5.2.3 below.

## **4.2 Process for Non-Compliant Public Water Systems**

**Table 3-2** identifies the non-compliant PWSs due to nitrate and nitrate plus other contaminants for each respective proposed Management Zone. There were no identified non-compliant PWSs in the proposed Madera Management Zone due to nitrate and nitrate plus other contaminants. During EAP implementation, the VWC will prioritize and target those that rely on domestic wells, and for the PWSs, will evaluate on a case-by-case basis the role of the Management Zone. This support would also apply to other PWSs found to be non-compliant with nitrate standards during EAP implementation (i.e., those not already identified in Section 3.3.3).

## 5. Community Outreach During EAP Implementation

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Community outreach activities will continue during EAP implementation. As community input is received, modifications to this EAP may occur (see Section 6.6 on the process to amend the EAP). To support a cost-effective strategy, all the proposed P2 Management Zones community outreach activities will be coordinated jointly.

### 5.1 Information Sharing

Several community outreach activities are designed to support establishment of interim replacement water until long-term solutions are implemented. These activities support both general community outreach efforts to the entire proposed P2 Management Zones and targeted residents identified from the process outlined in Section 4. The VWC will prepare informational materials in English and Spanish. However, based on community input from residents and key community leaders/organizations, which may be language based, VWC will evaluate the need for additional language translation support. VWC intends to rely on local language-based community groups to provide direction regarding how to best reach out to their own community. Access to bilingual staff will be available as mentioned in Section 1.3.1.

#### 5.1.1 *Maintain Management Zone Website*

VWC established a website in late October 2020 to optimize outreach and engagement in the P1 Management Zones (<https://valleywaterc.org/>). The VWC website, which is regularly updated, provides an opportunity for interested parties to sign up for notification alerts so they may receive information related to their respective proposed P2 Management Zone. Individuals providing their email will receive information about upcoming meetings, or other Management Zone activities. Encouragement to sign up to VWC's website has been and will continue to be advertised in meeting flyers and outreach activities.

The VWC website will update the community on upcoming meetings, locations and operational hours of water fill stations (when established) and the process to request participation in the Tailored Water Delivery Program (see Section 6.2). VWC will continue to work with permitted dischargers and non-dischargers to provide links on their respective websites directing users to the VWC. In addition, to further assist with efforts to inform the public on VWC's presence in the area, VWC has set up a Facebook page (<https://www.facebook.com/Valley-Water-Collaborative-340350387401852/>) and Instagram (<https://www.instagram.com/valleywatercollaborative/>). VWC will continue exploring other social media avenues during EAP implementation.

### **5.1.2 Informational Materials**

Informational materials, provided in both hard copy and electronic formats, will be developed for use in various forums, such as, but not limited to, flyers, public meeting handouts, information packets mailed out to residents, brochures made available to the public, or use of social media platforms (these materials may be tailored to specific audiences). Decision on which format and mechanism to present materials will be decided based on community feedback and input from key community leaders/organizations. As stated in Section 5.1, VWC intends to rely on local language-based community groups to provide direction regarding how to best reach out to their own community. Material distribution will be done in the most cost-effective manner at that time to inform residents. Examples of informational material that have been and will continue to be provided includes, but not limited to:

- Educational material regarding nitrate in drinking water as a potential health concern.
- Purpose for establishment of the VWC and the EAP, including (a) the programs that have been established to ensure residents in the area have access to drinking water not impacted by nitrate; and (b) identification of program representatives or website to contact for more information.
- Notices such as “Save the Date”, flyers, and emails to alert stakeholders and community participants of upcoming community meetings and EAP implementation updates.
- Locations of water fill stations if established by the proposed P2 Management Zones, including information regarding how to properly clean and store water containers and how to use the facilities.
- Information regarding how to request participation in the Tailored Water Delivery Program.

## **5.2 General Management Zone Outreach**

VWC will conduct periodic community outreach meetings to support EAP implementation (see Section 7.1 for general schedule). Upcoming meeting schedules will be shared with the community during outreach activities and through postings on VWC’s website, Facebook page, Instagram, and other social media platforms.

### **5.2.1 Community Outreach Meetings**

All proposed P2 Management Zones interested parties, including community participants, will be invited to the meetings. To provide frequent opportunities and updates on EAP implementation activities, it is anticipated community meetings will be held approximately quarterly or when there is new information to share with community residents for the first year of EAP implementation. After the first year, meetings frequency may be reduced based

on need and community feedback. The content of each meeting may vary, but the primary purpose of these meetings is to inform the community of the following:

- Overall status of implementation of the EAP;
- Opportunity for residents with nitrate at a concentration greater than 10 mg/L-N in their domestic well to request participation in the bottled water delivery or Point-of-Use (POU) Treatment System programs;
- Need for installation of water fill stations to support the Interim Replacement Water Program; if community supported, discuss potential locations for a fill station;
- Obtain input from the community on how implementation of the EAP can be improved;
- Have discussions regarding potential long-term drinking water solutions as those planning efforts increase;
- Status of next steps in the Nitrate Control Program, e.g., development of MZIPs for each P2 Management Zone; and
- Schedule for subsequent meetings and upcoming milestones.

When and where appropriate, VWC will make efforts to conduct in-person meetings and may provide a mixture of both in-person and virtual meetings to accommodate the needs of different individuals.

**Table 5-1** summarizes the tasks to be completed to conduct a community outreach meeting. At a minimum, Spanish translation will be provided. However, based on community input from residents and key community leaders/organizations, which may be language-based, VWC will evaluate the need for additional language translation support. Notification of these meetings will be conducted, but not limited to using one or more of the following methods:

- Direct mail marketing to all residents or targeted groups of residents, e.g., those most likely impacted by elevated nitrate in groundwater;
- Public announcements, e.g., through newspaper notices in local and regional media or radio advertisements on English and Spanish stations in the local area;
- Requests to other entities to facilitate outreach efforts, e.g., civic organizations, school and community service districts or houses of worship within the respective County areas;
- Social media platforms such as Nextdoor, Facebook, and Instagram;
- Door to door
- Organizational websites, e.g., VWC, Coalition, or Central Valley Water Board; or
- Others, as determined by VWC.

**Table 5-1. Process to Conduct Community Outreach Meetings**

Task	Activities
1. Address meeting logistics (if meeting is virtual, 1a will not apply)	<ul style="list-style-type: none"> <li>a. Secure public venue for in-person meeting</li> <li>b. Prepare and send out “Save the Date” meeting notice at least 5 days in advance of meeting date (English and Spanish); post same information on VWC website, Facebook page, Instagram, and other social media platforms</li> <li>c. Send out follow-up meeting notice in English and Spanish within 1-3 days of the meeting date</li> <li>d. Send out meeting notice flyers to other interested stakeholders for dissemination and posting on their websites</li> <li>e. Secure necessary translation service for meeting</li> </ul>
2. Prepare meeting materials	<ul style="list-style-type: none"> <li>a. Prepare meeting agenda, handouts, PowerPoint presentation materials specific to the purpose of the meeting</li> <li>b. Bring copies of any VWC informational materials for distribution at the meeting (if in-person and as needed)</li> </ul>
3. Post follow-up information after outreach meeting	<ul style="list-style-type: none"> <li>a. Post meeting presentation materials and handouts (as needed) to VWC website. (Note: If meeting was virtual, post recording of the meeting on VWC website)</li> </ul>
4. Follow-up directly with meeting participants after meeting, as needed	<ul style="list-style-type: none"> <li>a. Follow-up on action items from meeting</li> <li>b. Respond to post-meeting emails/inquiries</li> </ul>

To further assist with community outreach efforts, VWC will establish partnerships with local community organizations as they are entities that provide a trusted presence in the areas encompassed by the proposed P2 Management Zones; therefore, already have a connection with the local residents. Once local partnerships have been established, VWC will continue developing these partnerships so that these local organizations (a) understand the risks of drinking water with unsafe levels of nitrate; (b) can explain how the EAP’s Interim Replacement Water Program can provide residents with an alternative source of drinking water, and (c) understand VWC’s role in the implementation of this program. During EAP implementation the VWC will be working with these partners to ensure they are knowledgeable about the program and prepare them to be able to effectively answer questions from community residents. Examples of the types of community outreach activities they may assist with include:

- Applicant referral assistance;
- Sharing and assistance with social media posts;
- Assistance with contacting rural residents;
- Attending monthly non-profit coalition meetings;
- Offering space availability for VWC at their events;
- Public dissemination of VWC Program flyers to the community;
- Assistance with school audience outreach and school events; and

- Providing facilities for VWC community meetings.

### **5.2.2 Coordination with Other Stakeholders**

VWC will continue to coordinate with other stakeholders within the proposed P2 Management Zones, especially those entities with potential roles in the management of water that may be used as a drinking water supply. Other entities and regulatory programs may include, but not be limited to Path A dischargers with potential areas of contribution adjacent to the Management Zones (Nitrate Control Program), GSAs (SGMA), Coalitions (ILRP), and dischargers enrolled under the Concentrated Animal Feeding Operation General Orders. The purpose of this coordination is to facilitate the following:

- Identification of potentially affected residents (see Section 4);
- Establishment of Interim Replacement Water Program;
- Support of outreach activities to all residents within the proposed P2 Management Zones;
- Preparation of outreach materials tailored to the constituencies associated with each stakeholders organization;
- Informing stakeholders of EAP-related activities ongoing in the area, e.g., County Board of Supervisors, County Public Health Department, other interested County departments, trade groups, local community organizations, Junior Colleges, Universities, etc.
- Keeping the Central Valley Water Board and DDW informed (outside of regular EAP status reports) of any issues or concerns that may be developing through program implementation;
- Identifying opportunities for grants that support not just implementation of the Nitrate Control Program but other area programs to ensure the community has safe drinking water;
- Working collaboratively with NGOs as needed to assist with outreach gaps; and
- Developing long-term solutions for providing safe drinking water to residents in the proposed P2 Management Zones.

### **5.2.3 Targeted Resident Outreach**

Section 3 and supporting appendices identify areas within the proposed P2 Management Zones where nitrate concentrations in the Upper Zone of the underlying groundwater are most likely to exceed 10 mg/L-N. Potentially affected residents identified through the process described in Section 4.1 will be targeted for direct outreach during EAP implementation. VWC will develop information to send to each resident targeted for outreach. As mentioned in Section 5.1, informational materials will be provided in English and Spanish at a minimum. Based on input from residents and key community leaders/organizations, which may be language-based, VWC will evaluate the need for additional language translation support. The types of information that needs to be

communicated (e.g., via a trifold flyer, letter or other form of communication) to each household includes, but may not be limited to:

- Explanation of the EAP and how its implementation may apply to their residence.
- Educational material regarding nitrate in drinking water as a potential health concern.
- Upcoming community meeting opportunities, as scheduled.
- Options available to obtain replacement water and, if needed, have their domestic well tested for nitrate.
- Opportunities to participate in EAP implementation and development of long-term drinking water solutions.
- Contact information for a VWC representative and website where the resident can obtain more information and to sign up for the emailing list.

Additional outreach to targeted residents will be conducted when residents are unresponsive to initial mailer. Such outreach activities may include, but not be limited to, follow up mailout (unless previous mailed information was returned as undeliverable), door to door, or by other methods as recommended from discussions with key community leaders/organizations. VWC will look for opportunities to broadcast information at locations where people gather in local areas, for example, local community centers, schools, houses of worship, or farm labor centers. As discussed in Section 5.2.1, developed partnerships with local organizations may assist with any of these outreach activities.

## 6. Interim Replacement Water Program

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This EAP provides interim drinking water solutions while the proposed P2 Management Zones develops permanent, long-term solutions to ensure residents are not drinking water impacted by nitrate. The Interim Replacement Water Program described below, at no costs to residents, will begin at the start of EAP implementation and continue until permanent solutions are in place. The Interim Replacement Water Program includes two elements: (1) Tailored Water Delivery Program to meet the needs of individual households, i.e., through bottled water delivery or installation of a POU Treatment System; and (2) consideration of a Centralized Water Delivery Program that makes water available to any proposed P2 Management Zone resident through establishment of water fill stations.

### 6.1 Tailored Water Delivery Program

The Tailored Water Delivery program is designed to meet needs of individual homeowners and is implemented in parallel with the Centralized Water Delivery program. Two replacement water options available in the Tailored Water Delivery program include: (1) bottled water delivery; and (2) POU treatment.

#### 6.1.1 *Request to Participate in Program*

The VWC will communicate the availability of this Interim Replacement Water Program to residents in the proposed P2 Management Zones through its targeted and general community outreach program (see Section 5). Residents will be directed to contact the VWC to discuss available services. For residents that want home bottled water delivery, or a POU treatment system installed in their home, the resident will be asked to fill out a Program Application Form (**Appendix I**) available at the VWC website or provided by email if requested. A VWC representative will assist with the preparation of this form if needed. Once a completed request form is received, the VWC will confirm the resident making the request meets the following eligibility criteria:

- A residence requesting service is a resident on a domestic well within a proposed P2 Management Zone and does not receive drinking water from a PWS where state- and/or county-mandated testing indicates the PWS complies with the nitrate water quality objective.
  - For residents requesting service that receives drinking water from a PWS that is non-compliant with the nitrate drinking water standard, where appropriate, the VWC will prioritize and target those that rely on domestic wells, and for the PWSs, will evaluate on a case-by-case basis the role of the Management Zone.

- Current drinking water source at the residence has a nitrate concentration that is > 10 mg/L-N. This may be verified by having the VWC conduct a well test at no cost to the resident (see Section 6.3 below).
- If a third-party vendor requires the resident to sign an agreement to receive bottled water or POU treatment, resident must be willing to sign the agreement and meet the third-party provider agreement’s terms and conditions.

If a resident meets the eligibility criteria, VWC will work with the resident to identify the best approach to receive interim replacement water from this program. Should a resident be ineligible to participate in this program (e.g., residence is not located within a proposed P2 Management Zone), the VWC will notify them of the decision and make sure they are aware of alternative options to obtain safe drinking water, e.g., through the use of a water fill station, if available in the area or other safe drinking water programs.

### 6.1.2 Bottled Water Delivery Option

Through the bottled water delivery option, participating residents will be provided regular bottled water deliveries at no cost from a vendor(s) contracted by the VWC. It is anticipated the vendor(s) providing the bottled water service will: (a) provide a hand pump (b) deliver 5-gallon water bottles monthly (Note: Smaller sized bottle options, e.g., 1 or 3-gallon, and deliveries twice per month may also be made available); and (c) pick-up the empty bottles. Initial volume of water allocated monthly to a household is based on household size as depicted in **Table 6-1**. If warranted, this initial volume may be modified on a case-by-case basis at any point during participation in this program option (see Section 6.1.5).

**Table 6-1. Initial 5-gallon Bottles Delivered per Month**

Household Size	5-gallon Bottles Delivered per Month
1	6
2	8
3	9
4	10
5	12
6	14
7	16
8	18
9	20
10	22

### **6.1.3 Point-of-Use Treatment System Option**

Through the POU treatment option, participating residents will be provided the POU treatment system at no cost from a vendor(s) contracted by the VWC. The POU treatment system option includes installation of a RO treatment unit under a sink where water is obtained by the resident for drinking or cooking purposes (e.g., under the kitchen sink). For every request of a POU treatment system installation VWC will require testing for a full range of water quality contaminants known in the subbasin, prior to installation. In some cases, due to site-specific circumstances a POU treatment system may not be a viable interim replacement water option for the residence. Reasons why installation of a POU treatment system may not be a viable option include, but may not be limited to:

- Inadequate incoming pressure to the treatment system;
- High nitrate levels in excess of 20 mg/L-N that limit the effectiveness of the POU treatment system to treat the water to a safe level;
- Presence of other contaminants besides nitrate that limit the effectiveness of the POU treatment system and/or are not treatable through the treatment device; and
- Presence of bacteria from the drinking water well; and
- Inadequate location for the POU treatment system waste stream disposal.

To support implementation of this replacement water option, the VWC will coordinate with DDW and the vendor(s) as needed to assist with POU treatment system technical issues. If the technical problems are unresolvable, the residence may alternatively participate in the bottled water delivery program.

Where a POU treatment system is a feasible interim replacement water option, following sampling and evaluation of additional water quality contaminants previously mentioned, and with a robust service plan in place, the VWC's vendor(s) will work with the resident to install the treatment system. The cost of these services will be borne by the respective Management Zone as long as the EAP is effective or until an alternative option is provided to ensure the residence has drinking water safe from nitrates. If the resident is not the owner of the residence, the process to install and maintain the POU System will require written approval of the property owner. In the event the landowner does not provide consent to install and maintain the POU system, the VWC will provide drinking water through an alternative source, such as the bottled water delivery option.

Once approved, the resident will schedule with the VWC's vendor(s) to install a POU treatment system at the residence. The robust service plan will include: (a) installation of the treatment device; (b) initial water testing to ensure the device is removing nitrate down to safe levels as expected; and (c) periodic maintenance of the POU treatment system (as required by the manufacturer, which may require that the vendor enter the home). If the resident does not allow required maintenance and monitoring of the POU System to take place (as per the vendor agreement), then the respective Management Zone has the discretion

to modify the approved interim replacement water option from a POU System to bottled water delivery.

Operation and maintenance (O&M) of a POU treatment system requires periodic monitoring to verify the treatment system is effectively treating nitrate as intended. If not, the VWC will work with the vendor to determine if an alternative POU treatment system could be installed to provide the necessary treatment, or the resident will be switched from POU to bottled water delivery immediately and the POU treatment system will be removed from the residence at no cost to the resident.

#### **6.1.4 Agreements Between Residents and Vendors**

VWC may select one or more vendors to implement the Tailored Water Delivery Program (Note: **Appendix J** lists potential vendors for the proposed P2 Management Zones). During vendor selection, VWC will confirm POU treatment vendors have adequate Operation and Maintenance program requirements. It is the responsibility of the VWC to ensure that its agreements with vendors to provide services to the proposed P2 Management Zones remain in effect as long as the EAP is effective. Selected vendors may have their own terms and agreements that must be met for their organization to provide services at a residence. Residents participating in the Tailored Water Delivery Program are responsible for the following:

- If an agreement between the VWC's vendor and resident is required to receive services, residents are responsible for establishing the agreements and complying with the terms and conditions of any signed agreements. VWC will assist residents as needed with any questions or issues that arise during establishment of the agreement with the vendor.
- For residents receiving bottled water delivery, to the extent practicable the resident is responsible for working with the third-party vendor to schedule delivery of bottled water and pickup of empty bottles. However, where necessary the VWC will provide scheduling support.
- For residents that will have a POU treatment system installed, the resident is responsible for working with the VWC's vendor to schedule installation and abide by any required maintenance of the POU treatment system. The cost of maintenance will not be the responsibility of the resident. However, once a long-term, permanent source of safe drinking water becomes available in the area that serves the residence, the VWC will no longer support the POU maintenance agreement. Some examples of long-term, permanent sources of safe drinking water may include, but not limited to, consolidation with a nearby compliant PWS, connection to a water well meeting nitrate drinking water standards, etc. As part of its ongoing community outreach efforts under this EAP, VWC will be obtaining input from residents on possible long-term, permanent solutions for the proposed P2 Management Zones. If a resident chooses to continue the use of the POU treatment system, even where permanent

drinking water solutions have been made available, the resident will be responsible for paying for maintenance services.

### **6.1.5 Program Assessment**

After implementation of service at a residence, VWC will contact the residence by email (by phone if an email is not provided), or other means deemed appropriate at that time by sending a recipient survey with the following topics:

- Application process
- Well sampling process with VWC's contracted certified lab
- Bottled water delivery service with VWC's contracted vendor
- POU treatment system service with VWC's contracted vendor

The recipient survey allows for residents to indicate their satisfaction level on a scale of 1-10 on the above listed topics along with sharing any feedback they may have on each of the topics. With the bottled water service, the resident is also asked if the amount of bottled water being provided is sufficient for the household. If needed, the VWC will increase or decrease the volume delivered. With the POU treatment system service, the resident is asked to provide any feedback on the installation process and operation.

To better understand if the VWC is meeting the needs of the residents, survey questions include:

- Overall satisfaction level of the VWC on a scale of 1-10.
- What does VWC do best?
- Suggestions to improve VWC's outreach efforts and ways to provide a better experience.
- Sharing any feedback on the VWC.
- If the resident would like VWC to follow up on their experience via email or phone.

## **6.2 Centralized Water Delivery Program: Water Fill Stations**

A water fill station is an independent water-dispensing facility connected directly to a PWS that meets drinking water standards and is constructed and operated consistent with any applicable, local, county, state and federal regulations, such as the California Safe Drinking Water Act as defined in the California Health & Safety Code and Titles 17 and 22 of the California Code of Regulations. The goal of the Centralized Water Delivery Program is to provide an additional alternative source for safe drinking water to the local community that may be accessed by any resident. This option requires installation of water fill stations to meet the drinking water needs of as many residents as possible. Any resident will be able to bring their water bottles to fill them as often as possible at no cost to them. The following

sections describe the activities to be implemented when developing a water fill station location.

### **6.2.1 Water Filling Station Locations**

Section 3 identified the areas within the proposed P2 Management Zones that are most likely impacted by elevated nitrate in the Upper Zone. Based on community feedback to date, the areas served by fill stations should not be too large to minimize the distance a residents' needs to drive to obtain water. The number, locations and scheduling of fill stations will be based on discussions with the community. If there is community interest, potential locations will be developed based on community consensus. It is possible a selected location could also benefit residents in neighboring proposed P2 Management Zones.

### **6.2.2 Requirements to Establish a Water Filling Station**

Filling stations can provide an all-encompassing option to obtain safe drinking water in the proposed P2 Management Zones. Development of this interim solution will require additional community input. The first step will be to closely work with community residents to identify potential locations for a fill station. Criteria that will be used to identify viable locations include, but may not be limited to:

- Community has indicated its support for the installation of the fill station.
- VWC can obtain permission to install and operate a station on land or property owned by a third party.
- Station receives its water from an existing PWS that (a) complies with state requirements to provide safe drinking water; and (b) has sufficient capacity to dispense water at a reasonable rate to fill up multiple containers (up to five-gallons) within a short period of time (target of 1.5-2 gallons/minute, consistent with California regulations for faucets in new residential construction).
- To the extent practical, the station location is within an area where the public already goes to meet other family needs, e.g., at a governmental facility, shopping center, school, or house of worship.
- Establishment of a station is not expected to create any safety issues for users, e.g., location is in a well-lit area and typically regular traffic occurs in the area.
- Vehicle access/parking is available and enough to not cause any unnecessary congestion.
- Operation of the fill station does not create noise impacts to neighboring properties, especially during nighttime hours.
- To the extent possible, the location meets the goal to have a water fill station open 24 hours/7 days per week.

### **6.2.3 Water Fill Station Development**

Once water filling station locations have been identified, the process for design and installation will begin. The following activities will be completed to establish a water fill station:

- Obtain property use agreement, as needed.
- Compile documents for design, permitting, installation and operation and maintenance (O&M) of the fill station. The content of these documents will be consistent with any local, county, state and federal regulations (Note, if available, VWC may use the specifications from other approved filling stations in the Central Valley Region as a template for the design and implementation of its own fill station).
- Establish agreement with the PWS supplying water to the fill station.
- Construct and complete tasks to make water fill station operational.
- Notify interested parties that water fill station is operational, including community participants, the Central Valley Water Board, PWS providing water and other interested parties in the proposed P2 Management Zones.
- Inform public regarding how to use the water fill station, e.g., where residents may obtain bottles and how to properly clean and store their bottles and water.

### **6.3 Residential Well Testing Program**

Implementation of the Tailored Water Delivery Program includes a Residential Well Testing Program paid for by the proposed P2 Management Zones to verify residents requesting bottled water or POU Treatment System services in their home have nitrate-impacted drinking water, nitrate levels exceeding 10 mg/L-N. Any resident within a proposed P2 Management Zone may request to have their well tested for nitrate. This well testing program is coordinated with other well testing programs in the area to the extent practical to provide opportunity for testing drinking water for other potential contaminants. To support this need, the VWC has established a co-funding agreement with the State Water Board for sampling other contaminants and providing replacement water through SAFER (See Section 6.4). In addition, where available, VWC will coordinate with other local and state agencies where opportunities arise to partner and obtain additional funding to address other contaminants in the proposed P2 Management Zones.

#### **6.3.1 Well Test for Nitrate**

Well testing will be provided to residents that live within the proposed P2 Management Zones boundaries, are not currently receiving drinking water from a nitrate-compliant PWS and receive their drinking water from a well. In addition, well testing will be provided to residents that live outside a proposed P2 Management Zone boundary *where* the resident is located immediately downgradient from a proposed P2 Management Zone dischargers within their area of contribution. The proposed P2 Management Zones will only test the well that provides water to the residence. If the resident does not know the source of water to the

household, e.g., whether the household receives nitrate-compliant water from a regulated PWS, VWC representatives will work with them to evaluate this question.

**Table 6-2** describes the five-step well testing program that will be implemented at a residence requesting well testing. Key elements include:

- Well needs to be operational and used regularly (well is the source of water used to provide drinking water to the residence).
- Permission from the property owner is required if the resident is not the owner of the property where the well test is requested (see Program Application Form in Appendix H). If requested by the resident, the VWC will follow up and obtain permission from the property owner on behalf of the resident. If the VWC learns that the resident is unable to obtain permission from the landowner or the landowner is not responsive to requests to obtain permission, the VWC will work with the Central Valley Water Board staff to address the issue.
- Requests to test a well may be received either from the resident or the property owner.
- Outreach will continue periodically to capture new residents that may have moved into the area.

**Table 6-2. Stages of Residential Well Testing Program**

Stage	Program Component
Step 1 – Resident Submits Program Application Form	Resident or property owner submits Program Application Form to VWC and indicates need to have well tested for nitrate. If the form has not been received by the resident by mail or at a community workshop, the form will also be available on the VWC website. In cases where the resident is not the property owner, property owner’s permission and signature will be required.
Step 2 – Eligibility Determination	VWC will verify residence is within a proposed P2 Management Zone or within an area of contribution of a discharger in the Management Zones and that the resident is not already having their well sampled under any other regulatory state or federal program(s) (as may be required for a PWS). Once verified the resident is eligible to have their well sampled under this EAP, the VWC will submit a work order to its contractor responsible for conducting wells sampling on behalf of the VWC. If the residence is not in the proposed P2 Management Zones or contribution areas, the VWC will advise the resident. If the residence is in an adjacent Management Zone, the resident will be referred to the VWC representative for the appropriate Management Zone.
Step 3 – Well Sampling	VWC’s contractor will contact the resident and schedule a date and time for sample collection. Contractor will collect the sample and deliver it to the VWC-approved laboratory within the required sample holding time.

**Table 6-2. Stages of Residential Well Testing Program**

Stage	Program Component
Step 4 – Evaluation of Results and Resident Contact	<p>Residents and property owners will receive a copy of the well test result in writing via email regardless of the nitrate concentration. However, if the test result indicates nitrate levels above the nitrate drinking water standard, the resident and property owner (if appropriate) also will be informed by email of the result within 24 hours of the VWC being notified. If an email was not provided on the Program Application Form, the VWC will call the resident and property owner (if appropriate) of the result. Once a lab report is available, the VWC will email the lab report or mail if no email was provided. The VWC will immediately begin coordinating with the resident (and property owner if needed) to implement an interim replacement water option. If the test result show that nitrate levels are <math>\leq 10</math> mg/L-N, the resident will not be able to participate in VWC's Tailored Water Delivery Program, but will be notified of other drinking water alternatives, e.g., water fill stations if available in the area. The resident or property owner may also be eligible for follow-up well testing under Step 5 below.</p>
Step 5 – Follow-up Well Testing	<p>For a resident or property owner that has a well test showing nitrate levels that are <math>\geq 7.5</math> mg/L-N but <math>\leq 10</math> mg/L-N, VWC will offer the opportunity to have follow-up well testing conducted. Within one year of receiving the well test result VWC will contact the resident or property owner to offer an opportunity to retest the well at no cost:</p> <ul style="list-style-type: none"> <li>• For a nitrate result between 7.5 and 10 mg/L-N: <ul style="list-style-type: none"> <li>○ A year after the initial well test, the VWC will send an email to the resident or property owner to provide an opportunity for a follow-up well test on an annual basis at no cost to the resident until the nitrate concentration is <math>&lt; 7.5</math> mg/L-N.</li> <li>○ If the resident or property owner does not respond within 30 days, the VWC will send a second email and attempt to reach the resident by phone.</li> <li>○ If still no response, then the VWC will end the outreach effort for that year; efforts to contact the resident or property owner will be documented in VWC's records.</li> <li>○ In the second year, after the initial well test, the VWC will again reach out as described above.</li> <li>○ If the resident or property owner is still non-responsive, then no more follow-up outreach will occur in the future under this EAP.</li> </ul> </li> <li>• For a nitrate result <math>&lt; 7.5</math> mg/L-N: <ul style="list-style-type: none"> <li>○ The VWC will reach out to the resident every five years or during the length of EAP implementation, whichever is longer, to offer an opportunity to retest the well at no cost to the resident.</li> <li>○ If the resident or property owner does not respond within 30 days, the VWC will send a second email and attempt to reach the resident by phone.</li> <li>○ If still no response, then the VWC will end the outreach effort for that year; efforts to contact the resident or property owner will be documented in VWC's records.</li> </ul> </li> <li>• If the resident or property owner does not want their well retested, no additional follow-up will occur with the resident in the future under this EAP.</li> </ul>

### 6.3.2 Well Testing for Other Contaminants

Although nitrate is the focus of the Nitrate Control Program, VWC understands the possibility that other contaminants may be present in the groundwater aquifer. Other state and regulatory programs are also looking into well testing programs in the Central Valley

targeting other groundwater constituents. For example, the State Water board provides well testing through the Safe and Affordable Funding for Equity and Resilience (SAFER) program under the Safe and Affordable Drinking Water Fund (see Section 6.4). Through this program, the VWC has secured a grant to support efforts to have a well tested for multiple constituents all at one time. This provides efficiency across regulatory programs and for the residences of the region who may have contaminated wells.

If at the time a resident or property owner requests their well be tested and SAFER funds or any other types of outside funding for the testing of other constituents are not available, a resident may request to have other constituents analyzed at their expense. VWC will still sample the well for nitrate, but provide this additional opportunity to residents, where appropriate (participation by the resident is entirely voluntary). If the resident is interested in this option, VWC will coordinate with them directly regarding how to implement this option.

If the well is sampled for other contaminants and the test results indicate constituents other than nitrate are detected in levels over drinking water standards, VWC will work with each resident and partnering entities to determine the best way for access to safe drinking water that may be available from other regional programs that are providing interim replacement water for constituents other than nitrate.

### **6.3.3 Coordination with Irrigated Lands Regulatory Program**

VWC will use their best efforts to coordinate its Residential Well Testing Program with ILRP's Drinking Water Well Monitoring Program. As there are overlaps between both regulatory programs, the VWC recognizes the importance to streamline a resident's desire to have their private domestic water well tested, regardless of which program their well is part of. If a resident applying for a well test under this program happens to be an enrolled parcel within the ILRP, if needed, the VWC will work with the resident and the associated Coalition member to determine if the well has been sampled through the ILRP and if not, to coordinate sampling of the resident's private domestic water well and to provide replacement water per the outlined steps of the Residential Well Testing Program defined in Section 6.3. In the event that the VWC tests a well that otherwise should have been tested under the requirements applicable to growers permitted under the ILRP, the well test conducted by the VWC does not constitute compliance with ILRP requirements and the grower/landowner is still responsible for meeting all ILRP requirements. However, the VWC wants to ensure that residents are not harmed or denied well tests just because the well in question happens to be located on an ILRP related parcel.

To further assist residents in enrolled parcels with the ILRP, the VWC will coordinate with Coalitions to obtain a list of nitrate well test results > 10 mg/L-N. Upon receiving this list, the VWC will send the resident a letter along with an application for the resident to participate in the VWC's bottled water delivery option. In addition, residents are offered additional well testing for other contaminants.

### **6.3.4 Central Valley Dairy Representative Monitoring Program**

The CVDRMP is working closely with selected dairy and confined bovine feeding operations within the Central Valley to implement a monitoring program to evaluate potential impacts of industry practices on first encountered groundwater. Domestic well testing is not part of the CVDRMP. However, the facilities permitted under the dairy/confined bovine feeding operation general orders and participants in the CVDRMP do test domestic wells and submit findings directly to the Central Valley Water Board. As a participant in the proposed P2 Management Zones, the CVDRMP will encourage dairies and confined bovine feeding operations to share domestic well test results with the VWC to facilitate implementation of the EAP in a more cost effective and efficient manner.

## **6.4 SAFER Grant**

As part of P1 Management Zones EAP implementation, VWC (along with other Management Zones) held discussions with the State Water Board's SAFER program to identify ways to enhance the EAP. As a result of these discussions, the VWC secured an approval of a co-funding agreement with the State Water Board of \$5.5 million for expanding their EAP. The approval was granted to VWC on December 17, 2021, with a funding agreement in place on September 28, 2022. The SAFER funds expands into proposed P2 Management Zones.

The purpose of the co-funding agreement was to establish and implement the Expanded Constituent Well Sampling and Replacement Water Program in conjunction and coordination with the Management Zone's efforts. This co-funding agreement provides funds to expand outreach efforts, conduct sample analysis for additional contaminants, and provide interim replacement water solutions for those with contamination issues beyond nitrate.

Under the co-funding agreement, the VWC provides funding labor and laboratory costs associated with sampling specifically for nitrate. SAFER funds are then used for any incremental increase in costs associated with sampling for other contaminants. SAFER funds are also available to be used to provide interim replacement water solutions to those residents that have contamination in addition to, or instead of, nitrate as long as the household in question is eligible under SAFER's guidelines.

Since the VWC SAFER agreement ended on December 31, 2025, the VWC has been working closely with the State Water Board to amend the co-funding grant agreement. As there will be potential for future program expansion and the need to keep the co-funding agreement in place, the VWC intends to continue efforts with the State Water Board to amend the co-funding grant agreement prior to its ending date or when funds are exhausted, as determined appropriate.

## **6.5 Monitoring and Data Management**

VWC will gather data to understand the effectiveness of community outreach activities, community involvement, and progress of EAP implementation. Information that is tracked includes communications with the residents, laboratory well test results, and other details necessary for reporting to regulators and internally. This is tracked in a database managed by the VWC. The following sections describe the minimum requirements for data collection and record-keeping.

### **6.5.1 Tailored Water Delivery Program**

In the Tailored Water Delivery Program, VWC will maintain the following data: (1) number of requests received to participate; (2) database of residents approved to participate; (3) follow up contact with residents to verify implementation at their residence; and (4) documentation of residences that were approved but did not follow through with implementation at their residence. Data will be obtained from third-party vendors periodically as follows for each residence where service is being provided:

- Bottled water delivery:
  - Initial bottled water delivery date
  - Usage of water
- POU treatment system:
  - Installation date of POU treatment system
  - Status of any recommended nitrate monitoring by POU manufacturer
  - Status of maintenance

### **6.5.2 Water Fill Stations**

VWC will monitor each water fill station it installs to obtain the following data: (1) volume of water dispensed; (2) dates and times that water is dispensed; (3) fill station sampling plan analytical results; and (4) cleaning schedule. At a minimum, this information will be analyzed periodically to:

- Determine patterns of usage at each facility;
- Confirm fill station is meeting drinking water standards;
- Determine if cleaning schedule at each facility is adequate;
- Evaluate whether additional water fill stations are needed because of high demand at specific locations; and
- Provide a basis for compensating the land/property owner for water usage.

If periods of high usage are identified at any water fill station, additional site monitoring may be temporarily conducted to determine if there are significant delays in obtaining water or congestion at the site.

### **6.5.3 Residential Well Testing Program**

Laboratory data, including those obtained through the ILRP – Drinking Water Well Monitoring Program for drinking water wells on enrolled parcels, will be used to continually update the information that the proposed P2 Management Zones uses to identify additional areas for targeted outreach. The following information will be maintained by this program:

- Requests received from residents to have their water tested and the outcome of the request.
- Laboratory reports indicating the sample date and the test results.
- Record of responses to residents and property owners informing them of their test results.
- Status of follow-up well sampling.
- Documentation of how a situation was resolved if the well was tested as part of the ILRP or dairy program, and how the resident’s drinking water needs are resolved if the well test indicates that the well exceeds the nitrate standard of 10 mg/L-N.

## **6.6 Program Implementation Metrics and Adaptive Management**

At the request of the Central Valley Water Board’s Executive Officer and in coordination with other P1 Management Zones, the VWC established the following metrics to track progress in the implementation of the P1 EAPs:

- Location, forum type and general attendance figures for all outreach efforts
- Number of residences tested for nitrates
- Number of residences tested for other contaminants
- Number of households being provided bottled water
- Number of operable fill stations/kiosks and usage information for each.

These metrics will continue to be used for Priority 2 Proposed Management Zones. In general, the proposed P2 Management Zones along with other P1 and P2 Management Zones will provide the above information typically on a monthly basis to the Central Valley Salinity Coalition (CVSC). The CVSC then compiles the information into a monthly report which is submitted to the CV-SALTS Executive Committee and includes the Central Valley Water Board. The Central Valley Water Board’s Executive Officer shares this information with the Central Valley Water Board in the Executive Officer reports, which are prepared and disseminated approximately six times per year. The information is summarized into a dashboard format and is also publicly available on the CVSC’s website at:

<https://cvsalts.mljenv.com/>.

The Management Zones report this information in numeric and graphic formats. Reported information includes illustration of periodic reporting for the non-outreach metrics (e.g.,

number of residences wells tested, people being served bottled water, and kiosk usage information). In addition to providing periodic reporting of the metrics described above, the Management Zones also report summary statistics of combined outreach activities. Outreach activities generally fall within the following fourteen outreach types split into two categories: people engagements and meetings and events.

- People Engagements include the following eight outreach types:
  - Mailers – This engagement includes the number of mailings and physical mail pieces Management Zones sent to homes.
  - Hand-delivered materials – This engagement includes the number of Management Zone materials dropped off at homes, such as door hangers, in mailboxes, etc., and does not include in-person contact.
  - Emails – This engagement includes the number of emails sent to deliver information on a Management Zone.
  - Flyers and packets – This engagement includes the number of printed Management Zone materials distributed through schools or other third-party distribution.
  - Newspaper articles – This engagement includes the estimated number of readers that would be exposed to Management Zone content, through paid or earned media promotions.
  - Radio and TV – This engagement includes the estimated number of listeners that may be exposed to Management Zone messages via radio mentions, TV coverage, through paid or earned media promotions.
  - Social media – This engagement includes the total number of people reached when exposed to Management Zone messages through social media.
  - Website visitors – Each Management Zone manages a website (VWC P1 and P2 Management Zones share the same website) that provides information regarding the program and allows for well testing applications to be submitted on-line. The Management Zones utilize on-line browser tools to track the number of website visitors, and receive and respond to applications submitted via the website.
  
- Meetings and events include the following six types:
  - Online meetings – This includes the number of attendees participating in Management Zone meetings via Zoom and other conferencing events.
  - In-person public meetings – This includes the number of attendees participating in Management Zone in-person meetings.
  - Briefings and reports – This includes the total audience that would attend Management Zone briefings/updates for officials, leaders, and organizations to describe and promote the Management Zone’s Nitrate Control Program.
  - Door-to-door meetings – This includes the number of people Management Zone representatives have spoken with at households.

- Open public events – This includes the number of contacts and conversations Management Zone representatives have with people at tabling public events at community-based events (e.g., County fairs, flea markets, farmers markets, food banks).
- Phone conversations – This includes the number of individuals Management Zone representatives have conversations with.

Any substantive changes to the EAP being considered will be discussed with the community through regular community meetings prior to submittal as a recommended change to the Regional Board. Recommended revisions to the proposed P2 Management Zones EAP will be submitted to the Executive Officer of the Central Valley Water Board (recommendations may be submitted by letter or as part of an EAP status report).

Unless the Central Valley Water Board objects to the recommended revisions to this EAP, VWC will begin implementation of the revised EAP within 60 days of submittal unless the Central Valley Water Board objects and notifies the VWC that this EAP is incomplete. If the Central Valley Water Board objects to the proposed revisions, the proposed P2 Management Zones will work with the Central Valley Water Board to address their concerns to the extent possible. If the proposed revisions are not approved, then the EAP will continue to be implemented as written.

## 7. Early Action Plan Implementation

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### 7.1 Schedule/Milestones

**Figure 7-1** illustrates the general schedule and key milestones for EAP implementation.

**Table 7-1** provides the detailed schedule of activities associated with each key component of this plan: General and Targeted Community Outreach, Interim Replacement Water Program, and Monitoring and Reporting. Where appropriate and to support a cost-effective strategy, some of these activities may be coordinated with the adjacent proposed P2 Management Zones.

If it is necessary to modify the EAP schedule, VWC will request modification to this EAP as a recommended revision following the process described in Section 6.6. The schedule modification request will be made to the Executive Officer of the Central Valley Water Board and include a description of the proposed modification, the reason(s) for the requested change and a proposed new schedule and/or milestone.

Task	Subtasks	2025				2026				2027			
		QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
General Community Outreach	Outreach to Management Zone	[Solid blue bar spanning all quarters from Q1 2025 to Q4 2027]											
	Conduct public community and stakeholder meetings	Public community and stakeholder meetings are held quarterly or when there is new information to share with community residents											
Targeted Resident Outreach	Develop mailing list of targeted residents	[Blue bar from Q2 2025 to Q3 2025]											
	Mailout Interim Replacement Water Program Materials	[Blue diamond at end of Q2 2025]											
	Coordinated outreach to non-compliant public water systems	[Blue bar from Q3 2026 to Q4 2026]											
	Conduct follow up outreach (as necessary)	[Blue bars from Q3 2025 to Q4 2025, Q3 2026 to Q4 2026, and Q3 2027 to Q4 2027]											
Interim Replacement Water: Bottled Water & POU Treatment Systems	Secure third-party vendor services	[Blue bar from Q1 2025 to Q2 2025]											
	Process requests for services (eligibility verification, well-testing, initiate services)	[Solid blue bar spanning all quarters from Q2 2025 to Q4 2027]											
	Follow-up with residents to confirm provided services	[Solid blue bar spanning all quarters from Q3 2025 to Q4 2027]											
Interim Replacement Water: Water Filling Stations	Work closely with residents to determine need for fill stations; if supported work with community on identifying locations and complete subsequent subtasks	Schedule dependent on residents' input											
Monitoring and Reporting	Gather monitoring data from all program activities	[Solid blue bar spanning all quarters from Q2 2025 to Q4 2027]											
	Prepare EAP status reports	[Blue diamonds at the end of each quarter from Q1 2025 to Q4 2027]											

**Figure 7-1. General Implementation Schedule for VWC Proposed Priority 2 Management Zones EAP**

**Table 7-1. Valley Water Collaborative EAP Implementation Schedule**

Task	Subtasks	Schedule (EAP Start Date: February 26, 2025)
<b>General Community Outreach</b>	Maintain VWC website, Facebook page, Instagram, and other social media platforms	Ongoing
	Maintain existing and develop additional mechanisms to provide notice to the public of EAP implementation activities	Ongoing
	As needed, prepare materials to support community outreach activities (e.g., flyers for upcoming meetings, FAQs, etc.)	Ongoing
	Send out public notice of upcoming community meetings	<ul style="list-style-type: none"> <li>• “Save the Date” public meeting notice – send within 5 business days prior to scheduled meeting.</li> <li>• Final meeting notice – send within 1-3 business days of meeting date (include Zoom link if meeting will be virtual).</li> </ul>
	<ul style="list-style-type: none"> <li>• Conduct public community meetings to provide:                             <ul style="list-style-type: none"> <li>- EAP status update;</li> <li>- Information on Interim Water Replacement Program options;</li> <li>- Implementation schedule;</li> <li>- Well-testing opportunity; and</li> <li>- Other topics as needed.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Initial EAP implementation kickoff meeting – March 2025.</li> <li>• Additional meetings – approximately quarterly after March 2025 kickoff meeting or when there is new information to present to residents.</li> </ul> <p>Note: When and where appropriate, VWC will make efforts to conduct in-person meetings and may provide a mixture of both in-person and virtual meetings to accommodate the needs of different individuals.</p>

**Table 7-1. Valley Water Collaborative EAP Implementation Schedule**

Task	Subtasks		Schedule (EAP Start Date: February 26, 2025)
<p><b>Targeted Resident Outreach</b></p>	<p>Establish mailing list for targeted residents (residents with domestic well in areas most likely impacted by nitrate at concentrations &gt; 7.5 mg/L-N)</p>		<p>Complete by April 30, 2025.</p>
	<p>Mailout Replacement Water Program information to residents on mailing list of targeted residents</p>		<p>Complete initial mailing by June 28, 2025. Conduct follow-up mailings, if needed.</p>
	<p>Conduct follow-up outreach to residents that did not respond to initial contact or had mailed information returned as undeliverable</p>		<p>As needed, but complete by July 15, 2025 for first mailing. Within 45 days after subsequent mailings when they occur.</p>
<p><b>Interim Replacement Water: Tailored Water Delivery Program</b></p>	<p>Establish third-party agreements with vendors to supply bottled water or install a POU treatment system</p>		<p>Prior to initial mailout of outreach packet to targeted residences (see above).</p>
	<p>Acknowledge receipt of service request from resident and initiate eligibility evaluation</p>		<p>The Program Application Form acknowledges receipt of the form upon completion. VWC will follow up within 2 weeks of receipt.</p>
	<p>Schedule and conduct well test to verify eligibility of requesting services</p>		<p>Resident contact information is sent to VWC contracted vendor and coordinates with resident to schedule well testing as quickly as possible.</p>
	<p>Advise residents of nitrate well test results</p>	<p>Result is &gt; 10 mg/L-N</p>	<p>Within 24 hours of receipt of test results, contact resident via email. Email includes test result and statement to initiate bottled water or POU treatment system programs. If no email is available, contact resident via phone with test results within 24 hours or receipt of test results and follow up with mailing test results.</p>
	<p>Result is ≤ 10 mg/L-N</p>	<p>Within 3 business days of receipt of test results, send written notice to the resident of ineligibility to participate in bottled water or POU treatment system programs (see Section 6.1 regarding other information to be communicated).</p>	

**Table 7-1. Valley Water Collaborative EAP Implementation Schedule**

Task	Subtasks		Schedule (EAP Start Date: February 26, 2025)
<p><b>Interim Replacement Water: Tailored Water Delivery Program (cont.)</b></p>	<p>Follow-up well testing if initial well test is <math>\geq 7.5</math> mg/L-N but <math>\leq 10</math> mg/L-N</p>	<p>Initial well test is <math>\geq 7.5</math> mg/L-N but <math>\leq 10</math> mg/L-N</p>	<p>Within one-year offer resident the opportunity to retest the well at no cost. If the resident:</p> <ul style="list-style-type: none"> <li>• Does not want their well retested, no additional follow-up is required.</li> <li>• Agrees to have the well retested and the result remains between 7.5 and 10 mg/L-N, then the Management Zone will continue to reach out to the resident on an annual basis to provide the opportunity to have the well tested at no cost to the resident until the nitrate concentration is <math>&lt; 7.5</math> mg/L-N (see Section 6.3.1, Table 6-2 for more detailed process).</li> </ul>
	<p>Follow-up with residents participating in bottled water/POU program to verify: (a) services are being received as contracted; and (b) bottled water recipients have sufficient water being delivered</p>		<p>Conduct check-in with each resident within 90 days after confirming eligibility to receive bottled water/POU treatment system programs.</p>
<p><b>Interim Replacement Water: Fill Stations</b></p>	<p>Work closely with residents to identify planning locations of fill stations</p>		<p>To be discussed with residents during EAP implementation at community meetings. VWC will work with the residents on best opportunities and timing for fill stations.</p>
<p><b>Monitoring and Reporting</b></p>	<p>Collect monitoring data/maintain records as described in Section 6.5</p>		<p>Ongoing</p>
	<p>Provide data to support compilation of EAP program metrics in collaboration with other Management Zones into the Nitrate Control Program dashboard on CV-SALTS website; participate in EAP status reports to the Central Valley Water Board through CV-SALTS Executive Committee Meetings</p>		<p>Monthly in conjunction with CV-SALTS Executive Committee Meetings.</p>

## 7.2 Funding Mechanism

Since the VWC was formed in 2020, it has demonstrated its commitment to funding the implementation of the EAP to provide safe drinking water to residents in established P1 Management Zones. The VWC is committed to expanding EAP implementation in the proposed P2 Management Zones. All efforts to provide safe drinking water are funded through the combined support of P1 and P2 Management Zone participants. Each Management Zone participant voluntarily participates in the Management Zone, and as part of their volunteer participation signs a Participation Agreement with the Management Zone whereby the participant commits to providing their share of costs for implementation of the Nitrate Control Program in the Management Zone. As part of the annual budgeting process, the Board of Directors re-evaluates, and if necessary, revises the existing cost allocation applied to each participant. A final budget is approved by the Board of Directors.

In addition to financial contributions provided by Management Zone participants, the VWC may also seek (or support efforts of other entities to seek) local, state, and federal funds that are available to support implementation of short-term and long-term drinking water or nitrate management projects or activities. For example, the VWC secured a SAFER grant through a co-funding agreement with the State Water Board. Since the agreement ended on December 31, 2025, the VWC is working closely with the State Water Board to amend the co-funding grant agreement. The purpose of the co-funding agreement is to establish and implement the Expanded Constituent Well Sampling and Replacement Water Program in conjunction and coordination with Management Zone implementation activities. This co-funding agreement is providing funds to conduct multiple contaminants well testing to identify potential applicants, who when qualified, may receive interim replacement water solutions as described in FMZP Section 6.4.

VWC also continues to explore potential supplemental funding sources, including but not limited to, grant and loan programs administered by the State Water Board and Department of Water Resources, which are intended for drinking water and agricultural water quality improvement.

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# **Appendix A: Valley Water Collaborative Community Engagement Strategy**

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# Valley Water Collaborative: Community Engagement Strategy

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**Valley Water  
Collaborative**

valleywaterc.org

*Prepared by:*

GEI Consultants, Inc.

Luhdorff & Scalmanini Consulting Engineers



*January 2026*

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Table 1. Summary of Completed and Planned Management Zone Outreach Activities

# 1. Community Engagement Strategy Purpose

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The purpose of this Community Engagement Strategy (“Strategy”) is to develop and implement an active outreach program for the Valley Water Collaborative (VWC) to utilize throughout the development and implementation of the Early Action Plan (EAP) as required by the Nitrate Control Program. The goal of the Strategy is to ensure that nitrate-impacted residents can participate in the development of the EAP which, when implemented, will provide local interim solutions for obtaining safe drinking in the VWC Priority 2 Management Zones (VWC P2 Management Zones) which include the Delta-Mendota, Eastern San Joaquin, Madera, Merced, and Yolo Management Zones. This document establishes mechanisms to share informational materials to the public as well as coordinating with non-dischargers. These non-dischargers include local government entities and organizations, which have been identified as potential partners to assist with EAP development and implementation in the local communities.

The outreach mechanisms described in this document is incorporated into the EAP community outreach program and supplemented where needed. This evolution of the community outreach program from a strategy to an active EAP program will ensure the local community is given the opportunity to participate in the development of long-term, permanent safe drinking water solutions for the VWC P2 Management Zones.

The following sections provide a comprehensive overview of engagement strategies for the VWC to employ throughout the community engagement efforts. This Strategy has been developed in accordance with the *Guidance for Engaging Communities During Development of Early Action Plans* prepared by the State Water Resources Control Board (State Water Board) in 2020. This Strategy has and may be updated, as needed, to streamline community engagement activities, where reasonable and feasible, to promote those activities that are most effective in reaching the local community. In addition to identifying outreach mechanisms, this document also captures outreach activities ongoing or planned at this time.

Residents with any questions or concerns about the EAP may contact the VWC by the following methods:

- By phone at (209) 750-3867
- By email at [contact@valleywaterc.org](mailto:contact@valleywaterc.org)
- Through VWC website at <https://valleywaterc.org/>
- Direct Mail: 1201 L Street, Modesto, CA 95354

VWC staff will respond to any questions or concerns during normal business hours in a timely manner. For any residents needing translation services, access to bilingual staff will be available and additional language resources will be provided as needed.

## 2. Goals and Desired Outcomes

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The goal of this Strategy is to describe the planned outreach activities for engaging potentially impacted community members and interested non-dischargers in the development and implementation of the EAP required by the Nitrate Control Program. The strategies included within are to be used by the VWC to provide opportunities for communities and non-dischargers to participate in the development of safe drinking water alternatives. This plan will serve as a roadmap to support achieving the desired outcomes identified below.

- **Objective 1 – Educate the public about the development and implementation of the EAP and their opportunities for participation:** Community and non-discharger input is critical to the successful development and implementation of the EAP. Since community feedback is vital for developing a successful EAP, recommendations on interim and long-term drinking water solutions will be taken into consideration and included in the EAP where reasonable and feasible. This valuable input will guide decision-making and the development of interim and long-term drinking water solutions.
- **Objective 2 – Engage a diverse group of community members and non-dischargers representing different social, cultural, and economic elements of the population:** The Strategy was developed with thoughtful consideration about how to engage the diverse array of communities and non-dischargers by providing multiple and varied opportunities for public participation. The Strategy outlines multiple methods for communication with varied audiences.
- **Objective 3 – Make community and non-discharger participation easy and accessible:** One way to increase engagement is to make participation easier for communities and non-dischargers by providing a variety of methods or venues for the public to access information as well as to provide input and feedback. This Strategy includes opportunities for online and in-person communication at public meetings to make engagement as easy as possible for communities and non-dischargers.
- **Objective 4 – Provide a roadmap for VWC leadership:** The Strategy provides a clear roadmap for the VWC to follow, keeping engagement efforts consistent and on track with the aim to develop widespread support for development and implementation of the EAP. A schedule of completed public outreach events to develop this EAP has been included.

The objectives and desired outcomes listed above are the drivers for this Strategy. These objectives inform and shape the remainder of this document, which will be updated continuously throughout the community engagement process to optimize engagement strategies. While substantial efforts have already been taken to initiate community engagement, this document may evolve as more community and non-discharger information is acquired. Thus, this Strategy is considered a “living” document to be updated, if needed, to conduct community outreach in a reasonable and feasible manner.

## **3. Communities and Non-Dischargers**

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The VWC is committed to an open and active process to discuss interim and long-term safe drinking water solutions with all interested community members and non-dischargers within the VWC P2 Management Zones. A final list of communities and non-dischargers targeted for outreach has been developed and included in the EAP. Since outreach efforts are ongoing, the list will be periodically updated to add new contacts. Initial outreach efforts will focus on connecting with all communities and their residents as well as establishing points of contact for non-discharger organizations. Once drinking water needs are characterized, community outreach efforts will focus on those communities and areas that are impacted by nitrate. A summary of these initial outreach efforts is included in Section 5.1 below.

### **3.1 Potentially Impacted Communities and Unincorporated Areas**

The EAP identifies areas within the VWC P2 Management Zones most likely impacted by elevated nitrate levels in groundwater. Initial outreach efforts are focused on reaching all potentially impacted communities and unincorporated areas in the Management Zones without regard to areas where nitrate contamination is likely most prevalent. As community engagement efforts evolve and the extent of drinking water concerns are further identified and characterized, specific areas will be identified for direct targeted outreach. While this targeted outreach may begin during EAP development, it will certainly be a key component of outreach during EAP implementation.

### **3.2 Non-Dischargers**

The Nitrate Control Program requires that a Management Zone establish a process for coordinating with others that are not dischargers to support efforts to address drinking water issues. Per the regulations, this effort should consider coordinating with affected communities, domestic well users and their representatives, the State Water Board's Division of Drinking Water, local planning departments, local County health officials, Sustainable Groundwater Management Agencies, and other entities as appropriate. The purpose of engaging with non-dischargers is to inform and, where appropriate, solicit help from representatives of non-discharger organizations throughout the development and implementation of the EAP. A list of non-dischargers included in outreach efforts for the VWC P2 Management Zones is included in the Final Management Zone Proposal (FMZP). Outreach to non-dischargers began during EAP development and will continue during EAP implementation.

## **4. Communication Protocols, Venues, and Methods**

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The VWC encourages the active involvement of diverse social, cultural, and economic elements of the population in planning for the development and implementation of the EAP. To achieve this goal, multiple community engagement methods will be employed as described below.

### **4.1 Targeted Engagement**

Engagement efforts of the VWC are focused on potentially nitrate-impacted communities and non-dischargers. However, all residents in the VWC P2 Management Zones will remain informed on outreach activities.

#### **4.1.1 Impacted Residents**

Communicating directly with residents is of the highest priority and a variety of approaches will be used to communicate with local communities to inform and invite them to participate in VWC outreach activities. These efforts are described in the sections below and range from conducting community outreach meetings and providing access to informational materials to providing opportunity to review and comment on outreach activities, EAP implementation, and long-term solutions.

Where needed, outreach efforts will use culturally appropriate language when framing aspects of the Nitrate Control Program and developing interim and long-term drinking water solutions. To support this strategy element, information has been gathered regarding languages spoken in the communities within the VWC P2 Management Zones and translation services will be offered as needed. Preliminary research on community demographics has been conducted, which identified English as the primary language followed by Spanish. Given these findings, outreach activities will include Spanish translation as often as possible. Moreover, as the outreach process moves forward, the VWC will continue to evaluate the need to offer translation services other than Spanish. The outcome of the VWC's research on local community profiles is included in the EAP.

#### **4.1.2 Non-Dischargers**

The focus of outreach to non-dischargers will be to inform and, where needed, solicit help from representatives of non-discharger organizations, e.g., local government entities, schools, community leaders, and nonprofit organizations. Through direct outreach to non-dischargers (e.g., via email and telephone calls), the VWC has identified several organizations that are willing to assist in facilitating outreach efforts to the community. Specifically, the VWC is providing Management Zone information and meeting notices to representatives of these

organizations for online posting or emailing through their contact list. The EAP will document non-discharger participation, including the organizations that assisted with community outreach.

## **4.2 Meeting Opportunities**

Public meetings will be held periodically in the VWC P2 Management Zones for residents, non-dischargers, and other stakeholders, including permitted dischargers subject to the requirements of the Nitrate Control Program. The purpose of these meetings is to keep participants informed during development and implementation of the Nitrate Control Program, request input on key elements proposed for inclusion in the EAP and provide opportunity for the public to have their questions answered. Potential options for obtaining safe drinking water in the interim while long-term solutions are developed will be discussed at these meetings.

To accommodate various methods of meeting opportunities, meetings will be conducted using a combination of online platforms and/or venues for public meetings will be chosen to optimize public accessibility and attendance. A record of those invited and attending these meetings will be maintained throughout the implementation of the EAP. Opportunities for public comment and engagement will be provided at all public meetings. Community residents are encouraged to join and participate in the VWC P2 Management Zone committees. When limited to online platforms for conducting meetings, at appropriate times during the public outreach process, the VWC plans to use virtual polling techniques and online questionnaires as a means to obtain input from meeting participants.

The VWC will provide as much notice of upcoming meetings as is practical with a goal of notifying potential participants of an upcoming meeting at least 5 business days prior to the meeting. Agendas and any other relevant information, including how to attend the meeting (e.g., Zoom links), are posted at least 1-3 business days prior to each meeting. Residents may contact the VWC by phone or email to request hard copy of meeting materials to be directly mailed to them prior to meetings. The dates and times and means of access to meetings will also be posted on the VWC website (<https://valleywaterc.org/meetings/>), Facebook page, Instagram, and other social media platforms. Three rounds (events) of meetings specifically targeting the local community were held during EAP development. During each of these events, meetings were held at two different times within the same week to give the local community more than one option to participate in the outreach activity.

Meeting summaries and/or presentation materials will be posted on the VWC website as soon as they are completed and available following the meeting. Meetings conducted virtually are recorded and the recording will be posted on the VWC website. Where appropriate, the VWC may also notify meeting participants via email (if available), Facebook page, Instagram, and other social media platforms of the availability of post-meeting information or opportunities to comment on meeting information. At a minimum, meeting notices will be produced in

both English and Spanish. Spanish translation services will be offered for public meetings. However, based on community input from residents and key community leaders/organizations, which may be language based, VWC will evaluate the need for additional language translation support. VWC intends to rely on local language-based community groups to provide direction regarding how to best reach out to their own community. Access to bilingual staff will be available and additional language resources will be provided as needed.

### **4.3 Mechanisms to Share Information**

The VWC will use a variety of methods to share information with the community and non-dischargers. These methods are described in the following sections. In addition to providing information and materials in physical locations, directions for requesting hard copy materials will be included on electronic flyers sent via email and posted on VWC's Facebook page, Instagram, and other social media platforms. All outreach materials will be reviewed with community-based organizations prior to distribution to the public to ensure materials are understandable for the community.

#### **4.3.1 Valley Water Collaborative Webpage**

The VWC maintains a webpage for listing upcoming public meetings, posting information from past meetings and providing information about the development of the Management Zone and implementation of the Nitrate Control Program (<https://valleywaterc.org/>). This platform is used to communicate information during the development and implementation of the EAP as well as other supporting documents required by the Nitrate Control Program. The webpage provides the opportunity for members of the public to subscribe to receive VWC updates, news, and meeting/event announcements. It will also provide information on meeting dates, locations, times, agendas, meeting summaries, handouts, presentations, and reports. In addition to VWC's webpage, similar information will also be posted on VWC's Facebook page (<https://www.facebook.com/Valley-Water-Collaborative-340350387401852/>), Instagram (<https://www.instagram.com/valleywatercollaborative/>), and other potential social media platforms.

#### **4.3.2 Explanatory Materials**

Explanatory materials such as fact sheets, presentations, and informational documents will be created as needed to communicate EAP and Nitrate Control Program related concepts and information to stakeholders and the public. As appropriate, a Spanish translation of these explanatory materials may also be made available. Materials will be created with the stakeholder and local community in mind, communicating concepts in layman's terms, and utilizing reader-friendly graphics to reinforce understanding. A frequently asked questions (FAQ) document has been created to explain the basics about the Nitrate Control Program, risks of nitrate contamination and general information about the development and

implementation of the EAP (<https://valleywaterc.org/faqs/>). The use of FAQs may be expanded as the program further develops. As needed, flyers geared toward announcing community meetings or other outreach activities will be developed, posted on the VWC webpage, Facebook page, Instagram, other social media platforms, and sent out to representatives of non-discharger organizations for distribution to community members.

### **4.3.3 General Communications**

The VWC is developing a comprehensive contact list for the Management Zones. The initial effort has been focused on acquiring email contacts from any potential participants, but efforts to acquire physical mailing addresses of potentially impacted residents will be implemented over time. Interested parties can request to be added to the VWC contact list at any time. No interested party will be removed from the contact list unless the party requests removal. Only contact information including resident name, address, phone number, and email will be collected. This information is used to follow up on outreach activities and questions. Personal information will not be shared with the public. The need for general communication in the Management Zone includes, but not limited to:

- **Meeting and Event Notifications** – Distribute invitations for all Management Zone related meetings and events as well as provide reminders regarding activities such document comment periods.
- **Requests for Public Comment** – During public comment periods on the Preliminary Management Zone Proposal (PMZP), FMZP, Management Zone Implementation Plan (MZIP) or other documents, community members and stakeholders will be given opportunity to submit comments on the VWC webpage, phone, or by email.
- **Direct Mailing** – As areas with potentially elevated nitrate in groundwater are identified through EAP development and implementation, direct mailings to local residences within those areas will be implemented to the maximum extent practicable.
- **Social Media Platforms** – Utilize VWC’s Facebook page, Instagram, other social media platforms and outlets such as newspapers, and radio stations to distribute information for Management Zone related meetings and events. This method will help expand community outreach efforts to reach a greater number of potentially impacted residents.

## 5. Planned Outreach Efforts and Ongoing Implementation Challenges

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This section lists the ongoing and planned future tasks intended to implement this Strategy and meet the goals identified in Section 2. The VWC P2 Management Zones FMZP and EAP includes detailed summary of all outreach activities completed during EAP development as part of the implementation of this Strategy. Looking towards the future, the EAP also includes a detailed community outreach program that will be carried out during EAP implementation. That program will include elements of this Strategy supplemented as needed to fulfill the purposes of EAP implementation. The sections below summarize outreach activities during EAP development, planned for EAP implementation, and a summary of challenges encountered to date.

### 5.1 Initial and Planned Outreach Activities

Initial outreach efforts have been geared toward establishing communication with potentially impacted communities and non-dischargers. As EAP implementation progresses, the VWC will explore and employ additional mechanisms to obtain community contact information. Initial or planned outreach efforts include:

- Identification of potentially impacted communities and non-discharger organizations in the VWC P2 Management Zones to support development of a community contact list. This effort has included developing community profile information for each Management Zone.
- Conducting telephone calls and sending emails to identified non-dischargers including government agencies and non-governmental organizations (NGOs) to determine their interest and ability to help facilitate community outreach efforts including emailing meeting notices and posting information to their webpages. Currently the non-discharger contact list includes individuals representing varied interests within the VWC P2 Management Zones.
- Establishment of a subscription feature on the VWC webpage (<https://valleywaterc.org/connect/>) to enable interested parties to sign up for meeting and event notices.
- Preparation of flyers and educational materials to support community outreach meetings and provide the community with general information about the VWC P2 Management Zones.
- Coordination activities with local NGOs.

- Development of meeting presentation materials and documentation of participation in stakeholder and community outreach meetings. Materials prepared to date are posted on:
  - VWC website (<https://valleywaterc.org/meetings/>),
  - Facebook page (<https://www.facebook.com/Valley-Water-Collaborative-340350387401852/>)
  - Instagram (<https://www.instagram.com/valleywatercollaborative/>).
- Development and release of public meetings notices for meetings targeted at stakeholders and the local community.

## 5.2 Planned Management Zone Outreach

The VWC has planned a series of stakeholder and community outreach activities to support development of the Management Zones and preparation of the EAP. Anyone may participate in the meeting activities, but the focus of meetings varies: (a) stakeholder meetings target those directly impacted by the Nitrate Control Program (e.g., permitted dischargers) and those with interests in ensuring that safe drinking water is available to all residents, i.e., non-dischargers within the Management Zone; and (b) community outreach meetings target to those directly affected by nitrate contamination in their drinking water. **Table 1** below summarizes the activities during FMZP/EAP development. Following completion of Management Zone outreach activities, relevant information from the meeting is posted on the VWC website (<https://valleywaterc.org/events/>), Facebook page, Instagram, and other social media platforms. Recordings of each meeting are also posted (applicable only for virtual meetings).

## 5.3 Challenges Encountered

The VWC encountered several challenges during initial outreach efforts. Examples include:

- Minimal responses from contacted non-discharger entities and organizations (e.g., full voicemail boxes).
- Outdated contact information obtained in initial identification of communities and non-dischargers.
- Limited ability for NGOs involved in community drinking water issues to assist in outreach due to a lack of an active presence in the area.
- Some organizations have policies that do not allow “advertising”, which apparently includes the Nitrate Control Program.

Regardless of these challenges, the VWC continues to “work” the area to develop new contacts to reach out to the local community. This effort will be assisted by direct mailout of information to local residents once a more targeted area has been identified.

**Table 1. Summary of Completed Management Zone Outreach Activities**

Activity	Date	Purpose
Community Outreach Meeting #1	August 13, 2024 (2 – 3:30 pm) August 15, 2024 (6 – 7:30 pm)	Introduction of the VWC and Nitrate Control Program. Overview of potentially nitrate-impacted areas, possible interim solutions, and how residents participate.
Community Outreach Meeting #2	October 10, 2024 (2 – 3: 30 pm) (6 – 7:30 pm)	Overview of nitrate conditions and potential interim drinking water solutions under the EAP as well as the opportunity to provide feedback on potential interim replacement water program elements. Inform about public draft EAP and opportunity to review and comment.
Community Outreach Meeting #3	October 29, 2024 (3 – 4:30 pm) Hybrid; Merced October 30, 2024 (3 – 4:30 pm) Hybrid; Stockton	Present draft EAP contents and reminder for community participants to review and comment on public draft EAP.
Stakeholder Meetings	Multiple hybrid meetings	Multiple hybrid meetings were held across all Management Zones with topics discussed included: an introduction of the VWC and Nitrate Control Program, an overview of nitrate conditions, discharger commitment process, selecting Advisory Committee Members, discharger outreach, contents of the EAP, potential interim drinking water solutions under the EAP, presentation of the draft EAP to provide opportunity for community participants to review and comment on the public draft EAP.
Public Review of Draft EAP	October 4, 2024	Release of Public Draft for comments. Comment period closed November 1, 2024.
Public Review of Draft PMZP	November 22, 2024	Release of Public Draft for comments. Comment period closed December 9, 2024.
Public Review of Draft FMZP and EAP	January 16, 2026	Release of Public Drafts for comments. Comment period closed January 30, 2026.

## References

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State Water Resources Control Board. 2020. *Guidance for Engaging Communities During Development of Early Action Plans – Central Valley Nitrate Control Program*. June 2020.

# Appendix B: Delta-Mendota Management Zone

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## Appendix B: Delta-Mendota Management Zone

- B-1 Delta-Mendota Management Zone Community Profile
- B-2 Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Delta-Mendota Management Zone
- B-3 Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Delta-Mendota Management Zone
- B-4 Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Delta-Mendota Management Zone
- B-5 Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Delta-Mendota Management Zone
- B-6 Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Delta-Mendota Management Zone
- B-7 Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Delta-Mendota Management Zone
- B-8 Compliance Status for all Public Water Systems in the Proposed Delta-Mendota Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)
- B-9 Domestic Wells Located Outside Public Water System Areas in the Proposed Delta-Mendota Management Zone and Adjacent Management Zone
- B-10 Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Delta-Mendota Management Zone
- B-11 Nitrate Groundwater Dataset for Proposed Delta-Mendota Management Zone

## Appendix B-1: Delta-Mendota Management Zone Community Profile

Data has been gathered for the Disadvantaged Communities (DAC) in the Delta-Mendota Management Zone for the purpose of EAP development. In accordance with the State Water Board’s *Guidance for Engaging Communities During Development of Early Action Plans*, a community profile table has been compiled to better understand communities within the Management Zone. Appendix B-1 provides DAC demographic data to help understand how best to engage with these impacted communities and encourage participation during EAP development. It is important to understand and account for community diversity to ensure drinking water solutions are appropriately developed with residential input and affected communities are informed on how the Nitrate Control Program will impact them. Notably, this table identifies languages other than English in the region including Spanish and Other Indo-European to bridge potential translation gaps to help ensure success of the EAP.

**Community Demographics for Disadvantaged Communities in the Delta-Mendota Management Zone<sup>1</sup>**

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Crows Landing CDP	322	\$34,648	English, Spanish	0.16%	0%	1%	39%	0.0%	10%	26%	7%	16%
Dos Palos city	5,798	\$51,230	English, Spanish	1%	0.50%	1%	37%	0.14%	12%	19%	8%	21%
Dos Palos Y CDP	310	\$37,857	English, Spanish	0.33%	1%	0%	36%	0.17%	12%	27%	6%	17%
Firebaugh city	8,096	\$36,078	English, Spanish	1%	0.20%	0.28%	47%	0.04%	3%	20%	16%	13%
Grayson CDP	1,041	-	English, Spanish	1%	0.34%	1%	45%	0.05%	3%	27%	9%	13%
Gustine city	6,110	\$51,636	English, Spanish	1%	1%	0.33%	32%	0.09%	17%	18%	8%	23%
Mendota city	12,595	\$43,315	English, Spanish	1%	0.12%	0.12%	49%	0.01%	1%	26%	13%	10%

**Community Demographics for Disadvantaged Communities in the Delta-Mendota Management Zone<sup>1</sup>**

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Modesto city	218,464	\$73,275	English, Spanish, Other Indo-European	1%	4%	2%	24%	1%	21%	13%	8%	26%
South Dos Palos CDP	1,747	-	English, Spanish	2%	0.42%	3%	44%	0%	4%	18%	8%	21%
Volta CDP	366	-	English, Spanish	0.42%	0.14%	0%	35%	0%	13%	19%	9%	22%

<sup>1</sup>Table developed using the US Census ([https://data.census.gov/profile/United\\_States?q=010XX00US](https://data.census.gov/profile/United_States?q=010XX00US)) 2020 Decennial Census and 2022-2023 American Community Survey (ACS) data.

<sup>2</sup>DACs were identified by using the Department of Water Resource's DAC Mapping Tool Census Places (ASC: 2016 – 2020): (<https://gis.water.ca.gov/app/dacs/>), where DACs are determined by California's MHI and utilizing the state DAC threshold of 80-percent.

<sup>3</sup>Languages spoken > 5-percent as listed in the 2022 ACS data. Use of this threshold is recommended in Guidance for Engaging Communities During Development of Early Action Plans (State Water Board, June 2020).

<sup>4</sup>-" indicates data was not available.

The Table below (Delta-Mendota Management Zone DAC Point of Contacts for Nitrate Control Program) identifies key community members from each identified DAC in the Management Zone. It is important to identify these contacts to support community outreach efforts for increased participation and input on long-term drinking water solutions. This is a living document and will be updated during EAP implementation. Data gaps are identified, and efforts will be made to reach out to these communities to identify a point of contact.

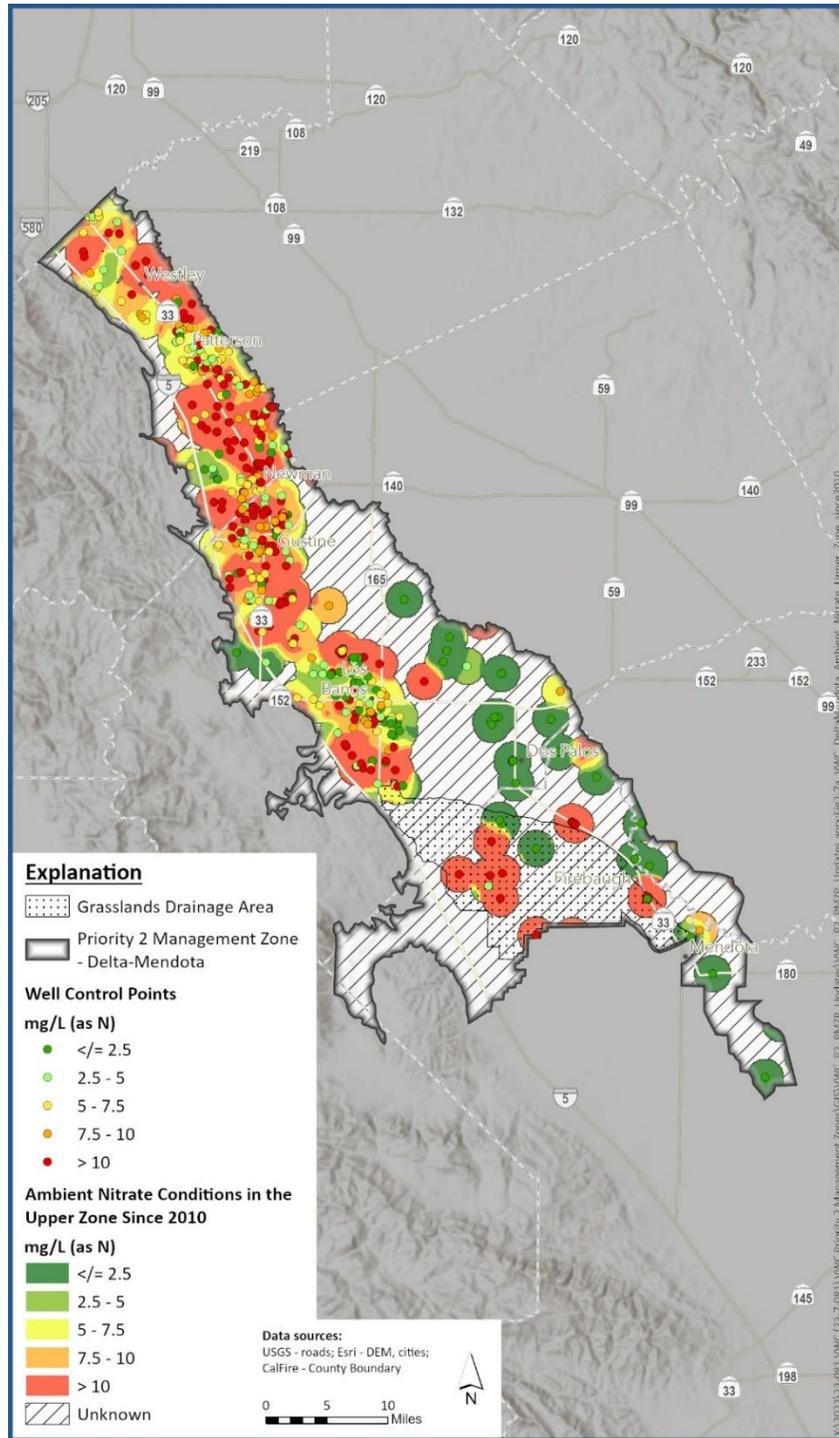
**Delta-Mendota Management Zone DAC Point of Contacts for Nitrate Control Program**

DAC	Point of Contact	Phone Number	Email Address
Crows Landing CDP	Connie Payan	(209) 484-1096	<a href="mailto:conniepayan26@gmail.com">conniepayan26@gmail.com</a>
	Russell Richards Fowler	(209) 525-4470	<a href="mailto:fowlerr@stancounty.com">fowlerr@stancounty.com</a>
Dos Palos city	Graig Hackett	(209) 392-2174	<a href="mailto:cityofdp@cityofdp.com">cityofdp@cityofdp.com</a>
Dos Palos Y CDP*	Scott Silveira	(209) 385-7666	<a href="mailto:Scott.Silveira@countyofmerced.com">Scott.Silveira@countyofmerced.com</a>
Firebaugh city	Michael Molina	(559) 659-2043	<a href="mailto:mmolina@firebaugh.org">mmolina@firebaugh.org</a>
Grayson CDP	Connie Payan	(209) 484-1096	<a href="mailto:conniepayan26@gmail.com">conniepayan26@gmail.com</a>
	Russell Richards Fowler	(209) 525-4470	<a href="mailto:fowlerr@stancounty.com">fowlerr@stancounty.com</a>
Gustine city	Gary Ingram	(209) 854-6183	<a href="mailto:g Ingram@cityofgustine.com">g Ingram@cityofgustine.com</a>
Mendota city	Cristian Gonzalez	(559) 655-4298	<a href="mailto:cristian@cityofmendota.com">cristian@cityofmendota.com</a>
Modesto city*	TBD	TBD	TBD
South Dos Palos CDP*	Scott Silveira	(209) 385-7666	<a href="mailto:Scott.Silveira@countyofmerced.com">Scott.Silveira@countyofmerced.com</a>
Volta CDP*	Scott Silveira	(209) 385-7666	<a href="mailto:Scott.Silveira@countyofmerced.com">Scott.Silveira@countyofmerced.com</a>

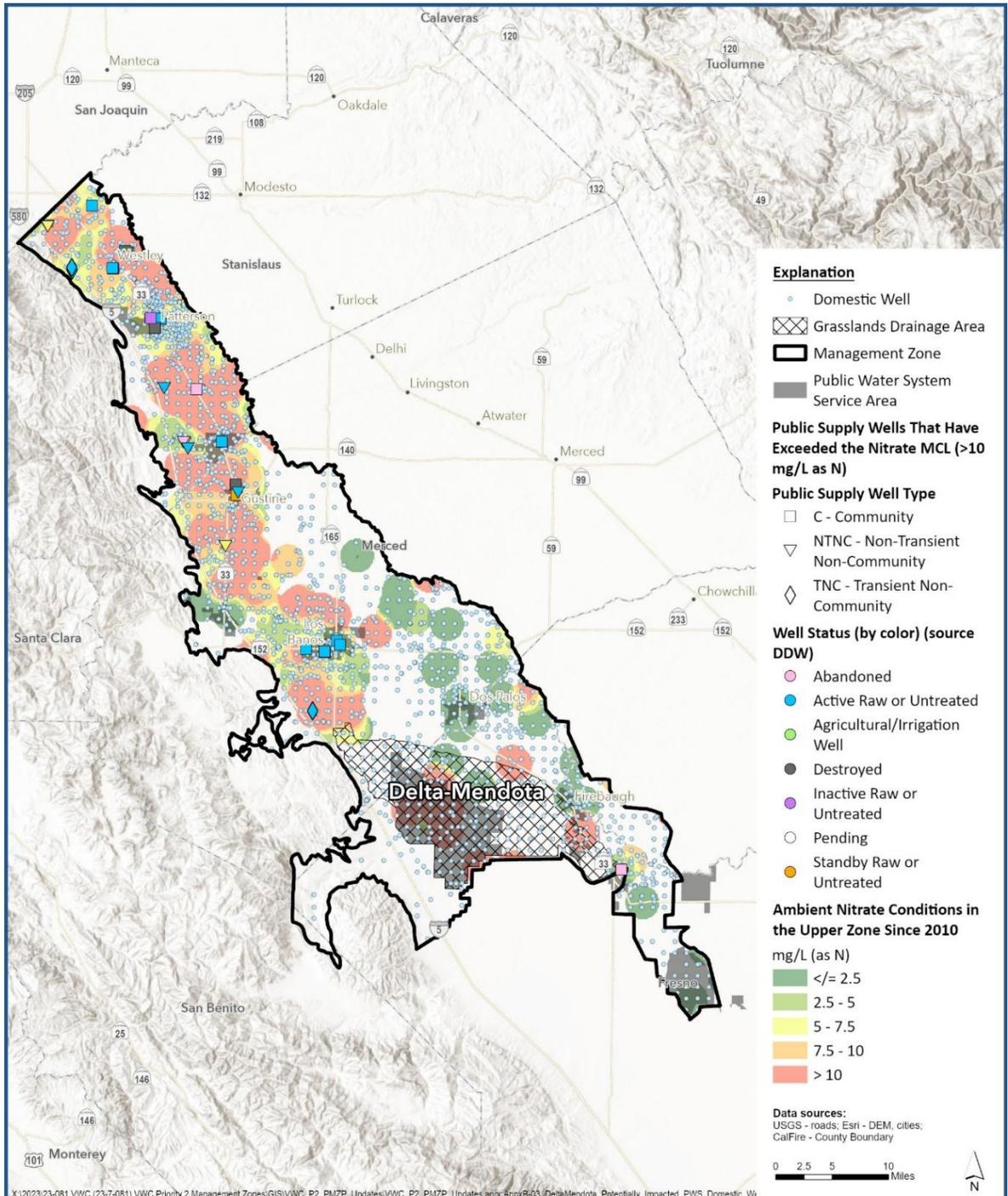
TBD = To Be Determined.

\*TBD or city council member information that needs to be updated once appropriate DAC point of contact is identified.

# Appendix B-2: Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Delta-Mendota Management Zone



# Appendix B-3: Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Delta-Mendota Management Zone



## Appendix B-4: Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Delta-Mendota Management Zone

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010021_004_004	WELL 04 - ABANDONED 2003	2/15/1991 - 5/13/2002	18	ND	15.81	9/20/2001	AB	MENDOTA, CITY OF	COMMUNITY	2315	11404
CA2400055_001_001	WELL 1-IN DRY WAREHOUSE	8/26/2004 - 7/11/2025	74	0.40	10.05	4/19/2012	AU	SAPUTO DAIRY FOODS USA, LLC	NON-TRANSIENT NON-COMMUNITY	1	320
CA2400231_001_001	WELL NO. 1	8/21/2015 - 9/4/2025	100	1.70	11.30	4/12/2019	AT	JOHN B. SANFILIPPO & SON, INC.	NON-TRANSIENT NON-COMMUNITY	1	120
CA2400338_001_001	WELL NO. 1	7/14/2016 - 7/29/2025	30	14.00	19.00	7/29/2025	AR	PARREIRA ALMOND PROCESSING COMPANY, LLC	TRANSIENT NON-COMMUNITY	9	80
CA2410003_001_001	WELL 01 - RAW - STANDBY	3/21/1989 - 4/10/2014	41	1.29	11.00	1/6/2009	SR	CITY OF GUSTINE	COMMUNITY	1912	5945

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2410003_003_003	WELL 03 - DESTROYED	3/11/1980 - 7/30/1996	64	2.10	11.72	1/19/1993	DS	CITY OF GUSTINE	COMMUNITY	1912	5945
CA2410005_002_002	WELL 02	7/24/1986 - 10/8/2025	111	2.48	10.17	4/1/2015	AR	CITY OF LOS BANOS	COMMUNITY	13484	47347
CA2410005_003_003	WELL 03	7/24/1986 - 10/8/2025	118	3.61	22.59	7/20/1992	AR	CITY OF LOS BANOS	COMMUNITY	13484	47347
CA2410005_005_005	WELL 05	12/21/1984 - 10/8/2025	122	3.16	11.52	10/13/2021	AR	CITY OF LOS BANOS	COMMUNITY	13484	47347
CA2410005_007_007	WELL 07	6/12/1986 - 10/8/2025	115	1.81	10.17	1/5/2011	AR	CITY OF LOS BANOS	COMMUNITY	13484	47347
CA2410005_011_011	WELL 11 - RAW	7/12/1995 - 1/8/2025	41	1.58	12.20	7/12/1995	AR	CITY OF LOS BANOS	COMMUNITY	13484	47347
CA5000005_001_001	WELL 01	7/31/1992 - 7/31/1992	1	16.17	16.17	7/31/1992	AB	CROWS LANDING COMM SVC DISTRICT	COMMUNITY	138	500
CA5000005_003_003	WELL 03	2/4/2003 - 9/14/2004	15	14.68	20.11	9/14/2004	AB	CROWS LANDING COMM SVC DISTRICT	COMMUNITY	138	500

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5000158_001_001	North Dom. WELL 01	12/9/2004 - 12/2/2024	39	1.40	15.00	12/2/2024	AU	FILBIN LAND & CATTLE CO	TRANSIENT NON-COMMUNITY	2	26
CA5000158_003_003	South Dom .Well 02	2/11/2005 - 12/2/2024	47	0.40	15.00	12/2/2024	AU	FILBIN LAND & CATTLE CO	TRANSIENT NON-COMMUNITY	2	26
CA5000213_001_001	LPA REPORTED PRIMARY SOURCE	12/19/2002 - 11/20/2024	50	2.06	14.00	5/18/2023	AU	HAMLET MOTEL	TRANSIENT NON-COMMUNITY	15	26
CA5000297_003_003	New Well	3/25/2004 - 9/17/2025	61	ND	13.92	2/6/2023	AU	BUEHNER HOUSES	COMMUNITY	13	25
CA5000427_002_002	WELL 02	2/28/2002 - 5/12/2025	49	4.82	14.50	4/4/2022	AU	COVANTA STANISLAUS WASTE ENERGY FACILITY	NON-TRANSIENT NON-COMMUNITY	6	25
CA5000443_001_001	WELL 1 TRUCK STOP	9/29/2004 - 8/4/2025	87	2.98	11.07	8/7/2023	AU	TRIANGLE TRUCK STOP (WATER)	TRANSIENT NON-COMMUNITY	1	25

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5000478_001_001	New well #2	6/17/2004 - 6/11/2010	5	1.83	11.20	7/1/2004	AB	THE MORNING STAR COMPANY	NON-TRANSIENT NON-COMMUNITY	5	200
CA5000478_002_002	WELL # 1	6/17/2004 - 9/30/2004	4	9.71	10.44	7/1/2004	AB	THE MORNING STAR COMPANY	NON-TRANSIENT NON-COMMUNITY	5	200
CA5000574_001_001	WELL	3/27/2008 - 8/5/2025	73	0.70	14.00	2/24/2025	AU	EASTIN	NON-TRANSIENT NON-COMMUNITY	10	26
CA5000577_001_001	RESTAURANT WELL	1/2/2008 - 9/17/2025	59	3.10	10.17	4/14/2011	AU	WESTLEY PROPERTY LLC	TRANSIENT NON-COMMUNITY	1	25
CA5000593_001_001	2016 WELL	2/7/2018 - 7/16/2025	33	7.10	17.00	7/16/2025	AR	RBVON	NON-TRANSIENT NON-COMMUNITY	2	50

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5000593_002_002	NITRATE TREATMENT PLANT	4/27/2018 - 9/22/2025	59	0.26	16.00	9/12/2022	AT	RBVON	NON-TRANSIENT NON-COMMUNITY	2	50
CA5010007_001_001	WELL 01	10/8/1985 - 5/21/2018	52	ND	10.84	12/21/1999	AR	HILLSVIEW HOMES	COMMUNITY	230	887
CA5010007_002_002	WELL 02	10/8/1985 - 4/10/2025	84	ND	10.10	12/14/2016	AR	HILLSVIEW HOMES	COMMUNITY	230	887
CA5010013_004_004	WELL NO. 05	8/22/1985 - 2/4/2025	108	0.03	11.30	2/4/2025	AR	CITY OF NEWMAN-WATER DEPARTMENT	COMMUNITY	3792	12351
CA5010017_001_001	WELL 01 - SOUTH 5TH STREET - DESTROYED	2/3/1989 - 2/3/1989	1	10.39	10.39	2/3/1989	DS	PATTERSON, CITY OF	COMMUNITY	6816	23304
CA5010017_004_004	WELL 04 - WARD AVE	2/3/1989 - 6/30/2015	95	0.09	16.49	6/30/2015	IR	PATTERSON, CITY OF	COMMUNITY	6816	23304
CA5010017_005_005	WELL 05 - HARTLEY STREET	11/14/1986 - 9/2/2025	59	0.23	13.60	8/6/2024	AR	PATTERSON, CITY OF	COMMUNITY	6816	23304

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5010033_001_001	WELL 274 - GRAYSON	8/29/1984 - 12/3/2024	1362	ND	19.30	12/3/2024	AR	CITY OF MODESTO - GRAYSON	COMMUNITY	277	914
CA5010033_002_002	WELL 295	1/13/1993 - 10/7/2025	1568	0.00	22.70	10/7/2025	AR	CITY OF MODESTO - GRAYSON	COMMUNITY	277	914
CA5010033_003_003	WELL 295 - TREATED - IX - NO3	7/12/1995 - 11/28/2007	504	0.00	19.40	11/28/2007	AT	CITY OF MODESTO - GRAYSON	COMMUNITY	277	914
CA5010033_004_004	WELLS 274 & 295 BLENDED	5/1/1998 - 10/7/2025	3290	0.00	15.81	7/27/2005	CT	CITY OF MODESTO - GRAYSON	COMMUNITY	277	914
CA5010033_005_005	WELL 274 - TREATED - IX - NO3	11/7/2001 - 7/27/2005	483	0.00	14.21	7/27/2005	AT	CITY OF MODESTO - GRAYSON	COMMUNITY	277	914

## Appendix B-5: Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Delta-Mendota Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA1010021	MENDOTA, CITY OF	COMMUNITY	2,315	3	0	3	1	1	0	2	1	0	11,404	0
CA2400055	SAPUTO DAIRY FOODS USA, LLC	NON-TRANSIENT NON-COMMUNITY	1	3	0	0	0	0	0	0	1	1	320	320
CA2400231	JOHN B. SANFILIPPO & SON, INC.	NON-TRANSIENT NON-COMMUNITY	1	0	0	0	0	0	0	0	1	1	120	120
CA2400338	PARREIRA ALMOND PROCESSING COMPANY, LLC	TRANSIENT NON-COMMUNITY	9	1	0	0	0	0	0	0	1	1	80	80

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA2410003	CITY OF GUSTINE	COMMUNITY	1,912	4	0	0	6	0	0	1	2	0	5,945	0
CA2410005	CITY OF LOS BANOS	COMMUNITY	13,484	12	0	0	1	1	0	1	5	5	47,347	47,347
CA5000005	CROWS LANDING COMM SVC DISTRICT	COMMUNITY	138	2	0	4	1	0	0	0	2	0	500	0
CA5000158	FILBIN LAND & CATTLE CO	TRANSIENT NON-COMMUNITY	2	2	0	0	0	0	0	0	2	2	26	26
CA5000213	HAMLET MOTEL	TRANSIENT NON-COMMUNITY	15	1	0	0	0	0	0	0	1	1	26	26
CA5000297	BUEHNER HOUSES	COMMUNITY	13	1	0	2	0	0	0	0	1	1	25	25
CA5000427	COVANTA STANISLAUS WASTE ENERGY FACILITY	NON-TRANSIENT NON-COMMUNITY	6	2	0	0	0	0	0	0	1	1	25	25
CA5000443	TRIANGLE TRUCK STOP (WATER)	TRANSIENT NON-COMMUNITY	1	1	0	1	0	0	0	0	1	1	25	25

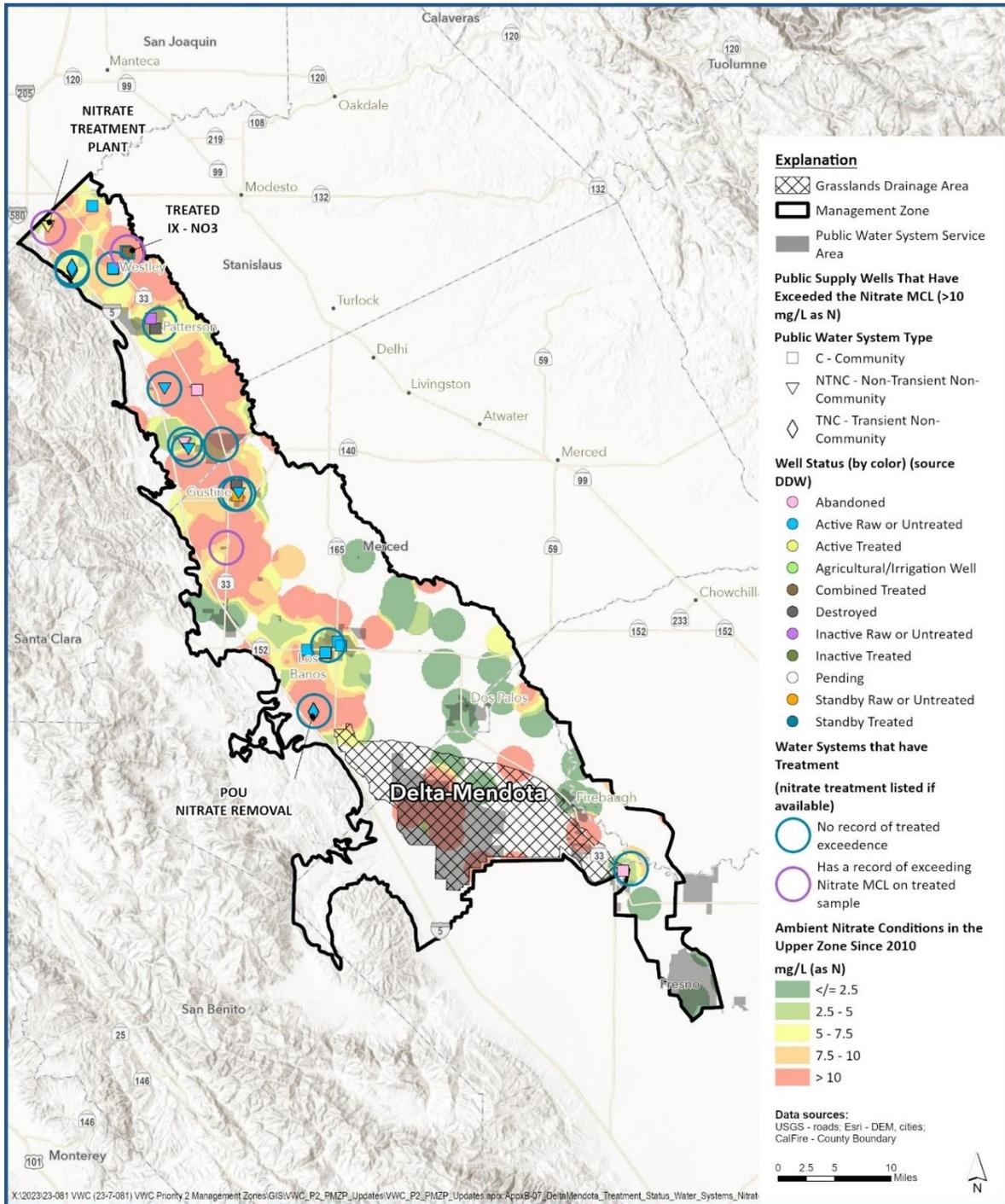
DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL	
				Active Wells	Agricultural/Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL			
CA5000478	THE MORNING STAR COMPANY	NON-TRANSIENT NON-COMMUNITY	5	1	0	2	0	0	0	0	0	2	0	200	0
CA5000574	EASTIN	NON-TRANSIENT NON-COMMUNITY	10	1	0	0	0	0	0	0	0	1	1	26	26
CA5000577	WESTLEY PROPERTY LLC	TRANSIENT NON-COMMUNITY	1	1	0	0	0	0	0	0	0	1	1	25	25
CA5000593	RBVON	NON-TRANSIENT NON-COMMUNITY	2	1	0	0	0	0	0	0	0	2	2	50	50
CA5010007	HILLSVIEW HOMES	COMMUNITY	230	2	0	0	0	0	0	0	0	2	2	887	887
CA5010013	CITY OF NEWMAN-WATER DEPARTMENT	COMMUNITY	3,792	6	0	1	2	0	0	0	0	1	1	12,351	12,351
CA5010017	PATTERSON, CITY OF	COMMUNITY	6,816	7	0	0	3	1	0	0	0	3	1	23,304	23,304
CA5010033	CITY OF MODESTO - GRAYSON	COMMUNITY	277	2	0	0	0	0	0	0	0	5	4	914	914

## Appendix B-6: Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Delta-Mendota Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA1010021	MENDOTA, CITY OF	COMMUNITY	2,315	11,404	Y		N		
CA2400055	SAPUTO DAIRY FOODS USA, LLC	NON-TRANSIENT NON-COMMUNITY	1	320	Y		Y		
CA2400231	JOHN B. SANFILIPPO & SON, INC.	NON-TRANSIENT NON-COMMUNITY	1	120	Y		Y	YES	4/12/2019
CA2400338	PARREIRA ALMOND PROCESSING COMPANY, LLC	TRANSIENT NON-COMMUNITY	9	80	Y	NO3	N		
CA2410003	CITY OF GUSTINE	COMMUNITY	1,912	5,945	Y		N		
CA2410005	CITY OF LOS BANOS	COMMUNITY	13,484	47,347	Y		Y		
CA5000005	CROWS LANDING COMM SVC DISTRICT	COMMUNITY	138	500	N		N		
CA5000158	FILBIN LAND & CATTLE CO	TRANSIENT NON-COMMUNITY	2	26	Y		N		
CA5000213	HAMLET MOTEL	TRANSIENT NON-COMMUNITY	15	26	N		N		
CA5000297	BUEHNER HOUSES	COMMUNITY	13	25	N		N		

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA5000427	COVANTA STANISLAUS WASTE ENERGY FACILITY	NON-TRANSIENT NON-COMMUNITY	6	25	Y		N		
CA5000443	TRIANGLE TRUCK STOP (WATER)	TRANSIENT NON-COMMUNITY	1	25	N		N		
CA5000478	THE MORNING STAR COMPANY	NON-TRANSIENT NON-COMMUNITY	5	200	N		N		
CA5000574	EASTIN	NON-TRANSIENT NON-COMMUNITY	10	26	N		N		
CA5000577	WESTLEY PROPERTY LLC	TRANSIENT NON-COMMUNITY	1	25	N		N		
CA5000593	RBVON	NON-TRANSIENT NON-COMMUNITY	2	50	Y	NO3	N	YES	9/12/2022
CA5010007	HILLSVIEW HOMES	COMMUNITY	230	887	Y		N		
CA5010013	CITY OF NEWMAN-WATER DEPARTMENT	COMMUNITY	3,792	12,351	Y		N		
CA5010017	PATTERSON, CITY OF	COMMUNITY	6,816	23,304	Y		N		
CA5010033	CITY OF MODESTO - GRAYSON	COMMUNITY	277	914	Y	BLEND, IX	N	YES	11/28/2007

# Appendix B-7: Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Delta-Mendota Management Zone



## Appendix B-8: Compliance Status for All Public Water Systems in the Proposed Delta-Mendota Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2410018	SANTA NELLA COUNTY WATER DISTRICT	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	672	2211	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400201	VOLTA COMMUNITY SD	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	44	406	Out of Compliance	SDWIS 11/20/2025	MON, MCL	Tot Coli, Cr-6	5/21/2024, 2/28/2017			X	X	406	0	0
CA1000054	LAS DELTAS MUTUAL WATER SYSTEM	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	Failing	SDAC	107	375	Out of Compliance	SDWIS 11/20/2025	MCL, RPT, RPT	TTHM, CCR, Pb+Cu	5/30/2017, 9/21/2021, 3/27/2025			X	X	375	0	0
CA5000408	WESTLEY CSD	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	35	70	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	70	0	0
CA1010030	TRANQUILITY IRRIGATION DISTRICT	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	340	807	Out of Compliance	SDWIS 11/20/2025	RPT, MON	Pb+Cu, Pb+Cu	3/27/2025, 11/07/2024				X	807	0	0
CA2400200	SAN JOAQUIN VALLEY NATIONAL CEMETERY	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	4	30	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400091	CHARLESTON SCHOOL	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Potentially At-Risk	DAC	1	325	In Compliance	SDWIS 11/20/2025								0	0	0
CA2000512	EAST ACRES MUTUAL WATER COMPANY	Delta-Mendota	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	NT (Ind/Ag)	Failing	SDAC	85	250	Out of Compliance	SDWIS 11/20/2025	MCL, RPT, MON	Mn, Pb+Cu, Mn	11/8/2021, 3/27/2025, 07/16/2024			X	X	250	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA5000 238	SUN DRY PRODUCTS-WATER	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-PUBLIC	STATE SMALL WATER SYSTEM		None	#N/A	5	22		SDWIS 11/20/2025								0	0	0
CA5000 586	CALIFORNIA TRANSPLANTS LLC	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	1	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000 061	MARTIN'S MOBILE HOME COURT	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Failing	SDAC	20	60	Out of Compliance	SDWIS 11/20/2025	MCL, MON, MON	U, U, Pb+Cu	3/23/2018, 3/23/2018, 5/26/2024			X	X	60	0	0
CA5000 134	DEPARTMENT OF TRANSPORTATION	Delta-Mendota	STANISLAUS	DISTRICT 10 - STOCKTON	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Highway Rest)	None	#N/A	2	8750	In Compliance	SDWIS 11/20/2025								0	0	0
CA1000 345	PANOCHÉ WATER DISTRICT	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	Failing	DAC	50	146	Out of Compliance	SDWIS 11/20/2025	MCL, MCL	HAA5, TTHM	12/17/2018, 12/17/2018			X		146	0	0
CA5000 427	COVANTA STANISLAUS WASTE ENERGY FACILITY	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	6	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400 332	DASH DREAM PLANT	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	3	34	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000 590	CEBRO FROZEN FOODS (EH)	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	3	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000 593	RBVON	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	50	Out of Compliance	SDWIS 11/20/2025	MON	U	2/10/2020				X	50	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2400208	MERCEY SPRINGS SHELL	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Service Stat)	None	#N/A	1	45	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400231	JOHN B. SANFILIPPO & SON, INC.	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	1	120	Out of Compliance	SDWIS 11/20/2025	MON	Pb+Cu	2/20/2024				X	120	0	0
CA5000202	JOE'S TRAVEL PLAZA (EH)	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	12	5026	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000005	CROWS LANDING COMM SVC DISTRICT	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	SDA C	138	500	Out of Compliance	SDWIS 11/20/2025	RPT, MON, MON, MCL	Pb+Cu, 1,2,3 TCP, Nitrate, Perchlorate, Coliform	3/27/2025, 7/08/2024, 7/08/2024, 7/08/2024, 6/17/2019			X	X	500	0	0
CA5000297	BUEHNER HOUSES	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDA C	13	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000058	FISHERMAN'S BEND MHP	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	SDA C	66	120	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000480	NEW HOPE CHURCH OF THE NAZARENE	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	1	70	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000478	THE MORNING STAR COMPANY	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	5	200	In Compliance	SDWIS 11/20/2025								0	0	0

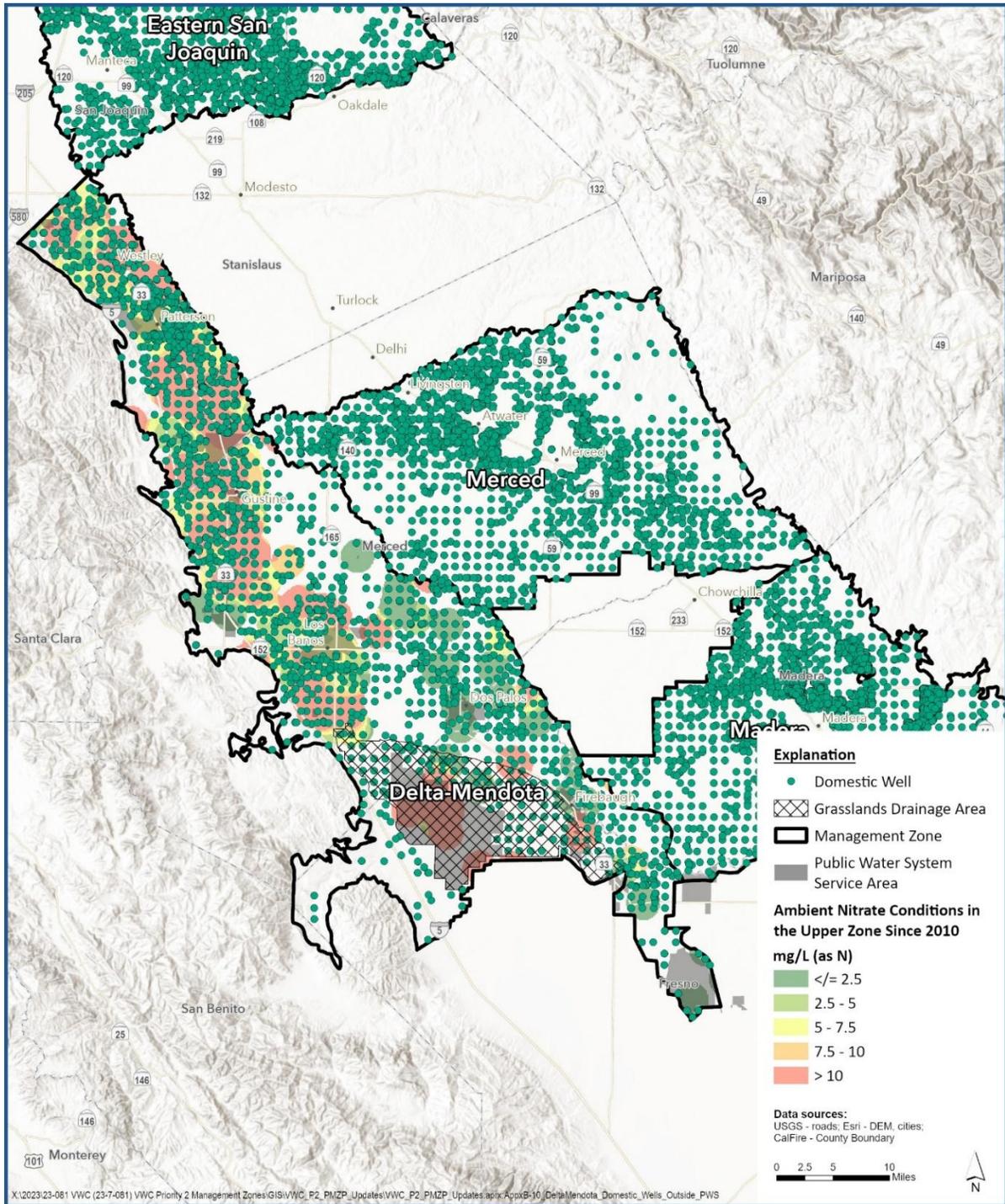
PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA5010007	HILLSVIEW HOMES	Delta-Mendota	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Failing	DAC	230	887	Out of Compliance	SDWIS 11/20/2025	MCL	1,2,3 TCP	6/12/2018			X		887	0	0
CA1010034	SAN JOAQUIN, CITY OF	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	749	4060	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400085	FIREBAUGH TRAVEL PLAZA (SW)	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Service Stat)	None	#N/A	2	250	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400154	INGOMAR PACKING	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	4	685	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400338	PARREIRA ALMOND PROCESSING COMPANY, LLC	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	9	80	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000577	WESTLEY PROPERTY LLC	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	1	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000158	FILBIN LAND & CATTLE CO	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Service Stat)	None	#N/A	2	26	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000213	HAMLET MOTEL	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Hotel/Motel)	None	#N/A	15	26	Out of Compliance	SDWIS 11/20/2025	MON, MCL	Nitrate, Nitrate	9/05/2023, 9/05/2023	X			X	26	26	0
CA5000443	TRIANGLE TRUCK STOP (WATER)	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Service Stat)	None	#N/A	1	25	Out of Compliance	SDWIS 11/20/2025	MCL	Nitrate	8/10/2022	X				25	25	0
CA5000301	VILLA LAS FLORES	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-PUBLIC	STATE SMALL		None	#N/A	13	24	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
				AUS COUNTY		WATER SYSTEM																	
CA1000177	I-5 AND PANOCHE DEVELOPMENT	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	T (Highway Rest)	None	#N/A	10	85	In Compliance	SDWIS 11/20/2025								0	0	0
CA5010033	CITY OF MODESTO - GRAYSON	Delta-Mendota	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	277	914	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000313	BUEHNER WATER SYSTEM	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	50	150	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000574	EASTIN	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	10	26	Out of Compliance	SDWIS 11/20/2025	MCL	Nitrate	5/31/2023	X				26	26	0
CA2400058	DOS PALOS Y AUCTION YARD	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	3	52	In Compliance	SDWIS 11/20/2025								0	0	0
CA1000641	LARRY A SHEHADEY DAIRY	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	95	Out of Compliance	SDWIS 11/20/2025	MON	1,2,3-TCP	1/2/2019				X	95	0	0
CA2000800	MARQUEZ RENTAL	Delta-Mendota	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	22	50	Out of Compliance	SDWIS 11/20/2025	MCL	As	2/18/2025			X	50	0	0	
CA2400055	SAPUTO DAIRY FOODS USA, LLC	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	1	320	In Compliance	SDWIS 11/20/2025								0	0	0
CA1010021	MENDOTA, CITY OF	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	2315	11404	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA5000337	SPERRY MHP	Delta-Mendota	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-PUBLIC	STATE SMALL WATER SYSTEM		None	#N/A	1	1		SDWIS 11/20/2025								0	0	0
CA2410002	CITY OF DOS PALOS	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Failing	SDAC	2525	7452	Out of Compliance	SDWIS 11/20/2025	MCL, MON, MCL, TT	TTHM, Pb+Cu, HAA5, C	11/12/2020, 2/02/2023, 11/12/2020, 3/19/2021			X	X	7452	0	0
CA2410021	USFWS SAN LUIS NWR COMPLEX	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	O (Other)	None	#N/A	3	196	In Compliance	SDWIS 11/20/2025								0	0	0
CA5010013	CITY OF NEWMAN-WATER DEPARTMENT	Delta-Mendota	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	3792	12351	In Compliance	SDWIS 11/20/2025								0	0	0
CA1010005	FIREBAUGH CITY	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	1642	7619	In Compliance	SDWIS 11/20/2025								0	0	0
CA2410005	CITY OF LOS BANOS	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	DAC	13484	47347	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	47347	0	0
CA2400229	HILLVIEW PACKING-GUSTINE	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	27	In Compliance	SDWIS 11/20/2025								0	0	0
CA2400209	SAN LUIS HILLS	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	65	779	In Compliance	SDWIS 11/20/2025								0	0	0
CA1009091	OLAM SPICES AND VEGETABLES, INC.	Delta-Mendota	FRESNO	DISTRICT 23 - FRESNO	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	R (Residential)	None	#N/A	1	325		SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2410003	CITY OF GUSTINE	Delta-Mendota	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	1912	5945	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	5945	0	0
CA5010017	PATTERSON, CITY OF	Delta-Mendota	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	6816	23304	In Compliance	SDWIS 11/20/2025								0	0	0

# Appendix B-9: Domestic Wells Located Outside Public Water System Areas in the Proposed Delta-Mendota Management Zone and Adjacent Area



## Appendix B-10: Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Delta Mendota-Management Zone and Adjacent Area

Estimated Upper Zone Ambient Nitrate (2010-2025)**	DWR Domestic Wells Located Outside PWS Boundaries		DWR Domestic Wells Located Within PWS Boundaries	DWR Total Domestic Wells in Management Zone	2024 Census Block Analysis (Outside PWS service areas)
	Domestic Well Count Outside of PWS Boundaries	% of Total Domestic Wells Outside PWS Boundaries	Total Domestic Wells in MZ Within PWS Boundaries	All Domestic Wells in Management Zone	Population Outside PWS Boundaries
Group 1: ≤ 2.5 mg/L as N	265	95.0%	14	279	2,566
Group 2: > 2.5 - 5.0 mg/L as N	120	96.8%	4	124	911
Group 3: > 5.0 - 7.5 mg/L as N	558	89.7%	64	622	2,824
Group 4: >7.5 - 10.0 mg/L as N	445	88.5%	58	503	2,044
Group 5: > 10.0 mg/L as N	625	87.0%	93	718	4,158
Group 6: Unknown*	347	93.8%	23	370	2,228
<b>Total</b>	<b>2,360</b>	<b>90.2%</b>	<b>256</b>	<b>2,616</b>	<b>14,731</b>

\*Domestic wells of Census Blocks are located in a "Gap Area" where insufficient Upper Zone nitrate data exist to do a spatial interpolation of ambient nitrate conditions

\*\*Ambient nitrate levels are based on best available publicly-available nitrate data vetted at the time of analysis and are based on Upper Zone nitrate data from January 2010 to October 2025. These mapped nitrate levels are subject to change and are therefore adaptable, as new data become available.

## **Appendix B-11: Nitrate Groundwater Dataset for Proposed Delta-Mendota Management Zone**

Delta-Mendota Management Zone's nitrate groundwater dataset will be posted on the CV-SALTS Homepage at: <https://www.cvsalinity.org/resources/management-zone-development/>.

# Appendix C: Eastern San Joaquin Management Zone

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## Appendix C: Eastern San Joaquin Management Zone

- C-1 Eastern San Joaquin Management Zone Community Profile
- C-2 Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Eastern San Joaquin Management Zone
- C-3 Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Eastern San Joaquin Management Zone
- C-4 Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Eastern San Joaquin Management Zone
- C-5 Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Eastern San Joaquin Management Zone
- C-6 Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Eastern San Joaquin Management Zone
- C-7 Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Eastern San Joaquin Management Zone
- C-8 Compliance Status for all Public Water Systems in the Proposed Eastern San Joaquin Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)
- C-9 Domestic Wells Located Outside Public Water System Areas in the Proposed Eastern San Joaquin Management Zone and Adjacent Management Zone
- C-10 Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Eastern San Joaquin Management Zone
- C-11 Nitrate Groundwater Dataset for Proposed Eastern San Joaquin Management Zone

## Appendix C-1: Eastern San Joaquin Management Zone Community Profile

Data has been gathered for the Disadvantaged Communities (DAC) in the Eastern San Joaquin Management Zone for the purpose of EAP development. In accordance with the State Water Board’s *Guidance for Engaging Communities During Development of Early Action Plans*, a community profile table has been compiled to better understand communities within the Management Zone. Appendix C-1 provides DAC demographic data to help understand how best to engage with these impacted communities and encourage participation during EAP development. It is important to understand and account for community diversity to ensure drinking water solutions are appropriately developed with residential input and affected communities are informed on how the Nitrate Control Program will impact them. Notably, this table identifies languages other than English in the region including Spanish and Asian & Pacific Islander to bridge potential translation gaps to help ensure success of the EAP.

**Community Demographics for Disadvantaged Communities in the Eastern San Joaquin Management Zone<sup>1</sup>**

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
August CDP	8,628	\$51,733	English, Spanish	2%	2%	2%	40%	0.15%	7%	26%	9%	12%
Country Club CDP	10,777	\$76,758	English, Spanish	2%	4%	3%	28%	0.32%	17%	15%	9%	22%
French Camp CDP	3,770	\$69,444	English, Spanish	0.44%	3%	6%	34%	0.15%	11%	27%	4%	15%
Garden Acres CDP	11,398	\$53,902	English, Spanish	1%	1%	1%	40%	0.07%	8%	26%	9%	13%
Kennedy CDP	3,223	\$55,337	English, Spanish	1%	5%	4%	42%	0.09%	3%	25%	12%	8%

## Community Demographics for Disadvantaged Communities in the Eastern San Joaquin Management Zone<sup>1</sup>

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Stockton city	320,804	\$76,231	English, Spanish, Asian and Pacific Islander	1%	14%	8%	27%	1%	11%	16%	9%	15%
Taft Mosswood CDP	1,636	\$63,750	English, Spanish, Asian and Pacific Islander	1%	8%	4%	42%	0.24%	2%	26%	9%	8%
Terminus CDP	429	\$5,900	English	0.37%	2%	0.50%	7%	1%	39%	4%	5%	41%
Thornton CDP	1,004	\$43,839	English, Spanish	0.37%	3%	2%	35%	0.11%	12%	22%	10%	16%

<sup>1</sup>Table developed using the US Census ([https://data.census.gov/profile/United\\_States?q=010XX00US](https://data.census.gov/profile/United_States?q=010XX00US)) 2020 Decennial Census and 2022-2023 American Community Survey (ACS) data.

<sup>2</sup>DACs were identified by using the Department of Water Resource's DAC Mapping Tool Census Places (ASC: 2016 – 2020): (<https://gis.water.ca.gov/app/dacs/>), where DACs are determined by California's MHI and utilizing the state DAC threshold of 80-percent.

<sup>3</sup>Languages spoken > 5-percent as listed in the 2022 ACS data. Use of this threshold is recommended in Guidance for Engaging Communities During Development of Early Action Plans (State Water Board, June 2020).

<sup>4</sup>“-" indicates data was not available.

The Table below (Eastern San Joaquin Management Zone DAC Point of Contacts for Nitrate Control Program) identifies key community members from each identified DAC in the Management Zone. It is important to identify these contacts to support community outreach efforts for increased participation and input on long-term drinking water solutions. This is a living document and will be updated during EAP implementation. Data gaps are identified, and efforts will be made to reach out to these communities to identify a point of contact.

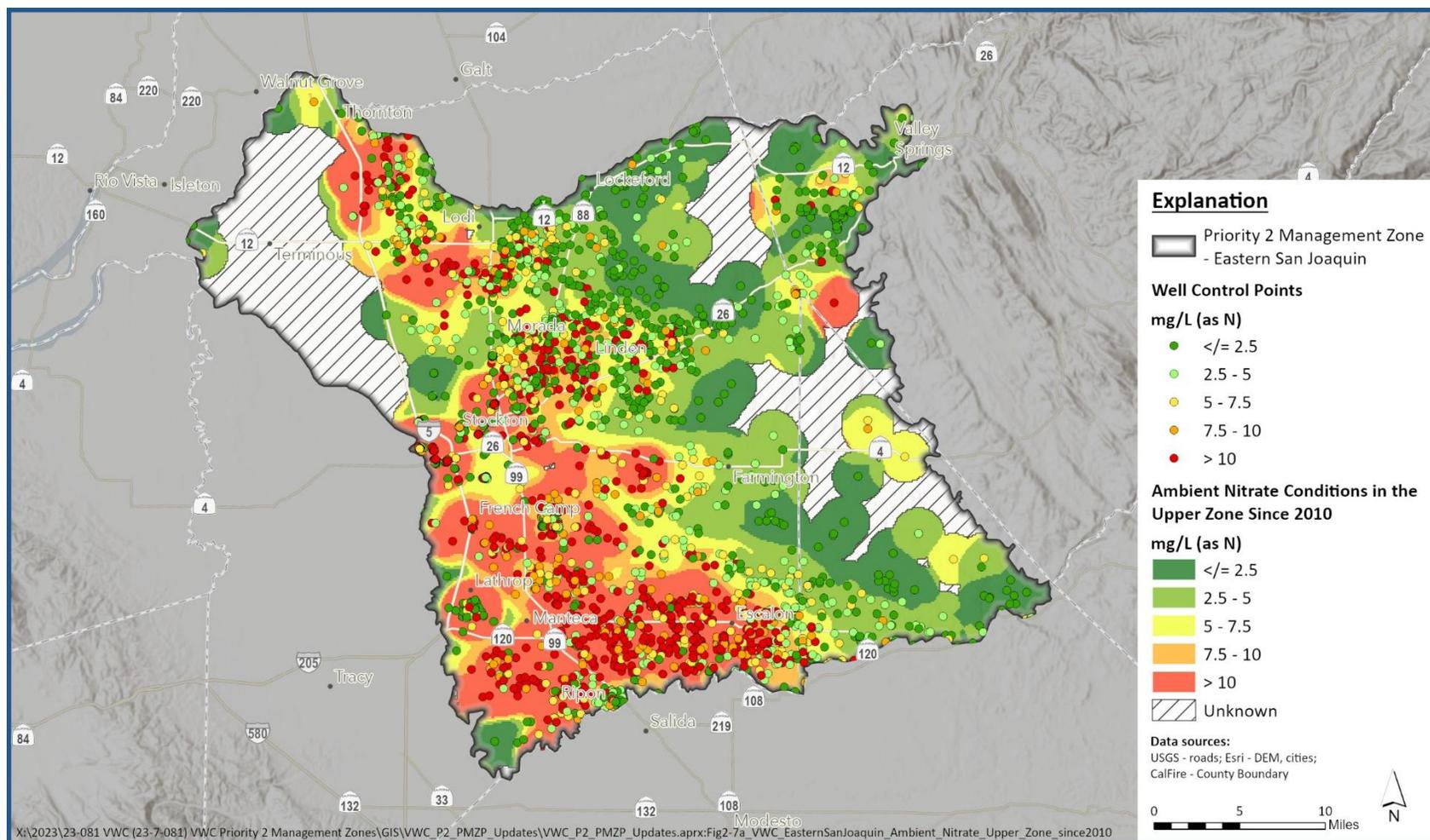
**Eastern San Joaquin Management Zone DAC Point of Contacts for Nitrate Control Program**

DAC	Point of Contact	Phone Number	Email Address
August CDP	TBD	TBD	TBD
Country Club CDP	TBD	TBD	TBD
French Camp CDP	TBD	TBD	TBD
Garden Acres CDP	TBD	TBD	TBD
Kennedy CDP	TBD	TBD	TBD
Stockton city*	Harry Black	(209) 937-8212	<a href="mailto:city.manager@stocktonca.gov">city.manager@stocktonca.gov</a>
Taft Mosswood CDP	TBD	TBD	TBD
Terminus CDP	TBD	TBD	TBD
Thornton CDP	TBD	TBD	TBD

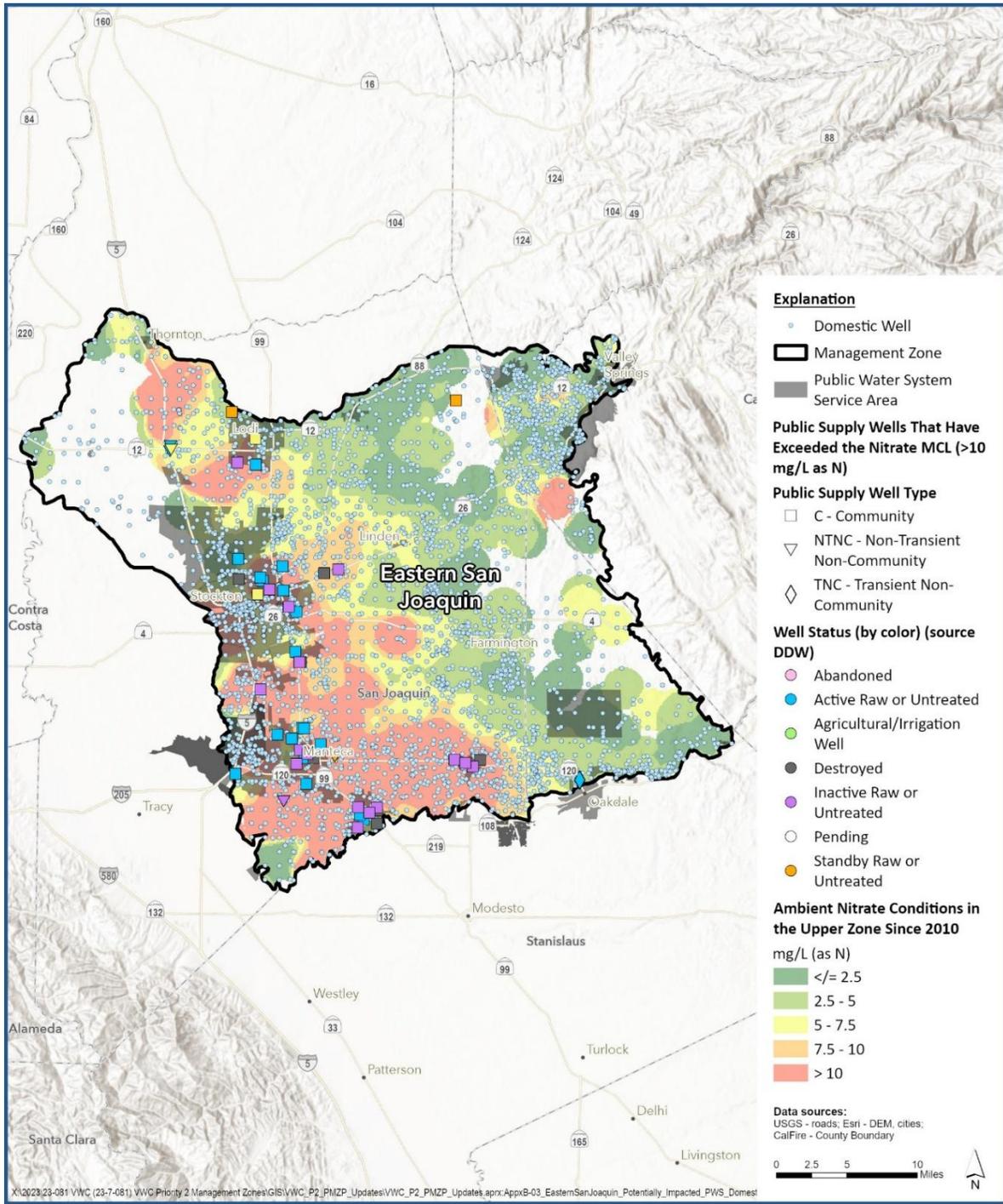
TBD = To Be Determined.

\*TBD or city council member information that needs to be updated once appropriate DAC point of contact is identified.

## Appendix C-2: Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Eastern San Joaquin Management Zone



# Appendix C-3: Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Eastern San Joaquin Management Zone



## Appendix C-4: Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Eastern San Joaquin Management Zone

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3900579_001_001	WELL(main)	3/26/2003 - 12/26/2007	10	7.23	12.39	12/26/2007	IU	CENTURY MOBILE HOME PARK	COMMUNITY	19	50
CA3900579_002_002	Well (secondary)	6/25/2008 - 8/18/2008	3	12.94	14.37	8/18/2008	IU	CENTURY MOBILE HOME PARK	COMMUNITY	19	50
CA3900649_001_001	WELL HEAD (DESTROYED IN 2004)	11/19/2001 - 8/11/2003	9	0.59	12.88	6/17/2002	DS	GLENWOOD MOBILE HOME PARK	COMMUNITY	50	100
CA3900649_007_007	WELL #2	8/16/2004 - 8/8/2017	58	0.75	13.03	11/15/2016	AU	GLENWOOD MOBILE HOME PARK	COMMUNITY	50	100
CA3900714_001_001	WELL#1	1/29/2001 - 8/30/2004	6	6.21	10.84	8/30/2004	IU	SUNNYSIDE ESTATES WATER SYSTEM	COMMUNITY	21	69
CA3900751_001_001	WELL - INACTIVE	12/12/2007 - 10/10/2025	69	6.03	16.58	4/15/2025	IU	MARTINEZ APARTMENTS	COMMUNITY	9	26

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3900964_001_001	WELL	2/27/2002 - 10/14/2025	87	3.60	13.70	10/5/2022	AU	SAHARA MOBILE COURT	COMMUNITY	162	300
CA3900983_001_001	WELL HEAD	10/6/2003 - 5/31/2007	10	1.94	19.20	5/31/2007	IU	CHERRY LANE TRAILER PARK	COMMUNITY	43	100
CA3901074_001_001	WEST WELL (STANDBY)	4/19/2002 - 11/7/2024	75	0.68	12.20	5/30/2007	SU	TWIN OAKS MOBILE PARK	COMMUNITY	85	238
CA3901113_002_002	WELL#2	12/14/2001 - 2/7/2025	58	3.73	11.70	2/4/2025	AU	WALNUT ACRES	COMMUNITY	32	106
CA3901169_001_001	WELL HEAD	3/11/2002 - 6/10/2002	2	9.42	13.44	6/10/2002	IU	MUSD-NILE GARDEN SCHOOL	NON-TRANSIENT NON-COMMUNITY	3	804
CA3901213_001_001	Well head (destroyed 09/21/04)	1/10/2002 - 7/19/2004	18	0.09	13.24	7/19/2004	DS	SUNNY ROAD WATER SYSTEM	COMMUNITY	12	34
CA3901248_002_002	WELL#2	1/30/2001 - 2/3/2025	115	1.49	10.53	8/31/2006	AU	FLAG CITY WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	41	135

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3901248_010_010	WELL #3	3/31/2004 - 8/6/2025	63	0.18	15.90	6/23/2025	AU	FLAG CITY WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	41	135
CA3901248_012_012	WELLHEAD #3 Treatment blended effluent	4/1/2009 - 10/13/2025	307	0.45	3400.00	7/16/2015	AT	FLAG CITY WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	41	135
CA3901322_001_001	WELL#1	8/27/2002 - 11/13/2024	11	14.68	25.70	8/30/2023	SU	MANTECA INDUSTRIAL PRK CSA-30	NON-TRANSIENT NON-COMMUNITY	23	76
CA3901322_002_002	WELL#2	8/27/2002 - 11/13/2024	35	2.17	15.72	8/27/2002	AU	MANTECA INDUSTRIAL PRK CSA-30	NON-TRANSIENT NON-COMMUNITY	23	76
CA3901474_001_001	WELL	12/14/2009 - 8/4/2025	72	2.30	13.20	8/4/2025	AU	FREMONT ONE	COMMUNITY	15	39

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3910001_012_012	WELL 15-01 - INACTIVE	8/21/1985 - 1/21/1999	7	ND	10.84	9/10/1990	IR	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026
CA3910001_017_017	WELL 20-01 - INACTIVE	4/8/1986 - 10/10/2001	4	7.91	12.42	10/10/2001	IR	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026
CA3910001_018_018	WELL 21-01	4/8/1986 - 6/18/2025	92	0.23	11.00	7/31/2019	AR	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026
CA3910001_019_019	WELL 23-01 - DESTROYED	6/20/1985 - 6/5/1986	3	12.65	19.88	6/5/1986	DS	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026
CA3910001_050_050	WELL 59-01	7/15/1985 - 4/8/2025	57	ND	11.94	1/15/2019	AR	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3910001_053_053	WELL 62-01	8/20/1984 - 9/9/2025	454	ND	13.99	8/22/2007	AR	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026
CA3910001_125_125	WELL 75-01 - TREATED	12/27/2012 - 6/24/2024	366	3.60	10.43	5/15/2018	AT	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44274	175026
CA3910003_001_001	WELL 01	4/16/1984 - 6/3/2015	161	2.87	10.82	6/3/2015	IR	ESCALON, CITY OF	COMMUNITY	2527	7264
CA3910003_002_002	WELL 02 - DESTROYED	4/16/1984 - 7/7/1988	14	7.68	10.57	7/7/1988	DS	ESCALON, CITY OF	COMMUNITY	2527	7264
CA3910003_003_003	WELL 03 - DESTROYED	4/16/1984 - 4/19/1995	3	3.39	10.01	4/16/1984	DS	ESCALON, CITY OF	COMMUNITY	2527	7264
CA3910003_005_005	WELL 05 - DESTROYED	4/16/1984 - 9/6/1990	8	5.31	10.73	9/6/1990	DS	ESCALON, CITY OF	COMMUNITY	2527	7264
CA3910003_006_006	WELL 06 - INACTIVE	4/16/1984 - 1/26/1998	36	0.70	12.88	8/19/1996	IU	ESCALON, CITY OF	COMMUNITY	2527	7264
CA3910003_007_007	WELL 07 - RAW - INACTIVE	4/16/1984 - 5/25/2007	153	2.71	14.68	5/25/2007	IR	ESCALON, CITY OF	COMMUNITY	2527	7264

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3910004_023_023	WELL 19	8/14/1986 - 8/12/2025	109	ND	10.39	8/9/2010	AR	LODI, CITY OF	COMMUNITY	29520	68272
CA3910004_035_035	WELL 23 - TREATED - GAC	6/24/2002 - 8/7/2025	76	1.72	10.39	8/19/2008	AT	LODI, CITY OF	COMMUNITY	29520	68272
CA3910005_005_005	WELL 05	4/16/1985 - 10/12/2004	104	5.20	11.52	12/11/2002	IR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_006_006	WELL 06 - DESTROYED	4/16/1985 - 10/31/1989	2	7.03	10.50	4/16/1985	DS	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_008_008	WELL 08 - INACTIVE	4/16/1985 - 7/5/2011	151	1.90	11.30	7/5/2011	IR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_010_010	WELL 10 - INACTIVE	4/16/1985 - 6/28/2011	165	0.72	10.57	6/28/2011	IR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_012_012	WELL 12	4/16/1985 - 9/29/2025	950	4.52	11.10	4/30/2019	AR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_030_030	WELL 18	9/8/1997 - 7/15/2024	129	2.33	11.80	7/5/2016	AR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_034_034	WELL 20	4/9/2001 - 7/15/2024	90	1.13	15.60	7/15/2024	AR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_036_036	WELL 23	12/11/2000 - 9/29/2025	1002	2.71	15.07	3/3/2025	AR	MANTECA, CITY OF	COMMUNITY	26685	84928

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3910005_038_038	WELL 21	3/6/2002 - 9/2/2025	80	5.20	13.50	9/2/2025	AR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_044_044	WELL 24 - RAW	9/7/2004 - 9/30/2025	884	4.00	14.23	1/3/2023	AR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910005_049_049	WELL NO. 27 - RAW	6/9/2009 - 9/29/2025	386	3.40	10.50	8/3/2020	AR	MANTECA, CITY OF	COMMUNITY	26685	84928
CA3910007_003_003	WELL 03	11/6/1985 - 9/9/2025	126	0.11	15.14	7/6/1993	AR	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_005_005	WELL 05 - INACTIVE	7/23/1985 - 9/12/2023	5	10.00	16.94	8/13/2007	IU	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_006_006	WELL 06 - DESTROYED	11/6/1985 - 4/14/1995	16	0.23	10.39	4/14/1995	DS	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_008_008	WELL 08 - DESTROYED	12/20/1985 - 6/29/1994	26	0.90	19.20	6/29/1994	DS	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_010_010	WELL 10	8/4/1993 - 10/7/2025	251	1.45	12.00	6/22/2018	AR	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_012_012	WELL 11 - RAW - INACTIVE	3/18/1997 - 9/12/2023	25	1.10	10.84	12/19/2001	IU	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_014_014	WELL 12	7/2/2001 - 9/12/2023	33	0.01	15.36	9/12/2023	IR	RIPON, CITY OF	COMMUNITY	5144	15769

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA3910007_022_022	WELL 14 - RAW	10/12/2005 - 2/16/2017	123	0.45	11.00	1/25/2017	AR	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910007_026_026	WELL 16 - RAW	7/12/2010 - 9/12/2023	55	7.45	30.00	9/12/2023	IR	RIPON, CITY OF	COMMUNITY	5144	15769
CA3910012_003_003	02 SSS	10/27/1987 - 9/19/2022	53	1.99	13.00	8/23/2022	AR	CITY OF STOCKTON	COMMUNITY	50687	190688
CA3910014_001_001	WELL 01	4/30/1984 - 10/14/2025	104	ND	12.80	10/14/2025	AU	SAN JOAQUIN COUNTY- RAYMUS VILLAGE	COMMUNITY	329	1086
CA3910014_002_002	WELL 02	4/30/1984 - 6/24/2025	96	3.84	13.33	8/31/2007	AU	SAN JOAQUIN COUNTY- RAYMUS VILLAGE	COMMUNITY	329	1086
CA3910017_001_001	WELL 01 - STANDBY	4/16/1984 - 1/5/2023	27	1.31	10.10	1/5/2023	SU	SAN JOAQUIN COUNTY- MOKELUMNE ACRES	COMMUNITY	1152	3802

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5000277_001_001	NORTHWELL 01	2/7/2002 - 8/19/2008	26	3.03	12.90	9/13/2007	SU	VALLEY HOME SCHOOL PIONEER	NON-TRANSIENT NON-COMMUNITY	1	26
CA5000483_001_001	LPA REPORTED PRIMARY SOURCE	4/11/2002 - 9/25/2025	72	0.97	12.00	3/27/2025	AU	RIVER OAK GRACE-WATER SYSTEM	TRANSIENT NON-COMMUNITY	4	500
CA5010018_010_010	WELL 10	10/25/2007 - 3/25/2025	62	0.90	21.00	2/27/2023	AU	RIVERBANK, CITY OF	COMMUNITY	7191	24834

## Appendix C-5: Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Eastern San Joaquin Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA3900579	CENTURY MOBILE HOME PARK	COMMUNITY	19	1	0	0	0	2	0	0	2	0	50	0
CA3900649	GLENWOOD MOBILE HOME PARK	COMMUNITY	50	1	0	0	1	0	0	0	2	1	100	100
CA3900714	SUNNYSIDE ESTATES WATER SYSTEM	COMMUNITY	21	0	0	0	1	1	0	0	1	0	69	0
CA3900751	MARTINEZ APARTMENTS	COMMUNITY	9	0	0	0	0	1	0	0	1	0	26	0
CA3900964	SAHARA MOBILE COURT	COMMUNITY	162	1	0	0	0	0	0	0	1	1	300	300
CA3900983	CHERRY LANE TRAILER PARK	COMMUNITY	43	1	0	0	0	1	0	0	1	0	100	0
CA3901074	TWIN OAKS MOBILE PARK	COMMUNITY	85	1	0	0	0	0	0	1	1	0	238	0

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA3901113	WALNUT ACRES	COMMUNITY	32	2	0	0	0	0	0	0	1	1	106	106
CA3901169	MUSD-NILE GARDEN SCHOOL	NON-TRANSIENT NON-COMMUNITY	3	1	0	0	0	1	0	0	1	0	804	0
CA3901213	SUNNY ROAD WATER SYSTEM	COMMUNITY	12	1	0	0	1	0	0	0	1	0	34	0
CA3901248	FLAG CITY WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	41	3	0	0	0	0	0	0	3	3	135	135
CA3901322	MANTECA INDUSTRIAL PRK CSA-30	NON-TRANSIENT NON-COMMUNITY	23	1	0	0	0	0	0	1	2	1	76	76
CA3901474	FREMONT ONE	COMMUNITY	15	1	0	0	0	0	0	0	1	1	39	39
CA3910001	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44,274	27	0	1	11	26	0	5	7	4	175,026	175,026
CA3910003	ESCALON, CITY OF	COMMUNITY	2,527	3	0	0	5	3	0	0	6	0	7,264	0
CA3910004	LODI, CITY OF	COMMUNITY	29,520	28	0	2	7	0	0	0	2	2	68,272	68,272
CA3910005	MANTECA, CITY OF	COMMUNITY	26,685	15	1	0	6	4	2	0	11	7	84,928	84,928

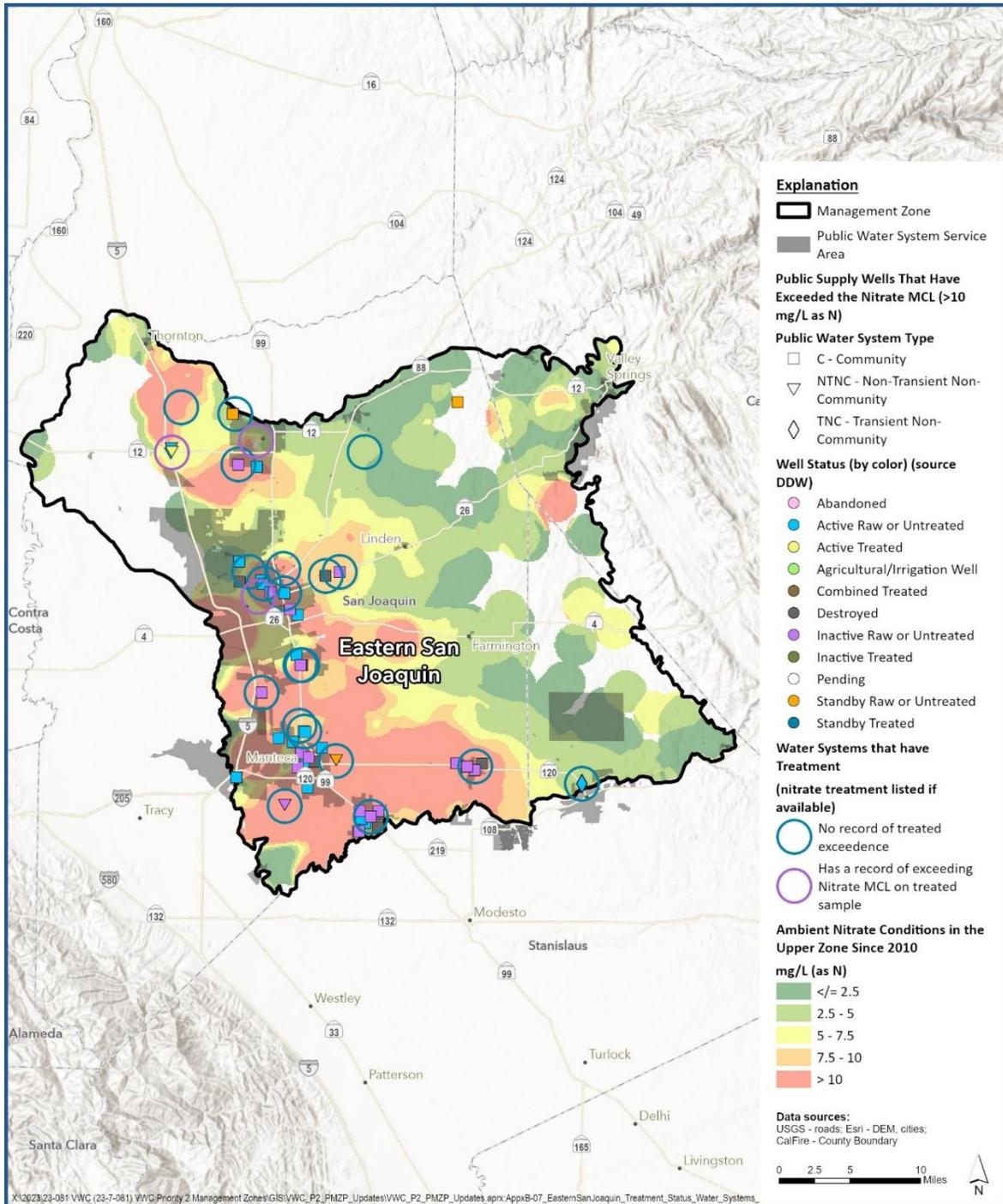
DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA3910007	RIPON, CITY OF	COMMUNITY	5,144	6	0	0	6	4	0	1	9	3	15,769	15,769
CA3910012	CITY OF STOCKTON	COMMUNITY	50,687	17	8	0	17	9	0	3	1	1	190,688	190,688
CA3910014	SAN JOAQUIN COUNTY-RAYMUS VILLAGE	COMMUNITY	329	2	0	0	0	0	0	0	2	2	1,086	1,086
CA3910017	SAN JOAQUIN COUNTY-MOKELUMNE ACRES	COMMUNITY	1,152	5	0	0	3	0	0	1	1	0	3,802	0
CA5000277	VALLEY HOME SCHOOL PIONEER	NON-TRANSIENT NON-COMMUNITY	1	1	0	0	0	0	0	1	1	0	26	0
CA5000483	RIVER OAK GRACE-WATER SYSTEM	TRANSIENT NON-COMMUNITY	4	1	0	0	0	0	0	0	1	1	500	500
CA5010018	RIVERBANK, CITY OF	COMMUNITY	7,191	10	0	0	1	0	0	0	1	1	24,834	24,834

## Appendix C-6: Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Eastern San Joaquin Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA3900579	CENTURY MOBILE HOME PARK	COMMUNITY	19	50	N		N		
CA3900649	GLENWOOD MOBILE HOME PARK	COMMUNITY	50	100	Y		N		
CA3900714	SUNNYSIDE ESTATES WATER SYSTEM	COMMUNITY	21	69	N		N		
CA3900751	MARTINEZ APARTMENTS	COMMUNITY	9	26	N		N		
CA3900964	SAHARA MOBILE COURT	COMMUNITY	162	300	N		N		
CA3900983	CHERRY LANE TRAILER PARK	COMMUNITY	43	100	N		N		
CA3901074	TWIN OAKS MOBILE PARK	COMMUNITY	85	238	N		N		
CA3901113	WALNUT ACRES	COMMUNITY	32	106	N		N		
CA3901169	MUSD-NILE GARDEN SCHOOL	NON-TRANSIENT NON-COMMUNITY	3	804	N		N		
CA3901213	SUNNY ROAD WATER SYSTEM	COMMUNITY	12	34	N		N		
CA3901248	FLAG CITY WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	41	135	Y	BLEND	N	YES	7/16/2015
CA3901322	MANTECA INDUSTRIAL PRK CSA-30	NON-TRANSIENT NON-COMMUNITY	23	76	N		N		
CA3901474	FREMONT ONE	COMMUNITY	15	39	N		N		
CA3910001	CALIFORNIA WATER SERVICE - STOCKTON	COMMUNITY	44,274	175,026	Y	BLEND	N	YES	5/15/2018
CA3910003	ESCALON, CITY OF	COMMUNITY	2,527	7,264	Y		N		

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA3910004	LODI, CITY OF	COMMUNITY	29,520	68,272	Y		N	YES	8/19/2008
CA3910005	MANTECA, CITY OF	COMMUNITY	26,685	84,928	Y	BLEND	N		
CA3910007	RIPON, CITY OF	COMMUNITY	5,144	15,769	Y		N		
CA3910012	CITY OF STOCKTON	COMMUNITY	50,687	190,688	Y		N		
CA3910014	SAN JOAQUIN COUNTY- RAYMUS VILLAGE	COMMUNITY	329	1,086	N		N		
CA3910017	SAN JOAQUIN COUNTY- MOKELUMNE ACRES	COMMUNITY	1,152	3,802	Y		N		
CA5000277	VALLEY HOME SCHOOL PIONEER	NON-TRANSIENT NON-COMMUNITY	1	26	N		N		
CA5000483	RIVER OAK GRACE-WATER SYSTEM	TRANSIENT NON- COMMUNITY	4	500	N		N		
CA5010018	RIVERBANK, CITY OF	COMMUNITY	7,191	24,834	N		N		

# Appendix C-7: Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Eastern San Joaquin Management Zone



**Appendix C-8: Compliance Status for All Public Water Systems in the Proposed Eastern San Joaquin Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)**

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3910020	STOCKTON VERDE MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	SDA C	293	722	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900927	SPRING CREEK ESTATES PWS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	36	119	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000433	OID-OAKDALE RURAL WATER SYSTEM #1	Eastern San Joaquin	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	473	1570	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000071	TWIN CYPRESS MOBILE HOME PARK	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDA C	45	112	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900596	VILLA CEREZOS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	Non-DAC	82	200	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000060	CASA DE AMIGOS MANUFACTURED HOUSING COMM	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	SDA C	73	220	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900606	A1 WINSTONS MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDA C	30	75	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	75	0	0
CA3910018	SAN JOAQUIN RIVER CLUB INC	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDA C	385	600	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3400135	KORTHS PIRATES LAIR	Eastern San Joaquin	SACRAMENTO	LPA64 - SACRAMENTO COUNTY	COMMUNITY	COMMUNITY	T (Rec Area)	At-Risk	SDAC	64	55	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901159	WILKINSON MANOR AZONE PWS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	DAC	38	125	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901215	SAN JUAN VISTA	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	72	201	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000014	OID #46 - SUNSET OAKS	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	79	269	Out of Compliance	SDWIS 11/20/2025	RPT	Pb Service Line Inventory	3/17/2021				X	269	0	0
CA3910003	ESCALON, CITY OF	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	2527	7264	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900721	WOODBRIIDGE MOBILE ESTATES	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	Non-DAC	37	110		SDWIS 11/20/2025								0	0	0
CA3900844	COUNTRY MANOR MHP	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	DAC	41	75	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901322	MANTECA INDUSTRIAL PRK CSA-30	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	23	76	In Compliance	SDWIS 11/20/2025								0	0	0
CA5010029	CITY OF MODESTO - DEL RIO	Eastern San Joaquin	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	407	1327	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000008	KNIGHTS FERRY	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	67	168	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
	COMM. SVC. DIST.			US COUNTY																			
CA5010014	OAKDALE, CITY OF	Eastern San Joaquin	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	8335	23235	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	23235	0	0
CA0500104	BURSON FULL GOSPEL CHURCH	Eastern San Joaquin	CALAVERAS	LPA35 - CALAVERAS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	2	80	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000165	WOODWARD RESERVOIR WATER SYSTEM	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	163	26	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000483	RIVER OAK GRACE-WATER SYSTEM	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	4	500	Out of Compliance	SDWIS 11/20/2025	MCL, MON	Nitrate, Nitrate	4/23/2024, 4/23/2024	X			X	500	500	0
CA5000175	SHIVELY'S BAR & GRILL	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	1	26	Out of Compliance	SDWIS 11/20/2025	MCL	E. Coli	11/6/2024			X		26	0	0
CA3900724	ELKHORN ESTATES WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	71	234	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900653	ISLANDER MARINA	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	Non-DAC	75	150	Out of Compliance	SDWIS 11/20/2025	MCL, MCL	Mn, Fe	6/15/2010, 6/15/2010			X		150	0	0
CA5000277	VALLEY HOME SCHOOL PIONEER	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	At-Risk	Non-DAC	1	26	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910023	OAKWOOD LAKE WATER DISTRICT-	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	448	1479	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
	SUBDIVISION																						
CA3910012	CITY OF STOCKTON	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not Assessed	#N/A	50687	190688	Out of Compliance	SDWIS 11/20/2025	RPT, MON	Pb+Cu, Pb+Cu	3/27/2025, 10/19/2023				X	190688	0	0
CA3900720	SHADED TERRACE PWS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	72	238	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900921	CARDOZA VILLA CORP	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Other)	Not At-Risk	Non-DAC	12	30	Out of Compliance	SDWIS 11/20/2025	MON, RPT	Tot Coli, Pb+Cu	10/21/2025, 3/27/2025				X	30	0	0
CA3910024	SAN JOAQUIN COUNTY - WILKINSON MANOR	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	258	851	In Compliance	SDWIS 11/20/2025								0	0	0
CA0510019	CCWD - WALLACE	Eastern San Joaquin	CALAVERAS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	108	255	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000581	PIONEER EQUINE HOSPITAL WATER SYSTEM	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	O (Other)	None	#N/A	1	25	Out of Compliance	SDWIS 11/20/2025	MCL	Coli	5/9/2017			X		25	0	0
CA3900563	GAYLA MANOR PWS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	54	178	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901337	MORADA ESTATES N PWS #46	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	129	426	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000132	VALLEY HOME SCHOOL TEXAS	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-	NON-TRANSIENT NON-	NT (School)	Not At-Risk	Non-DAC	1	80	Out of Compliance	SDWIS 11/20/2025	MON	Pb+Cu	8/25/2021				X	80	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
					COMMUNITY	COMMUNITY																	
CA5000401	KNIGHTS FERRY RECREATION AREA	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	1	26	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900813	HAVEN ACRES RIVER CLUB INC	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	Non-DAC	51	100	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910019	LINDEN COUNTY WATER DISTRICT	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	617	1784	In Compliance	SDWIS 11/20/2025								0	0	0
CA0500069	EL TORERO RESTAURANT	Eastern San Joaquin	CALAVERAS	LPA35 - CALAVERAS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	1	225	In Compliance	SDWIS 11/20/2025								0	0	0
CA0510010	VALLEY SPRINGS PUD	Eastern San Joaquin	CALAVERAS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	263	900	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910014	SAN JOAQUIN COUNTY-RAYMUS VILLAGE	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Failing	Non-DAC	329	1086	Out of Compliance	SDWIS 11/20/2025	MCL, MCL	Nitrate, 1,2,3-TCP	2/22/2023, 7/23/2018		X			1086	0	1086
CA5000447	RIVER ROAD PLAZA	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	T (Service Stat)	None	#N/A	6	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA0510006	CCWD - JENNY LIND	Eastern San Joaquin	CALAVERAS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	3884	9861	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900504	CLEMENTS WATER WORKS #43	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	83	264	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3900842	DOUBLE L MOBILE ESTATES	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	Non-DAC	150	320	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900719	MOKELUMNE MOBILE SENIOR PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	25	55	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	55	0	0
CA3901217	HAYNES BOARD & CARE HOME	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	NT (Institution)	At-Risk	Non-DAC	15	41	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000446	WHISKEY RIVER SALOON	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	2	26	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900983	CHERRY LANE TRAILER PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	43	100	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000082	4N MOBILE HOME PARK	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	DAC	31	65	Out of Compliance	SDWIS 11/20/2025	MCL	Coli	8/11/2017			X		65	0	0
CA3900505	FARMINGTON WATER COMPANY	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	78	270	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900964	SAHARA MOBILE COURT	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	162	300	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000503	OAKDALE CHEESE & SPECIALTIES	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	2	25	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910022	LITTLE POTATO SLOUGH MUTUAL	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	202	1510	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3900637	BIG WHEEL MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	63	120	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900664	NEW HOPE LANDING GENERAL STORE	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	SDAC	44	125	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900705	FINNLEES TRAILER PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	Non-DAC	26	55	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901114	KING ISLAND TRAILER PARK WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	76	236	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901213	SUNNY ROAD WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Other)	Failing	SDAC	12	34	Out of Compliance	SDWIS 11/20/2025	MCL	As	2/22/2022			X		34	0	0
CA3901474	FREMONT ONE	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Failing	SDAC	15	39	Out of Compliance	SDWIS 11/20/2025	MCL	Nitrate	2/15/2024	X				39	39	0
CA3910009	SAN JOAQUIN COUNTY - THORNTON	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	292	964	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000500	KINGDOM HALL JEHOVAH WITNESS	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	1	100	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000298	ORANGE BLOSSOM RECREATION AREA	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	1	26	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3900751	MARTINEZ APARTMENTS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Other)	Failing	Non-DAC	9	26	Out of Compliance	SDWIS 11/20/2025	MCL, MCL, MCL	As, 1,2,3-TCP, Nitrate	7/24/2023, 6/12/2024, 3/06/2023		X			26	0	26
CA3910701	DEFENSE DISTRIB. DEPOT, SHARPE SITE	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Other)	At-Risk	SDAC	37	525	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900732	V & P TRAILER COURT WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	DAC	15	35	Out of Compliance	SDWIS 11/20/2025	MCL, MCL	As, E. Coli	10/2/2025, 7/01/2025			X		35	0	0
CA3910010	SAN JOAQUIN COUNTY - LINCOLN VILLAGE	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	1815	5990	In Compliance	SDWIS 11/20/2025								0	0	0
CA5000237	NORTH OAKS MUTUAL WATER CO	Eastern San Joaquin	STANISLAUS	LPA80 - STANISLAUS COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	78	234	Out of Compliance	SDWIS 11/20/2025	MON	Pb+Cu	11/30/2023				X	234	0	0
CA3901169	MUSD-NILE GARDEN SCHOOL	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Failing	Non-DAC	3	804		SDWIS 11/20/2025								0	0	0
CA3901092	SAN JOAQUIN WATER WORKS #2	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	94	310	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900607	COUNTRY SQUIRE MOBILE ESTATES & WATER SY	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	Non-DAC	49	131	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900561	LODI LAKE MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	Non-DAC	54	104	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
				JOAQUIN COUNTY																			
CA3900568	CARIBOU MOBILE PARK PWS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	Non-DAC	72	180	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910007	RIPON, CITY OF	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	5144	15769	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910008	LOCKFORD COMMUNITY SERV. DIST.	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	846	2500	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900835	WAYSIDE MOTEL APARTMENTS WTR SYS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Other)	At-Risk	SDAC	25	70	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900523	MORADA MANOR WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	34	112	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900649	GLENWOOD MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	50	100	Out of Compliance	SDWIS 11/20/2025	RPT, RPT	CCR, Pb+Cu	8/20/2025, 3/27/2025				X	100	0	0
CA3901113	WALNUT ACRES	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	32	106	In Compliance	SDWIS 11/20/2025								0	0	0
CA0510012	CAMANCHE SOUTH SHORE-EBMUD	Eastern San Joaquin	CALAVERTAS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	T (Rec Area)	Not At-Risk	Non-DAC	448	837	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900762	RIVERSIDE MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	58	55	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3901276	HANOT FOUNDATION INC	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Other)	Potentially At-Risk	Non-DAC	15	38	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900714	SUNNYSIDE ESTATES WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	21	69	In Compliance	SDWIS 11/20/2025								0	0	0
CA3400149	RANCHO MARINA	Eastern San Joaquin	SACRAMENTO	LPA64 - SACRAMENTO COUNTY	COMMUNITY	COMMUNITY	T (Rec Area)	At-Risk	SDAC	77	250	Out of Compliance	SDWIS 11/20/2025	MCL, RPT, RPT	As, Pb+Cu, Drought Order	7/10/2025, 3/27/2025, 5/15/2024			X	X	250	0	0
CA3900579	CENTURY MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Failing	SDAC	19	50	Out of Compliance	SDWIS 11/20/2025	MCL	As	11/28/2017			X		50	0	0
CA3900512	MORADA ACRES WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	32	105	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900682	LOCKEFORD MOBILE HOME PARK WTR SYS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	Non-DAC	43	123	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910017	SAN JOAQUIN COUNTY-MOKELUMNE ACRES	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	1152	3802	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901248	FLAG CITY WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	T (Service Stat)	None	#N/A	41	135	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910015	CITY OF LATHROP	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	10412	35080	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA3901304	ENCLAVE AT THE DELTA	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	15	39	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901074	TWIN OAKS MOBILE PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	SDAC	85	238	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900558	RANCHO SAN JOAQUIN WATER SYS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	52	172	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910002	SAN JOAQUIN COUNTY - COLONIAL HEIGHTS	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	559	1841	In Compliance	SDWIS 11/20/2025								0	0	0
CA3901081	MOBILE VILLAS TRAILER PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	SDAC	36	130	In Compliance	SDWIS 11/20/2025								0	0	0
CA3400103	B & W RESORT MARINA	Eastern San Joaquin	SACRAMENTO	LPA64 - SACRAMENTO COUNTY	COMMUNITY	COMMUNITY	T (Rec Area)	At-Risk	SDAC	37	100	Out of Compliance	SDWIS 11/20/2025	RPT	Pb+Cu	3/27/2025				X	100	0	0
CA3400167	WILLOW BERM MARINA	Eastern San Joaquin	SACRAMENTO	LPA64 - SACRAMENTO COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	R (Residential)	None	#N/A	181	150	Out of Compliance	SDWIS 11/20/2025	MON	E. Coli	10/3/2016				X	150	0	0
CA3900722	MORADA ESTATES PWS	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	88	290	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900661	MAPACHE TRAILER PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	99	275	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910004	LODI, CITY OF	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 -	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	29520	68272	In Compliance	SDWIS 11/20/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
				STOCKTON																			
CA3910005	MANTECA, CITY OF	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Failing	Non-DAC	26685	84928	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900569	EL RIO MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	28	60	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900907	BEL AIR MOBILE ESTATE	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	SDAC	117	325	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900755	SHADY REST TRAILER COURT	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Failing	SDAC	49	150	Out of Compliance	SDWIS 11/20/2025	MCL	1,2,3-TCP	5/13/2024			X		150	0	0
CA3900517	ALMOND PARK WATER SYSTEM	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	20	60	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900624	IL VINETO	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	Non-DAC	83	160	In Compliance	SDWIS 11/20/2025								0	0	0
CA5010018	RIVERBANK, CITY OF	Eastern San Joaquin	STANISLAUS	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	7191	24834	In Compliance	SDWIS 11/20/2025								0	0	0
CA3910001	CALIFORNIA WATER SERVICE - STOCKTON	Eastern San Joaquin	SAN JOAQUIN	DISTRICT 10 - STOCKTON	COMMUNITY	COMMUNITY	R (Residential)	Not Assessed	#N/A	44274	175026	In Compliance	SDWIS 11/20/2025								0	0	0
CA3900602	TAHAMA VILLAGE MOBILE HOME PARK	Eastern San Joaquin	SAN JOAQUIN	LPA69 - SAN JOAQUIN COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Not At-Risk	DAC	68	200	In Compliance	SDWIS 11/20/2025								0	0	0



## Appendix C-10: Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Eastern San Joaquin Management Zone and Adjacent Area

Estimated Upper Zone Ambient Nitrate (2010-2025)**	DWR Domestic Wells Located Outside PWS Boundaries		DWR Domestic Wells Located Within PWS Boundaries	DWR Total Domestic Wells in Management Zone	2024 Census Block Analysis (Outside PWS service areas)
	Domestic Well Count Outside of PWS Boundaries	% of Total Domestic Wells Outside PWS Boundaries	Total Domestic Wells in MZ Within PWS Boundaries	All Domestic Wells in Management Zone	Population Outside PWS Boundaries
Group 1: ≤ 2.5 mg/L as N	1,161	87.4%	167	1,328	6,821
Group 2: > 2.5 - 5.0 mg/L as N	2,285	86.2%	367	2,652	14,952
Group 3: > 5.0 - 7.5 mg/L as N	1,485	87.8%	206	1,691	10,735
Group 4: >7.5 - 10.0 mg/L as N	1,290	84.9%	230	1,520	12,533
Group 5: > 10.0 mg/L as N	2,235	78.3%	618	2,853	16,211
Group 6: Unknown*	103	81.7%	23	126	1,135
<b>Total</b>	<b>8,559</b>	<b>84.2%</b>	<b>1,611</b>	<b>10,170</b>	<b>62,387</b>

\*Domestic wells of Census Blocks are located in a "Gap Area" where insufficient Upper Zone nitrate data exist to do a spatial interpolation of ambient nitrate conditions

\*\*Ambient nitrate levels are based on best available publicly-available nitrate data vetted at the time of analysis and are based on Upper Zone nitrate data from January 2010 to October 2025. These mapped nitrate levels are subject to change and are therefore adaptable, as new data become available.

## **Appendix C-11: Nitrate Groundwater Dataset for Proposed Eastern San Joaquin Management Zone**

Eastern San Joaquin Management Zone's nitrate groundwater dataset will be posted on the CV-SALTS Homepage at: <https://www.cvsalinity.org/resources/management-zone-development/>.

# Appendix D: Madera Management Zone

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## Appendix D: Madera Management Zone

- D-1 Madera Management Zone Community Profile
- D-2 Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Madera Management Zone
- D-3 Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Madera Management Zone
- D-4 Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Madera Management Zone
- D-5 Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Madera Management Zone
- D-6 Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Madera Management Zone
- D-7 Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Madera Management Zone
- D-8 Compliance Status for all Public Water Systems in the Proposed Madera Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)
- D-9 Domestic Wells Located Outside Public Water System Areas in the Proposed Madera Management Zone and Adjacent Management Zone
- D-10 Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Madera Management Zone
- D-11 Nitrate Groundwater Dataset for Proposed Madera Management Zone

## Appendix D-1: Madera Management Zone Community Profile

Data has been gathered for the Disadvantaged Communities (DAC) in the Madera Management Zone for the purpose of EAP development. In accordance with the State Water Board’s *Guidance for Engaging Communities During Development of Early Action Plans*, a community profile table has been compiled to better understand communities within the Management Zone. Appendix D-1 provides DAC demographic data to help understand how best to engage with these impacted communities and encourage participation during EAP development. It is important to understand and account for community diversity to ensure drinking water solutions are appropriately developed with residential input and affected communities are informed on how the Nitrate Control Program will impact them. Notably, this table identifies languages other than English in the region including Spanish and Asian & Pacific Islander to bridge potential translation gaps to help ensure success of the EAP.

**Community Demographics for Disadvantaged Communities in the Madera Management Zone<sup>1</sup>**

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Chowchilla city	19,039	\$67,212	English, Spanish	1%	2%	5%	26%	0.11%	19%	16%	7%	24%
Fairmead CDP	1,235	\$53,203	English, Spanish	2%	0.30%	3%	38%	0.09%	9%	21%	11%	16%
Fresno city	542,107	\$64,196	English, Spanish, Asian and Pacific Islander	1%	8%	4%	29%	0.11%	14%	15%	9%	19%
Friant CDP	446	\$49,534	English, Spanish	2%	1%	1%	10%	0%	36%	2%	10%	39%
Madera city	66,224	\$67,454	-	-	-	-	-	-	-	-	-	-
Parksdale CDP	3,234	\$45,281	English, Spanish	4%	0.27%	1%	46%	0.05%	3%	25%	9%	11%
Parkwood CDP	2,307	\$55,087	English, Spanish	5%	1%	2%	43%	0.07%	5%	23%	9%	13%

<sup>1</sup>Table developing using the US Census ([https://data.census.gov/profile/United\\_States?q=010XX00US](https://data.census.gov/profile/United_States?q=010XX00US)) 2020 Decennial Census and 2022-2023 American Community Survey (ACS) data.

<sup>2</sup>DACs were identified by using the Department of Water Resource’s DAC Mapping Tool Census Places (ASC: 2016 – 2020): (<https://gis.water.ca.gov/app/dacs/>), where DACs are determined by California’s MHI and utilizing the state DAC threshold of 80-percent.

<sup>3</sup>Languages spoken > 5-percent as listed in the 2022 ACS data. Use of this threshold is recommended in *Guidance for Engaging Communities During Development of Early Action Plans* (State Water Bo

ard, June 2020).

<sup>4</sup>- "indicates data was not available.

The Table below (Madera Management Zone DAC Point of Contacts for Nitrate Control Program) identifies key community members from each identified DAC in the Management Zone. It is important to identify these contacts to support community outreach efforts for increased participation and input on long-term drinking water solutions. This is a living document and will be updated during EAP implementation. Data gaps are identified, and efforts will be made to reach out to these communities to identify a point of contact.

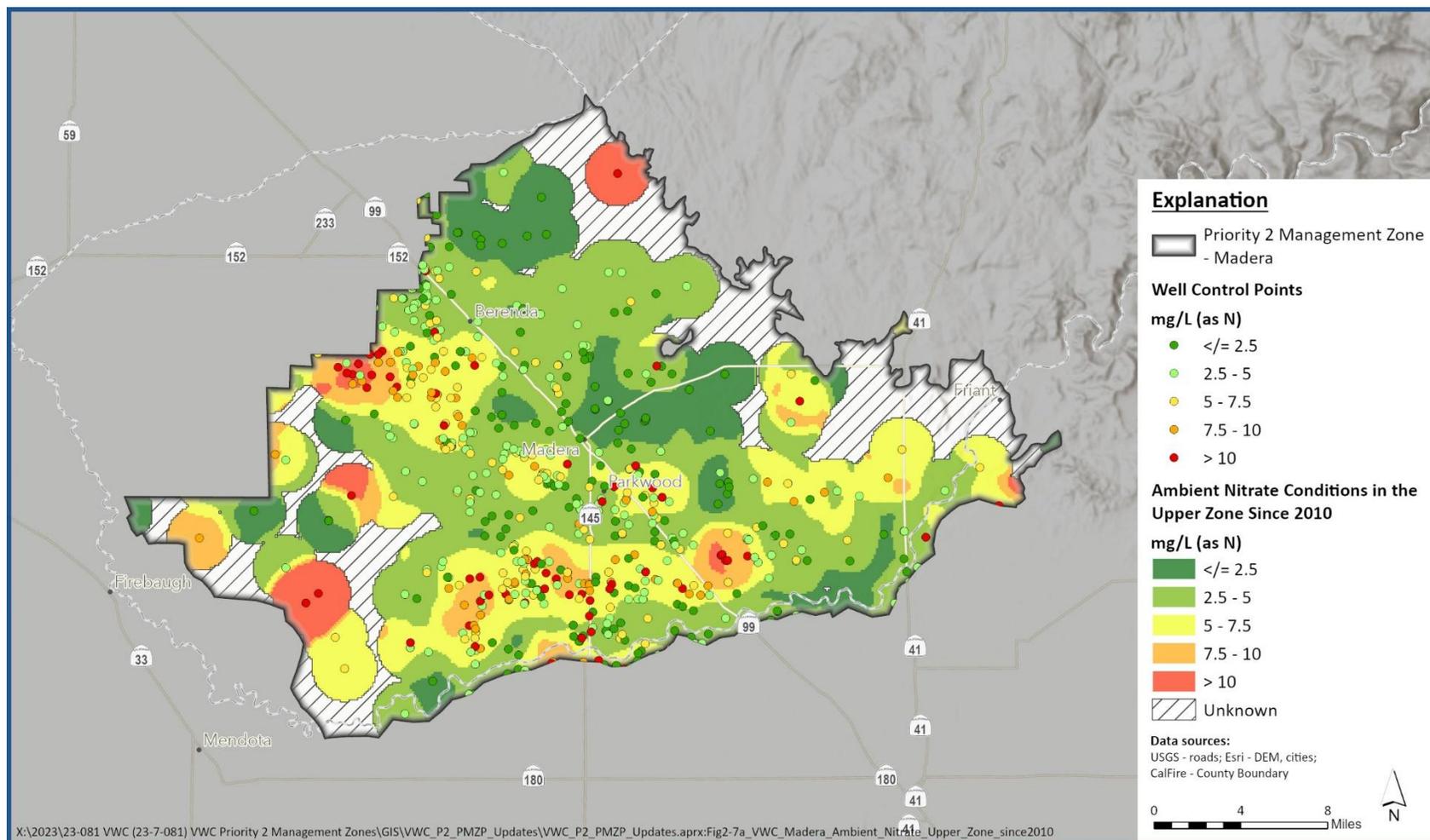
### **Madera Management Zone DAC Point of Contacts for Nitrate Control Program**

<b>DAC</b>	<b>Point of Contact</b>	<b>Phone Number</b>	<b>Email Address</b>
Chowchilla city*	TBD	TBD	TBD
Fairmead CDP*	David B. Rodgers	(559) 662-6020	<a href="mailto:district2@maderacounty.com">district2@maderacounty.com</a>
Fresno city*	Mike Karbassi	(559) 621-8000	<a href="mailto:mike.karbassi@fresno.gov">mike.karbassi@fresno.gov</a>
Friant CDP*	Luis Chavez	(559) 621-8000	<a href="mailto:luis.chavez@fresno.gov">luis.chavez@fresno.gov</a>
Madera city*	Cecelia Gallegos	(559) 706-5451	<a href="mailto:cgallegos@madera.gov">cgallegos@madera.gov</a>
Parksdale CDP*	TBD	TBD	TBD
Parkwood CDP*	TBD	TBD	TBD

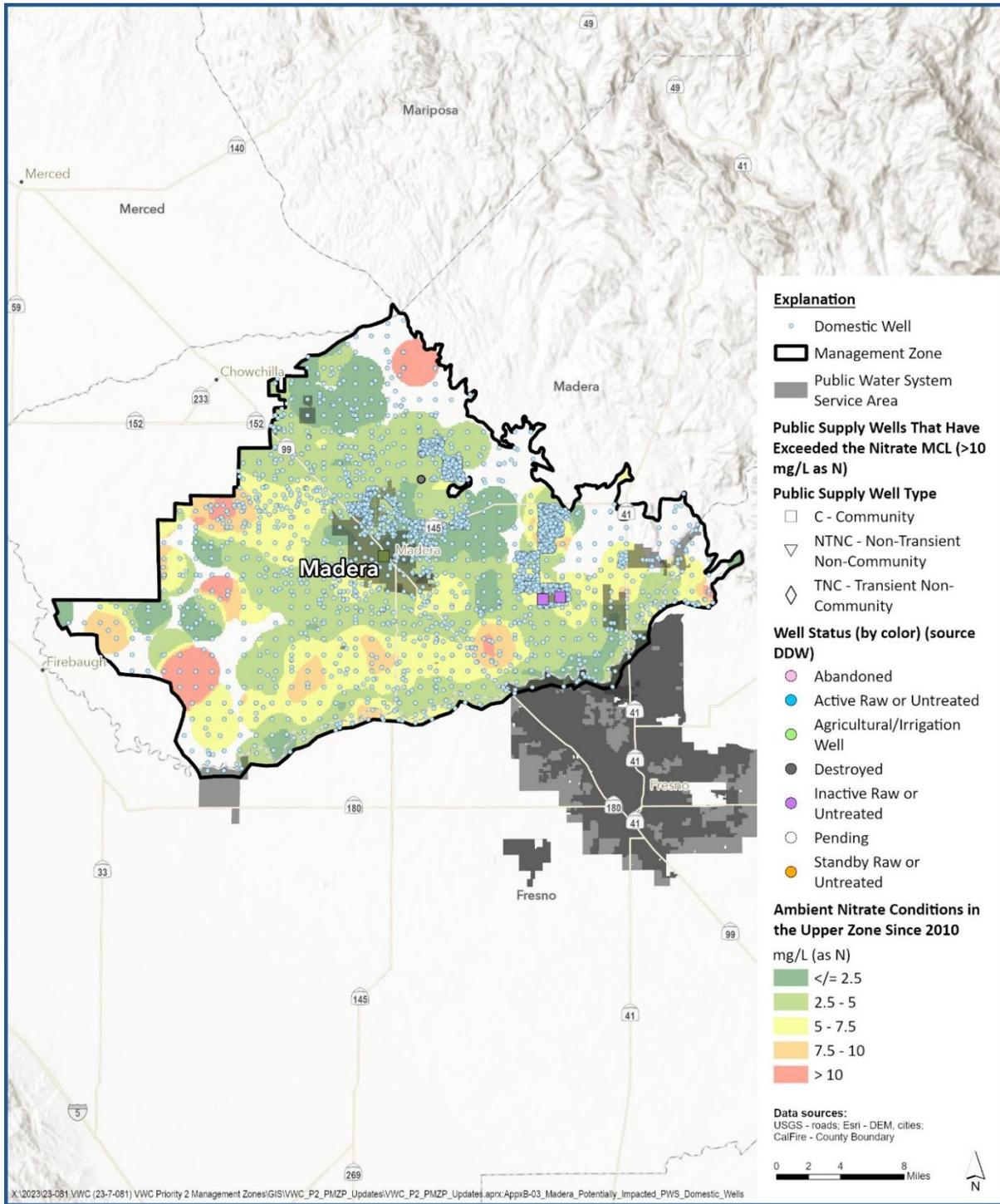
TBD = To Be Determined.

\*TBD or city council member information that needs to be updated once appropriate DAC point of contact is identified.

## Appendix D-2: Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Madera Management Zone



# Appendix D-3: Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Madera Management Zone



## Appendix D-4: Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Madera Management Zone

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_005_005	WELL 201 - INF - INACTIVE	9/11/1984 - 1/11/2016	62	4.49	16.00	1/11/2016	IR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_012_012	WELL 114 - DESTROYED	7/20/1994 - 9/12/1994	2	10.62	13.10	9/12/1994	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_017_017	WELL 209 - RAW	9/11/1984 - 10/10/2025	89	2.71	10.84	3/13/2000	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_018_018	WELL 210 - DESTROYED	9/11/1984 - 3/22/1989	3	8.58	12.42	10/26/1987	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_021_021	WELL 213 - DESTROYED	9/11/1984 - 9/19/2014	6	3.60	10.39	3/20/1989	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_024_024	WELL 216 - DESTROYED	9/11/1984 - 3/20/1989	3	8.90	11.75	3/20/1989	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_036_036	WELL 225 - INF	9/11/1984 - 10/20/2025	1013	0.23	11.07	6/18/2021	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_045_045	WELL 233 - DESTROYED	9/11/1984 - 2/23/1994	4	0.34	21.69	10/13/1987	IU	CITY OF FRESNO	COMMUNITY	140150	545466

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_060_060	WELL 248 - DESTROYED	2/14/1994 - 2/10/1997	3	3.84	13.10	2/10/1997	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_067_067	SITE 008A (GAC) - ABANDONED	8/3/2001 - 9/28/2009	231	ND	10.17	7/8/2002	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_074_074	WELL 259 - DESTROYED	9/11/1984 - 9/2/1994	6	7.91	14.01	10/21/1987	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_075_075	WELL 260 - DESTROYED	9/11/1984 - 9/13/1994	8	6.55	10.17	9/13/1994	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_077_077	WELL 262 - DESTROYED	9/11/1984 - 9/19/1994	4	1.85	11.34	3/3/1989	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_090_090	WELL 274 INF	9/11/1984 - 12/15/2014	115	0.23	11.07	12/15/2014	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_094_094	SITE 152 (GAC TRTD AT T-1) - INACTIVE	2/12/2002 - 12/5/2006	84	5.42	10.84	9/7/2006	IT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_110_110	WELL 294 - DESTROYED	5/23/1997 - 7/8/1997	4	9.26	10.62	7/8/1997	IU	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_130_130	WELL 008A - RAW	12/18/1992 - 2/28/2018	283	ND	11.00	7/6/2017	AR	CITY OF FRESNO	COMMUNITY	140150	545466

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_163_163	WELL 033A - RAW	10/22/1984 - 6/19/2025	62	2.20	40.21	10/22/1984	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_173_173	WELL 040A - RAW	9/17/1985 - 10/9/2017	38	4.29	10.39	9/19/2001	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_189_189	WELL 055-1 INF	8/16/1995 - 6/3/2011	336	2.71	18.30	8/12/2009	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_204_204	WELL 070 - INF	9/11/1985 - 10/20/2025	1084	1.24	14.00	2/27/2023	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_218_218	WELL 084 - RAW	9/17/1985 - 10/25/2012	77	0.77	10.62	10/25/2012	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_222_222	WELL 088 - DESTROYED	1/21/1988 - 6/4/1997	23	0.23	16.94	7/21/1993	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_239_239	WELL 105 - RAW	2/4/1988 - 10/9/2025	46	1.58	10.17	3/18/2004	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_242_242	WELL 108 (ANO-N WELL) - RAW	12/6/1988 - 3/25/2015	31	1.29	10.39	6/7/2000	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_244_244	WELL 110 INF - DESTROYED	3/13/1989 - 10/5/2005	17	5.20	11.07	10/5/2005	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_280_280	WELL 055-2 - RAW	1/19/1996 - 10/15/2025	375	1.81	15.14	2/26/1997	AR	CITY OF FRESNO	COMMUNITY	140150	545466

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_281_281	WELL 140 - RAW	8/26/1993 - 10/7/2025	836	0.52	12.20	10/9/2002	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_284_284	SITE 085 (GAC) - INACTIVE	10/3/1996 - 10/20/2025	583	1.90	13.00	6/10/2024	IT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_287_287	SITE 297 (GAC)	10/10/1996 - 12/12/2017	651	2.71	24.85	6/14/2002	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_288_288	SITE 176 (GAC TREATED AT 168)	7/15/2002 - 2/9/2018	166	1.06	10.17	9/5/2002	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_291_291	SITE 186 (GAC AT 168) - DESTROYED	5/3/2000 - 6/8/2021	217	ND	13.78	7/7/2005	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_293_293	WELL 153-2 INF	4/9/1998 - 10/20/2025	887	2.40	10.39	4/16/2007	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_297_297	WELL 100-2 - RAW	4/16/1997 - 7/13/2022	114	5.65	13.10	4/27/2022	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_311_311	WELL 182-2 - RAW INACTIVE	8/21/2003 - 10/26/2011	135	4.97	18.52	5/16/2008	IR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_312_312	WELL 297-2 INF	7/31/1996 - 12/12/2017	728	4.52	23.49	8/27/2007	AR	CITY OF FRESNO	COMMUNITY	140150	545466

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_317_317	WELL 152 INF - INACTIVE	7/2/2001 - 12/5/2006	87	7.00	18.30	8/28/2006	IR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_318_318	WELL 155-2 - INACTIVE	3/3/1998 - 9/18/2003	32	4.74	21.46	9/18/2003	IU	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_319_319	WELL 184 INF	3/5/1998 - 10/20/2025	1035	4.97	11.00	8/22/2022	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_320_320	WELL 185 INF - INACTIVE	6/16/1997 - 8/11/2023	199	2.03	15.14	7/11/2005	IR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_324_324	WELL 175-2 - INF	1/29/1997 - 10/20/2025	942	0.90	14.00	2/27/2023	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_332_332	SITE 055 (GAC)	2/26/1997 - 8/12/2009	238	2.94	15.59	8/12/2009	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_339_339	WELL 135A INF	5/19/1998 - 7/7/2023	708	3.61	12.00	7/7/2023	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_348_348	WELL 180-1 - RAW	3/14/2000 - 10/20/2025	852	2.10	11.97	6/12/2006	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_349_349	WELL 180-2 - INF	5/3/2004 - 10/20/2025	819	2.71	21.00	10/20/2025	AR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_351_351	SITE 135 (GAC)	2/2/2000 - 2/18/2021	707	2.03	10.17	8/20/2008	AT	CITY OF FRESNO	COMMUNITY	140150	545466

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_353_353	SITE 153 (GAC)	3/23/2000 - 5/22/2023	642	0.52	15.81	8/12/2013	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_355_355	SITE 184 (GAC)	6/22/1999 - 10/20/2025	1025	2.03	12.20	6/12/2002	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_358_358	SITE 276 (GAC) - INACTIVE	9/13/2000 - 10/11/2000	3	7.91	10.62	10/11/2000	IT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_369_369	SITE 253 (GAC) - INACTIVE	8/26/1998 - 12/7/1998	6	9.26	16.94	12/7/1998	IT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_370_370	SITE 274 (GAC)	3/23/2000 - 12/15/2014	109	ND	11.30	12/15/2014	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_378_378	WELL 253-2A INF - INACTIVE	5/22/1998 - 12/17/1998	15	3.61	11.52	12/17/1998	IR	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_379_379	SITE 113 (GAC) - DESTROYED	12/11/1998 - 3/3/1999	5	8.58	12.88	2/10/1999	DS	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_382_382	SITE 185 (GAC) - INACTIVE	3/23/2000 - 5/10/2016	60	4.52	10.62	12/10/2001	IT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_568_568	SITE 201 - GAC - INACTIVE	10/17/2002 - 8/5/2004	34	6.78	19.88	10/17/2002	IT	CITY OF FRESNO	COMMUNITY	140150	545466

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA1010007_569_569	SITE 182-2 (GAC) - INACTIVE	8/21/2003 - 5/16/2008	127	6.78	16.49	5/16/2008	IT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_570_570	SITE 180-2 (GAC)	5/14/2004 - 10/20/2025	803	7.68	20.00	10/20/2025	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA1010007_593_593	SITE 225 (GAC TRTD AT 184)	7/21/2003 - 10/20/2025	984	2.90	10.62	2/17/2015	AT	CITY OF FRESNO	COMMUNITY	140150	545466
CA2000724_002_002	WELL 02	5/26/2016 - 4/7/2025	13	0.85	11.00	10/8/2024	DR	SA 14 CHUK CHANSE SUBDIVISION	COMMUNITY	31	100
CA2010002_027_027	WELL 27 - TREATED EFFLUENT	6/13/2002 - 3/8/2011	133	0.52	10.39	3/8/2011	IT	CITY OF MADERA	COMMUNITY	15112	65074
CA2010008_002_002	FERNWOOD - INACTIVE	4/19/1985 - 9/3/2009	30	3.50	11.52	1/19/2000	IU	MADERA CO MD10A-MADERA RANCHOS	COMMUNITY	945	3172
CA2010008_003_003	SPARTA - INACTIVE	4/19/1985 - 5/15/2006	23	3.84	12.49	5/15/2006	IU	MADERA CO MD10A-MADERA RANCHOS	COMMUNITY	945	3172

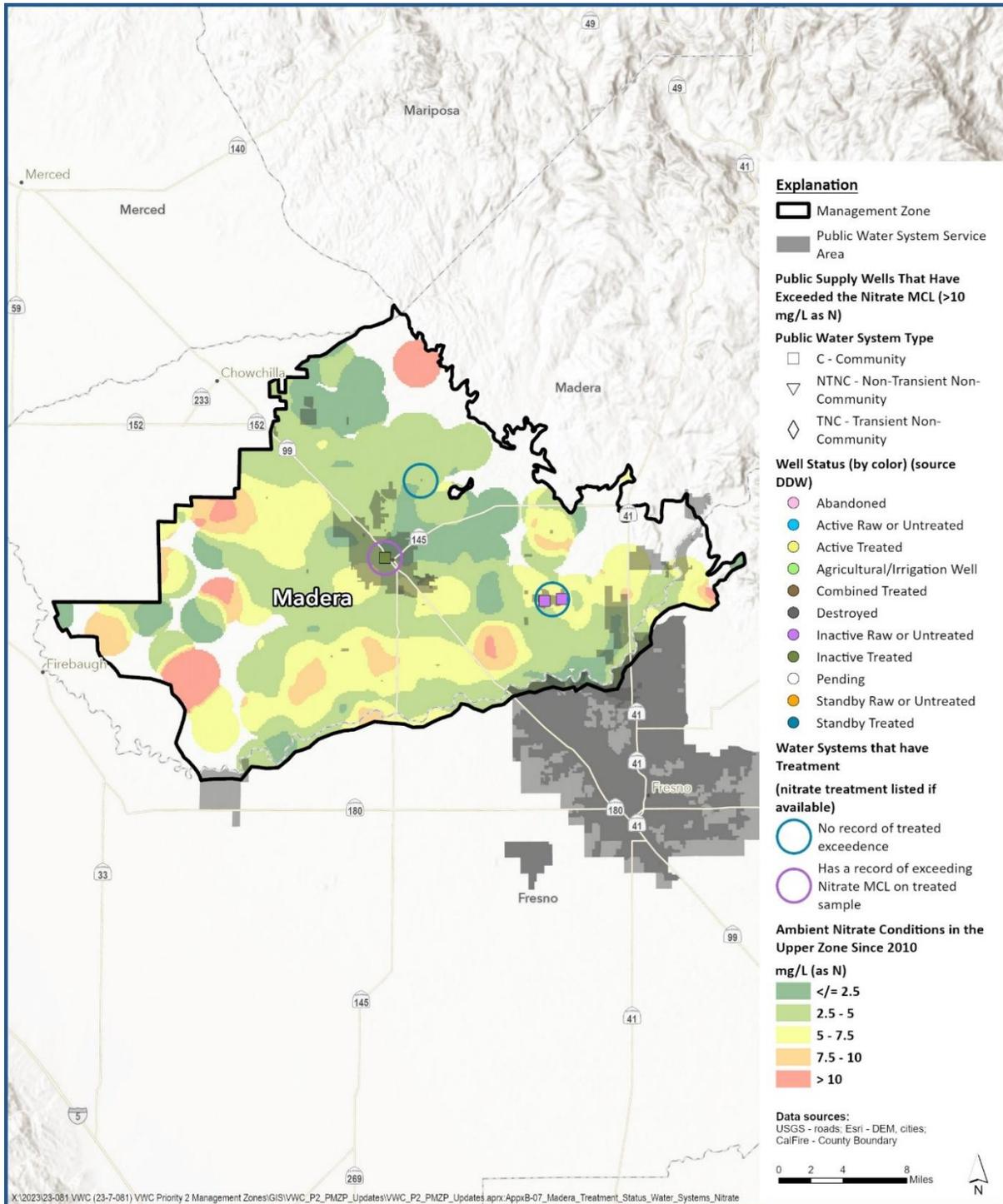
## Appendix D-5: Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Madera Management Zone

DDW No.	System Name	PWS Type	Number of Wells in Public Water Supply Systems by Well Status										Population Served	Est. Potentially Affected Population with Active Wells > MCL
			No. of Connections	Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA1010007	CITY OF FRESNO	COMMUNITY	140,150	247	0	3	108	27	2	0	58	30	545,466	545,466
CA2000724	SA 14 CHUK CHANSE SUBDIVISION	COMMUNITY	31	1	0	0	0	0	0	0	1	0	100	0
CA2010002	CITY OF MADERA	COMMUNITY	15,112	19	0	0	10	1	0	0	1	0	65,074	0
CA2010008	MADERA CO MD10A-MADERA RANCHOS	COMMUNITY	945	3	0	0	0	4	0	0	2	0	3,172	0

## Appendix D-6: Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Madera Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA1010007	CITY OF FRESNO	COMMUNITY	140,150	545,466	Y	BLEND, RO	Y	YES	10/20/2025
CA2000724	SA 14 CHUK CHANSE SUBDIVISION	COMMUNITY	31	100	Y		N		
CA2010002	CITY OF MADERA	COMMUNITY	15,112	65,074	Y		Y	YES	3/8/2011
CA2010008	MADERA CO MD10A-MADERA RANCHOS	COMMUNITY	945	3,172	N		N		

# Appendix D-7: Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Madera Management Zone



**Appendix D-8: Compliance Status for All Public Water Systems in the Proposed Madera Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)**

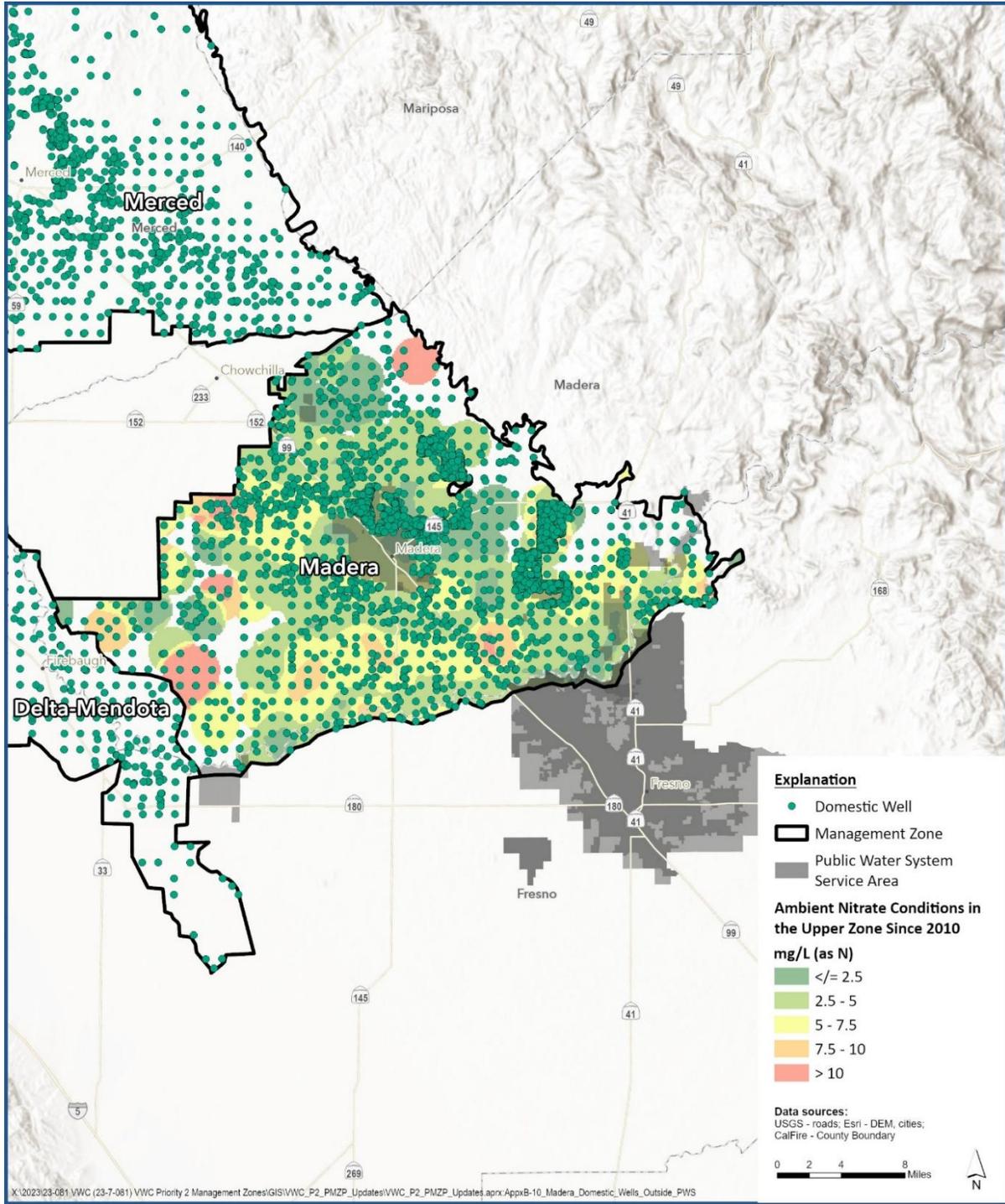
PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2010800	CENTRAL CA WOMENS FACILITY	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	NT (Institution)	At-Risk	SDAC	656	2256	In Compliance	SDWIS 11/21/2025								0	0	0
CA1000097	FCPG/LOST LAKE RECREATION AREA	Madera	FRESNO	DISTRICT 23 - FRESNO	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	20	109	In Compliance	SDWIS 11/21/2025								0	0	0
CA1010007	CITY OF FRESNO	Madera	FRESNO	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R,O (Residential, Wholesale)	Not Assessed	#N/A	140150	545466	In Compliance	SDWIS 11/21/2025								0	0	0
CA1000443	BLUFF POINTE GOLF COURSE	Madera	FRESNO	DISTRICT 23 - FRESNO	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	1	200	In Compliance	SDWIS 11/21/2025								0	0	0
CA1010026	PINEDALE COUNTY WATER DISTRICT	Madera	FRESNO	DISTRICT 12 - VISALIA	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	SDAC	2120	16736	In Compliance	SDWIS 11/21/2025								0	0	0
CA2000608	WILDWOOD MOBILE HOME PARK INC	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	Non-DAC	68	106	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	106	0	0
CA2010002	CITY OF MADERA	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	DAC	15112	65074	In Compliance	SDWIS 11/21/2025								0	0	0
CA1000555	FCSA #44C/RIVERVIEW ESTATES	Madera	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	12	34	Out of Compliance	SDWIS 11/21/2025	MON	1,2,3-TCP	12/24/2018				X	34	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA1000590	FCOE SCOUT ISLAND	Madera	FRESNO	DISTRICT 23 - FRESNO	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	1	205	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	8/4/2025				X	205	0	0
CA2000729	MADERA CO SA16 SUMNER HILL	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Failing	DAC	41	135	Out of Compliance	SDWIS 11/21/2025	MCL, MCL	TTHM, HAA5	9/23/2025, 9/23/2025			X		135	0	0
CA2000724	SA 14 CHUK CHANSE SUBDIVISION	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	31	100	In Compliance	SDWIS 11/21/2025								0	0	0
CA2000692	MD 95 RANCHOS WEST	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	27	150	In Compliance	SDWIS 11/21/2025								0	0	0
CA2010010	MADERA VALLEY WATER COMPANY	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	1950	6428	In Compliance	SDWIS 11/21/2025								0	0	0
CA2010009	BAKMAN WATER-ROLLING HILLS	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	344	1107	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	1107	0	0
CA2000595	MADERA MH & RV PARK	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Mobile Park)	At-Risk	SDAC	99	450	In Compliance	SDWIS 11/21/2025								0	0	0
CA2000554	MD 33 FAIRMEAD	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	164	568	In Compliance	SDWIS 11/21/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2000950	BBPA FIRE/ARCHCOMB DOMESTIC	Madera	MADERA	LPA50 - MADERA COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	O (Other)	None	#N/A	1	25	In Compliance	SDWIS 11/21/2025								0	0	0
CA2000529	BONADELLE RANCHOS MUTUAL WATER	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	Non-DAC	23	50	In Compliance	SDWIS 11/21/2025								0	0	0
CA1000230	EN-T-EM "ON THE RIVER"	Madera	FRESNO	DISTRICT 23 - FRESNO	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	1	200	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	9/10/2021				X	200	0	0
CA2010801	VALLEY STATE PRISON	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	NT (Institution)	At-Risk	SDAC	74	3147	In Compliance	SDWIS 11/21/2025								0	0	0
CA1009039	PAPPAS & CO (MENDOTA)	Madera	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Other)	Failing	DAC	13	27	Out of Compliance	SDWIS 11/21/2025	RPT, MCL	Pb+Cu, HAA5	3/27/2025, 8/06/2021			X	X	27	0	0
CA1010051	FCWWD #18/FRIANT	Madera	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	251	772	In Compliance	SDWIS 11/21/2025								0	0	0
CA2010006	MADERA CO SA3-PARKSDALE	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	SDAC	542	1789	In Compliance	SDWIS 11/21/2025								0	0	0
CA2000728	MD 37 LA VINA	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	100	350	In Compliance	SDWIS 11/21/2025								0	0	0
CA2010004	MADERA CO CMD19-PARKWOOD	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	496	1637	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	5/15/2025				X	1637	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA1000641	LARRY A SHEHADEY DAIRY	Madera	FRESNO	DISTRICT 23 - FRESNO	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	95	Out of Compliance	SDWIS 11/21/2025	MON	1,2,3-TCP	1/2/2019				X	95	0	0
CA2000727	MD 36 EASTIN ARCOLA	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	16	84	In Compliance	SDWIS 11/21/2025								0	0	0
CA2000553	MD 28 RIPPERDAN SELF HELP	Madera	MADERA	LPA50 - MADERA COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Failing	Non-DAC	17	48	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	10/14/2025			X		48	0	0
CA2000770	POMONA RANCH HOUSING CENTER	Madera	MADERA	LPA50 - MADERA COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	54	322	In Compliance	SDWIS 11/21/2025								0	0	0
CA2010016	RIVERSTONE/ROO TCREEK WATER DISTRICT	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Subdivision)	Not At-Risk	Non-DAC	1772	5507	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	5507	0	0
CA1000298	WOODWARD BLUFFS MHP	Madera	FRESNO	DISTRICT 23 - FRESNO	COMMUNITY	COMMUNITY	R (Mobile Park)	Potentially At-Risk	Non-DAC	172	300	In Compliance	SDWIS 11/21/2025								0	0	0
CA2010008	MADERA CO MD10A-MADERA RANCHOS	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Failing	Non-DAC	945	3172	Out of Compliance	SDWIS 11/21/2025	MCL	Mn	2/7/2022			X		3172	0	0
CA2010017	TESORO VIEJO MASTER MWC, INC.	Madera	MADERA	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	853	2640	In Compliance	SDWIS 11/21/2025								0	0	0

# Appendix D-9: Domestic Wells Located Outside Public Water System Areas in the Proposed Madera Management Zone and Adjacent Area



## Appendix D-10: Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Madera Management Zone and Adjacent Area

Estimated Upper Zone Ambient Nitrate (2010-2025)**	DWR Domestic Wells Located Outside PWS Boundaries		DWR Domestic Wells Located Within PWS Boundaries	DWR Total Domestic Wells in Management Zone	2024 Census Block Analysis (Outside PWS service areas)
	Domestic Well Count Outside of PWS Boundaries	% of Total Domestic Wells Outside PWS Boundaries	Total Domestic Wells in MZ Within PWS Boundaries	All Domestic Wells in Management Zone	Population Outside PWS Boundaries
Group 1: ≤ 2.5 mg/L as N	665	94.1%	42	707	5,247
Group 2: > 2.5 - 5.0 mg/L as N	2,417	88.7%	308	2,725	11,304
Group 3: > 5.0 - 7.5 mg/L as N	2,091	87.9%	287	2,378	7,603
Group 4: >7.5 - 10.0 mg/L as N	332	100.0%	0	332	934
Group 5: > 10.0 mg/L as N	28	100.0%	0	28	149
Group 6: Unknown*	315	98.1%	6	321	1,099
<b>Total</b>	<b>5,848</b>	<b>90.1%</b>	<b>643</b>	<b>6,491</b>	<b>26,336</b>

\*Domestic wells of Census Blocks are located in a "Gap Area" where insufficient Upper Zone nitrate data exist to do a spatial interpolation of ambient nitrate conditions

\*\*Ambient nitrate levels are based on best available publicly-available nitrate data vetted at the time of analysis and are based on Upper Zone nitrate data from January 2010 to October 2025. These mapped nitrate levels are subject to change and are therefore adaptable, as new data become available.

## **Appendix D-11: Nitrate Groundwater Dataset for Proposed Madera Management Zone**

Madera Management Zone's nitrate groundwater dataset will be posted on the CV-SALTS Homepage at:  
<https://www.cvsalinity.org/resources/management-zone-development/>.

# Appendix E: Merced Management Zone

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## Appendix E: Merced Management Zone

- E-1 Merced Management Zone Community Profile
- E-2 Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Merced Management Zone
- E-3 Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Merced Management Zone
- E-4 Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Merced Management Zone
- E-5 Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Merced Management Zone
- E-6 Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Merced Management Zone
- E-7 Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Merced Management Zone
- E-8 Compliance Status for all Public Water Systems in the Proposed Merced Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)
- E-9 Domestic Wells Located Outside Public Water System Areas in the Proposed Merced Management Zone and Adjacent Management Zone
- E-10 Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Merced Management Zone
- E-11 Nitrate Groundwater Dataset for Proposed Merced Management Zone

## Appendix E-1: Merced Management Zone Community Profile

Data has been gathered for the Disadvantaged Communities (DAC) in the Merced Management Zone for the purpose of EAP development. In accordance with the State Water Board’s *Guidance for Engaging Communities During Development of Early Action Plans*, a community profile table has been compiled to better understand communities within the Management Zone. Appendix E-1 provides DAC demographic data to help understand how best to engage with these impacted communities and encourage participation during EAP development. It is important to understand and account for community diversity to ensure drinking water solutions are appropriately developed with residential input and affected communities are informed on how the Nitrate Control Program will impact them. Notably, this table identifies languages other than English in the region including Spanish, Asian & Pacific Islander, and Other Indo-European to bridge potential translation gaps to help ensure success of the EAP.

**Community Demographics for Disadvantaged Communities in the Merced Management Zone<sup>1</sup>**

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Atwater city	31,970	\$64,195	English, Spanish	2%	3%	2%	32%	0.14%	15%	15%	10%	22%
El Nido CDP	331	\$52,716	English, Spanish	1%	1%	0%	40%	0%	9%	30%	7%	12%
Franklin CDP	6,919	\$55,911	English, Spanish, Asian and Pacific Islander	1%	9%	2%	34%	0.08%	10%	17%	10%	17%
Le Grand CDP	1,592	\$56,563	English, Spanish	1%	0.29%	0.35%	42%	0.03%	7%	21%	12%	17%
Livingston city	14,172	\$70,918	English, Spanish, Other Indo-European	2%	12%	0.50%	40%	0.08%	4%	23%	10%	9%

## Community Demographics for Disadvantaged Communities in the Merced Management Zone<sup>1</sup>

DACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Merced city	86,333	\$64,160	English, Spanish, Asian and Pacific Islander	1%	6%	3%	31%	0.14%	13%	15%	10%	20%
Planada CDP	4,164	\$44,792	English, Spanish	1%	0.40%	1%	47%	0.17%	2%	25%	11%	12%
Winton CDP	11,709	\$54,503	English, Spanish	2%	2%	1%	41%	0.06%	7%	21%	9%	16%

<sup>1</sup>Table developed using the US Census ([https://data.census.gov/profile/United\\_States?q=010XX00US](https://data.census.gov/profile/United_States?q=010XX00US)) 2020 Decennial Census and 2022-2023 American Community Survey (ACS) data.

<sup>2</sup>DACs were identified by using the Department of Water Resource's DAC Mapping Tool Census Places (ASC: 2016 – 2020): (<https://gis.water.ca.gov/app/dacs/>), where DACs are determined by California's MHI and utilizing the state DAC threshold of 80-percent.

<sup>3</sup>Languages spoken > 5-percent as listed in the 2022 ACS data. Use of this threshold is recommended in Guidance for Engaging Communities During Development of Early Action Plans (State Water Board, June 2020).

<sup>4</sup>-"indicates data was not available.

The Table below (Merced Management Zone DAC Point of Contacts for Nitrate Control Program) identifies key community members from each identified DAC in the Management Zone. It is important to identify these contacts to support community outreach efforts for increased participation and input on long-term drinking water solutions. This is a living document and will be updated during EAP implementation. Data gaps are identified, and efforts will be made to reach out to these communities to identify a point of contact.

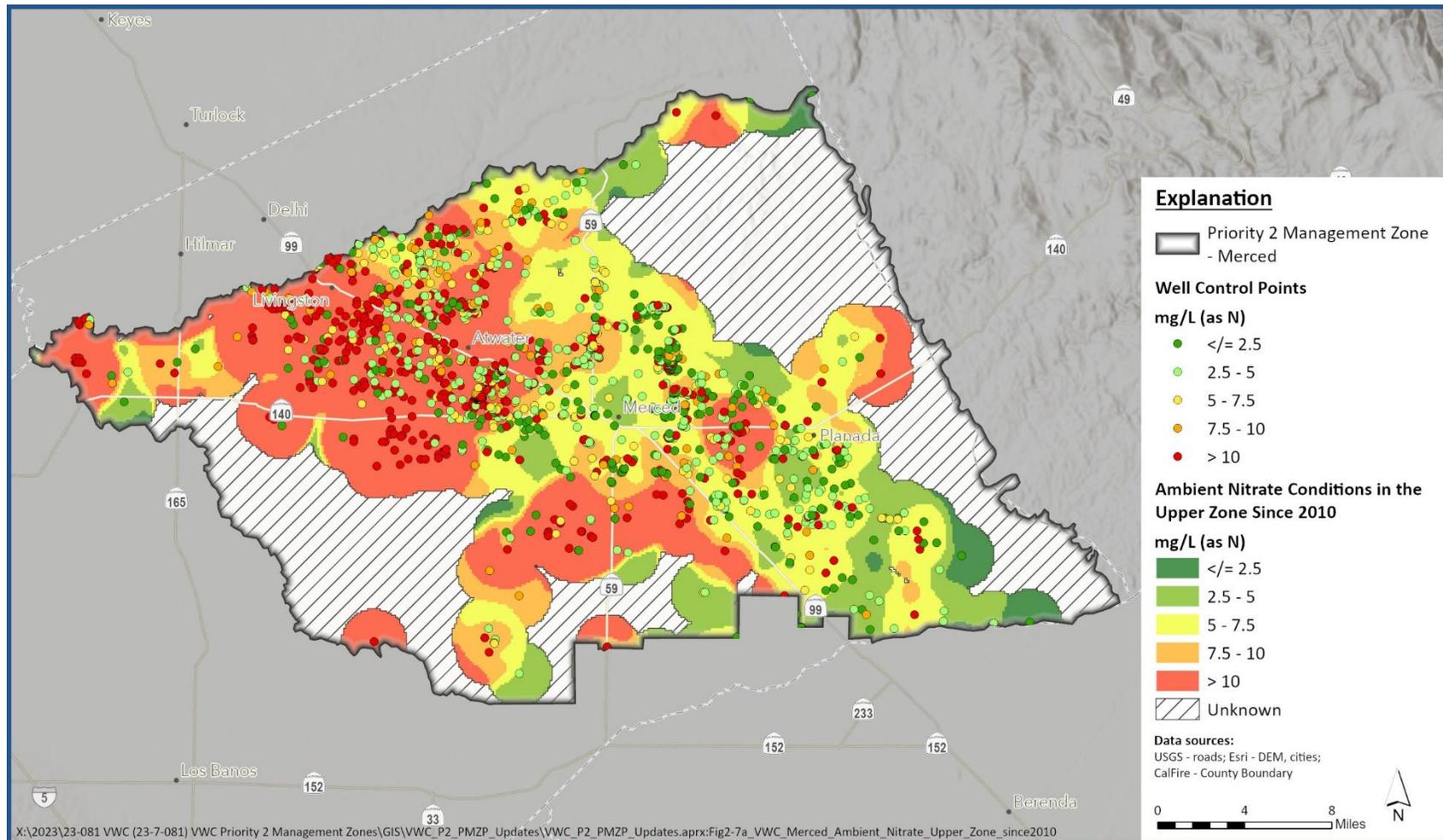
### Merced Management Zone DAC Point of Contacts for Nitrate Control Program

DAC	Point of Contact	Phone Number	Email Address
Atwater city*	Stefani Durbin	(209) 357-6300	<a href="mailto:sdurbin@atwater.org">sdurbin@atwater.org</a>
El Nido CDP*	TBD	TBD	TBD
Franklin CDP	Tsia Xiong	(209) 257-3469	
Le Grand CDP	Loraine Bocks	(209) 756-2015	
Livingston city	Gerald Conte	(209) 394-8041	<a href="mailto:gconte@livingstoncity.com">gconte@livingstoncity.com</a>
Merced city	Ken Elwin	(209) 385-6803	
Planada CDP	Lucinda Martinez	(209) 382-4122	<a href="mailto:elwink@cityofmerced.org">elwink@cityofmerced.org</a>
Winton CDP	Carolyn Watkins	(209) 606-6422	

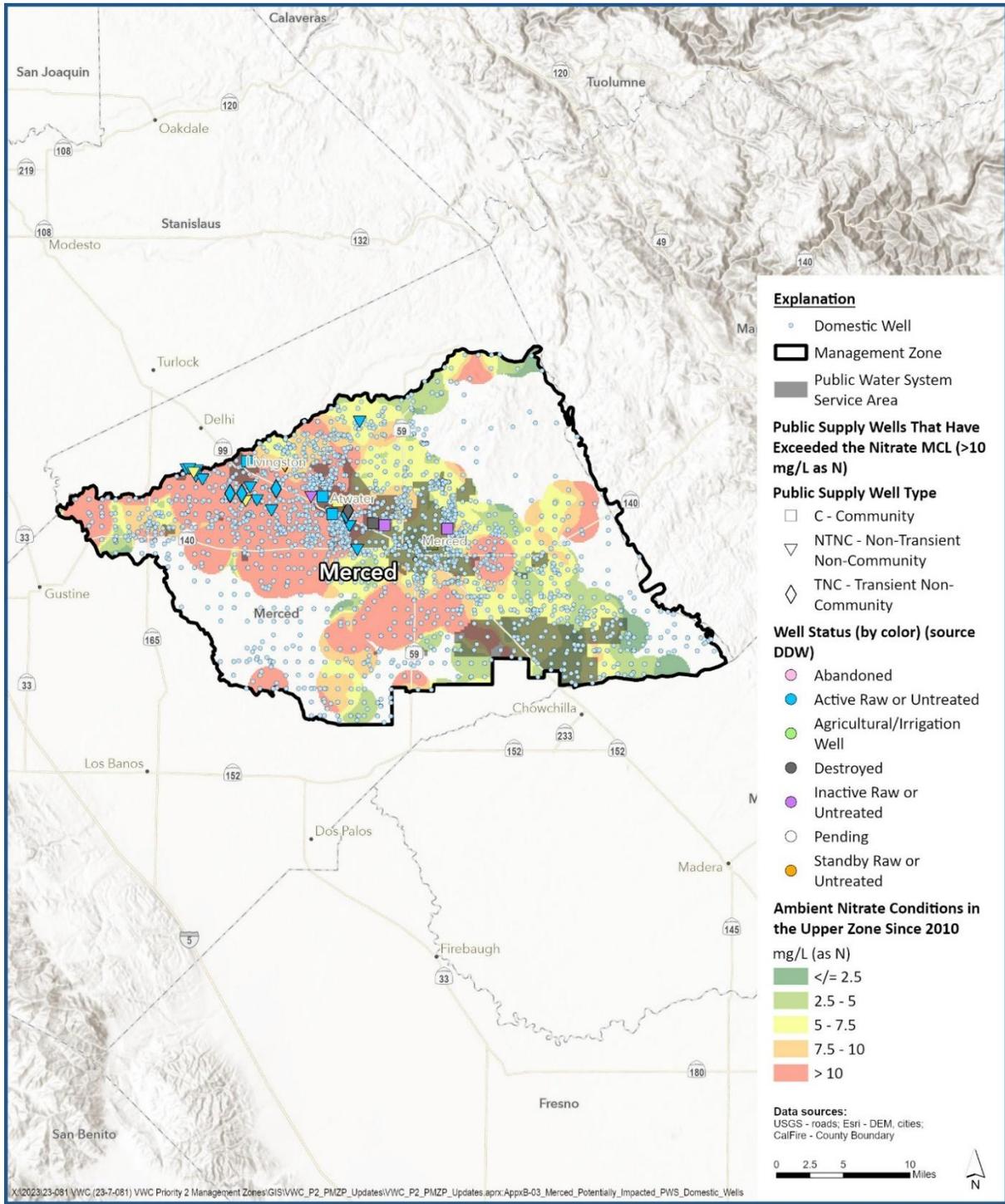
TBD = To Be Determined.

\*TBD or city council member information that needs to be updated once appropriate DAC point of contact is identified.

## Appendix E-2: Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Merced Management Zone



# Appendix E-3: Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Merced Management Zone



## Appendix E-4: Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Merced Management Zone

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2400011_011_011	WELL 1 - IRRIGATION	3/24/2003 - 1/18/2011	50	4.79	17.42	1/18/2011	IU	DOLE ATWATER PLANT	NON-TRANSIENT NON-COMMUNITY	2	1500
CA2400013_002_002	WELL 02	5/4/2004 - 10/15/2025	482	2.20	21.00	10/15/2025	AU	SENSIENT NATURAL INGREDIENTS LLC	NON-TRANSIENT NON-COMMUNITY	4	350
CA2400013_004_004	WELL 4-STANDBY WELL (NEWEST WELL)	5/9/2017 - 10/15/2025	247	2.80	26.00	10/15/2025	SR	SENSIENT NATURAL INGREDIENTS LLC	NON-TRANSIENT NON-COMMUNITY	4	350
CA2400013_005_005	IX - NITRATE REMOVAL	5/2/2017 - 10/15/2025	118	0.23	23.00	5/28/2025	AT	SENSIENT NATURAL INGREDIENTS LLC	NON-TRANSIENT NON-COMMUNITY	4	350

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2400071_001_001	WELL #1-250 FT N. OF GYMNASIUM	2/13/2007 - 8/12/2025	64	3.23	13.00	1/4/2018	AU	WASHINGTON SCHOOL	NON-TRANSIENT NON-COMMUNITY	6	330
CA2400079_002_002	WELL #1-COUNTY WELL 01S (1981)	12/15/2011 - 8/13/2015	12	ND	14.68	2/11/2015	AU	MCSWAIN ELEMENTARY SCHOOL	NON-TRANSIENT NON-COMMUNITY	26	1055
CA2400089_001_001	WELL #1-E. OF CARETAKER S HOUSE	1/3/2011 - 7/15/2019	17	ND	17.00	10/3/2016	AU	HAGAMAN COUNTY PARK	TRANSIENT NON-COMMUNITY	8	280
CA2400117_001_001	GOLF COURSE WELL - DESTR. 9/03	2/12/2002 - 11/3/2022	24	2.46	11.48	8/7/2003	DS	RANCHO DEL REY GOLF CLUB	TRANSIENT NON-COMMUNITY	3	170
CA2400117_011_011	WELL#2CLUB HOUSE LOOP A	2/12/2002 - 2/3/2025	131	ND	11.27	5/29/2007	AU	RANCHO DEL REY GOLF CLUB	TRANSIENT NON-COMMUNITY	3	170
CA2400122_001_001	WELL #1-S.W. OF SCHOOL BUILDINGS	5/7/2002 - 8/25/2025	65	5.40	13.00	8/25/2025	AU	LONGVIEW MENNONITE SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	120

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2400122_012_012	GAC FILTER-LAG	6/12/2007 - 1/20/2014	11	6.28	13.55	1/20/2014	AT	LONGVIEW MENNONITE SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	120
CA2400122_013_013	RO Treated	11/21/2011 - 10/13/2025	132	0.90	10.60	8/15/2016	AT	LONGVIEW MENNONITE SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	120
CA2400134_001_001	WELL #1-FRONT OF MIDDLE BUILDING	3/7/2000 - 9/17/2020	115	ND	24.85	3/18/2020	AU	BUHACH PRESCHOOL (KINDER CARE)	NON-TRANSIENT NON-COMMUNITY	3	118
CA2400169_002_002	WELL 4-1500 S OF RIVER RD (130 DEEP)	4/19/2001 - 9/29/2025	700	0.68	19.13	9/23/2024	AU	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288
CA2400169_003_003	BLENDING TANK 3006-WELLS 4,6,7,8	4/19/2001 - 9/5/2018	118	ND	12.65	10/6/2008	AT	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2400169_004_004	WELL 05	10/15/2001 - 1/23/2003	3	ND	10.17	10/9/2002	AR	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288
CA2400169_014_014	WELL 6-NW OF PEACH & HOWARD	7/12/2005 - 9/29/2025	723	ND	46.31	9/29/2025	AU	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288
CA2400169_016_016	WELL 7-BY CANAL W OF VINEWOOD-CONN.1/06	7/10/2006 - 9/29/2025	642	0.54	18.30	9/29/2025	AU	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288
CA2400169_017_017	WELL 8-ON BLUFF E OF WINERY, 9/06	11/1/2006 - 9/29/2025	717	ND	12.38	3/29/2021	AU	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288
CA2400169_022_022	WELL NO. 10	6/1/2016 - 6/2/2025	380	0.40	12.70	9/18/2023	AR	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2400232_001_001	WELL 1 NORTH (DRILLED 1987)	8/5/2011 - 10/3/2012	9	5.64	10.39	10/3/2012	IU	AV THOMAS PRODUCE, INC.	NON-TRANSIENT NON-COMMUNITY	4	206
CA2400232_002_002	WELL 2 SOUTH (DRILLED 2007)	9/15/2011 - 3/13/2023	40	2.94	13.00	3/13/2023	AU	AV THOMAS PRODUCE, INC.	NON-TRANSIENT NON-COMMUNITY	4	206
CA2400249_001_001	WELL 01	4/2/2014 - 7/6/2015	7	8.36	16.94	5/5/2015	AU	LIVINGSTON PROPERTIES	TRANSIENT NON-COMMUNITY	6	91
CA2400255_001_001	WELL NO. 1	5/28/2015 - 10/11/2016	8	34.10	49.47	10/11/2016	AR	CLASSIC YAM WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	4	114
CA2400255_002_002	WELL NO. 2	7/13/2016 - 10/10/2025	61	7.90	15.00	10/10/2025	AR	CLASSIC YAM WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	4	114

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2400326_001_001	WELL 01	6/11/2015 - 10/7/2025	26	0.95	21.00	10/7/2025	AU	WESTSIDE GROCERY, INC.	TRANSIENT NON-COMMUNITY	1	50
CA2400334_001_001	WELL NO. 1	4/5/2016 - 10/10/2025	58	5.90	14.00	10/23/2024	AR	CALIFORNIA SWEET POTATO GROWERS COOP	TRANSIENT NON-COMMUNITY	1	44
CA2400336_001_001	WELL NO. 1	4/21/2016 - 7/16/2025	58	3.50	30.00	7/16/2025	AR	DOREVA PRODUCE	NON-TRANSIENT NON-COMMUNITY	8	56
CA2410001_014_014	WELL 14	10/10/1985 - 5/6/2025	102	0.01	12.00	12/19/2016	AR	CITY OF ATWATER	COMMUNITY	8400	29479
CA2410001_015_015	WELL 15 - RAW	10/10/1985 - 10/7/2025	464	1.80	17.00	2/16/2021	AR	CITY OF ATWATER	COMMUNITY	8400	29479
CA2410001_026_026	WELL 15 - TREATED (GAC)	5/26/2009 - 10/7/2025	400	1.80	11.30	11/23/2009	AT	CITY OF ATWATER	COMMUNITY	8400	29479
CA2410004_008_008	WELL 08 - RAW	9/23/1986 - 10/7/2025	109	ND	11.00	11/17/2023	AR	CITY OF LIVINGSTON	COMMUNITY	3584	14894

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA2410008_002_002	WELL 02 - INACTIVE 2008	1/3/1990 - 5/29/2008	49	0.40	10.10	2/5/2008	IR	CAL AM - MEADOWBROOK	COMMUNITY	1714	5656
CA2410008_003_003	WELL 03 - DESTROYED '02	1/3/1990 - 2/12/2002	43	0.40	10.30	5/28/1996	DS	CAL AM - MEADOWBROOK	COMMUNITY	1714	5656
CA2410009_013_013	WELL 07A - RAW - INACTIVE	11/15/1984 - 3/27/2014	324	0.00	13.33	9/12/2013	IR	CITY OF MERCED	COMMUNITY	24363	92058
CA2410009_014_014	WELL 07B - RAW - INACTIVE	11/15/1984 - 3/27/2014	237	0.00	16.49	3/27/2014	IR	CITY OF MERCED	COMMUNITY	24363	92058
CA2410009_053_053	PUMP STATION NO. 7 BLEND (A7,7B,7C)	8/13/2007 - 3/27/2014	269	1.94	10.62	5/28/2010	IT	CITY OF MERCED	COMMUNITY	24363	92058

## Appendix E-5: Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Merced Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA2400011	DOLE ATWATER PLANT	NON-TRANSIENT NON-COMMUNITY	2	2	0	0	0	2	0	0	1	0	1,500	0
CA2400013	SENSIENT NATURAL INGREDIENTS LLC	NON-TRANSIENT NON-COMMUNITY	4	1	0	0	0	2	0	1	3	2	350	350
CA2400071	WASHINGTON SCHOOL	NON-TRANSIENT NON-COMMUNITY	6	1	0	0	0	0	0	0	1	1	330	330
CA2400079	MCSWAIN ELEMENTARY SCHOOL	NON-TRANSIENT NON-COMMUNITY	26	3	0	0	0	0	0	0	1	1	1,055	1,055
CA2400089	HAGAMAN COUNTY PARK	TRANSIENT NON-COMMUNITY	8	2	0	0	0	0	0	0	1	1	280	280
CA2400117	RANCHO DEL REY GOLF CLUB	TRANSIENT NON-COMMUNITY	3	2	0	0	1	0	0	0	2	1	170	170
CA2400122	LONGVIEW MENNONITE SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	1	0	0	0	0	0	0	3	3	120	120

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL	
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL			
CA2400134	BUHACH PRESCHOOL (KINDER CARE)	NON-TRANSIENT NON-COMMUNITY	3	1	0	0	0	0	0	0	0	1	1	118	118
CA2400169	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	7	0	0	0	1	0	0	0	7	7	288	288
CA2400232	AV THOMAS PRODUCE, INC.	NON-TRANSIENT NON-COMMUNITY	4	2	0	0	0	1	0	0	0	2	1	206	206
CA2400249	LIVINGSTON PROPERTIES	TRANSIENT NON-COMMUNITY	6	2	0	0	0	0	0	0	0	1	1	91	91
CA2400255	CLASSIC YAM WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	4	1	0	0	0	0	0	0	0	2	2	114	114
CA2400326	WESTSIDE GROCERY, INC.	TRANSIENT NON-COMMUNITY	1	1	0	0	0	0	0	0	0	1	1	50	50
CA2400334	CALIFORNIA SWEET POTATO GROWERS COOP	TRANSIENT NON-COMMUNITY	1	1	0	0	0	0	0	0	0	1	1	44	44
CA2400336	DOREVA PRODUCE	NON-TRANSIENT NON-COMMUNITY	8	1	0	0	0	0	0	0	0	1	1	56	56
CA2410001	CITY OF ATWATER	COMMUNITY	8,400	8	0	2	8	3	1	0	0	3	3	29,479	29,479
CA2410004	CITY OF LIVINGSTON	COMMUNITY	3,584	9	0	4	6	0	0	0	0	1	1	14,894	14,894

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL
				Active Wells	Agricultural/Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL		
CA2410008	CAL AM - MEADOWBROOK	COMMUNITY	1,714	4	0	0	3	1	0	0	2	0	5,656	0
CA2410009	CITY OF MERCED	COMMUNITY	24,363	21	0	0	7	3	0	0	3	0	92,058	0

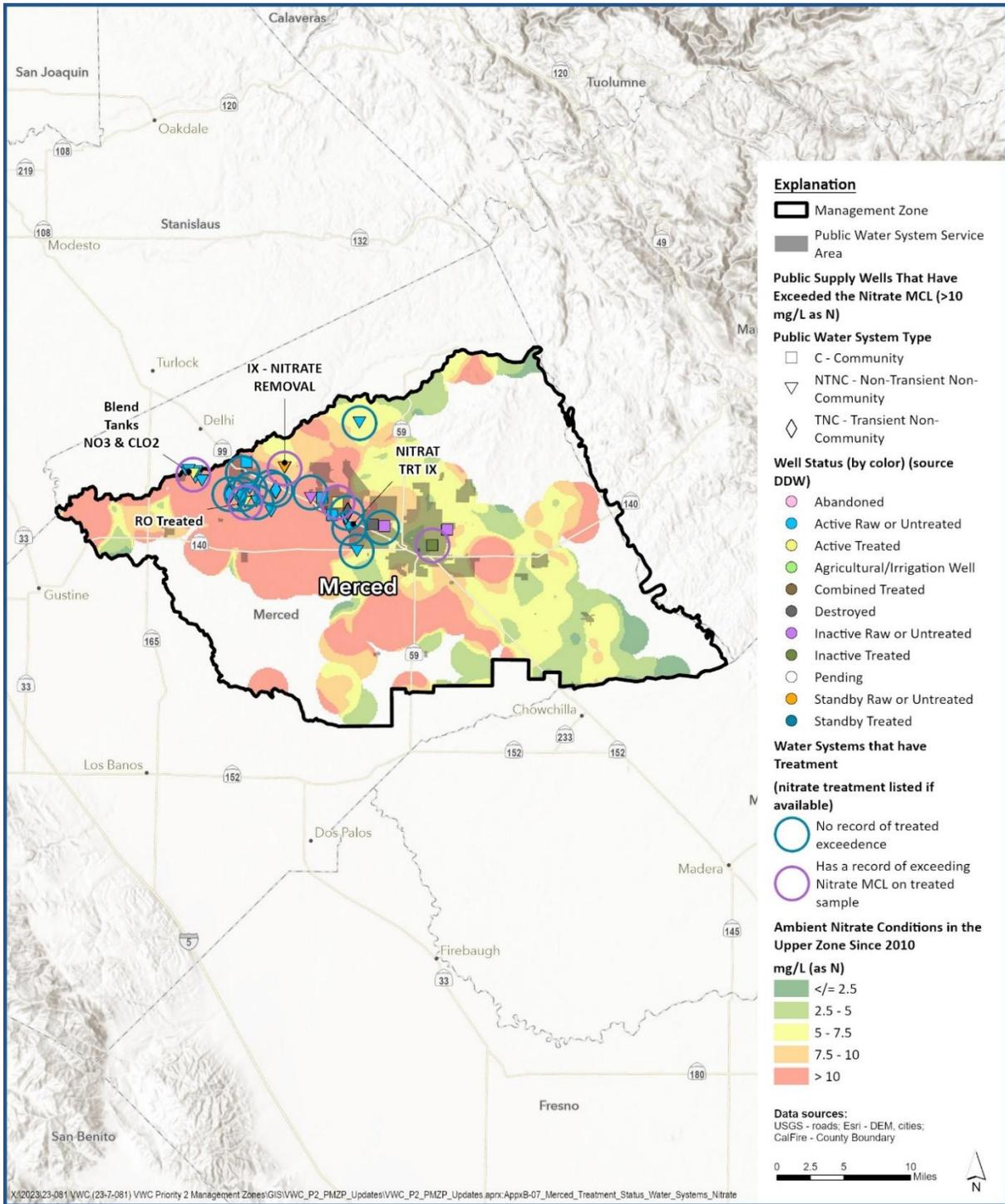
## Appendix E-6: Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Merced Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA2400011	DOLE ATWATER PLANT	NON-TRANSIENT NON-COMMUNITY	2	1,500	Y		N		
CA2400013	SENSIENT NATURAL INGREDIENTS LLC	NON-TRANSIENT NON-COMMUNITY	4	350	Y	IX	Y	YES	10/15/2025
CA2400071	WASHINGTON SCHOOL	NON-TRANSIENT NON-COMMUNITY	6	330	N		N		
CA2400079	MCSWAIN ELEMENTARY SCHOOL	NON-TRANSIENT NON-COMMUNITY	26	1,055	Y		N		
CA2400089	HAGAMAN COUNTY PARK	TRANSIENT NON-COMMUNITY	8	280	Y		N		
CA2400117	RANCHO DEL REY GOLF CLUB	TRANSIENT NON-COMMUNITY	3	170	Y		Y		
CA2400122	LONGVIEW MENNONITE SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	120	Y	RO	Y	YES	8/25/2025

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA2400134	BUHACH PRESCHOOL (KINDER CARE)	NON-TRANSIENT NON-COMMUNITY	3	118	Y	IX	Y		
CA2400169	E & J GALLO WINERY	NON-TRANSIENT NON-COMMUNITY	6	288	Y	BLEND	Y	YES	9/29/2025
CA2400232	AV THOMAS PRODUCE, INC.	NON-TRANSIENT NON-COMMUNITY	4	206	N		N		
CA2400249	LIVINGSTON PROPERTIES	TRANSIENT NON-COMMUNITY	6	91	N		N		
CA2400255	CLASSIC YAM WATER SYSTEM	NON-TRANSIENT NON-COMMUNITY	4	114	N		N		
CA2400326	WESTSIDE GROCERY, INC.	TRANSIENT NON-COMMUNITY	1	50	N		N		
CA2400334	CALIFORNIA SWEET POTATO GROWERS COOP	TRANSIENT NON-COMMUNITY	1	44	Y		N		
CA2400336	DOREVA PRODUCE	NON-TRANSIENT NON-COMMUNITY	8	56	Y		N		
CA2410001	CITY OF ATWATER	COMMUNITY	8,400	29,479	Y		Y	YES	2/16/2021

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA2410004	CITY OF LIVINGSTON	COMMUNITY	3,584	14,894	Y		Y		
CA2410008	CAL AM - MEADOWBROOK	COMMUNITY	1,714	5,656	Y		N		
CA2410009	CITY OF MERCED	COMMUNITY	24,363	92,058	Y	BLEND	Y	YES	5/28/2010

# Appendix E-7: Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Merced Management Zone



**Appendix E-8: Compliance Status for All Public Water Systems in the Proposed Merced Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)**

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2400 232	AV THOMAS PRODUCE, INC.	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	4	206	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	10/9/2025			X		206	0	0
CA2410 700	CASTLE AIRPORT	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	NT (Ind/Ag)	Not At-Risk	DAC	134	1650	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	1650	0	0
CA2400 327	LDS CHURCH MERCED	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	1	257	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 334	CALIFORNIA SWEET POTATO GROWERS COOP	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	1	44	Out of Compliance	SDWIS 11/21/2025	MCL	Nitrate	4/17/2023	X				44	44	0
CA2400 326	WESTSIDE GROCERY, INC.	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	1	50	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 134	BUHACH PRESCHOOL (KINDER CARE)	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Potentially At-Risk	SDAC	3	118	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 328	GARCIA FARMS PRODUCE	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	1	45	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 337	KANDOLA FARMS PRODUCE, INC.	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	3	31	In Compliance	SDWIS 11/21/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2400 340	PELLIGRINI PROPERTIES (EL CAMPO MARKET)	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	2	30	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	1/23/2025				X	30	0	0
CA2400 220	STEVINSON RANCH MAINT. SHOP/THE GROVE	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	4	45	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 234	LDS CHURCH ATWATER	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	O (Other)	None	#N/A	1	300	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 218	FOSTER FARMS FERTILIZER PLANT	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	1	25	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 223	MINTURN NUT CO., INC.	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	130	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 240	THE VISTA RANCH AND CELLARS	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	4	100	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 255	CLASSIC YAM WATER SYSTEM	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	4	114	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 211	RYEL FAMILY TRUST	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Institution)	Not Assessed	#N/A	4	54	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400 219	MERCED NEW LIFE SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-	NON-TRANSIENT NON-	NT (Institution)	Potentially At-Risk	Non-DAC	2	36	In Compliance	SDWIS 11/21/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
					COMMUNITY	COMMUNITY																	
CA2400307	CRESSEY STORE	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	1	26	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400230	MERCED ANIMAL MEDICAL CENTER	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Medical Facility)	None	#N/A	1	30	In Compliance	SDWIS 11/21/2025								0	0	0
CA2410302	CDPR-HATFIELD	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	7	352	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400046	BLACK RASCAL WATER COMPANY	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	131	367	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	367	0	0
CA2400323	STEVINSON BAR AND GRILL	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	1	26	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400079	MCSWAIN ELEMENTARY SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Failing	SDAC	26	1055	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	11/17/2025				X	1055	0	0
CA2400140	NAGAME JAPANESE RESTAURANT	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Restaurant)	None	#N/A	1	60		SDWIS 11/21/2025								0	0	0
CA2400099	GRACE MENNONITE SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Failing	Non-DAC	2	100	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400139	YOSEMITE WHOLESALE	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-	NON-TRANSIENT NON-	NT (Ind/Ag)	None	#N/A	3	285	In Compliance	SDWIS 11/21/2025								0	0	0

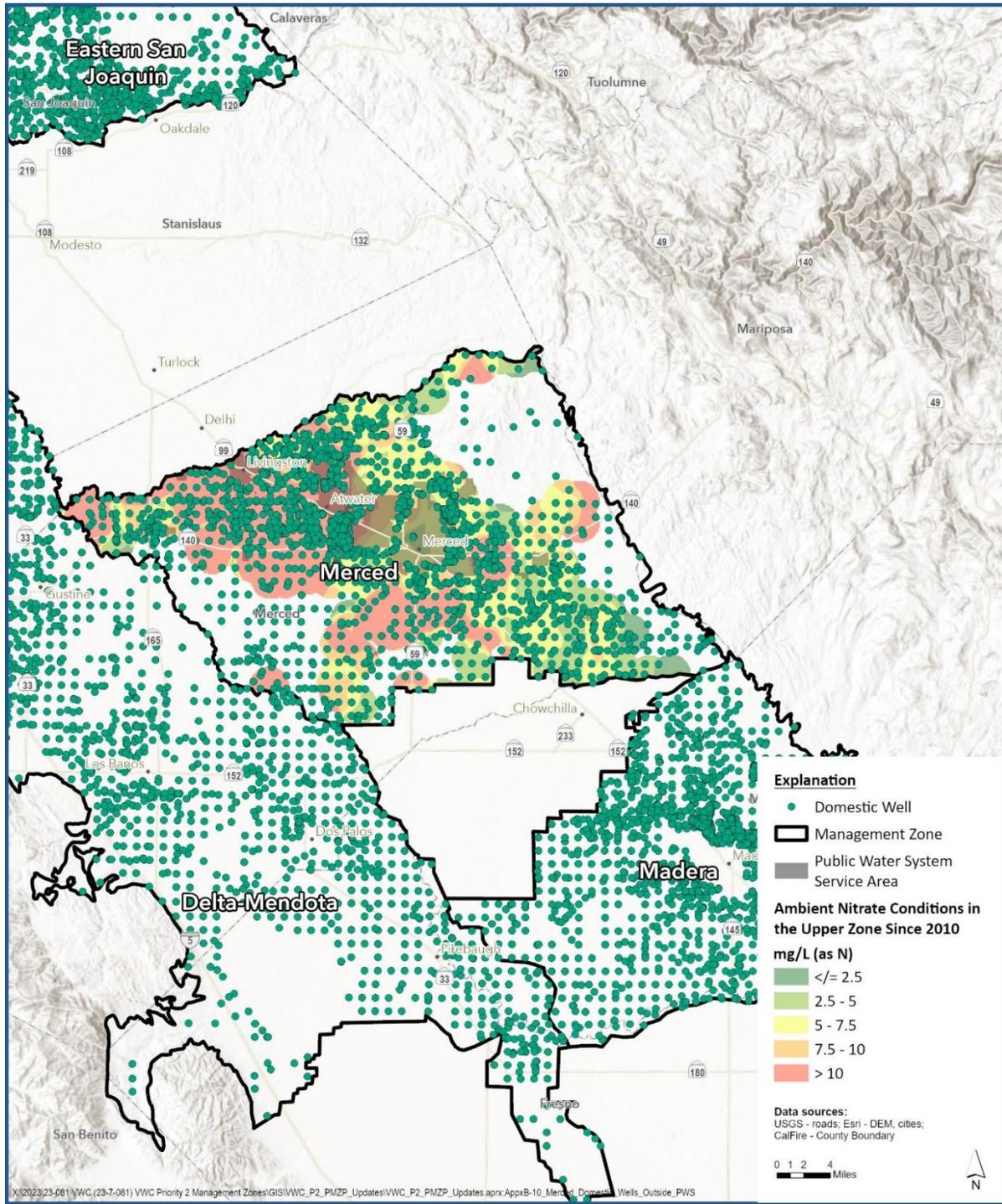
PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
					COMMUNITY	COMMUNITY																	
CA2400336	DOREVA PRODUCE	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	8	56	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	7/14/2021			X		56	0	0
CA2400089	HAGAMAN COUNTY PARK	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	8	280	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400117	RANCHO DEL REY GOLF CLUB	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	3	170	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	1/27/2025				X	170	0	0
CA2400148	MERCED ADVENTIST CHURCH WATER SYS.	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Not Assessed	#N/A	4	153	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400119	MERCED GOLF & COUNTRY CLUB	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	2	150	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400113	SCHELBY SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Failing	SDAC	9	290	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	9/22/2025			X		290	0	0
CA2400153	APOSTOLIC TABERNACLE	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Institution)	None	#N/A	1	75	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400320	OXOXO MINI MART	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	1	25	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400172	JOHN LATORACCA	Merced	MERCED	DISTRICT 11 -	COMMUNITY	COMMUNITY	NT (Institution)	At-Risk	DAC	12	800	Out of Compliance	SDWIS 11/21/2025	MON	Pb+Cu	2/2/2023				X	800	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
	CORRECTIONAL FACILITY			MERCED																			
CA2400227	ELKS LODGE PARK	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	29	25	In Compliance	SDWIS 11/21/2025								0	0	0
CA2410010	WINTON WATER & SANITARY DIST	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Failing	SDAC	2719	9745	Out of Compliance	SDWIS 11/21/2025	RPT, MCL	Pb+Cu, 1,2,3-TCP	3/27/2025, 6/09/2023			X	X	9745	0	0
CA2410001	CITY OF ATWATER	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	DAC	8400	29479	Out of Compliance	SDWIS 11/21/2025	MCL	Coli	7/17/2018			X		29479	0	0
CA2400084	EVERGREEN MOBILE HOME PARK	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Mobile Park)	Failing	SDAC	11	36	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	10/13/2025			X		36	0	0
CA2400011	DOLE ATWATER PLANT	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	1500	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400013	SENSIENT NATURAL INGREDIENTS LLC	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	4	350	In Compliance	SDWIS 11/21/2025								0	0	0
CA2410004	CITY OF LIVINGSTON	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Failing	DAC	3584	14894	Out of Compliance	SDWIS 11/21/2025	RPT, MCL	Pb+Cu, 1,2,3-TCP	3/27/2025, 6/09/2023			X	X	14894	0	0
CA2400064	MERQUIN ELEMENTARY SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Potentially At-Risk	SDAC	2	284	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	2/29/2024				X	284	0	0
CA2400122	LONGVIEW MENNONITE SCHOOL	Merced	MERCED	DISTRICT 11 -	NON-TRANSIENT NON-	NON-TRANSIENT NON-	NT (School)	At-Risk	Non-DAC	1	120	Out of Compliance	SDWIS 11/21/2025	MON	Tot Coli	6/25/2024				X	120	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
				MERCED	COMMUNITY	COMMUNITY																	
CA2400249	LIVINGSTON PROPERTIES	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	6	91	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400250	MINTURN HULLER	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	2	95	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400248	YOSEMITE VALLEY BEEF PACKING CO INC	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	5	56	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400066	PLANADA ELEMENTARY SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Not At-Risk	Non-DAC	1	567	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	567	0	0
CA2400065	PLAINSBURG ELEMENTARY SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	At-Risk	SDAC	5	122	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400071	WASHINGTON SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	At-Risk	DAC	6	330	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400315	MERCED FRUIT BARN	Merced	MERCED	DISTRICT 11 - MERCED	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Other)	None	#N/A	4	63	Out of Compliance	SDWIS 11/21/2025	MCL	Coli	10/11/2018			X		63	0	0
CA2410007	PLANADA CSD	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Potentially At-Risk	SDAC	1120	4164	Out of Compliance	SDWIS 11/21/2025	RPT	Pb+Cu	3/27/2025				X	4164	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA2410008	CAL AM - MEADOWBROOK	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	DAC	1714	5656	In Compliance	SDWIS 11/21/2025								0	0	0
CA2400169	E & J GALLO WINERY	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (Ind/Ag)	None	#N/A	6	288	In Compliance	SDWIS 11/21/2025								0	0	0
CA2410011	LE GRAND COMM SERVICES DIST	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Failing	SDAC	456	1739	Out of Compliance	SDWIS 11/21/2025	RPT, MCL	Pb+Cu, As	3/27/2025, 1/02/2025			X	X	1739	0	0
CA2400097	CRESSEY SCHOOL	Merced	MERCED	DISTRICT 11 - MERCED	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Failing	DAC	7	155	Out of Compliance	SDWIS 11/21/2025	MCL	1,2,3-TCP	7/14/2021			X		155	0	0
CA2410009	CITY OF MERCED	Merced	MERCED	DISTRICT 11 - MERCED	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	24363	92058	In Compliance	SDWIS 11/21/2025								0	0	0

# Appendix E-9: Domestic Wells Located Outside Public Water System Areas in the Proposed Merced Management Zone and Adjacent Area



## Appendix E-10: Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Merced Management Zone and Adjacent Area

Estimated Upper Zone Ambient Nitrate (2010-2025)**	DWR Domestic Wells Located Outside PWS Boundaries		DWR Domestic Wells Located Within PWS Boundaries	DWR Total Domestic Wells in Management Zone	2024 Census Block Analysis (Outside PWS service areas)
	Domestic Well Count Outside of PWS Boundaries	% of Total Domestic Wells Outside PWS Boundaries	Total Domestic Wells in MZ Within PWS Boundaries	All Domestic Wells in Management Zone	Population Outside PWS Boundaries
Group 1: ≤ 2.5 mg/L as N	9	100.0%	0	9	74
Group 2: > 2.5 - 5.0 mg/L as N	146	85.9%	24	170	1,290
Group 3: > 5.0 - 7.5 mg/L as N	1,126	86.5%	175	1,301	8,960
Group 4: >7.5 - 10.0 mg/L as N	734	75.7%	236	970	4,027
Group 5: > 10.0 mg/L as N	2,075	85.0%	365	2,440	16,706
Group 6: Unknown*	132	100.0%	0	132	632
<b>Total</b>	<b>4,222</b>	<b>84.1%</b>	<b>800</b>	<b>5,022</b>	<b>31,689</b>

\*Domestic wells of Census Blocks are located in a "Gap Area" where insufficient Upper Zone nitrate data exist to do a spatial interpolation of ambient nitrate conditions

\*\*Ambient nitrate levels are based on best available publicly-available nitrate data vetted at the time of analysis and are based on Upper Zone nitrate data from January 2010 to October 2025. These mapped nitrate levels are subject to change and are therefore adaptable, as new data become available.

## **Appendix E-11: Nitrate Groundwater Dataset for Proposed Merced Management Zone**

Merced Management Zone's nitrate groundwater dataset will be posted on the CV-SALTS Homepage at: <https://www.cvsalinity.org/resources/management-zone-development/>.

# Appendix F: Yolo Management Zone

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## Appendix F: Yolo Management Zone

- F-1 Yolo Management Zone Community Profile
- F-2 Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Yolo Management Zone
- F-3 Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Yolo Management Zone
- F-4 Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Yolo Management Zone
- F-5 Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Yolo Management Zone
- F-6 Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Yolo Management Zone
- F-7 Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Yolo Management Zone
- F-8 Compliance Status for all Public Water Systems in the Proposed Yolo Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)
- F-9 Domestic Wells Located Outside Public Water System Areas in the Proposed Yolo Management Zone and Adjacent Management Zone
- F-10 Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Yolo Management Zone
- F-11 Nitrate Groundwater Dataset for Proposed Yolo Management Zone

## Appendix F-1: Yolo Management Zone Community Profile

Data has been gathered for the Disadvantaged Communities (DACs) and Severely Disadvantaged Communities (SDACs) in the Yolo Management Zone for the purpose of EAP development. In accordance with the State Water Board’s *Guidance for Engaging Communities During Development of Early Action Plans*, a community profile table has been compiled to better understand communities within the Management Zone. There were no DACs and two SDACs identified in the Yolo Management Zone. Appendix F-1 provides SDAC demographic data to help understand how best to engage with these impacted communities and encourage participation during EAP development. It is important to understand and account for community diversity to ensure drinking water solutions are appropriately developed with residential input and affected communities are informed on how the Nitrate Control Program will impact them. Notably, this table identifies languages other than English in the region including Spanish, Asian & Pacific Islander, and Other Indo-European to bridge potential translation gaps to help ensure success of the EAP.

**Community Demographics for Severely Disadvantaged Communities in the Yolo Management Zone<sup>1</sup>**

SDACs <sup>2</sup>	Population	Median Household Income (MHI)	Language(s) <sup>3</sup>	Race/Ethnicity								
				American Indian and Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian and Other Pacific Islander	Not Hispanic or Latino	Some Other Race	2 or More Races	White
Madison CDP	581	-	English, Spanish	1%	0.44%	0.17%	45%	0.26%	5%	18%	16%	14%
University of California-Davis CDP	8,525	\$19,541	English, Spanish, Other Indo-European, Asian and Pacific Islander	1%	15%	2%	10%	1%	29%	6%	4%	31%

<sup>1</sup>Table developed using the US Census ([https://data.census.gov/profile/United\\_States?q=010XX00US](https://data.census.gov/profile/United_States?q=010XX00US)) 2020 Decennial Census and 2022-2023 American Community Survey (ACS) data.

<sup>2</sup>SDACs were identified by using the Department of Water Resource’s DAC Mapping Tool Census Places (ASC: 2016 – 2020): (<https://gis.water.ca.gov/app/dacs/>), where SDACs are determined by California’s MHI and utilizing the state SDAC threshold of 60-percent.

<sup>3</sup>Languages spoken > 5-percent as listed in the 2022 ACS data. Use of this threshold is recommended in *Guidance for Engaging Communities During Development of Early Action Plans* (State Water Board, June 2020).

<sup>4</sup>“-“ indicates data was not available.

The Table below (Yolo Management Zone SDAC Point of Contacts for Nitrate Control Program) identifies key community members from each identified SDAC in the Management Zone. It is important to identify these contacts to support community outreach efforts for increased participation and input on long-term drinking water solutions. This is a living document and will be updated during EAP implementation. Data gaps are identified, and efforts will be made to reach out to these communities to identify a point of contact.

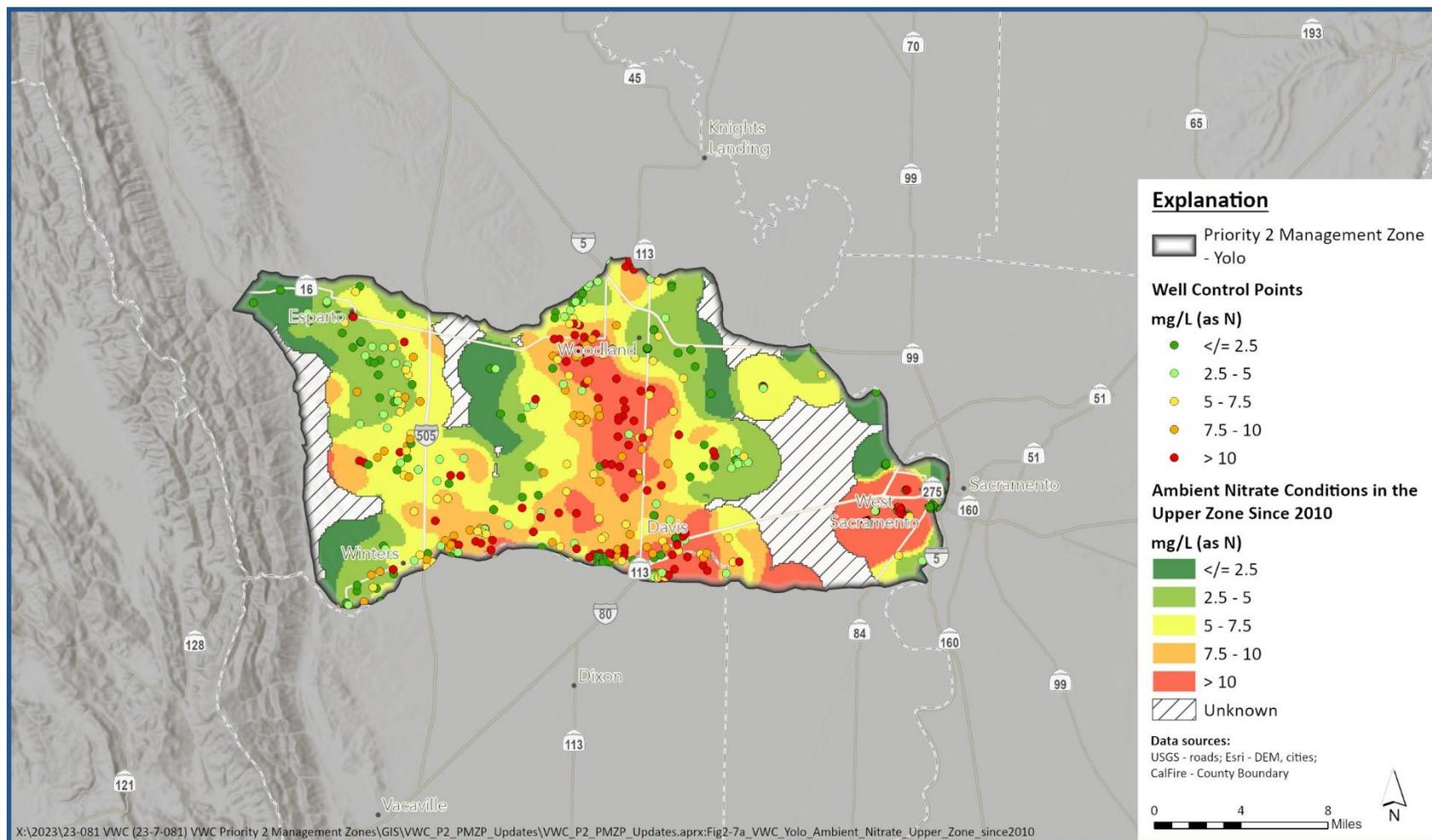
**Yolo Management Zone SDAC Point of Contacts for Nitrate Control Program**

SDACs	Point of Contact	Phone Number	Email Address
Madison CDP*	Angel Barajas	(530) 666-8627	<a href="mailto:angel.barajas@yolocounty.org">angel.barajas@yolocounty.org</a>
University of California-Davis CDP*	TBD	TBD	TBD

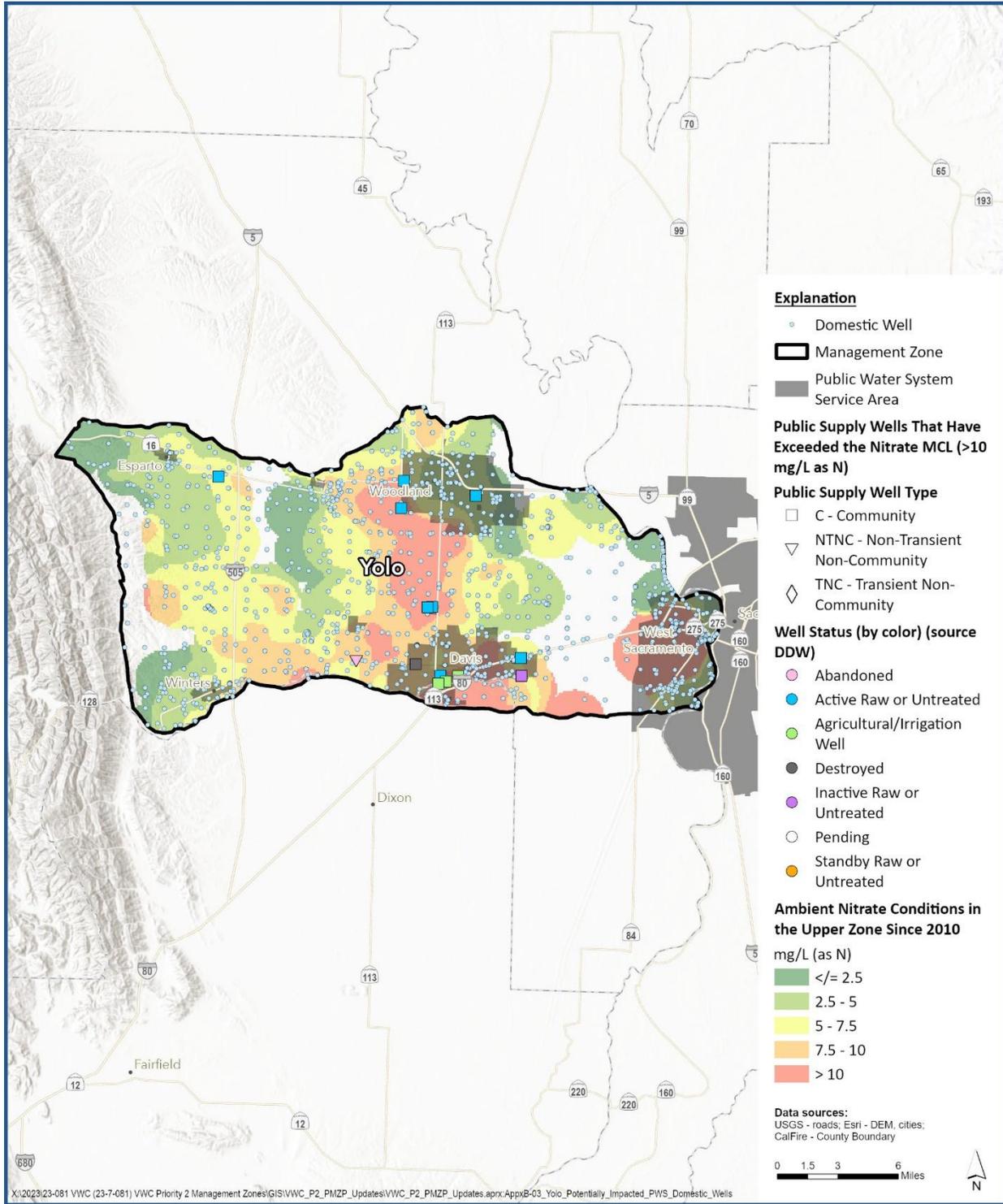
TBD = To Be Determined.

\*TBD or city council member information that needs to be updated once appropriate SDAC point of contact is identified.

## Appendix F-2: Ambient Post-2010 Nitrate Concentrations in the Upper Zone of Groundwater Underlying the Proposed Yolo Management Zone



# Appendix F-3: Potentially Impacted Public Water Supply Wells and All Domestic Wells, Proposed Yolo Management Zone



## Appendix F-4: Summary of Nitrate-Impacted Public Supply Wells (by Well Status) for the Proposed Yolo Management Zone

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5700571_002_002	CAMP WELL	8/13/2002 - 7/8/2008	11	ND	11.30	4/15/2003	AU	MADISON SERVICE DIST	COMMUNITY	149	876
CA5700623_001_001	WELL 01 - ABANDONED	12/4/2001 - 10/6/2025	100	0.59	17.00	8/4/2025	AB	DAVIS JUSD - FAIRFIELD SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	46
CA5700788_001_001	NORTH WELL	7/8/2015 - 9/23/2025	57	3.70	11.00	7/18/2024	AU	NORTH DAVIS MEADOWS	COMMUNITY	95	314
CA5700788_002_002	WELL NDM2 - BLACKHAWK PLACE	7/8/2015 - 9/23/2025	81	10.17	15.00	9/23/2025	AU	NORTH DAVIS MEADOWS	COMMUNITY	95	314
CA5710001_013_013	WELL 18 - DESTROYED XCLD	3/29/1985 - 6/11/2002	27	0.23	12.88	6/11/2002	DS	CITY OF DAVIS	COMMUNITY	17320	67217
CA5710001_016_016	WELL 21	3/14/1984 - 7/27/2016	38	0.45	31.63	11/8/1990	AR	CITY OF DAVIS	COMMUNITY	17320	67217

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5710001_022_022	WELL EM2 - OFFLINE (NITRATES) XCLD	7/17/1984 - 3/13/2007	101	0.20	12.20	1/23/2007	IR	CITY OF DAVIS	COMMUNITY	17320	67217
CA5710006_016_016	WELL 17 - UNTREATED	2/5/1986 - 8/31/2011	125	3.61	12.65	9/6/2005	AR	CITY OF WOODLAND	COMMUNITY	17748	61462
CA5710006_019_019	WELL 20 - UNTREATED	2/5/1986 - 4/21/2016	65	3.46	11.52	3/7/2002	AR	CITY OF WOODLAND	COMMUNITY	17748	61462
CA5710006_022_022	WELL 22 - SOUTHEAST - UNTREATED	5/2/2000 - 6/5/2008	21	1.85	21.01	8/1/2000	AR	CITY OF WOODLAND	COMMUNITY	17748	61462
CA5710009_009_009	UTILITY WELL 03 - AGRICULTURAL	2/21/1989 - 1/26/2012	15	4.29	14.23	5/30/2002	AG	UC - DAVIS	COMMUNITY	4656	49616
CA5710009_010_010	UTILITY WELL 04 - AGRICULTURAL	2/21/1989 - 1/26/2012	15	7.23	11.07	1/26/2012	AG	UC - DAVIS	COMMUNITY	4656	49616
CA5710009_013_013	UTILITY WELL 07 - AGRICULTURAL	2/21/1989 - 6/12/2006	7	0.77	16.87	6/12/2006	AG	UC - DAVIS	COMMUNITY	4656	49616

Well ID	Other Well Name	Date Range of Nitrate Samples	Number (N) of Nitrate Samples	Minimum Nitrate Concentration (mg/L as N)	Maximum Nitrate Concentration (mg/L as N)	Most Recent Exceedance Date	Well Status	DDW Water System Name	PWS Type	No. of Connections	Population Served
CA5710009_016_016	UTILITY WELL 06A - SEASONAL	12/16/1999 - 5/14/2015	49	0.75	10.39	5/14/2015	AU	UC - DAVIS	COMMUNITY	4656	49616

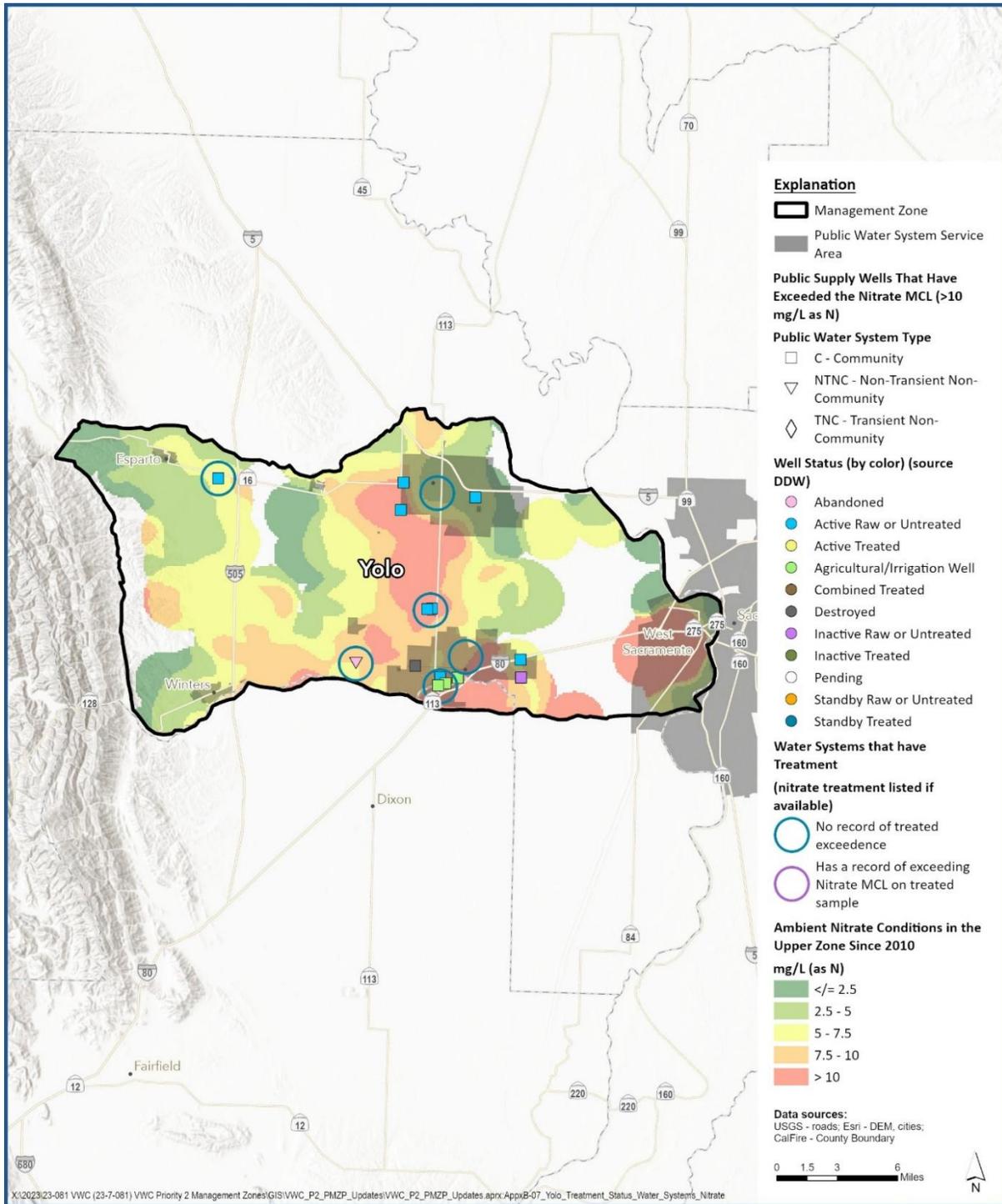
## Appendix F-5: Summary of Public Water Systems that have had Nitrate-Impacted Wells in the Proposed Yolo Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Number of Wells in Public Water Supply Systems by Well Status									Population Served	Est. Potentially Affected Population with Active Wells > MCL	
				Active Wells	Agricultural/ Irrigation Wells	Abandoned Wells	Destroyed Wells	Inactive Wells	Pending Status Wells	Standby Wells	Total No. of Wells That Have Exceeded MCL	No. of Currently Active Wells That Have Exceeded MCL			
CA5700571	MADISON SERVICE DIST	COMMUNITY	149	12	0	0	0	0	0	0	0	1	1	876	876
CA5700623	DAVIS JUSD - FAIRFIELD SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	3	0	1	0	0	0	0	0	1	0	46	0
CA5700788	NORTH DAVIS MEADOWS	COMMUNITY	95	2	0	0	0	0	0	0	0	2	2	314	314
CA5710001	CITY OF DAVIS	COMMUNITY	17,320	21	0	1	10	1	2	0	0	3	1	67,217	67,217
CA5710006	CITY OF WOODLAND	COMMUNITY	17,748	24	0	0	3	0	2	0	0	3	3	61,462	61,462
CA5710009	UC - DAVIS	COMMUNITY	4,656	10	3	1	3	0	1	0	0	4	1	49,616	49,616

## Appendix F-6: Treatment of Water Systems with Nitrate-Impacted Wells in the Proposed Yolo Management Zone

DDW No.	System Name	PWS Type	No. of Connections	Population Served	Has a Treated Water Source Filed with DDW? (Y/N)	Treatment Pertaining to Nitrate Mentioned in Source Name	Has Nitrate Samples from Treated Sources Filed with DDW? (Y/N)	Has Treated Source(s) with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
CA5700571	MADISON SERVICE DIST	COMMUNITY	149	876	N		N		
CA5700623	DAVIS JUSD - FAIRFIELD SCHOOL	NON-TRANSIENT NON-COMMUNITY	1	46	N		N		
CA5700788	NORTH DAVIS MEADOWS	COMMUNITY	95	314	Y		N		
CA5710001	CITY OF DAVIS	COMMUNITY	17,320	67,217	Y		N		
CA5710006	CITY OF WOODLAND	COMMUNITY	17,748	61,462	Y		N		
CA5710009	UC - DAVIS	COMMUNITY	4,656	49,616	Y		N		

# Appendix F-7: Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples, Proposed Yolo Management Zone

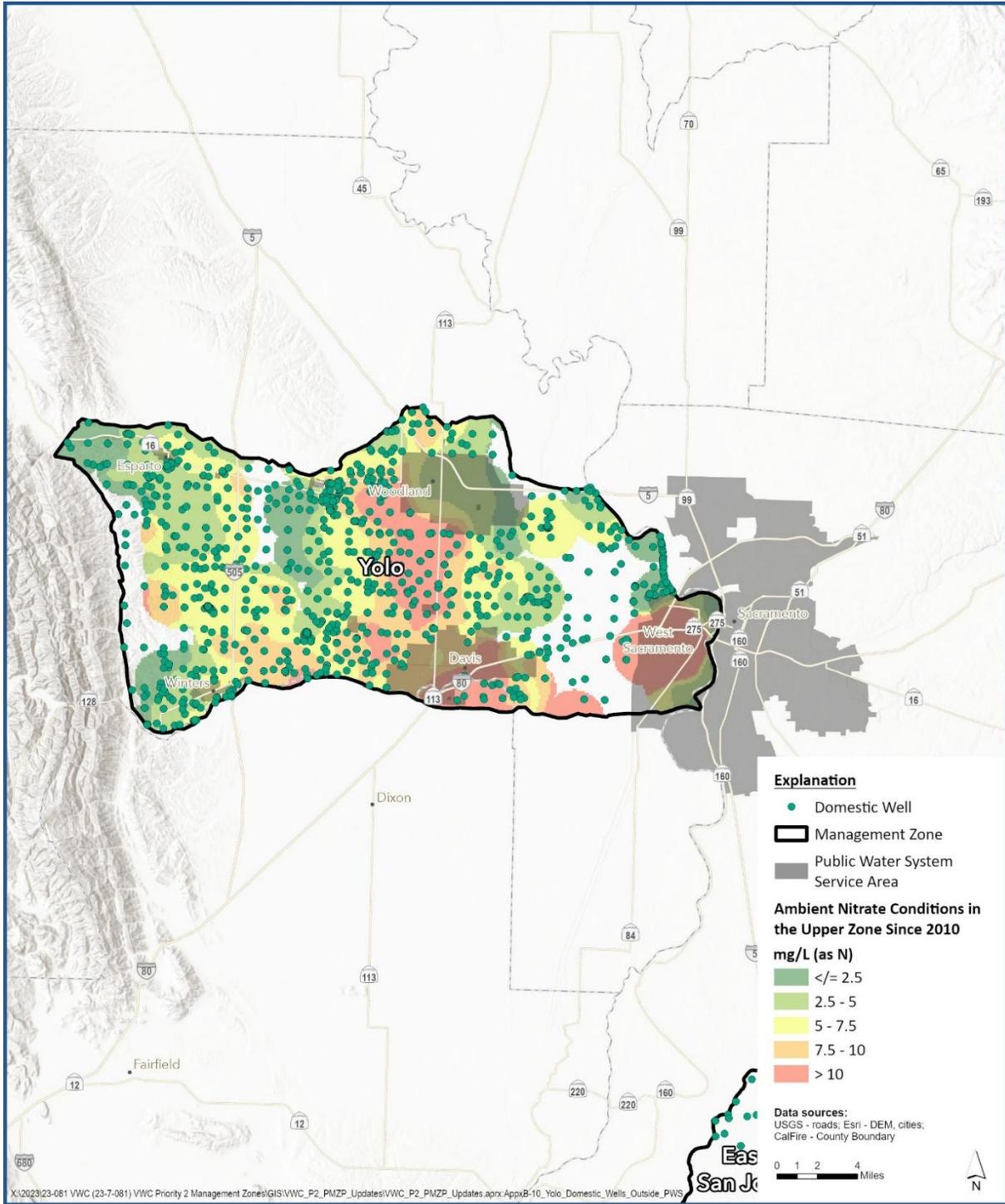


**Appendix F-8: Compliance Status for All Public Water Systems in the Proposed Yolo Management Zone with Violation and Chemical Exceedance Information, by System Name (as of December 2025)**

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFE R Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA5700623	DAVIS JUSD - FAIRFIELD SCHOOL	Yolo	YOLO	LPA87 - YOLO COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Failing	Non-DAC	1	46	Out of Compliance	SDWIS 11/24/2025	MCL, MON	Nitrate, Nitrate	7/1/2025, 10/25/2023	X			X	46	46	0
CA5790001	UC - DAVIS	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	NON-PUBLIC	Recycled Water	NT (School)	None	#N/A	0	0	In Compliance	SDWIS 11/24/2025								0	0	0
CA5710006	CITY OF WOODLAND	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	17748	61462	In Compliance	SDWIS 11/24/2025								0	0	0
CA5710007	ESPARTO C.S.D.	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	978	3574	In Compliance	SDWIS 11/24/2025								0	0	0
CA5700615	YOLO CO HOUSING AUTHORITY-EL RIO VILLA	Yolo	YOLO	LPA87 - YOLO COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	SDAC	111	432	In Compliance	SDWIS 11/24/2025								0	0	0
CA5700707	ROLLING ACRES MUTUAL WATER COMPANY	Yolo	YOLO	LPA87 - YOLO COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	14	40	In Compliance	SDWIS 11/24/2025								0	0	0
CA5700643	PLAINFIELD ELEM SCHOOL - WATER	Yolo	YOLO	LPA87 - YOLO COUNTY	NON-TRANSIENT NON-COMMUNITY	NON-TRANSIENT NON-COMMUNITY	NT (School)	Not At-Risk	SDAC	17	400	In Compliance	SDWIS 11/24/2025								0	0	0
CA5710009	UC - DAVIS	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	NT (School)	Not At-Risk	SDAC	4656	49616	In Compliance	SDWIS 11/24/2025								0	0	0

PWS ID	PWS Name	Management Zone	County	Regulating Agency	Federal Classification	State Classification	Service Area Classification	SAFER Status	MHI Status	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)	Compliance Status [1]	Compliance Status Source	Violation Category (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Date of Violation (SDWIS DWW Determination Date)	MCL Exceedance			Non-MCL Violation	Total Population Served by Currently Out-of-Compliance System due to any Violation	Population Served by Currently Out-of-Compliance System due to Nitrate Only	Population Served by Currently Out-of-Compliance System due to Nitrate PLUS Other Contaminant
																	Nitrate	Nitrate PLUS Other Contaminant	Other Contaminant				
CA5710001	CITY OF DAVIS	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	17320	67217	In Compliance	SDWIS 11/24/2025								0	0	0
CA5700571	MADISON SERVICE DIST	Yolo	YOLO	LPA87 - YOLO COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	SDAC	149	876	Out of Compliance	SDWIS 11/24/2025	RPT	Pb+Cu	3/27/2025				X	876	0	0
CA3400123	ELKHORN BOAT LAUNCH [SWS]	Yolo	SACRAMENTO	LPA64 - SACRAMENTO COUNTY	TRANSIENT NON-COMMUNITY	TRANSIENT NON-COMMUNITY	T (Rec Area)	None	#N/A	1	138	In Compliance	SDWIS 11/24/2025								0	0	0
CA5710005	CITY OF WINTERS	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	2463	7115	In Compliance	SDWIS 11/24/2025								0	0	0
CA5700788	NORTH DAVIS MEADOWS	Yolo	YOLO	LPA87 - YOLO COUNTY	COMMUNITY	COMMUNITY	R (Residential)	Failing	Non-DAC	95	314	Out of Compliance	SDWIS 11/24/2025	MCL, MCL, MON, MCL	Fe, Nitrate, Nitrate, Al	5/05/2023, 7/01/2025, 10/25/2023, 5/05/2023		X		X	314	0	314
CA5710003	CITY OF WEST SACRAMENTO	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R (Residential)	At-Risk	Non-DAC	15587	53355	Out of Compliance	SDWIS 11/24/2025	RPT	Pb+Cu	3/27/2025				X	53355	0	0
CA5700797	MONROE/LEINBERGER CNTR - WATERS	Yolo	YOLO	LPA87 - YOLO COUNTY	COMMUNITY	COMMUNITY	NT (Institution)	Not At-Risk	Non-DAC	10	800	Out of Compliance	SDWIS 11/24/2025	RPT	Pb+Cu	3/27/2025				X	800	0	0
CA3410020	CITY OF SACRAMENTO MAIN	Yolo	SACRAMENTO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R,O (Residential, Wholesale)	Not Assessed	#N/A	145404	520746	In Compliance	SDWIS 11/24/2025								0	0	0
CA5710011	WILD WINGS GOLF COMMUNITY	Yolo	YOLO	DISTRICT 09 - SACRAMENTO	COMMUNITY	COMMUNITY	R (Residential)	Not At-Risk	Non-DAC	353	1115	In Compliance	SDWIS 11/24/2025								0	0	0

# Appendix F-9: Domestic Wells Located Outside Public Water System Areas in the Proposed Yolo Management Zone and Adjacent Area



## Appendix F-10: Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Concentration Categories in the Proposed Yolo Management Zone and Adjacent Area

Estimated Upper Zone Ambient Nitrate (2010-2025)**	DWR Domestic Wells Located Outside PWS Boundaries		DWR Domestic Wells Located Within PWS Boundaries	DWR Total Domestic Wells in Management Zone	2024 Census Block Analysis (Outside PWS service areas)
	Domestic Well Count Outside of PWS Boundaries	% of Total Domestic Wells Outside PWS Boundaries	Total Domestic Wells in MZ Within PWS Boundaries	All Domestic Wells in Management Zone	Population Outside PWS Boundaries
Group 1: ≤ 2.5 mg/L as N	161	84.3%	30	191	574
Group 2: > 2.5 - 5.0 mg/L as N	325	67.1%	159	484	1,623
Group 3: > 5.0 - 7.5 mg/L as N	350	77.3%	103	453	2,120
Group 4: >7.5 - 10.0 mg/L as N	499	80.6%	120	619	1,617
Group 5: > 10.0 mg/L as N	213	42.6%	287	500	1,030
Group 6: Unknown*	40	64.5%	22	62	188
<b>Total</b>	<b>1,588</b>	<b>68.8%</b>	<b>721</b>	<b>2,309</b>	<b>7,152</b>

\*Domestic wells of Census Blocks are located in a "Gap Area" where insufficient Upper Zone nitrate data exist to do a spatial interpolation of ambient nitrate conditions

\*\*Ambient nitrate levels are based on best available publicly-available nitrate data vetted at the time of analysis and are based on Upper Zone nitrate data from January 2010 to October 2025. These mapped nitrate levels are subject to change and are therefore adaptable, as new data become available.

## **Appendix F-11: Nitrate Groundwater Dataset for Proposed Yolo Management Zone**

Yolo Management Zone's nitrate groundwater dataset will be posted on the CV-SALTS Homepage at: <https://www.cvsalinity.org/resources/management-zone-development/>.

## Appendix G: State Water Board Community Engagement Checklist

State Water Board has a guidance document that provides a table (State Water Board, 2020, pg. 17) summarizing community engagement activities recommended in their document. This table illustrates how Valley Water Collaborative's (VWC) community outreach efforts align with the State Water Board's guidance.

Community Engagement Element	Potential Actions to Implement Element	EAP Development and Implementation
Communicate Effectively	Communicate with affected communities remotely	<ul style="list-style-type: none"> <li>• VWC conducted virtual and hybrid community outreach meetings.</li> <li>• Information is distributed via email, website, Facebook page, and Instagram.</li> <li>• VWC made phone calls with non-dischargers to increase community participation.</li> <li>• VWC's website allows for the public to submit comments.</li> </ul>
	Translate materials into Spanish and other language(s) identified	<ul style="list-style-type: none"> <li>• Meeting notices are prepared in English and Spanish.</li> <li>• Spanish translation is provided during community outreach meetings.</li> </ul>
	Provide a point of contact who speaks residents' primary language	<ul style="list-style-type: none"> <li>• Resident may request to ask for Spanish speaker when calling VWC.</li> </ul>
	Ensure planned one-on-one communications have personnel fluent in the primary language	<ul style="list-style-type: none"> <li>• VWC has staff fluent in Spanish as it is identified as a predominant secondary language for the community.</li> </ul>
	Offer live interpretation at community meetings	<ul style="list-style-type: none"> <li>• Live Spanish interpretation is provided at community meetings.</li> <li>• Spanish translation initially identified and further research to identify other languages will be conducted during EAP Implementation.</li> </ul>
	Provide written materials in plain language	<ul style="list-style-type: none"> <li>• Meeting and educational materials are prepared in plain, easy to understand language geared toward community understanding.</li> </ul>
	Speak in plain language	<ul style="list-style-type: none"> <li>• Presentations at community meetings are presented in plain language when practical to explain technical issues.</li> <li>• Figures and pictures are used to help audience understand.</li> </ul>
	Consult community groups if your materials are understandable to the community	<ul style="list-style-type: none"> <li>• In first round of community meetings a representative each from Valley Improvement Projects and California Rural Legal Assistance were in attendance and provided their feedback.</li> </ul>
Ask participants if materials are understandable	<ul style="list-style-type: none"> <li>• VWC encourages feedback during meetings and community outreach events.</li> </ul>	

Community Engagement Element	Potential Actions to Implement Element	EAP Development and Implementation
	Present information without bias	<ul style="list-style-type: none"> <li>EAP program information and potential interim drinking water solutions are presented as concepts without bias to residents in initial outreach meeting.</li> <li>At the end of each meeting, VWC encourages community participation and input.</li> </ul>
	Know and communicate your constraints	<ul style="list-style-type: none"> <li>During meetings, VWC provides answers to questions regarding program requirements.</li> <li>Community meetings expresses for community involvement and input to help develop the plan.</li> </ul>
	Be transparent with decision-making processes	<ul style="list-style-type: none"> <li>Community continues to be informed during meetings on the concepts and options to be provided for the Interim Replacement Water Program.</li> </ul>
Protect Personal Information	Mitigate concerns about information collection	<ul style="list-style-type: none"> <li>The Tailored Water Delivery Program Application Form addresses this concern.</li> </ul>
	Minimize collection of personal information	<ul style="list-style-type: none"> <li>Only contact information including resident name, phone number, and email are collected.</li> <li>Contact information is used to follow up on outreach activities and questions.</li> <li>Personal information is not shared with the public.</li> </ul>
Acknowledge Diverse Interests	Be inclusive of all groups within a community	<ul style="list-style-type: none"> <li>VWC developed and implemented a Community Engagement Strategy to encourage involvement of all groups within the community.</li> <li>Public meetings and opportunities for engagement are open to all community members.</li> </ul>
	Provide “balanced access” to groups you are engaging with	<ul style="list-style-type: none"> <li>VWC continues to hold meetings with stakeholder and community groups for opportunities to provide feedback and recommendations.</li> <li>All groups receive direct communications from VWC by email and postings on VWC’s website, Facebook page and Instagram.</li> </ul>
Evaluate and Revise	Evaluate your community engagement strategy	<ul style="list-style-type: none"> <li>VWC Board of Directors reviewed the first draft of Community Engagement Strategy.</li> <li>Community Engagement Strategy was presented to the CV-SALTS Executive Committee.</li> <li>VWC provided community-based organizations: Leadership Counsel for Justice and Accountability, Community Water Center, and Clean Water Action opportunity to review and provide feedback.</li> <li>Community Engagement Strategy evaluated and updated at least once.</li> </ul>
	Make modifications	<ul style="list-style-type: none"> <li>Community-based organizations provided feedback on the Community Engagement Strategy.</li> </ul>

Community Engagement Element	Potential Actions to Implement Element	EAP Development and Implementation
		<ul style="list-style-type: none"> <li>VWC considered and incorporated feedback into the Community Engagement Strategy where feasible and reasonable.</li> <li>The Community Engagement Strategy is a living document that is updated routinely to maximize community outreach efforts.</li> </ul>
Learning About the Community	Develop a Community Profile	<ul style="list-style-type: none"> <li>VWC developed a preliminary community profile and continues to update it periodically and uses it to continue conducting outreach.</li> </ul>
	Develop a Contact List	<ul style="list-style-type: none"> <li>VWC developed a preliminary contact list based on research and initial outreach and continues to update it.</li> <li>VWC has a website, Facebook page, and Instagram encouraging the public to join the email list. As VWC receives this request, contact info is added to the contact list.</li> </ul>
Educating the Community	Develop educational materials	<ul style="list-style-type: none"> <li>VWC developed educational materials with references from CV-SALTS and posts them on the VWC website.</li> </ul>
	Establish contact(s)	<ul style="list-style-type: none"> <li>VWC established contacts at multiple community-based organizations who continue to assist in distributing meeting information and materials to community members.</li> </ul>
	Establish locations where information is publicly accessible	<ul style="list-style-type: none"> <li>VWC has a website, Facebook page, and Instagram to post educational materials, such as FAQs, and uploads meeting information and recordings for the public to easily access as a follow up.</li> </ul>
	Distribute materials using multiple communication platforms	<ul style="list-style-type: none"> <li>Educational and meeting materials have been and continues to be distributed via email and posted on the VWC website, Facebook page, and Instagram.</li> </ul>
	Hold community meetings to educate the community	<ul style="list-style-type: none"> <li>VWC conducted and continues to conduct multiple virtual and hybrid community meetings to encourage public participation and feedback on the EAP development as well as provide opportunity to educate the community on nitrate issues.</li> </ul>
Collaborating with the Community	Create a process for collaborative decision-making	<ul style="list-style-type: none"> <li>Opportunities for Q&amp;A is provided during community outreach meetings.</li> <li>Contact information is provided at the end of each meeting and the public may provide comments via VWC's website.</li> <li>Polling questions are provided at community meetings to engage the audience.</li> <li>Public draft was posted to VWC's website along with a feedback questionnaire to assist the public with understanding the content of the EAP.</li> <li>Community meetings are held to summarize important elements of the EAP for the residents.</li> </ul>

Community Engagement Element	Potential Actions to Implement Element	EAP Development and Implementation
Maintaining Involvement	Provide updates	<ul style="list-style-type: none"> <li>• Updates are regularly provided at community meetings, VWC's website, Facebook page, and Instagram.</li> <li>• Emails are sent to list of contacts and announced on Facebook page and Instagram when plans are ready for review and input.</li> </ul>
	Maintain contact and process for responding to community inquiries	<ul style="list-style-type: none"> <li>• VWC manages their email account, website, Facebook page, and Instagram for any inquiries about the collaborative and outreach activities.</li> <li>• Prior to community meetings, phone calls and emails are made to community organizations to assist with outreach.</li> <li>• Any emails and/or inquiries received through the VWC website or responded to in a timely manner.</li> </ul>

# **Appendix H: Community Outreach to Support EAP Development**

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Appendix H: Community Outreach to Support EAP Development

H-1: Community Meeting Presentations

H-2: Public Meeting Notices

# Appendix H-1: Community Meeting Presentations

## Community Meeting Presentations

### Summary of Community Outreach Meetings During EAP Development

Activity	Purpose	Date/Time
VWC P2 Proposed Management Zones Community Outreach Meeting #1	Introduction of the VWC and Nitrate Control Program. Overview of potentially nitrate-impacted areas, possible interim solutions, and how residents participate.	August 13, 2024 2 – 3:30 pm
		August 15, 2024 6 – 7: 30 pm
VWC P2 Proposed Management Zones Community Outreach Meeting #2	Overview of nitrate conditions and potential interim drinking water solutions under the EAP as well as the opportunity to provide feedback on potential interim replacement water program elements. Inform about public draft EAP and opportunity to review and comment.	October 10, 2024 2 – 3:30 pm
		October 10, 2024 6 – 7:30 pm
VWC P2 Proposed Management Zones Community Outreach Meeting #3	Present draft EAP contents and reminder for community participants to review and comment on public draft EAP.	October 29, 2024 3 – 4:30 pm Hybrid; Merced
		October 30, 2024 3 – 4:30 pm Hybrid; Stockton

- For recorded meetings, visit: VWC’s Website (<https://valleywaterc.org/meetings/>)



# Valley Water Collaborative Nitrate Control Program

Priority 2 Groundwater Subbasins:  
Community Outreach & Engagement  
Meeting

*August 13 & 15, 2024*



11/21/2024



## VWC TEAM

### VWC Staff

*Parry Klassen*  
*Executive Director*  
*Outreach Team*  
Eva Dwyer  
Ezra Klassen  
Jesus Nunez  
Maureen Thompson

### Consultants

*GEI Consultants*  
Richard Meyerhoff  
Jackie Takeda  
*Luhdorff & Scalmanini Consulting Engineers*  
Vicki Kretsinger  
Barbara Dalgish



8/15/22

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# MEETING AGENDA

- Introduction
- Nitrate Control Program Overview
  - What is the Nitrate Control Program?
  - Why does this matter to me?
  - What is a Management Zone and how can I be involved?
  - What does the Management Zone do?
- Identifying Potentially Impacted Residents
  - How do we determine nitrate conditions?
  - Where does high nitrate occur?
  - How many wells and people might be affected?
- Drinking Water Solutions
  - What is an Early Action Plan?
  - What are safe drinking water options?
  - How can we connect with you?
- Closing



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# INTRODUCTION

- Valley Water Collaborative



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## VALLEY WATER COLLABORATIVE STRUCTURE

### We are a non-profit organization...

- Formed to implement Management Zone approach to address nitrate contamination of groundwater drinking water supplies
- Modesto administrative office



**VALLEY WATER  
COLLABORATIVE**  
www.valleywaterc.org

### Mission

To maintain and improve the quality of life in the northern San Joaquin Valley by **implementing programs that provide access to safe drinking water for residents**, and by engaging in activities with the goal of **protecting or enhancing the quality of groundwater used as drinking water** for residents in the region.

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## VALLEY WATER COLLABORATIVE BOARD OF DIRECTORS

### 12 Board Members

- 3 irrigated agriculture
- 3 food processor/winery
- 2 dairy industry
- 1 poultry
- 3 cities



**VALLEY WATER  
COLLABORATIVE**  
www.valleywaterc.org

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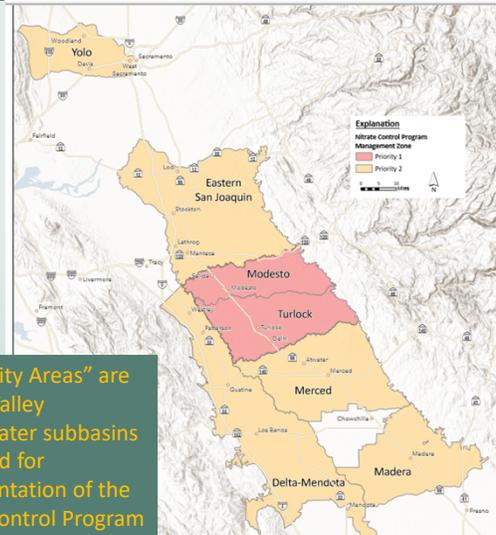
## VALLEY WATER COLLABORATIVE NITRATE CONTROL PROGRAM: PRIORITY AREAS\*

VWC was formed in 2020 to support the **Priority 1** Management Zone areas (pink) in the Central Valley to:

- Address nitrate contamination thru waste management improvements (via permit holder actions)
- Provide well testing and replacement water for private wells with nitrate exceedances (supported by permit holders)

VWC recently expanded to **Priority 2** areas (orange)

- Delta Mendota
- East San Joaquin
- Merced
- Madera
- Yolo (still under consideration)



\* - "Priority Areas" are Central Valley groundwater subbasins prioritized for implementation of the Nitrate Control Program

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## VWC EFFORTS TO ADDRESS NITRATE CONTAMINATION IN DRINKING WATER SINCE 2021

### VWC Activities in Modesto/Turlock basins

- Program began in May 2021 (Priority 1 areas)
- Progress to date (as of July 2024):
  - **1,331** well testing applications
  - **780** wells tested for nitrate + other contaminants
  - **564** households receiving bottled water
  - **Year 3+** of SAFER grant support to test for additional contaminants

*Identical program begins February 26, 2025 in all Priority 2 basins*



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# WHAT IS THE NITRATE CONTROL PROGRAM?

- Richard Meyerhoff, GEI Consultants

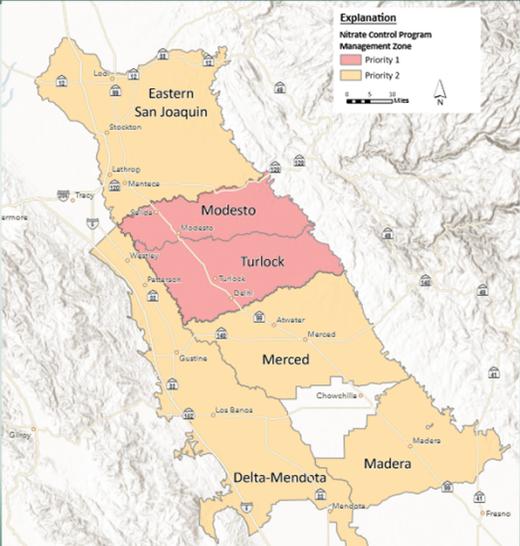


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## NITRATE CONTROL PROGRAM OVERVIEW

- Nitrate Control Program is a regulation\* that will help resolve problems with nitrate in our area. We have three goals:
  - Provide safe drinking water supplies
  - Reduce nitrate impacts to water supplies
  - Restore groundwater quality, where reasonable, feasible, and practicable
- First step: Stakeholders formed the Valley Water Collaborative (VWC) in 2021 to serve Priority 1 designated areas
- Next step: VWC now expanding its efforts into Priority 2 designated areas



\* <https://www.cvsalinity.org/nitrate-control-program.html>

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## WHY DOES THIS MATTER TO ME?

- Human Right to Water (AB685) California Policy:

*“Every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.”*



- Nitrate – tasteless, odorless, can't boil it out of your water, at high levels it reduces your blood's ability to absorb oxygen
- Nitrate contamination is prevalent in some areas in the Central Valley



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## WHY DOES THIS MATTER TO ME?

- **Where do you get your water from?**

- Public Supply Well? Private Domestic Well?
- Drinking water obtained from groundwater that enters our homes through a private domestic well may require action if impacted by nitrate



- **Your drinking water may be impacted by high levels of nitrate; how can you find out for sure?**

- Public Water System = Consumer Confidence Report\*
- Private Domestic Well = laboratory sample (well test)



\*<https://sdwis.waterboards.ca.gov/PDWW/>

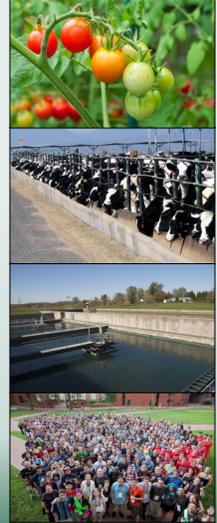
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## WHAT IS A MANAGEMENT ZONE AND HOW CAN I BE INVOLVED?

- **Valley Water Collaborative now beginning process to :**
  - Bring safe drinking water to your community, where needed
  - Work together with you to share the cost of nitrate management
  - Work with the community to identify solutions tailored to your area
  
- **You can be involved too!**
  - Sources of nitrate in the area, e.g., growers, dairies, wastewater treatment facilities, food processors, and wineries are already getting involved
  - We need your input too, i.e., direct input from residents about water solutions

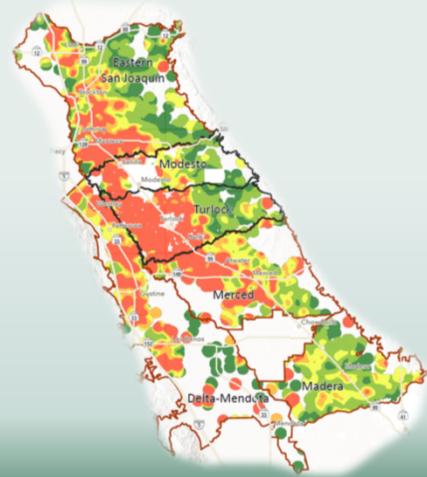


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## WHAT DO THE VALLEY WATER COLLABORATIVE MANAGEMENT ZONES DO?

- Find out where nitrate has impacted groundwater and identify residents
- Collaborate with the local community to determine appropriate water solutions and address nitrate issues
- Prepare, submit and implement required planning documents to meet regulatory requirements



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## IDENTIFYING POTENTIALLY IMPACTED RESIDENTS

- Barbara Dalgish, Luhdorff & Scalmanini Consulting Engineers

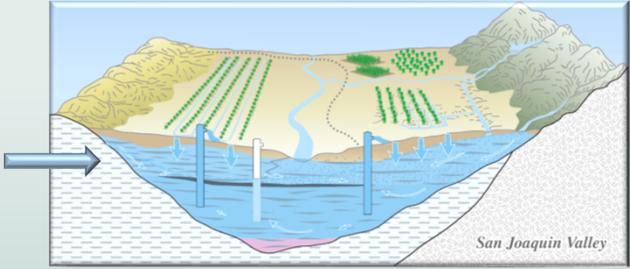


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## HOW DO WE DETERMINE NITRATE CONDITIONS?

- Collect all available groundwater nitrate data from area of interest
  - Public Sources (State and Federal databases)
  - Data by Request (County Departments)
- Focus on the Upper Zone of the Groundwater System
  - Where are domestic wells pumping from?
  - Look at recent data (2010 to present)
  - Spatial interpolation: “use what we know to figure out what we don’t know”



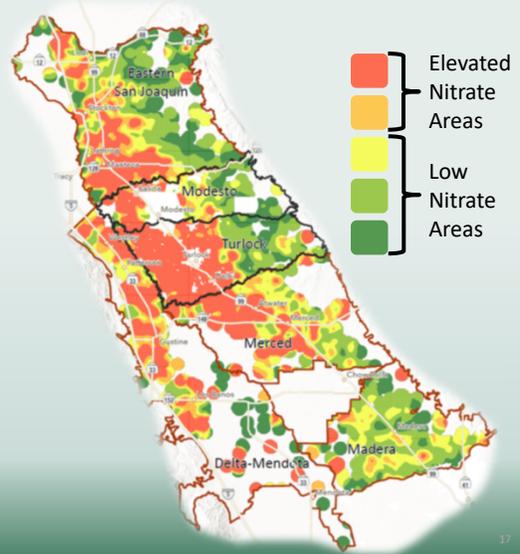
San Joaquin Valley

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## WHERE DOES HIGH NITRATE OCCUR?

- Identify Areas Affected by Nitrate
  - Locating areas where unsafe levels of nitrate are in drinking water
  - Locating private domestic wells in areas with unsafe nitrate levels
  - Identify existing water systems that treat for nitrate
- Maps Showing Recent Nitrate Levels
  - Used to help identify affected residents



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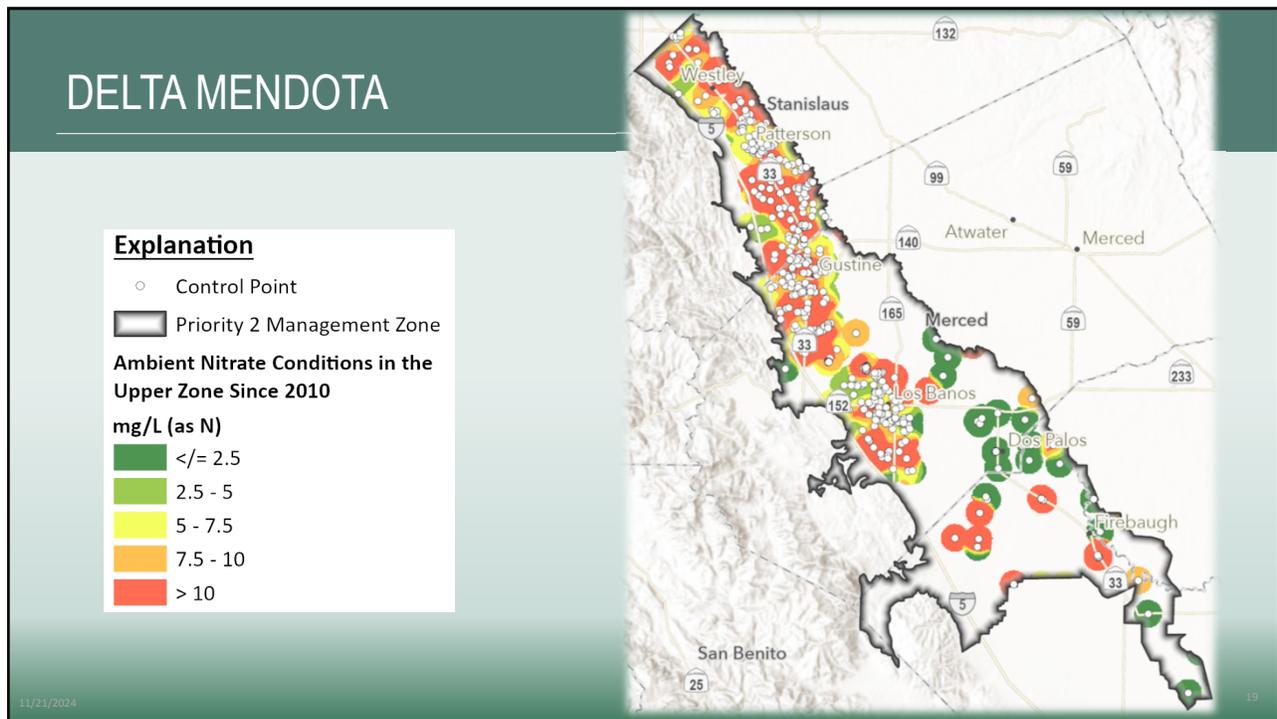
## DELTA MENDOTA

*Preliminary Nitrate Water Quality & Domestic Well Assessment*

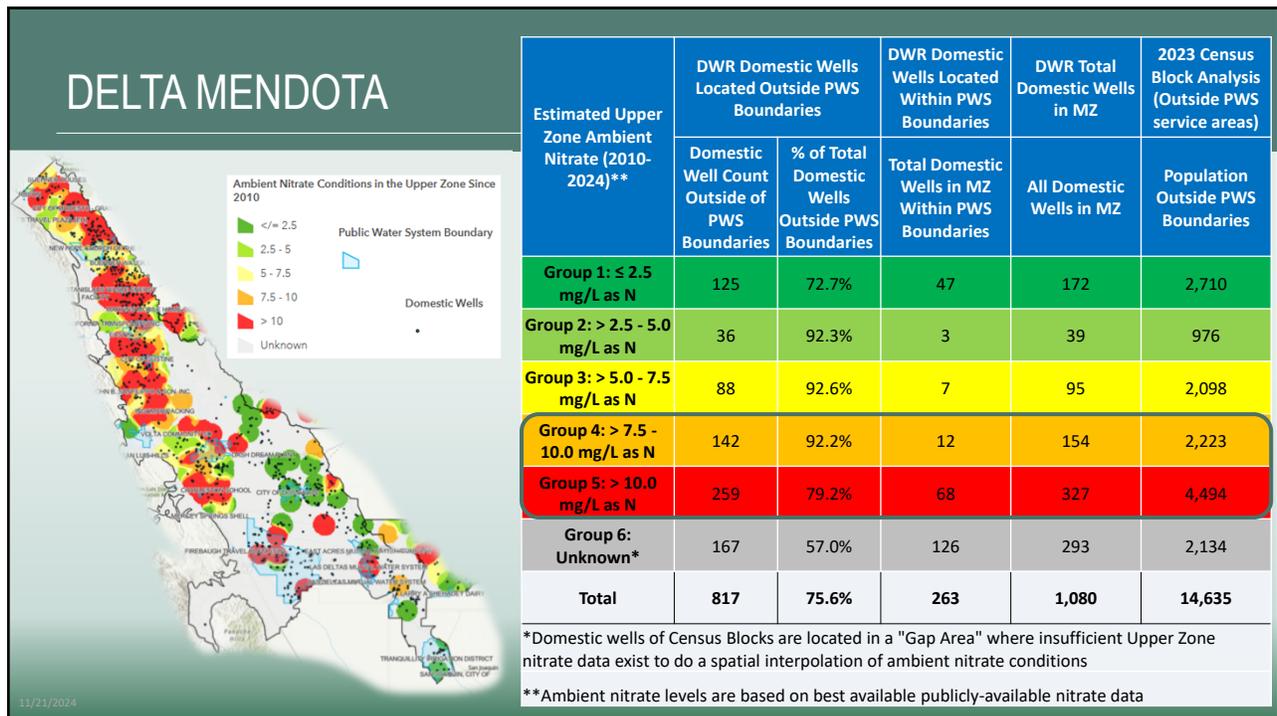
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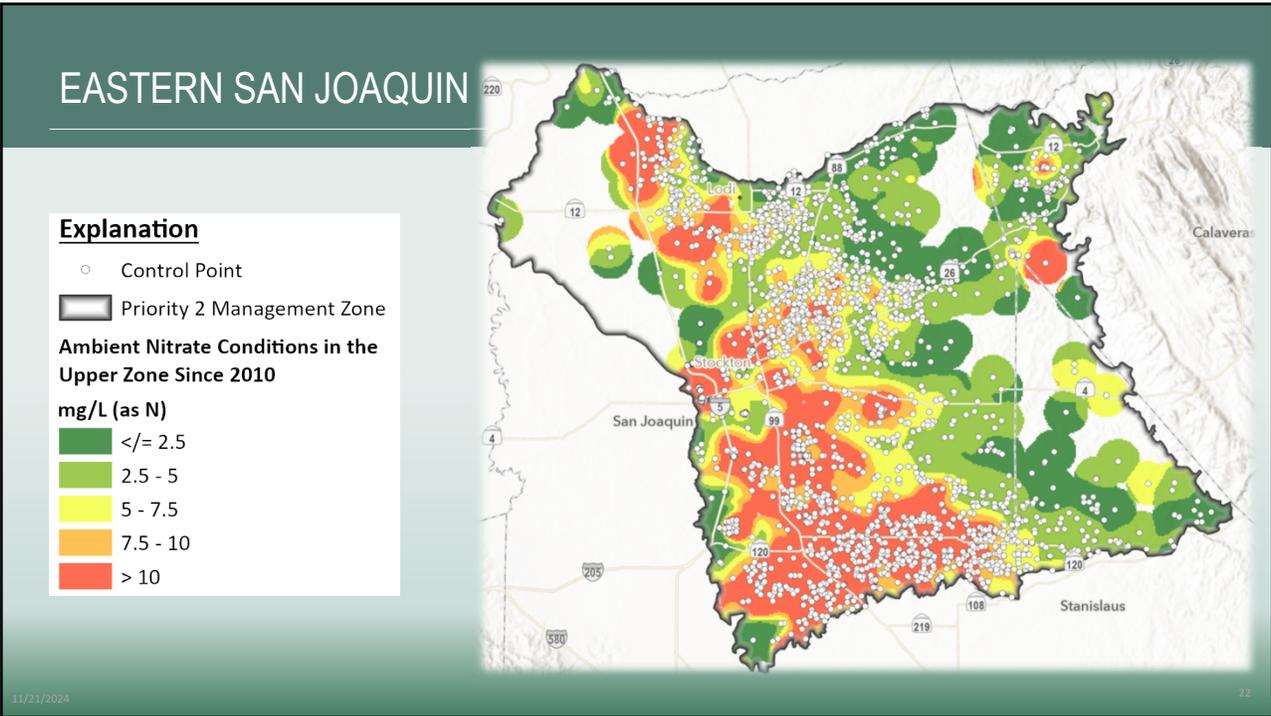
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# EASTERN SAN JOAQUIN

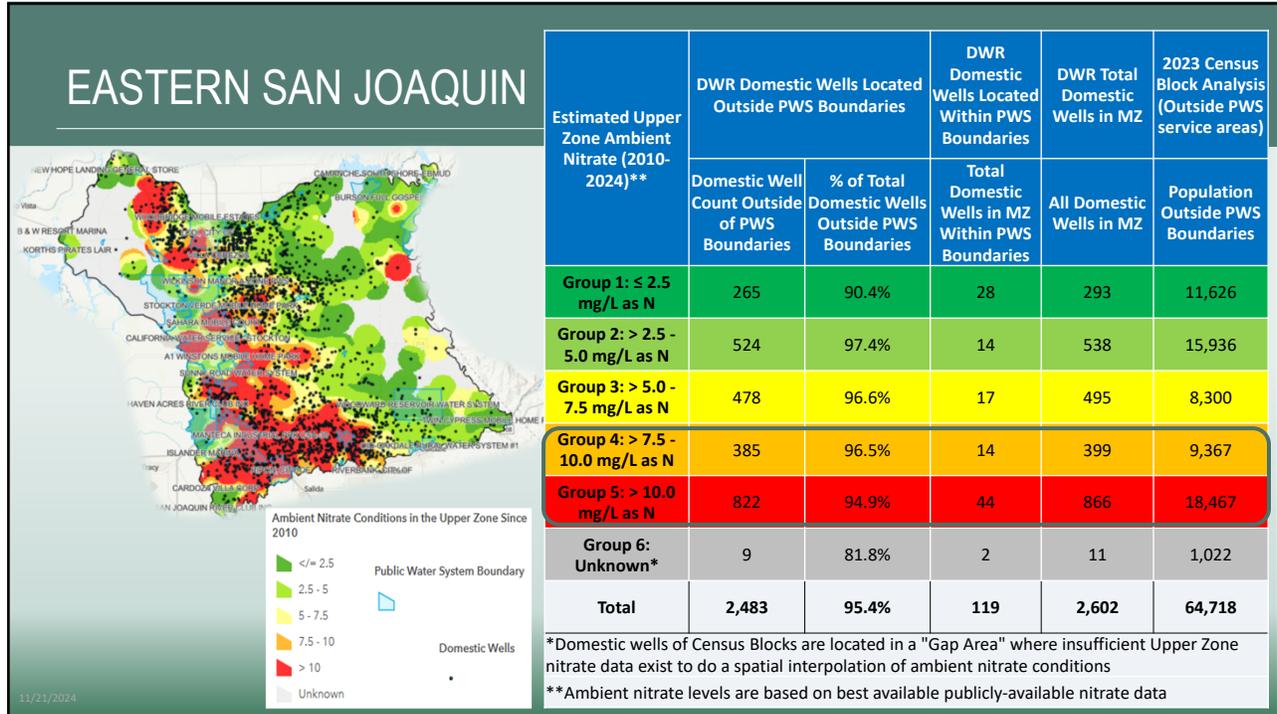
## *Preliminary Nitrate Water Quality & Domestic Well Assessment*

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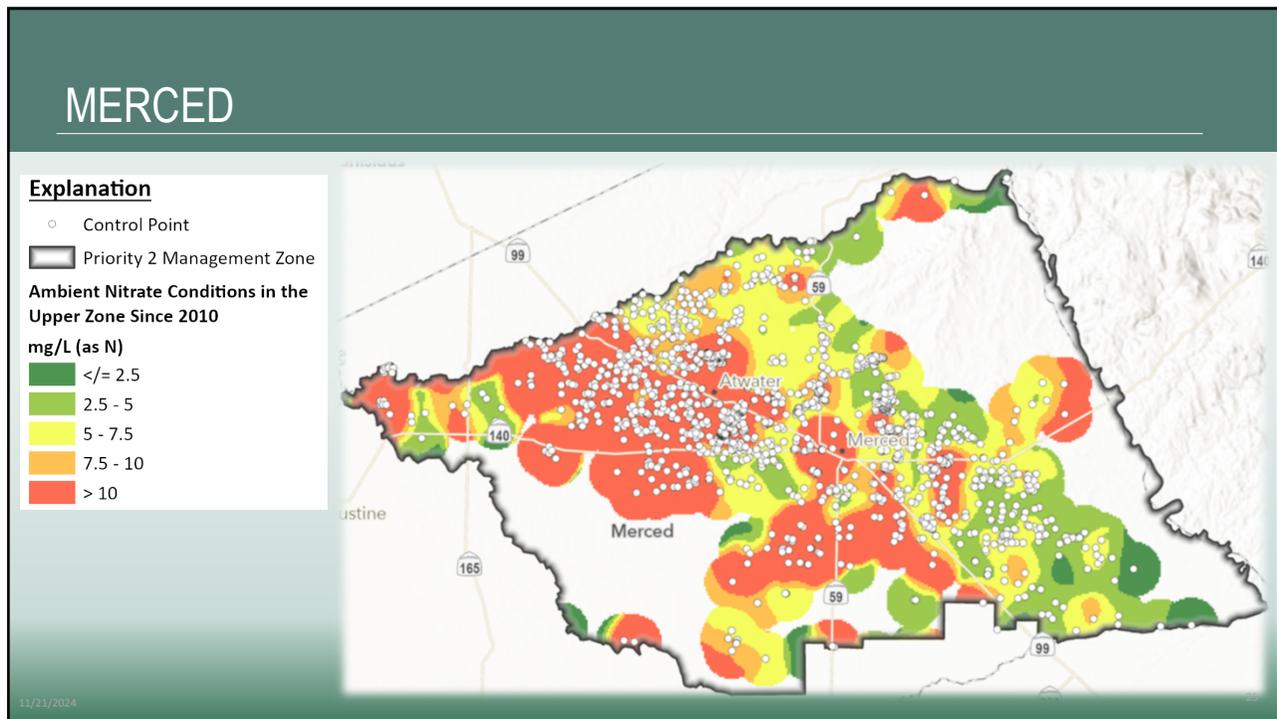
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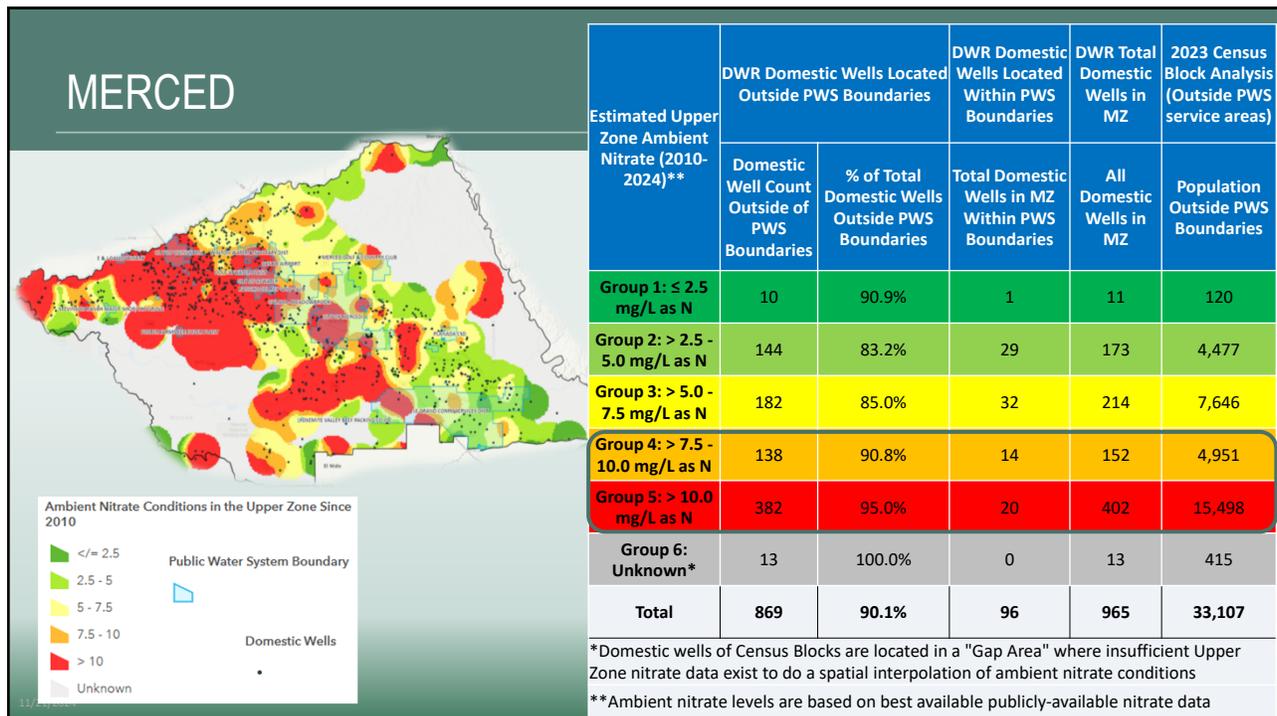
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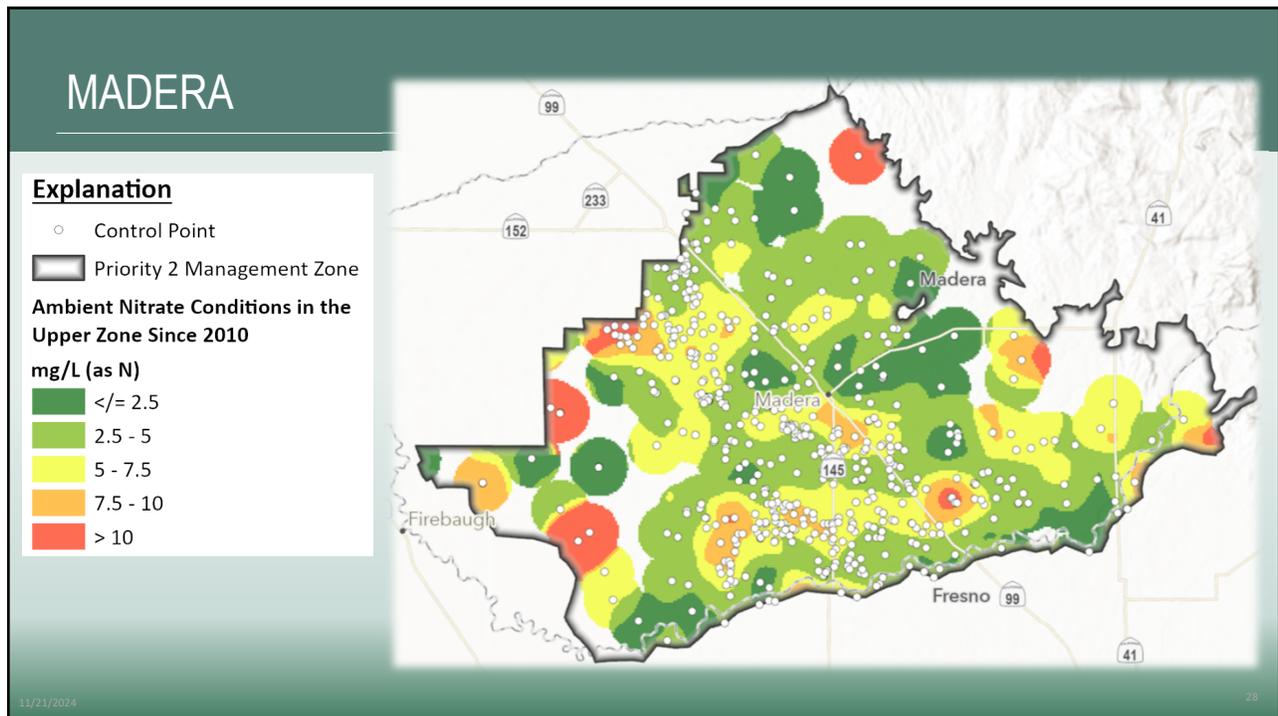
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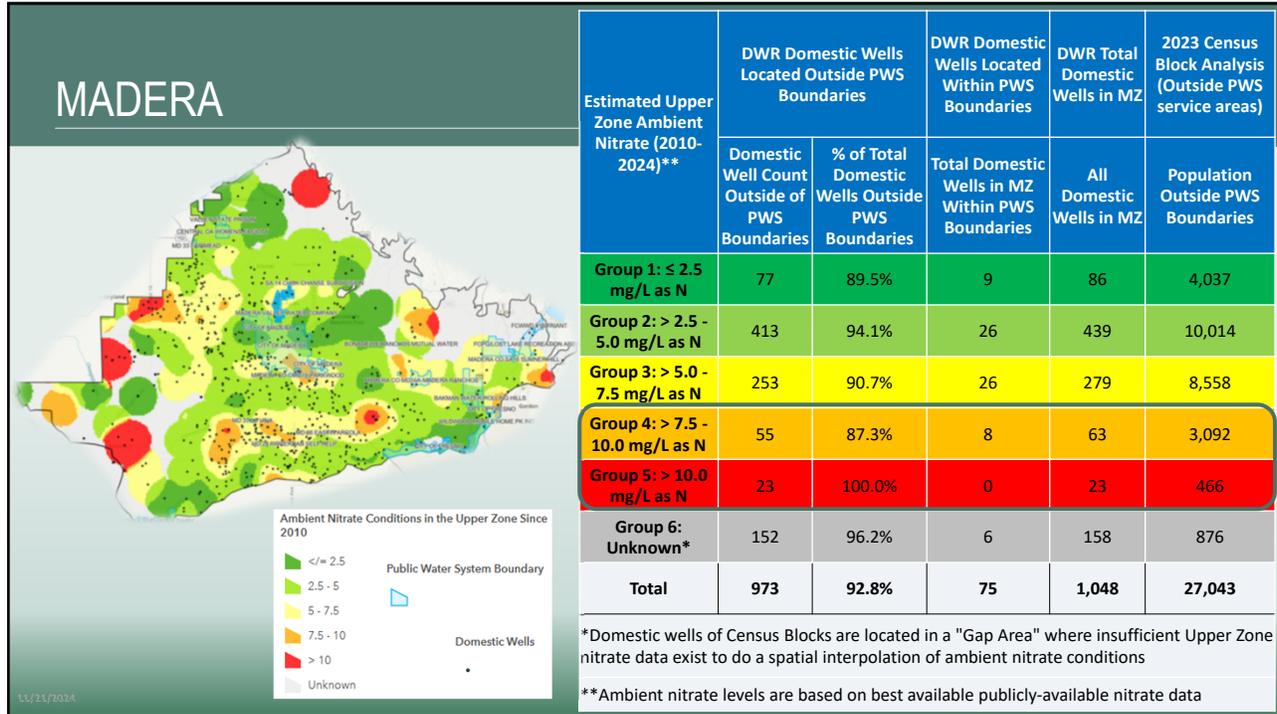
## *Preliminary Nitrate Water Quality & Domestic Well Assessment*

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## DRINKING WATER SOLUTIONS

- Nitrate Control Program Early Action Plan

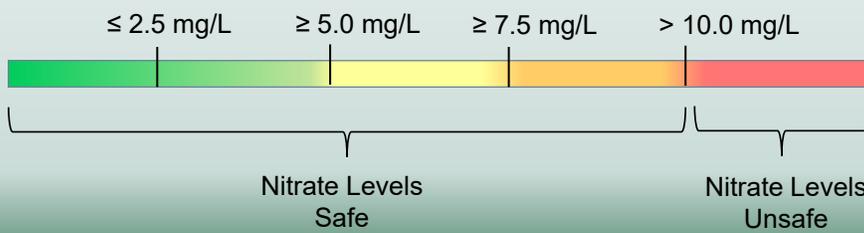


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## WHAT IS AN EARLY ACTION PLAN (EAP)?

- The EAP is a plan to provide access to safe drinking water for those who are dependent on groundwater from wells that exceed the nitrate safe drinking water standard



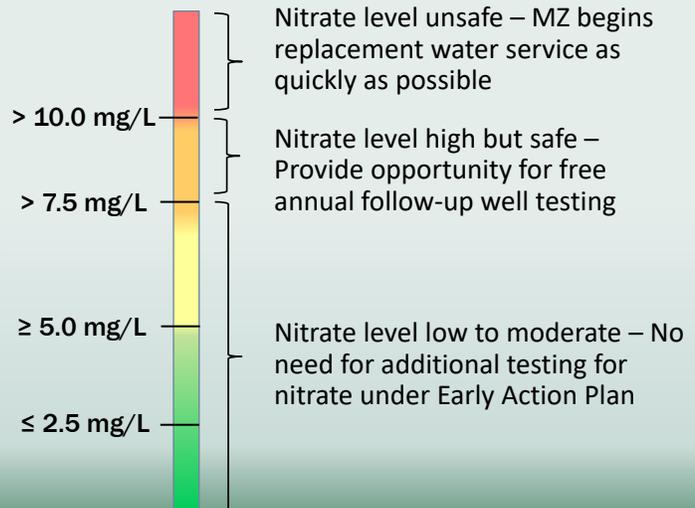
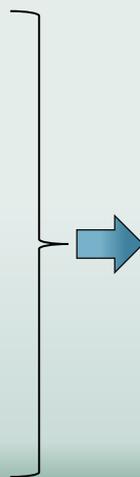
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## HOW WILL I KNOW WHAT NITRATE LEVELS ARE IN MY WELL?

- Representative from the Management Zone (MZ) will come to your home to test your well water for nitrate at no cost to you
  - Results will be provided to you
  - Test results determine next steps



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# WHAT OPTIONS ARE BEING CONSIDERED TO PROVIDE SAFE DRINKING WATER?



Home Bottled Water Delivery



Install Point-of-Use Treatment System in Your Home



Visit Local Water Fill Station to Fill Water Bottles

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## COMMUNITY PARTICIPATION

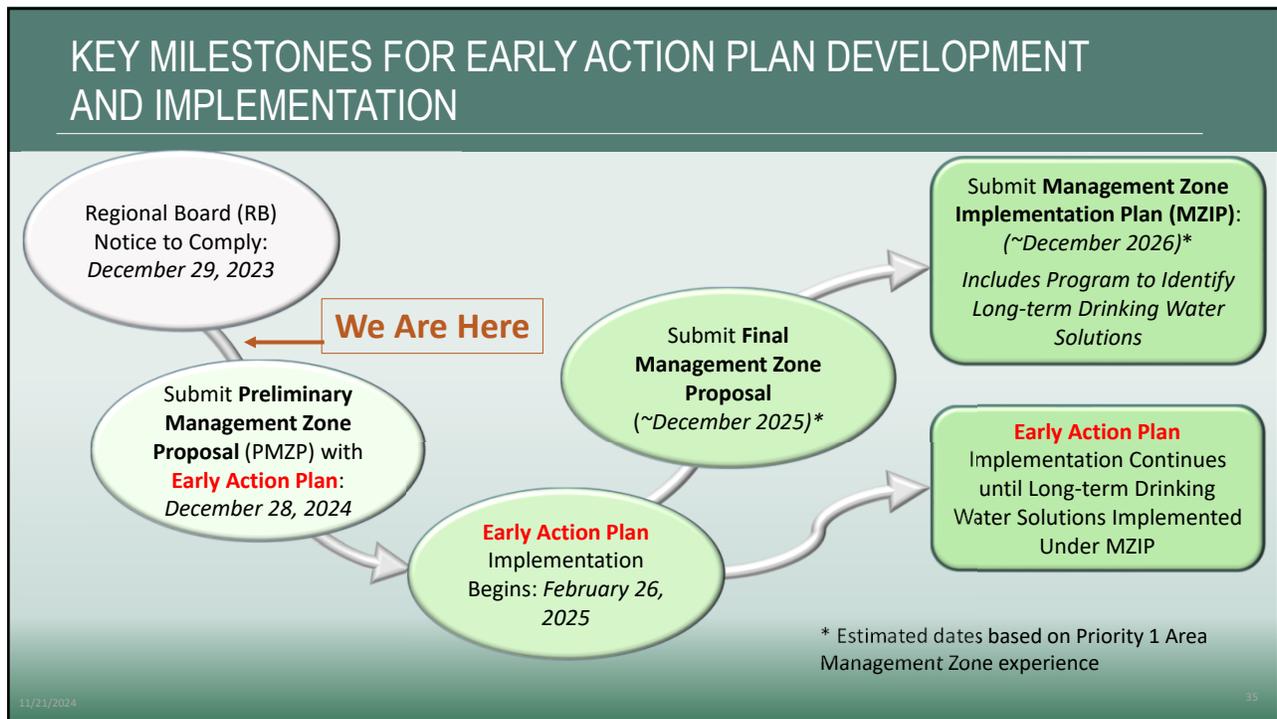
- Key Dates Looking Ahead



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## UPCOMING COMMUNITY PARTICIPATION OPPORTUNITIES

Community Outreach Meetings		
Event	Target Date(s)	Topic
#1	August 13 & 15	Introduce Nitrate Control Program and Development of Early Action Plan
#2	Week of September 23	Discuss Alternatives to Provide Safe Drinking Water While Long-term Solutions are being Developd
#3	Week of October 28	Finalize Early Action Plan Program and Present Draft Preliminary Management Zone Proposal

- Additional opportunities to provide community input to program will be available after Early Action Plan implementation begins

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## CLOSING

### Questions?

#### FOR MORE INFORMATION

- Valley Water Collaborative [www.valleywaterc.org](http://www.valleywaterc.org)
- Contact Parry Klassen [klassenparry@gmail.com](mailto:klassenparry@gmail.com)
- Nitrate Control Program <https://www.cvsalinity.org/nitrate-program/>
- Example Management Zone Documents: <https://www.cvsalinity.org/resources/management-zone-development/>

**VWC Phone: 209-750-3867**  
**VWC Email: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)**

**Technical Team Contacts:**

- Richard Meyerhoff: [rmeyerhoff@geiconsultants.com](mailto:rmeyerhoff@geiconsultants.com)
- Jackie Takeda: [jtakeda@geiconsultants.com](mailto:jtakeda@geiconsultants.com)
- Barbara Dalgish: [bdalgish@lsce.com](mailto:bdalgish@lsce.com)
- Vicki Kretsinger: [vkretsinger@lsce.com](mailto:vkretsinger@lsce.com)

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## THANK YOU!

WEBSITE: [www.valleywaterc.org](http://www.valleywaterc.org)  
 EMAIL: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)  
 PHONE: 209-750-3867



**VALLEY WATER COLLABORATIVE**  
[www.valleywaterc.org](http://www.valleywaterc.org)

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# Valley Water Collaborative Nitrate Control Program

## Priority 2 Groundwater Subbasins: Community Outreach & Engagement Meeting

*October 10, 2024*



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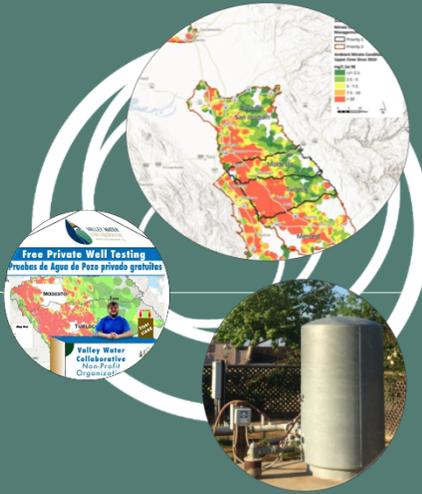
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## VWC TEAM

<p><b>VWC Staff</b></p> <p><i>Parry Klassen</i> <i>Executive Director</i></p> <p><i>Outreach Team</i></p> <p>Eva Dwyer Ezra Klassen Jesus Nunez Maureen Thompson</p>	<p><b>Consultants</b></p> <p><i>GEI Consultants</i></p> <p>Jackie Takeda Richard Meyerhoff</p> <p><i>Luhdorff &amp; Scalmanini Consulting Engineers</i></p> <p>Barbara Dalgish Vicki Kretsinger</p>
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# MEETING AGENDA

- Introduction
- What is the Nitrate Control Program?
  - Regulatory Requirements
  - Source of Drinking Water
  - Areas with Elevated Nitrate Levels
- Early Action Plan
  - Key Elements
  - Options for Replacement Water
  - Well Testing Program
- Next Steps & VWC Coordination



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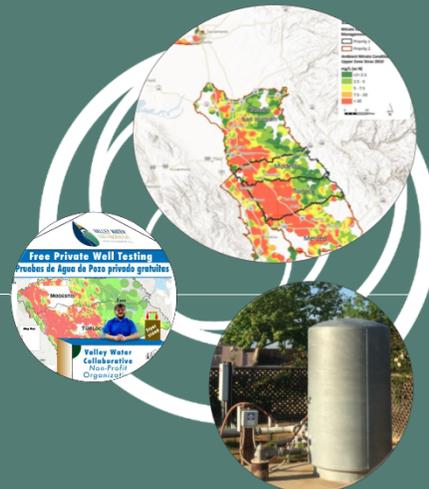
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# INTRODUCTION

- Valley Water Collaborative



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## VALLEY WATER COLLABORATIVE STRUCTURE

### We are a non-profit organization...

- Formed to implement Management Zone approach to address nitrate contamination of groundwater drinking water supplies
- Modesto administrative office



### Mission

To maintain and improve the quality of life in the northern San Joaquin Valley by **implementing programs that provide access to safe drinking water for residents**, and by engaging in activities with the goal of **protecting or enhancing the quality of groundwater used as drinking water** for residents in the region.

11/21/2024

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## VALLEY WATER COLLABORATIVE BOARD OF DIRECTORS

### 12 Board Members

- 3 irrigated agriculture
- 3 food processor/winery
- 2 dairy industry
- 1 poultry
- 3 cities



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## VALLEY WATER COLLABORATIVE NITRATE CONTROL PROGRAM: PRIORITY AREAS\*

VWC was formed in 2020 to support the **Priority 1** Management Zone areas in the Central Valley to:

- Address nitrate contamination thru waste management improvements (via permit holder actions)
- Provide well testing and replacement water for private wells with nitrate exceedances (supported by permit holders)

VWC has expanded to include five **Priority 2** areas:

- Yolo
- Eastern San Joaquin
- Delta-Mendota
- Merced
- Madera

\* "Priority Areas" are Central Valley groundwater subbasins prioritized for implementation of the Nitrate Control Program

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## VWC EFFORTS TO ADDRESS NITRATE CONTAMINATION IN DRINKING WATER SINCE 2021

VWC Activities in Modesto/Turlock Management Zones:

- Program began in May 2021 (Priority 1 areas)
- Progress to date (as of September 2024):
  - **1,331** well testing applications
  - **780** wells tested for nitrate + other contaminants
  - **564** households receiving bottled water
  - **Year 3+** of SAFER grant support to test for additional contaminants

**Identical program begins February 26, 2025 in all Priority 2 proposed Management Zones**

**Tested by VWC since 2021**

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## WHY ARE WE HERE TODAY?

- **Explain how new Nitrate Management Zones are addressing nitrate in drinking water**
  - Many small communities and rural residents rely on groundwater for drinking water
  - It may not be possible to safely use this groundwater for drinking water when nitrate levels are high
  - We want to work with you to develop short and long-term solutions to address nitrate concerns in these Management Zones
- This is our second meeting – Go to <https://valleywaterc.org/meetings/> to view previous information shared at August meetings; ***more to come!***



11/21/2024

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## WHAT IS A MANAGEMENT ZONE AND HOW CAN I BE INVOLVED?

- **Valley Water Collaborative is now beginning process to:**
  - Bring safe drinking water to your community, where needed
  - Work with communities to tailor local solutions
- **We want your involvement!**
  - Nitrate discharge sources already involved:
    - Irrigated agriculture
    - Dairies/poultry
    - Urban wastewater treatment facilities
    - Food processors/wineries



***We are seeking your input on drinking water solutions!***

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## POLL QUESTIONS



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**Please respond to the pop-up poll on your screen.  
We will share the results with everyone shortly.**

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## SURVEY QUESTION BREAK #1

1. How did you hear about the Valley Water Collaborative?

- a) Direct email
- b) Friend or neighbor
- c) Internet
- d) Other



**VALLEY WATER  
COLLABORATIVE**  
[www.valleywaterc.org](http://www.valleywaterc.org)

2. How familiar are you with the Nitrate Control Program and Management Zones?

- a) I know all about it
- b) I only know a little and want to learn more

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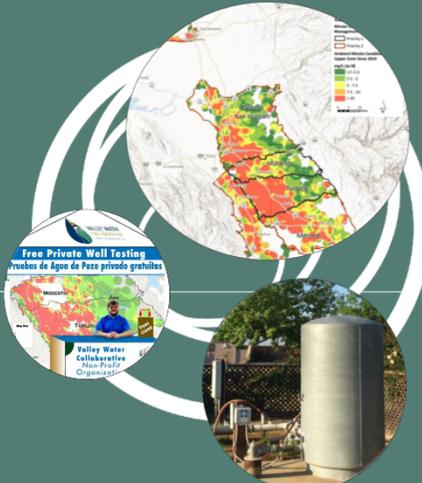
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## WHAT IS THE NITRATE CONTROL PROGRAM?

- Barbara Dalgish, Luhdorff & Scalmanini Consulting Engineers

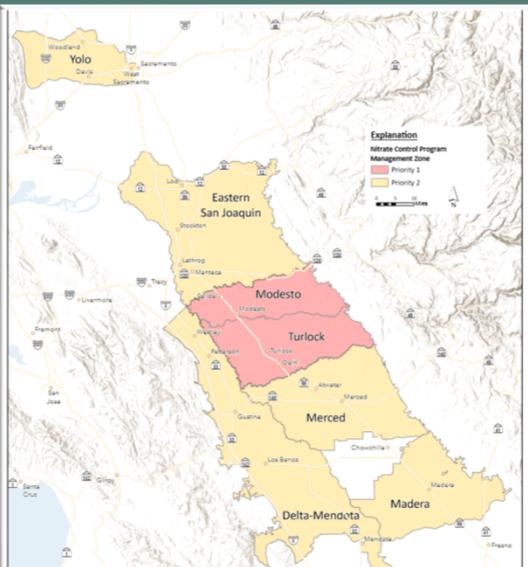


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## NITRATE CONTROL PROGRAM OVERVIEW

- Nitrate Control Program is a regulation\* that will help resolve problems with nitrate in our area. We have three goals:
  - Provide safe drinking water supplies
  - Reduce nitrate impacts to water supplies
  - Restore groundwater quality, where reasonable, feasible, and practicable
- First step: Stakeholders formed the Valley Water Collaborative (VWC) in 2020 to serve Priority 1 designated areas
- Next step: VWC now expanding its efforts into Priority 2 designated areas



\* <https://www.cvsalinity.org/nitrate-control-program.html>

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## WHY DOES THIS MATTER TO ME?

- Human Right to Water (AB685) California Policy:

*“Every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.”*



- Nitrate – tasteless, odorless, can't boil it out of your water, at high levels it reduces your blood's ability to absorb oxygen
- Nitrate contamination is prevalent in some areas in the Central Valley



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## HOW MIGHT THESE CONDITIONS AFFECT YOU?



- Where do you get your drinking water from?
  - Private Domestic Wells (likely untreated)
  - Public Water System (hopefully treated and/or safe to drink)
- What are we doing to help you find out if your drinking water comes from an area with elevated nitrate?
  - Characterizing nitrate water quality in groundwater in your area
  - Identifying domestic wells in areas with potentially elevated nitrate levels

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## WHERE IS GROUNDWATER IMPACTED BY NITRATE?

- Data Gathering:
  - Collecting groundwater nitrate data from public and county databases
  - Focusing on recent water quality data (since 2010)
  - Categorizing nitrate data by well depth
- Estimate nitrate levels in groundwater between known data points
- Develop maps of current nitrate conditions in the Upper Zone (where your domestic well most likely pumps water)

\* “Elevated Nitrate Areas” means areas in orange and red on the map where nitrate levels are > 7.5 mg/L as N (based on nitrate maximum contaminant level of 10 mg/L as N)

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## WHAT IS POTENTIAL IMPACT TO DOMESTIC WELL USERS?

- VWC has prepared a preliminary estimate of the number of domestic wells and population of residents potentially affected by elevated nitrate levels (> 7.5 mg/L as N)

Priority 2 Area	Preliminary Estimate of Number of Domestic Wells Outside Public Water Supply Boundaries with Potentially Elevated Nitrate	Preliminary Estimate of Number of Residents Outside Public Water Supply Boundaries with Potentially Elevated Nitrate
Delta Mendota	401	6,717
Eastern San Joaquin	1,207	27,834
Madera	78	3,558
Merced	520	20,449
Yolo	153	2,480

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## POLL QUESTIONS



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## SURVEY QUESTION BREAK #2

1. Do you know where your drinking water comes from?
  - a) Yes
  - b) No
2. Do you get your drinking water from a Public Water System or Private Domestic Well?
  - a) Public Water System
  - b) Private Domestic Well
  - c) I don't know
3. Do you know if you have a nitrate problem with your drinking water?
  - a) I do have a nitrate problem with my drinking water
  - b) I do not have a nitrate problem with my drinking water
  - c) I have no idea if I have a nitrate problem with my drinking water



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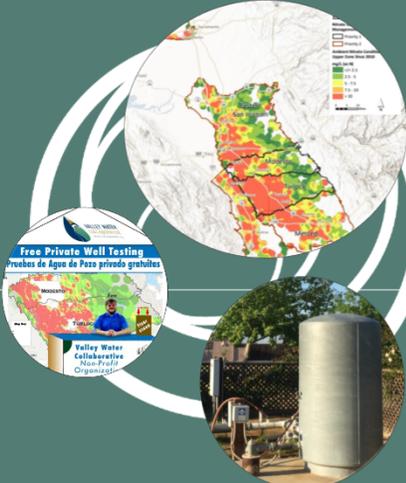
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## EARLY ACTION PLAN

- Jackie Takeda, GEI Consultants



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## WHAT IS AN EARLY ACTION PLAN?

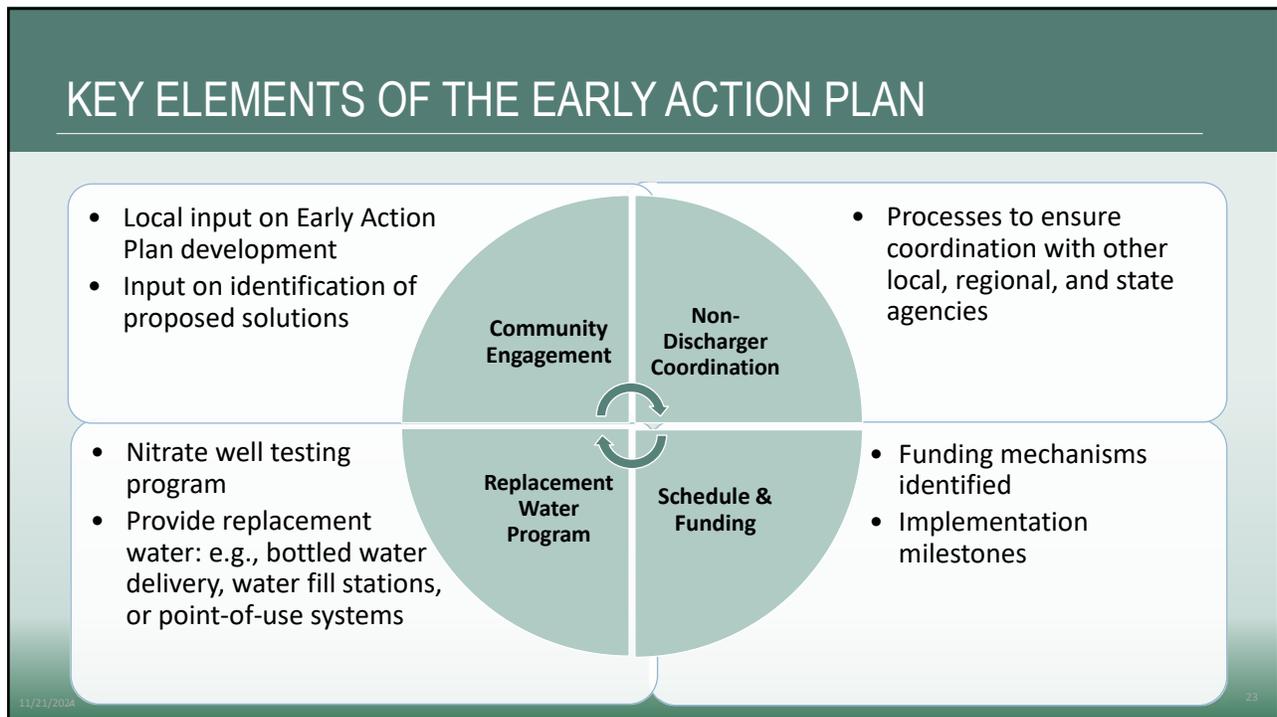
- The Management Zone is required to develop and implement short- and long-term solutions to ensure residents have access to safe drinking water in areas impacted by unsafe nitrate levels
- The Early Action Plan is the Management Zone’s plan to test wells to determine if they are impacted by nitrate and where needed provide access to safe drinking water
- Draft Early Action Plan (“Priority 2 EAP Public Draft”) is currently available for review and comment at:  
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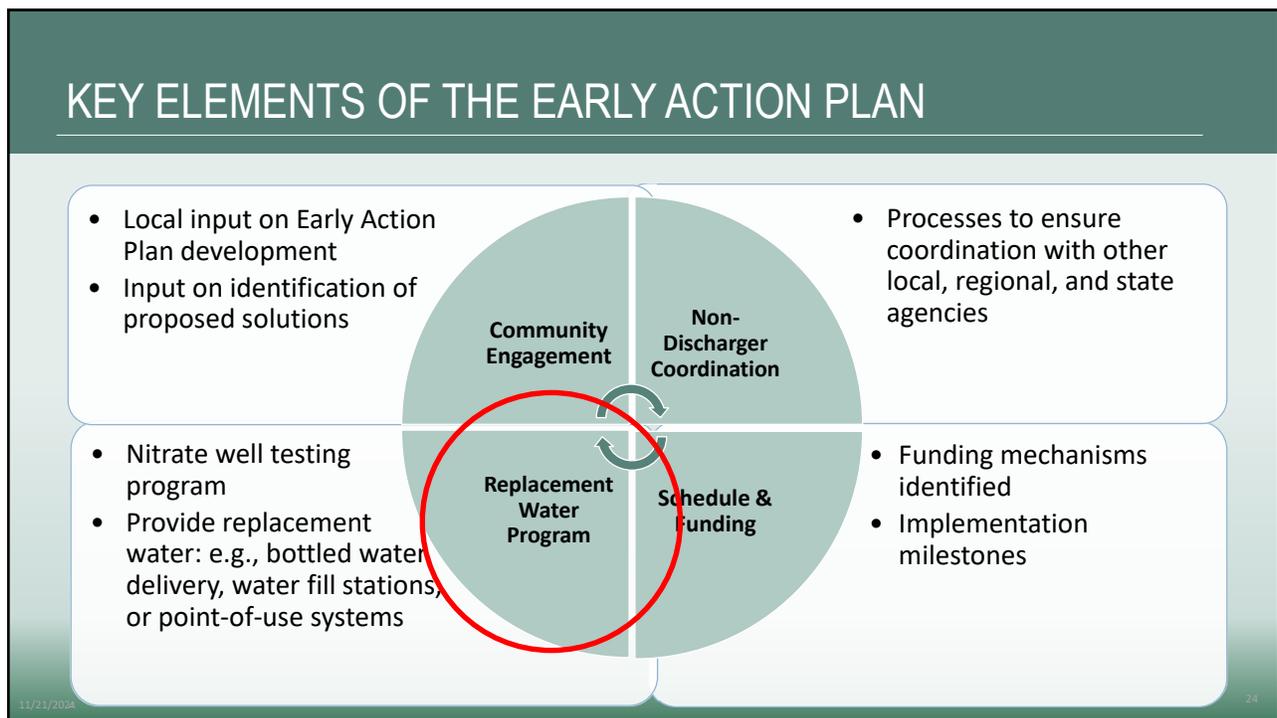
$\leq 2.5$ mg/L	$\geq 5.0$ mg/L	$\geq 7.5$ mg/L	$> 10.0$ mg/L
Nitrate Levels Safe			Nitrate Levels Unsafe

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## WHAT OPTIONS ARE BEING CONSIDERED TO PROVIDE SAFE DRINKING WATER?



Home Bottled Water Delivery



Install Point-of-Use Treatment System in Your Home



Visit Local Water Fill Station to Fill Water Bottles

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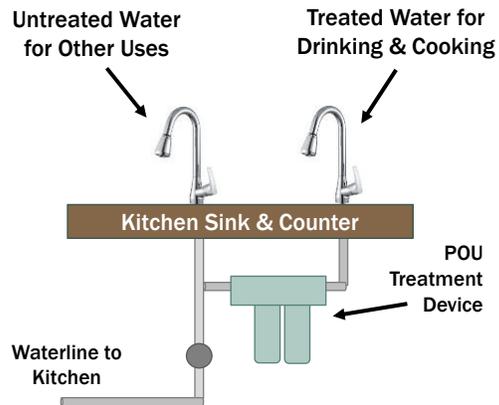
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## BOTTLED WATER AND POINT OF USE SYSTEMS



### Home Bottled Water Delivery –

- Bottled water is delivered directly to your home
- Program is managed by the Management Zone, but resident works with the Management Zone’s vendor to coordinate services
- Volume, frequency of delivery based on household needs



**Point-of-Use (POU)** – Installed at a “point” at a single location in the home where water is used

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## WATER FILL STATIONS

- Vending machine or kiosk that dispenses drinking water
- Source of water to the station is a municipal water supply that provides safe drinking water
- Water is provided at no cost to the user
- Station allows use of water containers up to 5-gallons in size
- User may bring as many empty containers to fill as needed



Source: Kings River Water Quality Coalition

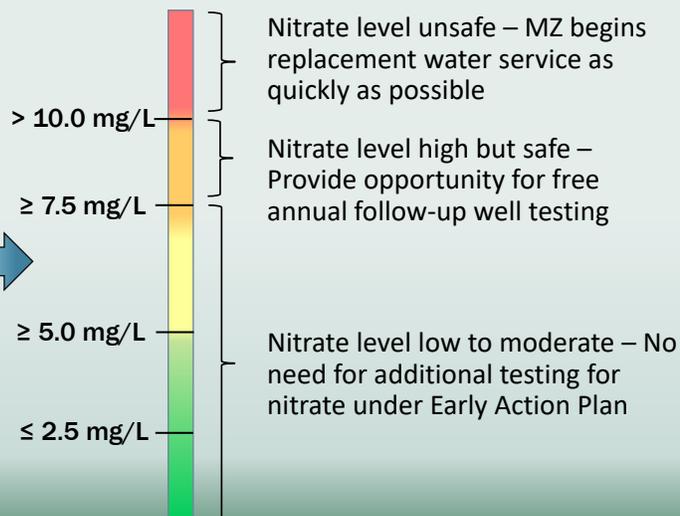
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## HOW CAN I KNOW WHAT NITRATE LEVELS ARE IN MY WELL?

- Request a well test from the Management Zone (MZ)
- Once approved, a representative from the MZ will come to your home to test your well water for nitrate at no cost to you
  - Results will be provided to you
  - Test results determine next steps
- Note: MZ may be able to test for other contaminants of state funding continues to be available



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## POLL QUESTIONS



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**Please respond to the pop-up poll on your screen.**

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## SURVEY QUESTION BREAK #3

1. If offered to have your well tested for nitrate for free, would you request this service?
  - a) Yes
  - b) No
  - c) Not sure
2. What is your preferred option for obtaining safe drinking water for yourself and your community?
  - a) Free Home Bottled Water Delivery
  - b) Point-Of-Use Treatment System installed and maintained at no charge
  - c) Visit a free local water fill station to fill water bottles
3. If you are unable to use a water fill station, what is the most important reason?
 

a) Too far from where I live	d) I don't have time
b) I do not have reliable transportation/car	e) Other reason
c) I have a disability that makes using a fill station difficult	f) I can access a water fill station without any problems
4. How far are you willing to travel to a water fill station to get free drinking water?
  - a) 1 mile
  - b) 3 miles
  - c) 5 miles

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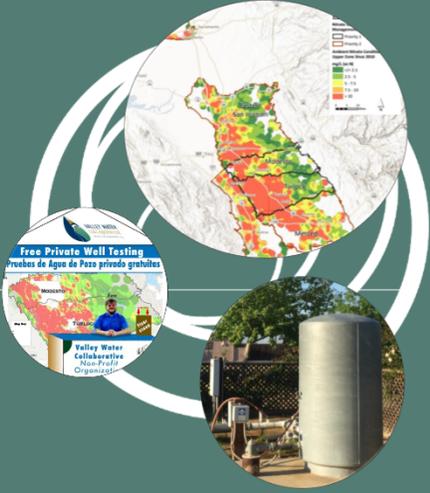
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## NEXT STEPS & VWC COORDINATION



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## KEY MILESTONES FOR EARLY ACTION PLAN DEVELOPMENT AND IMPLEMENTATION



```

    graph TD
      A([Regional Board (RB)  
Notice to Comply:  
December 29, 2023]) --> B([Submit Preliminary Management Zone Proposal (PMZP) with  
Early Action Plan:  
December 28, 2024])
      B --> C([Early Action Plan Implementation  
Begins: February 26, 2025])
      C --> D([Submit Final Management Zone Proposal  
(~December 2025)*])
      D --> E([Submit Management Zone Implementation Plan (MZIP):  
(~December 2026)*  
Includes Program to Identify Long-term Drinking Water Solutions])
      E --> F([Early Action Plan Implementation Continues until Long-term Drinking Water Solutions Implemented Under MZIP])
  
```

**We Are Here**

\* Estimated dates based on Priority 1 Area Management Zone experience

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## UPCOMING COMMUNITY PARTICIPATION OPPORTUNITIES

Community Outreach Meetings		
Event	Target Date(s)	Topic
#1	August 13 & 15	Introduce Nitrate Control Program and Development of Early Action Plan Presentation at: <a href="https://valleywaterc.org/meetings/">https://valleywaterc.org/meetings/</a>
#2	October 10	Discuss Alternatives to Provide Safe Drinking Water While Long-term Solutions are being Developed
#3	Targeting the Week of October 28	Finalize Early Action Plan Program and Present Draft Preliminary Management Zone Proposal

- Draft Early Action Plan (“Priority 2 EAP Public Draft) is currently available for review and comment at: <https://valleywaterc.org/about/>. **Submit comments to VWC by November 1**
- Additional opportunities to provide community input to program will be available after Early Action Plan implementation begins

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Questions?

## CLOSING

### FOR MORE INFORMATION

- Valley Water Collaborative [www.valleywaterc.org](http://www.valleywaterc.org)
- Contact Parry Klassen [klassenparry@gmail.com](mailto:klassenparry@gmail.com)
- Nitrate Control Program <https://www.cvsalinity.org/nitrate-program/>
- Example Management Zone Documents: <https://www.cvsalinity.org/resources/management-zone-development/>

**VWC Phone: 209-750-3867**

**VWC Email: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)**

#### Technical Team Contacts:

- Jackie Takeda: [jtakeda@geiconsultants.com](mailto:jtakeda@geiconsultants.com)
- Barbara Dalgish: [bdalgish@lsce.com](mailto:bdalgish@lsce.com)
- Richard Meyerhoff: [rmeyerhoff@geiconsultants.com](mailto:rmeyerhoff@geiconsultants.com)
- Vicki Kretsinger: [vkretsinger@lsce.com](mailto:vkretsinger@lsce.com)

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THANK YOU!

WEBSITE: [www.valleywaterc.org](http://www.valleywaterc.org)

EMAIL: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)

PHONE: 209-750-3867





# Valley Water Collaborative Nitrate Control Program

Priority 2 Groundwater Subbasins:  
Community Outreach & Engagement  
Meeting

*Housing Authority of the County of Merced  
Merced, CA  
October 29, 2024*



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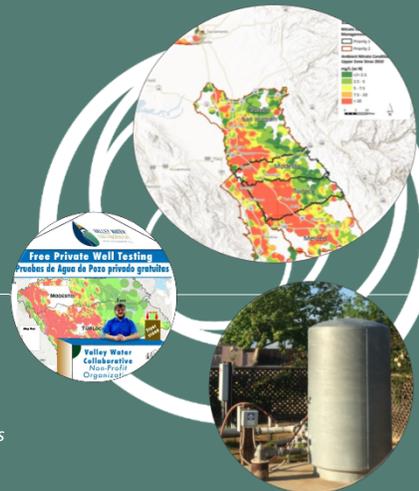
## VWC TEAM

### VWC Staff

*Parry Klassen  
Executive Director  
Outreach Team  
Eva Dwyer  
Ezra Klassen  
Jesus Nunez  
Maureen Thompson*

### Consultants

*GEI Consultants  
Jackie Takeda  
Richard Meyerhoff  
Luhdorff & Scalmanini Consulting Engineers  
Barbara Dalgish  
Vicki Kretsinger*



8/15/22

2

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# MEETING AGENDA

- Introduction
- What is the Nitrate Control Program?
  - Regulatory Requirements
  - Source of Drinking Water
  - Areas with Elevated Nitrate Levels in Delta-Mendota, Madera & Merced Subbasins
- Early Action Plan (Available for Public Review)
  - Plan Content & Key Elements
  - Options for Replacement Water
  - Nitrate Well Testing Program
- Next Steps & VWC Coordination



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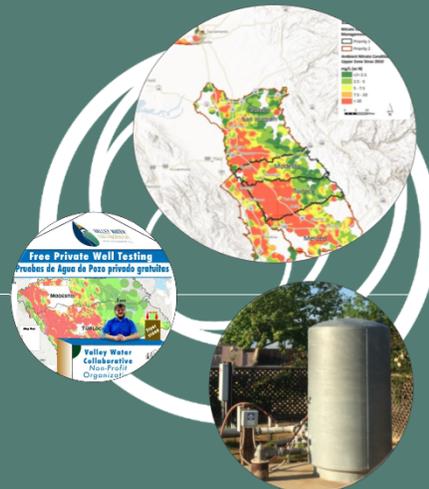
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# INTRODUCTION

- Valley Water Collaborative



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## VALLEY WATER COLLABORATIVE STRUCTURE

### We are a non-profit organization...

- Formed to implement Management Zone approach to address nitrate contamination of groundwater drinking water supplies
- Modesto administrative office



### Mission

To maintain and improve the quality of life in the northern San Joaquin Valley by **implementing programs that provide access to safe drinking water for residents**, and by engaging in activities with the goal of **protecting or enhancing the quality of groundwater used as drinking water** for residents in the region.

11/21/2024

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## VALLEY WATER COLLABORATIVE BOARD OF DIRECTORS

### 12 Board Members

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## VWC EFFORTS TO ADDRESS NITRATE CONTAMINATION IN DRINKING WATER SINCE 2021

VWC Activities in Modesto/Turlock Management Zones:

- Program began in May 2021 (Priority 1 areas)
- Progress to date (as of September 2024):
  - **1,374** well testing applications
  - **820** wells tested for nitrate + other contaminants
  - **587** households receiving bottled water
  - **Year 3+** of SAFER grant support to test for additional contaminants

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**Tested by VWC since 2021**

8

## WHY ARE WE HERE TODAY?

- **Explain how proposed Management Zones plan to address nitrate in drinking water**

- Many small communities and rural residents rely on groundwater for drinking water
- It may not be possible to safely use this groundwater for drinking water when nitrate levels are high
- We want to work with you to develop short-term solutions now (through Early Action Plan) and later through development of long-term solutions to address nitrate concerns in these Management Zones
- This is our third community outreach meeting to provide you information on this program



- **Present Draft Early Action Plan (EAP) currently available for public comment**

- Go to <https://valleywaterc.org/about/> to review the Draft EAP. Comments due November 1.

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9

## WHAT IS A MANAGEMENT ZONE AND HOW CAN I BE INVOLVED?

- **Valley Water Collaborative has begun the process to:**
  - Bring safe drinking water to your community, where needed
  - Work with communities to tailor local solutions
- **We want your involvement!**
  - Nitrate discharge sources already involved:
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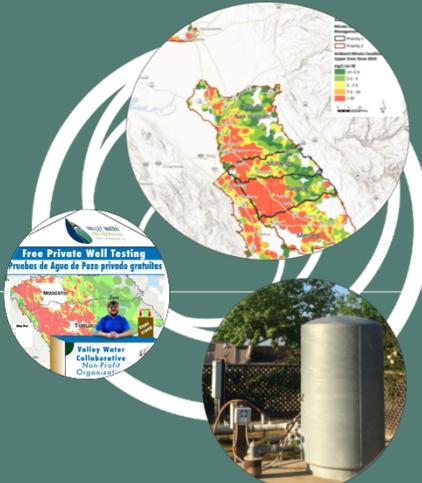
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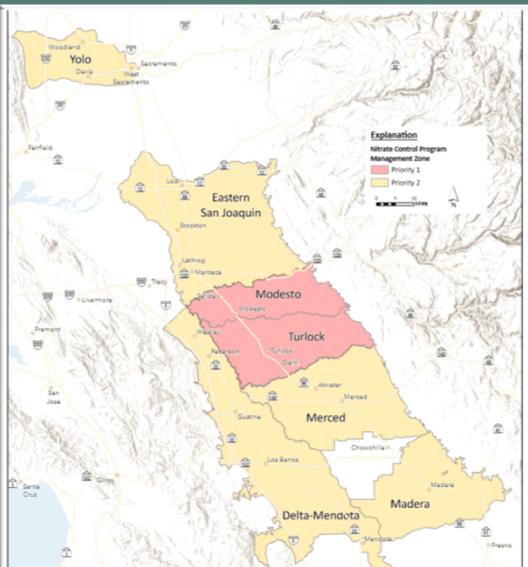


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## ESTIMATED NITRATE LEVELS: DELTA-MENDOTA SUBBASIN

### Ambient Nitrate Conditions in the Upper Zone Since 2010

	<= 2.5
	2.5 - 5
	5 - 7.5
	7.5 - 10
	> 10
	Unknown

**Public Water System Boundary**

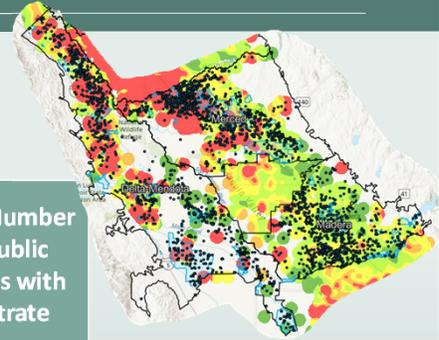
**Domestic Wells**

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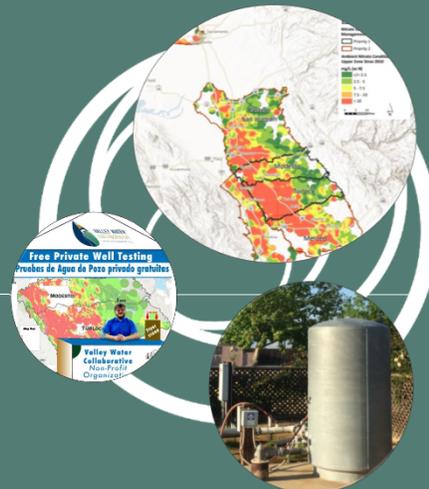
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## EARLY ACTION PLAN

- Jackie Takeda, GEI Consultants



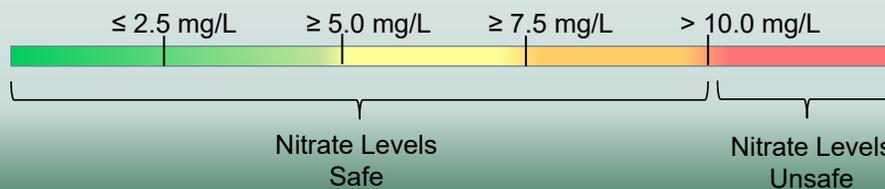
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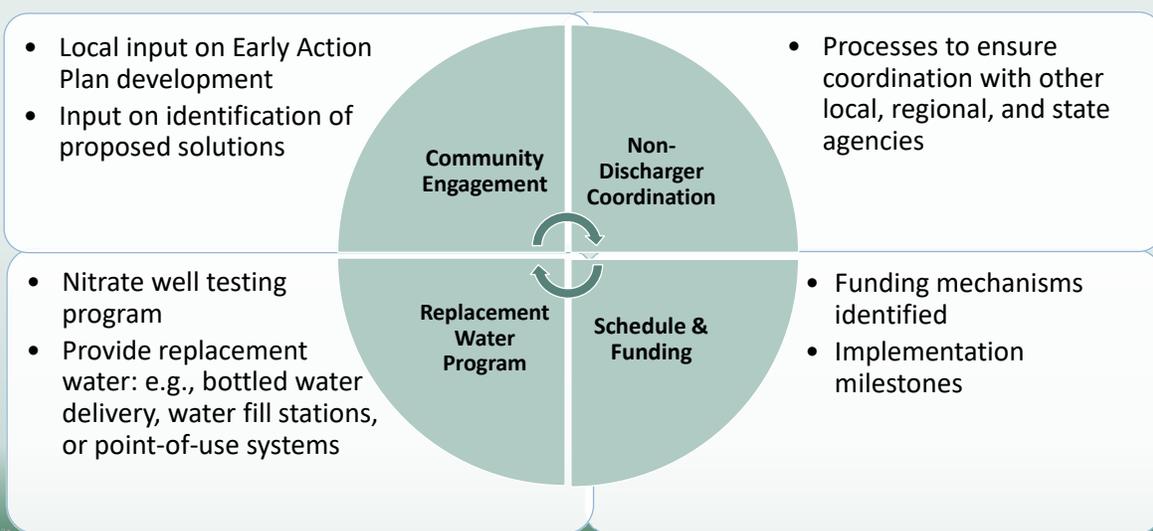


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## KEY ELEMENTS OF THE EARLY ACTION PLAN



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## EARLY ACTION PLAN (EAP) – PUBLIC DRAFT

**Key Elements of Table of Contents**

**Executive Summary**  
**Resumen Ejecutivo** } ←

1. Background and Purpose
2. Community Outreach to Develop Early Action Plan
3. Identification of Potentially Impacted Groundwater Users
4. Process to Identify Potentially Affected Areas
5. Community Outreach During EAP Implementation
6. Interim Replacement Water Program
  - 6.1 Tailored Water Delivery Program
  - 6.2 Centralized Water Delivery Program: Water Fill Stations
  - 6.3 Residential Well Testing Program
7. Early Action Plan Implementation

*Concise Summary of Program – How to Contact the VWC*

*Opportunities to Participate*

- *Free Well Testing*
- *How to Obtain Replacement Water*

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## WHAT OPTIONS ARE BEING CONSIDERED TO PROVIDE SAFE DRINKING WATER?



Home Bottled Water Delivery



Install Point-of-Use Treatment System in Your Home



Visit Local Water Fill Station to Fill Water Bottles

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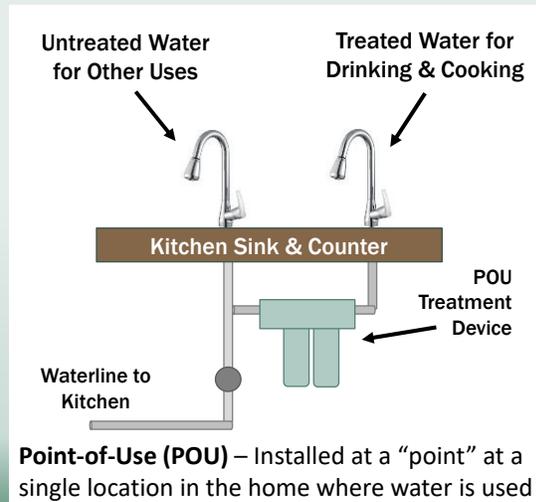
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Source: Kings River Water Quality Coalition

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## WELL TESTING PROGRAM

A residence with a domestic well located in a VWC Priority 2 Proposed Management Zone may receive bottled water delivery or installation of a POU treatment system if the resident can answer yes to the following three statements:

1. *My home is in a VWC Priority 2 Proposed Management Zone (Delta-Mendota, Eastern San Joaquin, Madera, Merced, or Yolo);*
2. *I am willing to sign an agreement with the service provider; and*
3. *My well has unsafe nitrate levels (> 10 mg/L-N) as determined by a water quality analysis conducted by a certified laboratory.*

**If you do not know if your well water has unsafe nitrate levels, you can contact the VWC and a VWC representative will test your well at no cost to you.**

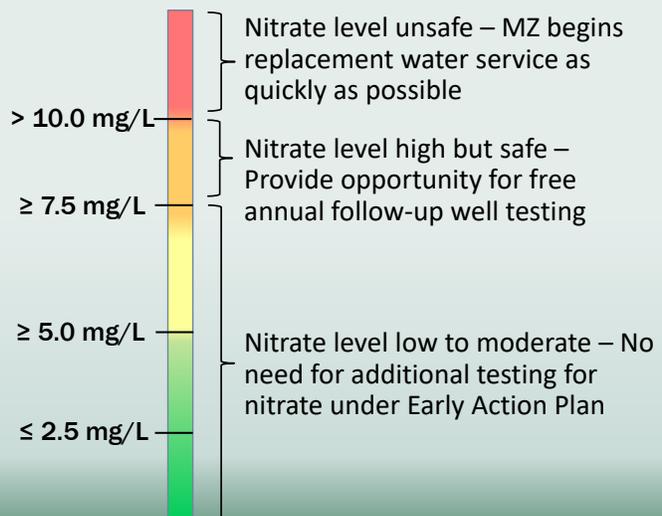
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## WELL TESTING PROGRAM STEPS

- Request a well test (apply online, by phone or email)
- After the VWC approves the well test, a representative will come to your home to test your well water for nitrate at no cost to you
  - Results will be provided to you
  - Test results determine next steps
- Note: MZ may be able to test for other contaminants if state funding continues to be available



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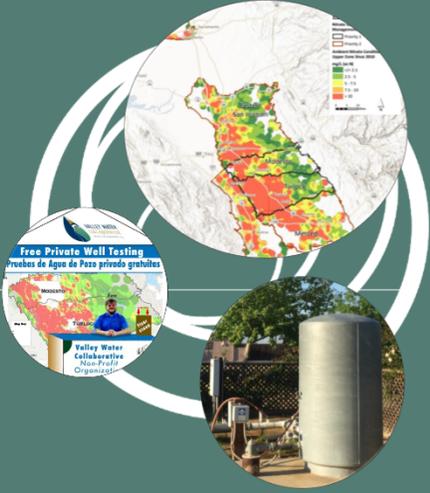
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## NEXT STEPS & VWC COORDINATION



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## KEY MILESTONES FOR EARLY ACTION PLAN DEVELOPMENT AND IMPLEMENTATION



```

    graph TD
      A([Regional Board (RB)  
Notice to Comply:  
December 29, 2023]) --> B([Submit Preliminary  
Management Zone  
Proposal (PMZP) with  
Early Action Plan:  
December 28, 2024])
      B --> C([Submit Final  
Management Zone  
Proposal  
~December 2025*])
      C --> D([Submit Management Zone  
Implementation Plan (MZIP):  
~December 2026*])
      C --> E([Early Action Plan  
Implementation  
Begins: February 26,  
2025])
      E --> F([Implementation Continues  
until Long-term Drinking  
Water Solutions Implemented  
Under MZIP])
      G[We Are Here] -.-> B
  
```

\* Estimated dates based on Priority 1 Area Management Zone experience

11/21/2024

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## UPCOMING COMMUNITY PARTICIPATION OPPORTUNITIES

Community Outreach Meetings		
Event	Date(s)	Topic
#1	August 13 & 15	Introduce Nitrate Control Program and Development of Early Action Plan
#2	October 10	Discuss Alternatives to Provide Safe Drinking Water While Long-term Solutions are being Developed. Draft Early Action Plan available for review at: <a href="https://valleywaterc.org/about/">https://valleywaterc.org/about/</a> . <b>Submit comments to VWC by November 1</b>
#3	October 29 & 30	Review Draft Early Action Plan and Discuss Next Steps in Development of Preliminary Management Zone Proposal (PMZP)

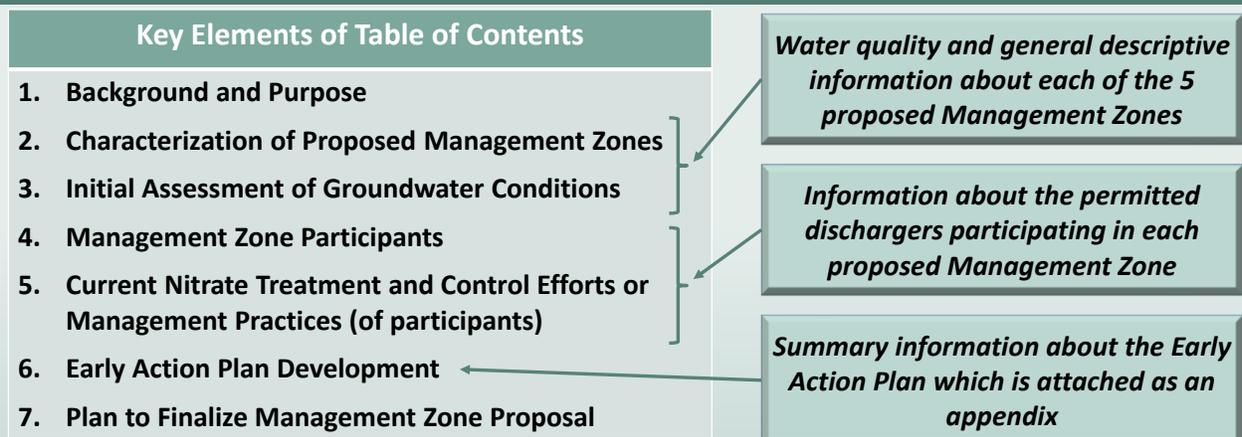
- Previous presentations at: <https://valleywaterc.org/meetings/>
- Opportunity to review and comment on Draft PMZP coming soon
- Additional opportunities to provide community input to program will be available after Early Action Plan implementation begins in February 2025

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## PRELIMINARY MANAGEMENT ZONE PROPOSAL (PMZP)



**Opportunity to review Public Draft PMZP soon: Currently planned to occur from November 22 to December 9**

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## CLOSING

### Questions?

#### FOR MORE INFORMATION

- Valley Water Collaborative [www.valleywaterc.org](http://www.valleywaterc.org)
- Contact Parry Klassen [klassenparry@gmail.com](mailto:klassenparry@gmail.com)
- Nitrate Control Program <https://www.cvsalinity.org/nitrate-program/>
- Example Management Zone Documents: <https://www.cvsalinity.org/resources/management-zone-development/>

**VWC Phone: 209-750-3867**  
**VWC Email: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)**

**Technical Team Contacts:**

- Jackie Takeda: [jtakeda@geiconsultants.com](mailto:jtakeda@geiconsultants.com)
- Barbara Dalgish: [bdalgish@lsce.com](mailto:bdalgish@lsce.com)
- Richard Meyerhoff: [rmeyerhoff@geiconsultants.com](mailto:rmeyerhoff@geiconsultants.com)
- Vicki Kretsinger: [vkretsinger@lsce.com](mailto:vkretsinger@lsce.com)

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## THANK YOU!

WEBSITE: [www.valleywaterc.org](http://www.valleywaterc.org)  
 EMAIL: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)  
 PHONE: 209-750-3867



**VALLEY WATER  
COLLABORATIVE**  
[www.valleywaterc.org](http://www.valleywaterc.org)

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# Valley Water Collaborative Nitrate Control Program

## Priority 2 Groundwater Subbasins: Community Outreach & Engagement Meeting

*San Joaquin Farm Bureau Federation, Stockton CA  
October 30, 2024*



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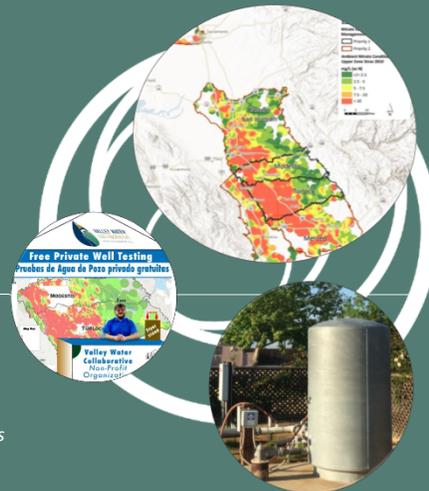
## VWC TEAM

### VWC Staff

*Parry Klassen  
Executive Director  
Outreach Team  
Eva Dwyer  
Ezra Klassen  
Jesus Nunez  
Maureen Thompson*

### Consultants

*GEI Consultants  
Jackie Takeda  
Richard Meyerhoff  
Lohdorff & Scalmanini Consulting Engineers  
Barbara Dalgish  
Vicki Kretsinger*



8/15/22

2

2

# MEETING AGENDA

- Introduction
- What is the Nitrate Control Program?
  - Regulatory Requirements
  - Source of Drinking Water
  - Areas with Elevated Nitrate Levels in Eastern San Joaquin and Yolo Groundwater Subbasins
- Early Action Plan (Available for Public Review)
  - Plan Content & Key Elements
  - Options for Replacement Water
  - Nitrate Well Testing Program
- Next Steps & VWC Coordination



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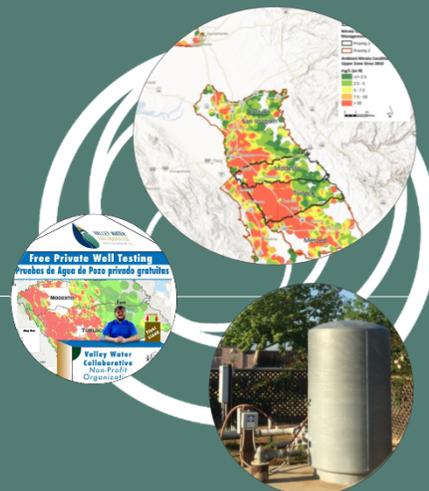
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# INTRODUCTION

- Valley Water Collaborative



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## VALLEY WATER COLLABORATIVE STRUCTURE

### We are a non-profit organization...

- Formed to implement Management Zone approach to address nitrate contamination of groundwater drinking water supplies
- Modesto administrative office



### Mission

*To maintain and improve the quality of life in the northern San Joaquin Valley by **implementing programs that provide access to safe drinking water for residents**, and by engaging in activities with the goal of **protecting or enhancing the quality of groundwater used as drinking water** for residents in the region.*

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## VALLEY WATER COLLABORATIVE BOARD OF DIRECTORS

### 12 Board Members

- 3 irrigated agriculture
- 3 food processor/winery
- 2 dairy industry
- 1 poultry
- 3 cities



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VALLEY WATER COLLABORATIVE

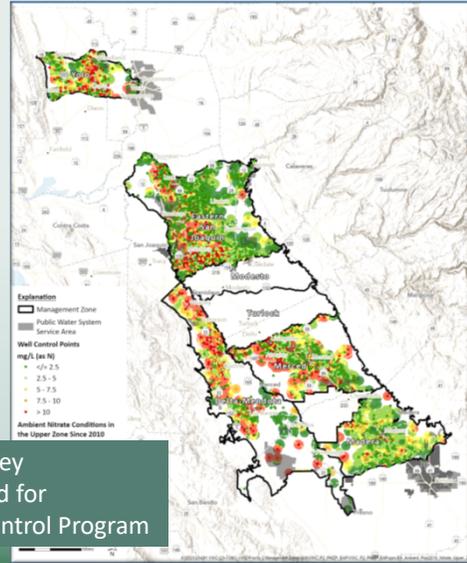
# NITRATE CONTROL PROGRAM: PRIORITY AREAS\*

VWC was formed in 2020 to support the **Priority 1** Management Zone areas in the Central Valley to:

- Address nitrate contamination thru waste management improvements (via permit holder actions)
- Provide well testing and replacement water for private wells with nitrate exceedances (supported by permit holders)

VWC has expanded to include five **Priority 2** areas:

- Yolo
- Eastern San Joaquin
- Delta-Mendota
- Merced
- Madera



\* "Priority Areas" are Central Valley groundwater subbasins prioritized for implementation of the Nitrate Control Program

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## VWC EFFORTS TO ADDRESS NITRATE CONTAMINATION IN DRINKING WATER SINCE 2021

VWC Activities in Modesto/Turlock Management Zones:

- Program began in May 2021 (Priority 1 areas)
- Progress to date (as of September 2024):
  - **1,374** well testing applications
  - **820** wells tested for nitrate + other contaminants
  - **587** households receiving bottled water
  - **Year 3+** of SAFER grant support to test for additional contaminants

**Identical program begins February 26, 2025 in all Priority 2 proposed Management Zones**



**Tested by VWC since 2021**

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## WHY ARE WE HERE TODAY?

- **Explain how proposed Management Zones plan to address nitrate in drinking water**

- Many small communities and rural residents rely on groundwater for drinking water
- It may not be possible to safely use this groundwater for drinking water when nitrate levels are high
- We want to work with you to develop short-term solutions now (through Early Action Plan) and later through development of long-term solutions to address nitrate concerns in these Management Zones
- This is our third community outreach meeting to provide you information on this program



- **Present Draft Early Action Plan (EAP) currently available for public comment**

- Go to <https://valleywaterc.org/about/> to review the Draft EAP. Comments due November 1.

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## WHAT IS A MANAGEMENT ZONE AND HOW CAN I BE INVOLVED?

- **Valley Water Collaborative has begun the process to:**
  - Bring safe drinking water to your community, where needed
  - Work with communities to tailor local solutions
- **We want your involvement!**
  - Nitrate discharge sources already involved:
    - Irrigated agriculture
    - Dairies/poultry
    - Urban wastewater treatment facilities
    - Food processors/wineries



***We are seeking your input on drinking water solutions!***

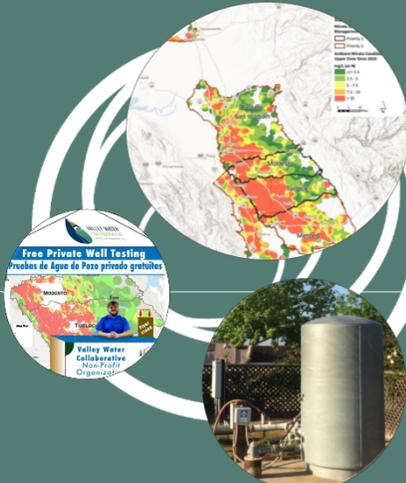
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## WHAT IS THE NITRATE CONTROL PROGRAM?

- Jackie Takeda, GEI Consultants

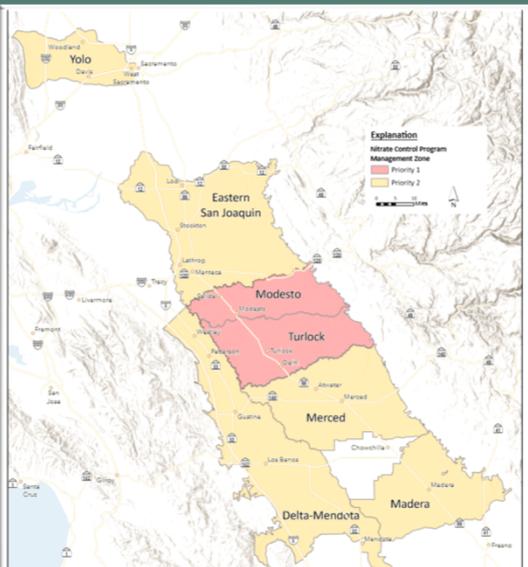


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## NITRATE CONTROL PROGRAM OVERVIEW

- Nitrate Control Program is a regulation\* that will help resolve problems with nitrate in our area. We have three goals:
  - Provide safe drinking water supplies
  - Reduce nitrate impacts to water supplies
  - Restore groundwater quality, where reasonable, feasible, and practicable
- First step: Stakeholders formed the Valley Water Collaborative (VWC) in 2020 to serve Priority 1 designated areas
- Next step: VWC now expanding its efforts into Priority 2 designated areas



\* <https://www.cvsalinity.org/nitrate-control-program.html>

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## WHY DOES THIS MATTER TO ME?

- Human Right to Water (AB685) California Policy:

*“Every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.”*



- Nitrate – tasteless, odorless, can't boil it out of your water, at high levels it reduces your blood's ability to absorb oxygen
- Nitrate contamination is prevalent in some areas in the Central Valley



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## HOW MIGHT THESE CONDITIONS AFFECT YOU?



- Where do you get your drinking water from?
  - Private Domestic Wells (likely untreated)
  - Public Water System (hopefully treated and/or safe to drink)
- What are we doing to help you find out if your drinking water comes from an area with elevated nitrate?
  - Characterizing nitrate water quality in groundwater in your area
  - Identifying domestic wells in areas with potentially elevated nitrate levels

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## WHERE IS GROUNDWATER IMPACTED BY NITRATE?

- Data Gathering:
  - Collecting groundwater nitrate data from public and county databases
  - Focusing on recent water quality data (since 2010)
  - Categorizing nitrate data by well depth
- Estimate nitrate levels in groundwater between known data points
- Develop maps of current nitrate conditions in the Upper Zone (where your domestic well most likely pumps water)

\* “Elevated Nitrate Areas” means areas in orange and red on the map where nitrate levels are > 7.5 mg/L as N (based on nitrate maximum contaminant level of 10 mg/L as N)

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## ESTIMATED NITRATE LEVELS: EASTERN SAN JOAQUIN SUBBASIN

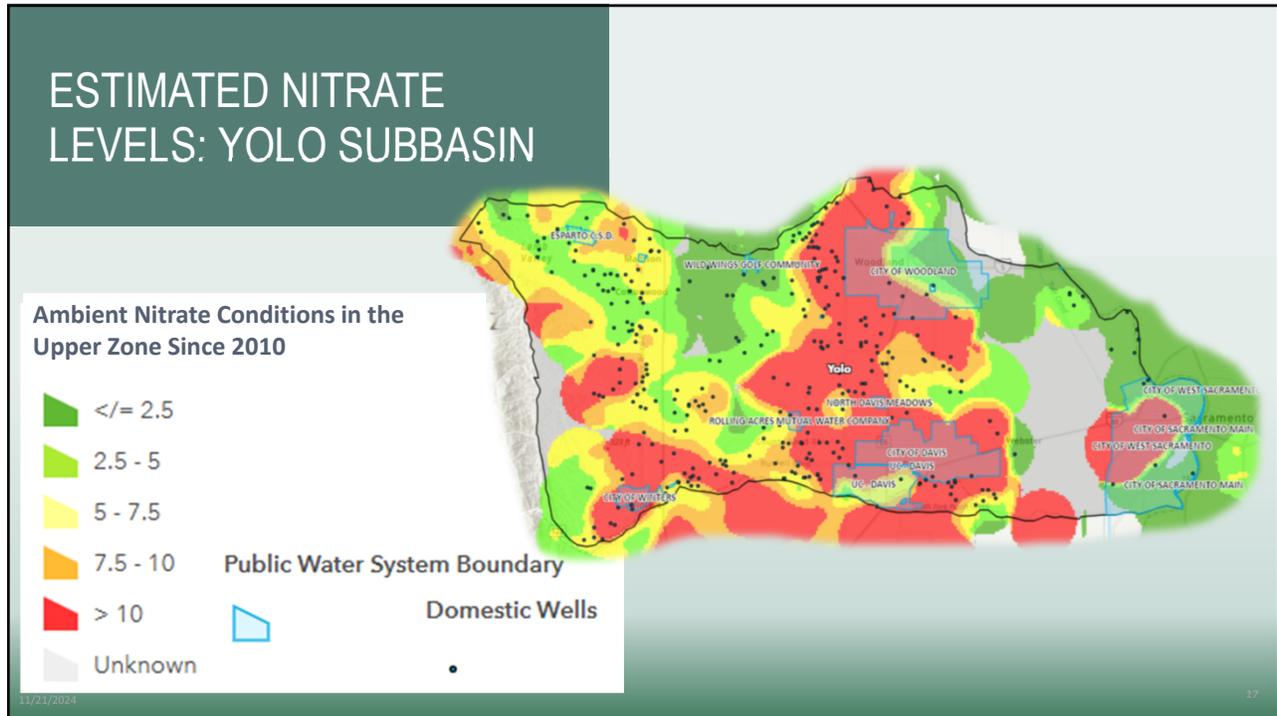
**Ambient Nitrate Conditions in the Upper Zone Since 2010**

	<= 2.5
	2.5 - 5
	5 - 7.5
	7.5 - 10
	> 10
	Unknown

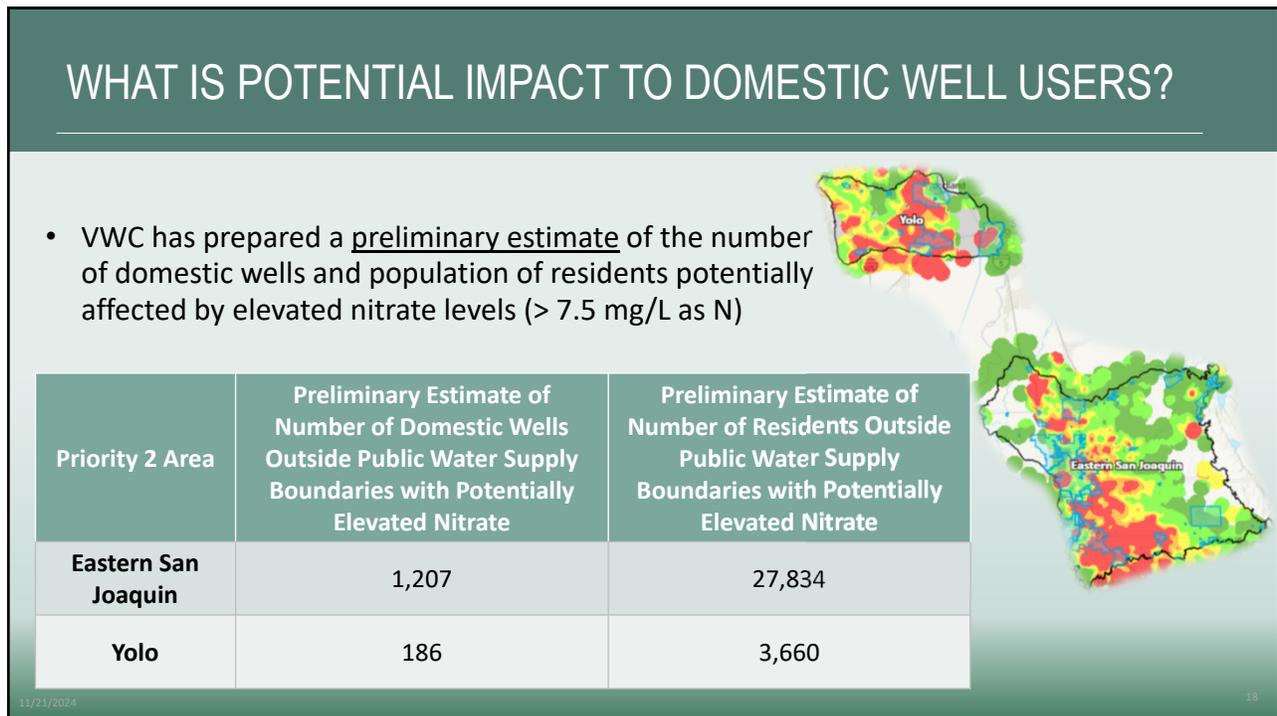
Public Water System Boundary

Domestic Wells

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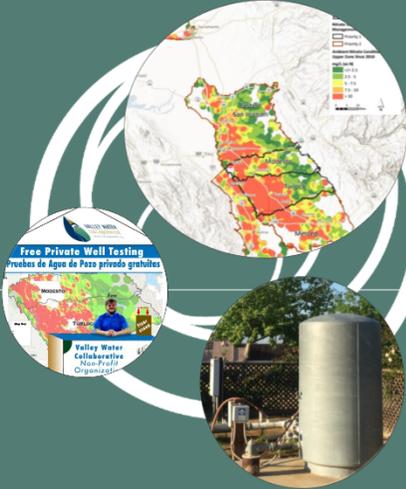
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## EARLY ACTION PLAN

- Jackie Takeda, GEI Consultants



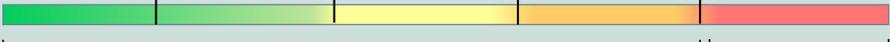
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## WHAT IS AN EARLY ACTION PLAN?

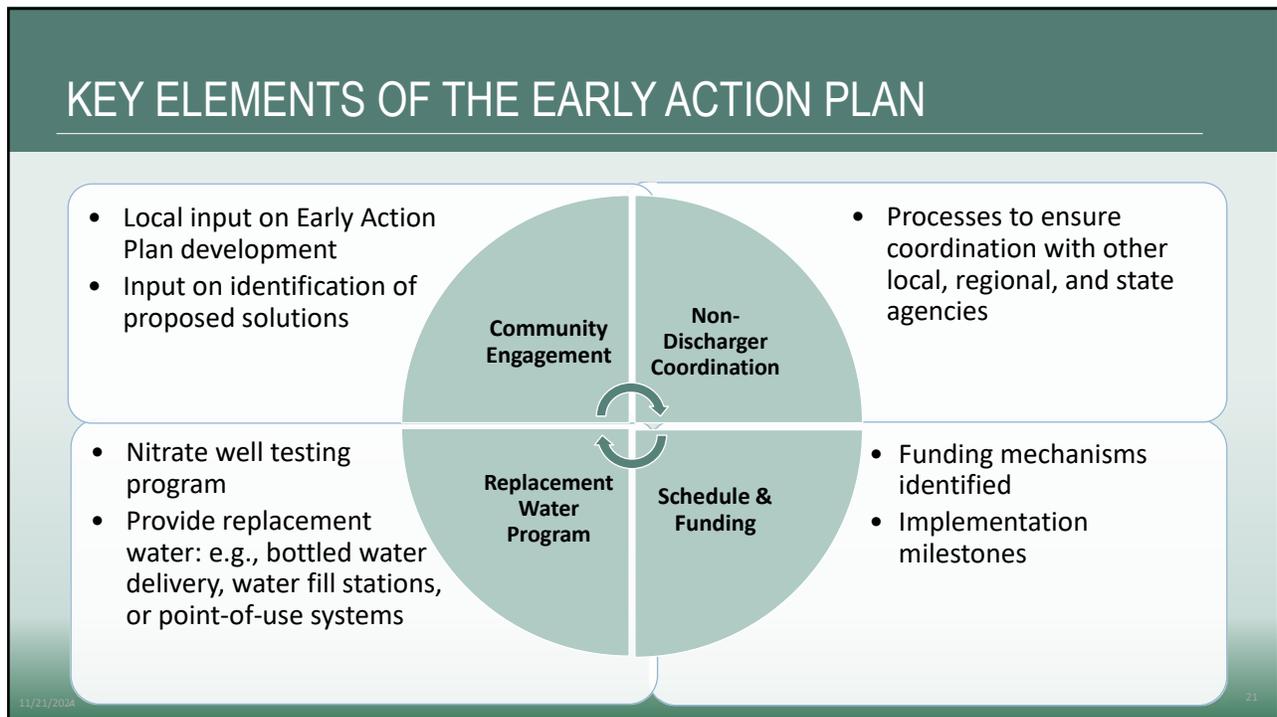
- The Management Zone is required to develop and implement short- and long-term solutions to ensure residents have access to safe drinking water in areas impacted by unsafe nitrate levels
- The Early Action Plan is the Management Zone’s plan to test wells to determine if they are impacted by nitrate and where needed provide access to safe drinking water
- Draft Early Action Plan (“Priority 2 EAP Public Draft”) is currently available for review and comment at:  
<https://valleywaterc.org/about/>



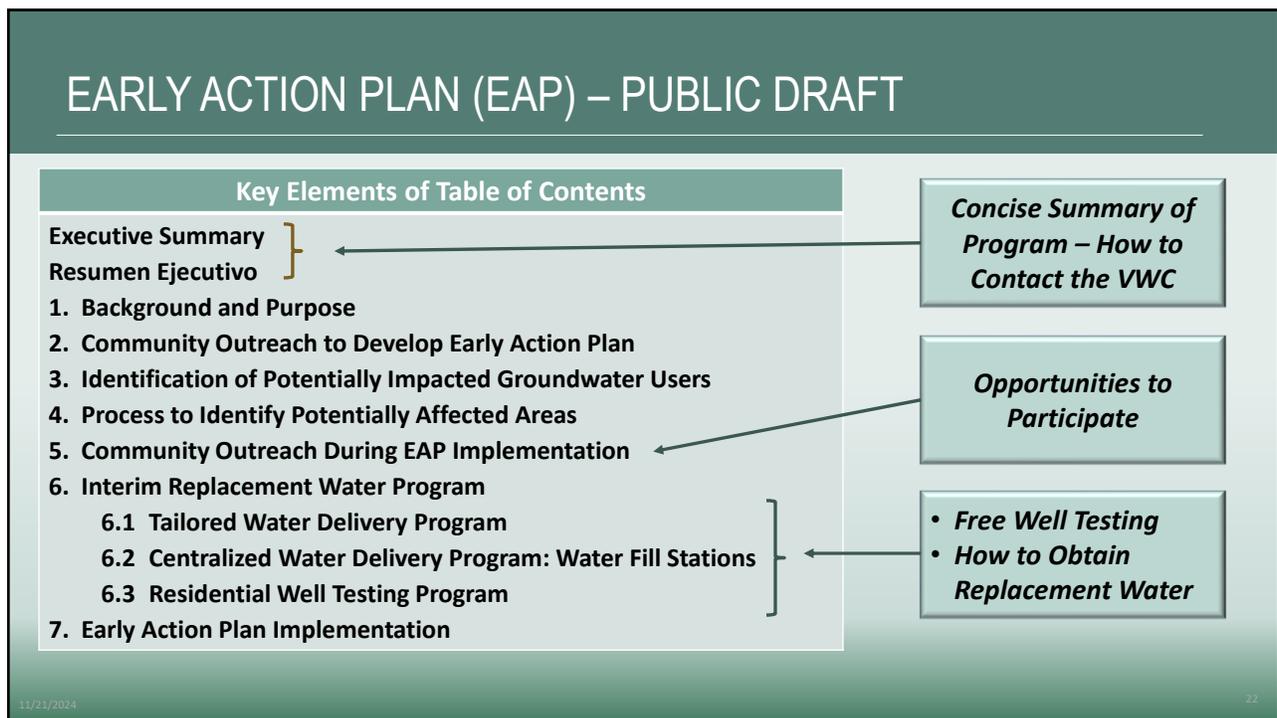
≤ 2.5 mg/L	≥ 5.0 mg/L	≥ 7.5 mg/L	> 10.0 mg/L
			
Nitrate Levels Safe			Nitrate Levels Unsafe

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## WHAT OPTIONS ARE BEING CONSIDERED TO PROVIDE SAFE DRINKING WATER?



Home Bottled Water Delivery



Install Point-of-Use Treatment System in Your Home



Visit Local Water Fill Station to Fill Water Bottles

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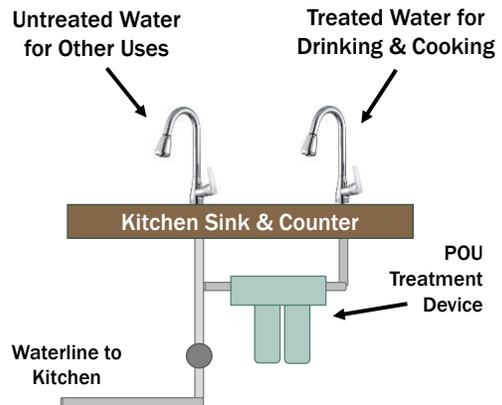
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## BOTTLED WATER AND POINT OF USE SYSTEMS



### Home Bottled Water Delivery –

- Bottled water is delivered directly to your home
- Program is managed by the Management Zone, but resident works with the Management Zone’s vendor to coordinate services
- Volume, frequency of delivery based on household needs



**Point-of-Use (POU)** – Installed at a “point” at a single location in the home where water is used

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## WATER FILL STATIONS

- Vending machine or kiosk that dispenses drinking water
- Source of water to the station is a municipal water supply that provides safe drinking water
- Water is provided at no cost to the user
- Station allows use of water containers up to 5-gallons in size
- User may bring as many empty containers to fill as needed



Source: Kings River Water Quality Coalition

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## WELL TESTING PROGRAM

A residence with a domestic well located in a VWC Priority 2 Proposed Management Zone may receive bottled water delivery or installation of a POU treatment system if the resident can answer yes to the following three statements:

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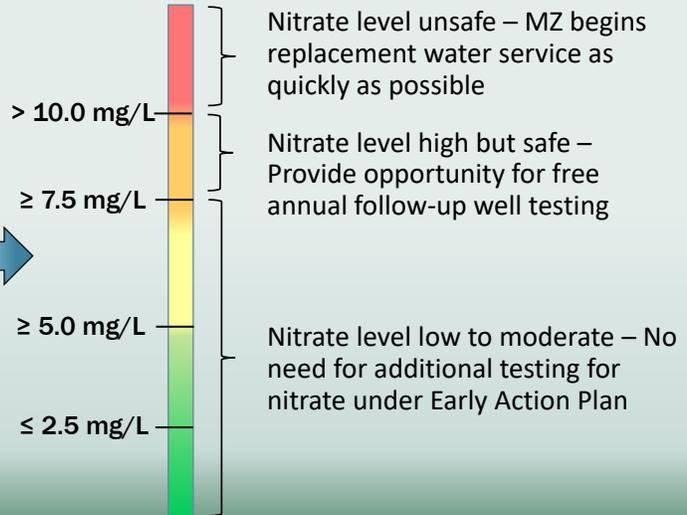
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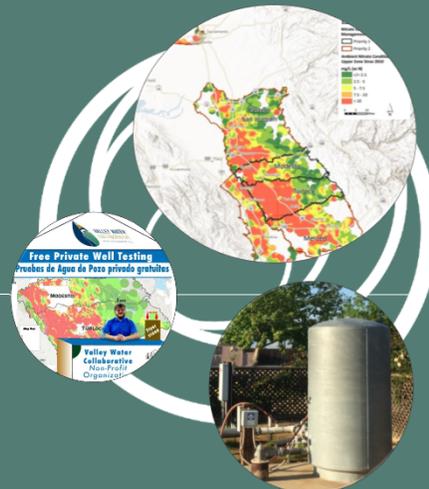
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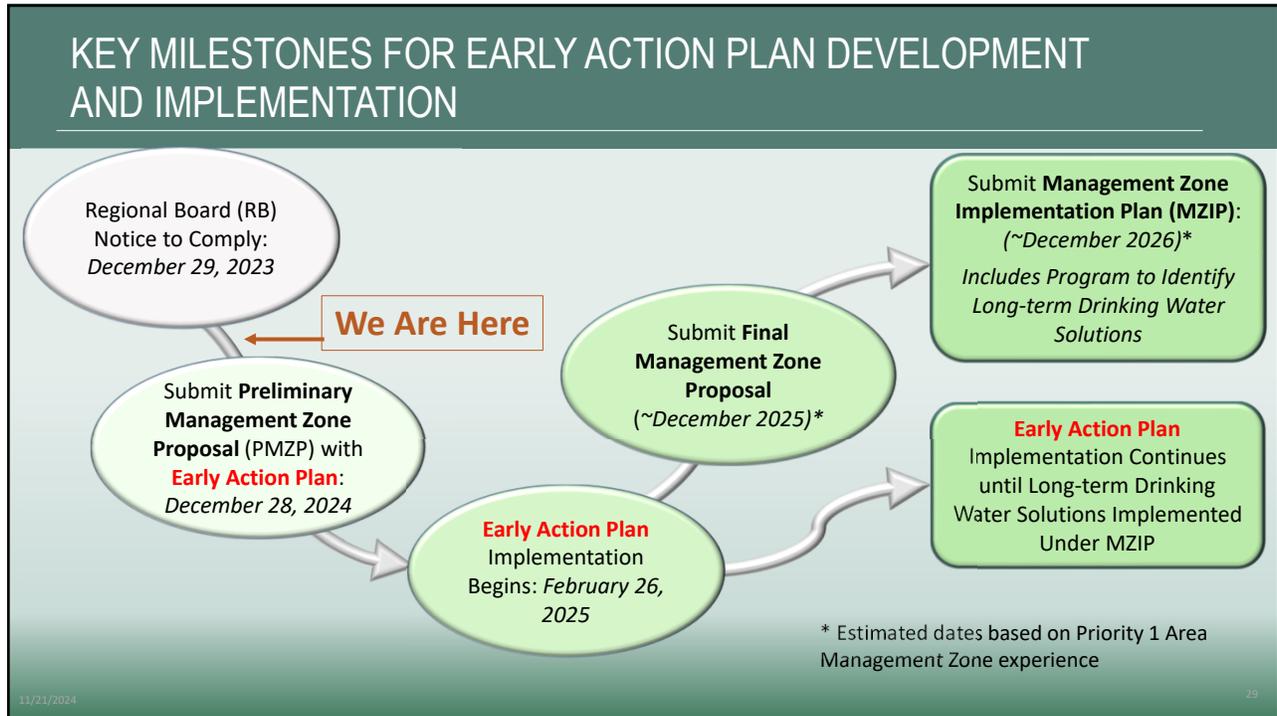
## NEXT STEPS & VWC COORDINATION



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## UPCOMING COMMUNITY PARTICIPATION OPPORTUNITIES

Community Outreach Meetings		
Event	Date(s)	Topic
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#3	October 29 & 30	Review Draft Early Action Plan and Discuss Next Steps in Development of Preliminary Management Zone Proposal (PMZP)

- Previous presentations at: <https://valleywaterc.org/meetings/>
- Opportunity to review and comment on Draft PMZP coming soon
- Additional opportunities to provide community input to program will be available after Early Action Plan implementation begins in February 2025

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# PRELIMINARY MANAGEMENT ZONE PROPOSAL (PMZP)

### Key Elements of Table of Contents

1. Background and Purpose
2. Characterization of Proposed Management Zones
3. Initial Assessment of Groundwater Conditions
4. Management Zone Participants
5. Current Nitrate Treatment and Control Efforts or Management Practices (of participants)
6. Early Action Plan Development
7. Plan to Finalize Management Zone Proposal

*Water quality and general descriptive information about each of the 5 proposed Management Zones*

*Information about the permitted dischargers participating in each proposed Management Zone*

*Summary information about the Early Action Plan which is attached as an appendix*

**Opportunity to review Public Draft PMZP soon: Currently planned to occur from November 22 to December 9**

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## Questions?

## CLOSING

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### FOR MORE INFORMATION

- Valley Water Collaborative [www.valleywaterc.org](http://www.valleywaterc.org)
- Contact Parry Klassen [klassenparry@gmail.com](mailto:klassenparry@gmail.com)
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**Technical Team Contacts:**

- Jackie Takeda: [jtakeda@geiconsultants.com](mailto:jtakeda@geiconsultants.com)
- Barbara Dalgish: [bdalgish@lsce.com](mailto:bdalgish@lsce.com)
- Richard Meyerhoff: [rmeyerhoff@geiconsultants.com](mailto:rmeyerhoff@geiconsultants.com)
- Vicki Kretsinger: [vkretsinger@lsce.com](mailto:vkretsinger@lsce.com)

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THANK YOU!

WEBSITE: [www.valleywaterc.org](http://www.valleywaterc.org)  
EMAIL: [contact@valleywaterc.org](mailto:contact@valleywaterc.org)  
PHONE: 209-750-3867



## **Appendix H-2: Public Meeting Notices**

# Free Private Well Testing Program Pre-Rollout Planning Begins

A program offering free well testing for nitrate and free replacement water is beginning its fourth year in the Modesto/Turlock region. 700+ wells have been tested: 500+ residences are receiving free bottled water delivered to their homes.

Beginning March 1, 2025, Valley Water Collaborative (VWC) is expanding its successful program to four more groundwater basins: Eastern San Joaquin, Delta Mendota, Merced and Madera.

VWC is seeking input on its rollout plan and is inviting interested community members located in those areas to participate in either of two virtual workshops.

Input from local residents, organizations and entities is important to ensure outreach is targeted to households that may have high nitrate in their private wells.

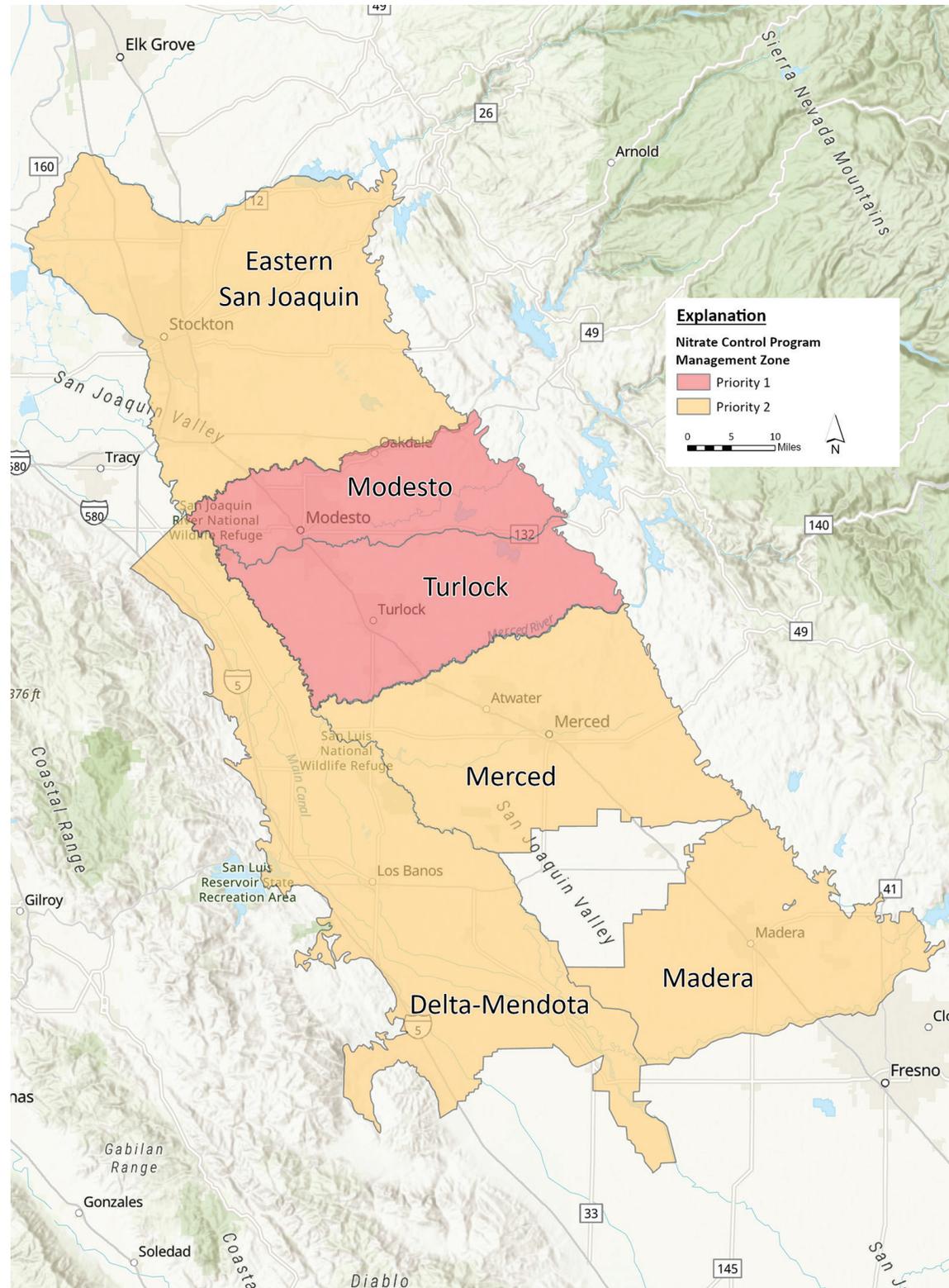
Additional community outreach workshops will be scheduled in the months prior to the final VWC plan submittal to the Regional Water Quality Control Board on December 28, 2024.

See dates below for upcoming virtual workshops (content repeated in both meetings). Spanish translation available.

**August 13, 2-3:30 pm**

**August 15, 6-7:30 pm**

Request meeting call-in information by emailing [contact@valleywaterc.org](mailto:contact@valleywaterc.org). Receive VWC emails by signing up at <https://valleywaterc.org/connect/>



1201 L Street, Modesto, Ca 95354

[valleywaterc.org](https://valleywaterc.org)

# Comienza la Planificación Previa al Lanzamiento del Programa Gratuito de Pruebas de Pozos Privados

Un programa que ofrece pruebas gratuitas de nitrato en pozos y reemplazo gratuito de agua está comenzando su cuarto año en la región de Modesto/Turlock. Se han probado más de 700 pozos: más de 500 residencias reciben agua embotellada gratuita en sus hogares.

A partir del 1 de Marzo de 2025, Valley Water Collaborative (VWC) está ampliando su exitoso programa a cuatro cuencas de agua subterránea más: Este de San Joaquín, Delta Mendota, Merced y Madera.

VWC está buscando opiniones sobre su plan de implementación y está invitando a los miembros interesados de la comunidad ubicados en esas áreas a participar en cualquiera de los dos talleres virtuales.

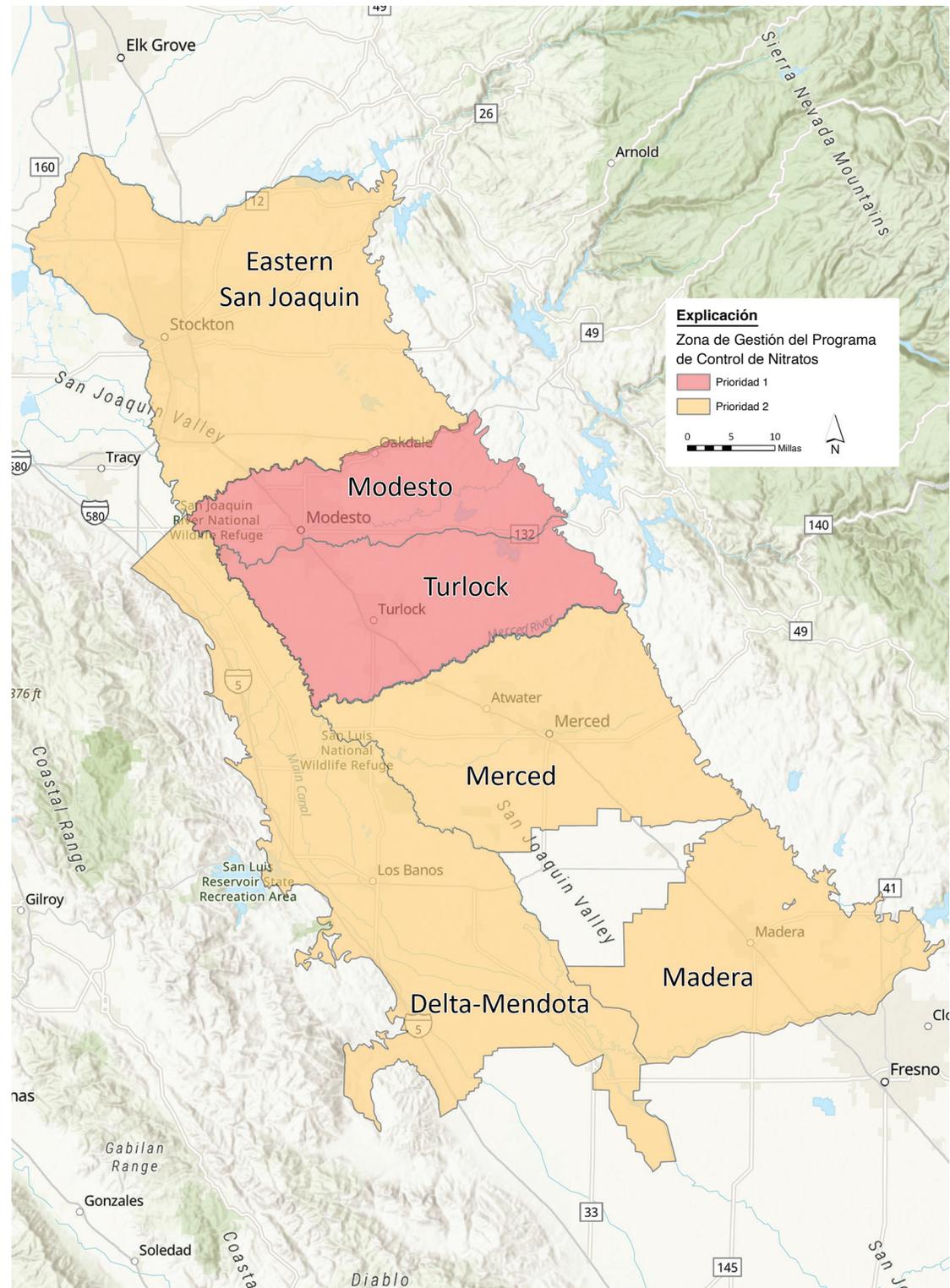
Los aportes de los residentes, organizaciones y entidades locales son importantes para garantizar que la extensión se dirija a los hogares que pueden tener altos niveles de nitrato en sus pozos privados.

Se programarán talleres adicionales de extensión comunitaria en los meses antes de la presentación final del plan de VWC a la Junta Regional de Control de Calidad del Agua el 28 de Diciembre de 2024.

Solicite información sobre los talleres enviando un correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org). Reciba correos electrónicos de VWC registrándose en <https://valleywaterc.org/connect/>

13 de Agosto, 2-3:30 p.m.

15 de Agosto, 6-7:30 pm



1201 L Street, Modesto, Ca 95354



[valleywaterc.org](https://valleywaterc.org)

**From:** Valley Water Collaborative <contact@valleywaterc.org>  
**Sent:** Sunday, August 11, 2024 7:30 PM  
**To:**  
**Subject:** [EXT] VWC Community Outreach Meeting, Join Us!



## Valley Water Collaborative Community and Stakeholder Meeting

Tuesday, August 13<sup>th</sup>, 2-3:30 pm and  
Thursday, August 15<sup>th</sup>, 6-7:30 pm

Greetings Community Organizations and Stakeholders!

As you may have heard, Valley Water Collaborative is expanding its administration of Management Zones to four more groundwater basins in the northern San Joaquin Valley: Eastern San Joaquin, Delta-Mendota, Merced, and Madera. This expansion comes after three years of operating a successful program in the Modesto and Turlock groundwater basins.

We've scheduled the first in a series of community outreach meetings next week: Tuesday August 13th (2:00-3:30 pm) and Thursday August 15th (6:00-7:30 pm). These are virtual Zoom meetings where we will introduce the program and outreach plans for getting the word out about free well testing and replacement water coming to the basins in 2025. The content will be relevant for all four basins who have joined VWC.

The first step for each basin is developing a local Preliminary Management Zone Proposal for the Central Valley Water Board. This plan will describe steps to supply clean drinking water to residents impacted by nitrate contamination of the groundwater pumped from their private wells.

During the plan development, VWC will be seeking input from local communities and stakeholders. Localized outreach in each basin will continue after the plan is accepted to ensure program awareness among residents in impacted communities.

Below is the agenda for the virtual meetings (same content for both meetings). Please join us at the zoom links below. Visit VWC's website for more information on our existing program:  
<https://valleywaterc.org/>.

During and after the presentation, participants are encouraged to ask questions. If you have questions before the meeting, don't hesitate to call or email us.

Hopefully we will "see" you all!

Parry

Parry Klassen  
Executive Director  
Valley Water Collaborative  
klassenparry@gmail.com  
559-288-8125

### ZOOM MEETING DETAILS:

(Please note: Meeting details are different each day)

#### Date: Tuesday, August 13th, 2:00-3:30 pm

- **Join by Computer:**  
<https://us06web.zoom.us/j/82467110597?pwd=DrFjk4dADCAQPcJg6Q9Hn6mUdP0Gzf.1>  
Meeting ID: 824 6711 0597  
Passcode: 769069
- **Join by Phone:**  
+1 669 900 6833 US (San Jose)  
Find your local number: <https://us06web.zoom.us/u/kdjzZ7O0ps>  
Meeting ID: 824 6711 0597  
Passcode: 769069

#### Date: Thursday, August 15th, 6:00-7:30 pm

- **Join by Computer**  
<https://us06web.zoom.us/j/86345795721?pwd=u1aGasUXrB4ONNggXRm2VTtGoKvs0v.1>

Meeting ID: 863 4579 5721  
Passcode: 690982

- **Join by Phone**

Find your local number: <https://us06web.zoom.us/j/kdfGimMbwX>  
+1 669 900 6833 US (San Jose)  
Meeting ID: 863 4579 5721  
Passcode: 690982

**AGENDA:**

1. Introduction
2. Nitrate Control Program Overview
  - What is the Nitrate Control Program?
  - Why does this matter to me?
  - What is a Management Zone and how can I be involved?
  - What does the Management Zone do?
3. Identifying Potentially Impacted Residents
  - How do we determine nitrate conditions?
  - Where does high nitrate occur?
  - How many wells and people might be affected?
4. Drinking Water Solutions
  - What is an Early Action Plan?
  - What are safe drinking water options?
  - How can we connect with you?
5. Closing

**ADDITIONAL INFORMATION ON CV SALTS AND THE NITRATE CONTROL PROGRAM:**

- Central Valley Salinity Coalition: <https://www.cvsalinity.org/>

## Valley Water Collaborative

### Reunión de las partes interesadas y de la comunidad

#### Martes 13 de Agosto, 2-3:30 pm y Jueves 15 de Agosto, 6-7:30 pm

¡Saludos a las organizaciones comunitarias y partes interesadas!

Como habrás escuchado, Valley Water Collaborative está ampliando su administración de la Zona de Gestión a cuatro cuencas de agua subterránea en el norte del Valle de San Joaquín: Este de San Joaquín, Delta-Mendota, Merced y Madera. Esta expansión se produce después de tres años de operar un programa exitoso en las cuencas de agua subterránea de Modesto y Turlock.

Hemos programado la primera de una serie de reuniones de extensión comunitaria la próxima semana: Martes 13 de Agosto (2:00 a 3:30 p. m.) y Jueves 15 de Agosto (6:00 a 7:30 p. m.). Estas son reuniones virtuales de Zoom en las que presentaremos el programa y los planes de divulgación para hacer correr la voz sobre las pruebas de pozos gratuitas y el agua de reemplazo que llegará a las cuencas en 2025. El contenido será relevante para las cuatro cuencas que se han unido a VWC.

El primer paso para cada cuenca es desarrollar una Propuesta de Zona de Gestión Preliminar local para la Junta de Agua del Valle Central. Este plan describirá los pasos para suministrar agua potable a los residentes afectados por la contaminación de nitratos del agua subterránea bombeada desde sus pozos privados.

Durante el desarrollo del plan, VWC buscará opiniones de las comunidades locales y las partes interesadas. La divulgación localizada en cada cuenca continuará después de que se acepte el plan para garantizar el conocimiento del programa entre los residentes de las comunidades impactadas.

A continuación se muestra la agenda de las reuniones virtuales (mismo contenido para ambas reuniones). Únase a nosotros con los enlaces de zoom a continuación. Visite el sitio web de VWC para obtener más información sobre nuestro programa existente: <https://valleywaterc.org/>.

Durante y después de la presentación, se anima a los participantes a hacer preguntas. Si tiene preguntas antes de la reunión, no dude en llamarnos o enviarnos un correo electrónico.

¡Ojalá nos "veamos" a todos!

Parry

Parry Klassen  
Director Ejecutivo  
Valley Water Collaborative  
[klassenparry@gmail.com](mailto:klassenparry@gmail.com)  
559-288-8125

**DETALLES DE LA REUNIÓN ZOOM:**

(Tenga en cuenta: los detalles de la reunión son diferentes cada día)

**Fecha: Martes 13 de Agosto, 2:00-3:30 pm**

- Únase por computadora:  
<https://us06web.zoom.us/j/82467110597?pwd=DrFjk4dADCAQPcJg6Q9Hn6mUdP0Gzf.1>  
ID de reunión: 824 6711 0597  
Código de acceso: 769069
- **Únase por teléfono:**

+1 669 900 6833 EE. UU. (San José)  
Encuentre su número local: <https://us06web.zoom.us/j/kdjzZ7O0ps>  
ID de reunión: 824 6711 0597  
Código de acceso: 769069

**Fecha: Jueves 15 de Agosto, 6:00-7:30 pm**

- **Únase por computadora**  
<https://us06web.zoom.us/j/86345795721?pwd=u1aGasUXrB4ONNggXRm2VTtGoKvs0v.1>  
ID de reunión: 863 4579 5721  
Código de acceso: 690982
- **Únase por teléfono**  
Encuentre su número local: <https://us06web.zoom.us/j/kdfGimMbwX>  
+1 669 900 6833 EE. UU. (San José)  
ID de reunión: 863 4579 5721  
Código de acceso: 690982

**ORDEN DEL DÍA:**

1. Introducción
2. Descripción general del programa de control de nitratos
  - ¿Qué es el Programa de Control de Nitratos?
  - ¿Por qué me importa esto do?
  - ¿Qué es una Zona de Gestión y cómo puedo participar?
  - ¿Qué hace la Zona de Gestión?
3. Identificación de residentes potencialmente afectados
  - ¿Cómo determinamos las condiciones de nitrato?
  - ¿Dónde se produce el nivel alto de nitrato do?
  - ¿Cuántos pozos y personas podrían verse afectadas?
4. Soluciones de agua potable
  - ¿Qué es un Plan de Acción Temprana?
  - ¿Cuáles son las opciones de agua potable segura?
  - ¿Cómo podemos conectarnos con usted?
5. Cierre

**INFORMACIÓN ADICIONAL SOBRE EL PROGRAMA CV SALTS Y EL PROGRAMA DE CONTROL DE NITRATO:**

- Coalición de Salinidad del Valle Central: <https://www.cvsalinity.org/>



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## Plan para pruebas de pozos de nitrato / Agua de reemplazo disponible para comentarios

Un plan que está preparando Valley Water Collaborative para el Control Regional de la Calidad del Agua está disponible para revisión y comentarios públicos el 4 de Octubre. Este plan, llamado Propuesta Preliminar de la Zona de Gestión, describe cómo se utilizarán las promociones y el alcance comunitario para notificar residentes de la implementación del programa, de nitratos, y de la calidad del agua subterránea en la cuenca.

El borrador del plan cubre todas las nuevas cuencas de agua subterránea que se unieron recientemente a VWC: Yolo, Eastern San Joaquín, Delta Mendota, Merced y Madera. Secciones específicas del borrador del plan cubren condiciones de calidad del agua subterránea que son únicas para cada cuenca.

Están programados dos talleres virtuales para el 10 de Octubre donde el personal y los consultores de VWC participarán y explicarán el contenido del plan y solicitarán comentarios y sugerencias.

Las aportaciones de los residentes, organizaciones, y entidades locales son importantes para garantizar que la divulgación esté dirigida a hogares que puedan tener altos niveles de nitrato en sus pozos privados.

**VWC aceptará comentarios hasta el 1er de Noviembre para tener tiempo suficiente para preparar la versión final del plan antes que se deba a la Junta Regional de Control de Calidad del Agua el 28 de Diciembre de 2024.**

### Información de la reunión

Jueves 10 de Octubre, 2-3:30 pm

Jueves 10 de Octubre, 6-7:30 pm

Contenido repetido en ambas reuniones; Traducción al español disponible.

Solicite información sobre los talleres enviando un correo electrónico de VWC registrándose en [contact@valleywaterc.org](mailto:contact@valleywaterc.org). Reciba correos electrónicos de VWC registrándose en <https://valleywaterc.org/connect/>



**From:** Valley Water Collaborative <contact@valleywaterc.org>  
**Sent:** Sunday, October 6, 2024 8:47 AM  
**To:**  
**Subject:** [EXT] VWC's Draft Plan is Open for Comment! Join us on Oct. 10th to Learn More!



## Draft Plan for Nitrate Well Testing and Replacement Water Open for Public Comment. Join us on Oct. 10<sup>th</sup> to Learn More

**Valley Water Collaborative (VWC) is announcing the release of its new plan**, called the Early Action Plan, which is part of the Preliminary Management Zone Proposal. This draft plan describes the upcoming free well testing and replacement water efforts it will be initiating in 2025 in five groundwater basins across the Central Valley: Delta-Mendota, Eastern San Joaquin, Madera, Merced, and Yolo.

The plan describes how promotions and outreach will be used to notify residents of the program rollout and informs on nitrate groundwater quality in basins encompassed by VWC. The draft plan is posted on the VWC website at <https://valleywaterc.org/about/>.

Input is being sought from residents, organizations and entities in all basins. Please review the plan and send us your comments! VWC will be accepting comments until November 1<sup>st</sup>. They can be sent to [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

After the plan is submitted to the Regional Water Board on December 28, 2024, the State agency will hold another public comment period in early 2025.

**Would you like to learn more about the plan and provide your thoughts? Join us at a virtual workshop for an explanation of the plan by VWC staff and consultants.** Two virtual workshops are scheduled for October 10<sup>th</sup>. Content is repeated in both meetings and Spanish translation is available.

### Thursday, October 10th

#### Time: 2-3:30 pm

- Join by Computer:  
<https://us06web.zoom.us/j/87047483840?pwd=9aMkMTLgDOgUcV8Z2ggcYysTSjWXKX.1>  
Meeting ID: 870 4748 3840  
Passcode: 935714
- Join by Phone:  
+1 669 900 6833 US (San Jose)  
Meeting ID: 870 4748 3840  
Passcode: 935714

#### Time: 6-7:30 pm

- Join by Computer:  
<https://us06web.zoom.us/j/87337065708?pwd=a9CPeQ97ykYyEZI7XmXXYKDNIHxX9a.1>  
Meeting ID: 873 3706 5708  
Passcode: 655988
- Join by Phone:  
+1 669 900 6833 US (San Jose)  
Meeting ID: 873 3706 5708  
Passcode: 655988

**Borrador del Plan de Análisis de Nitrato en Pozos de Agua y Reemplazo de Agua Abierto para Comentarios del Público.  
Únase a nosotros el 10 de Octubre para aprender más.**

Valley Water Collaborative (VWC) está anunciando el lanzamiento de su nuevo plan, llamado Plan de Acción Temprana, que forma parte de la Propuesta Preliminar de Zona de Gestión. Este borrador del plan describe los próximos análisis gratuitos de pozos y

esfuerzos de reemplazo de agua que iniciará en 2025 en cinco cuencas de agua subterránea en todo el Valle Central: Delta-Mendota, Este de San Joaquín, Madera, Merced y Yolo.

El plan describe cómo se utilizarán las promociones y el alcance comunitario para notificar a los residentes sobre el desarrollo del programa e informa sobre la calidad de las aguas subterráneas de nitrato en las cuencas abarcadas por VWC. El borrador del plan está publicado en el sitio web de VWC en <https://valleywaterc.org/about/>.

Se están solicitando aportaciones de residentes, organizaciones y entidades de todas las cuencas. Por favor revise el plan y envíenos tus comentarios! VWC aceptará comentarios hasta el 1ro de Noviembre. Se pueden enviar a [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

Luego de que el plan sea presentado a la Junta Regional del Agua el 28 de Diciembre de 2024, el la agencia Estatal tendrá otro período de comentarios públicos a principios de 2025.

**¿Le gustaría obtener más información sobre el plan y darnos su opinión? Únase a nosotros en un taller virtual para una explicación del plan por parte del personal y consultores de VWC.** Dos talleres virtuales están programados para el 10 de Octubre. El contenido se repite en los dos talleres. La traducción en español está disponible.

### **Jueves 10 de Octubre**

#### **HORA: 2-3:30 pm**

- Unirse por computadora:  
<https://us06web.zoom.us/j/87047483840?pwd=9aMkMTLgDOgUcV8Z2ggcYysTSjWXKX.1>  
ID de reunión: 870 4748 3840  
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Código de acceso: 935714

#### **HORA: 6-7:30 pm**

- Unirse por computadora:  
<https://us06web.zoom.us/j/87337065708?pwd=a9CPeQ97ykYyEZI7XmXXYKDNIHxX9a.1>  
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**From:** Valley Water Collaborative <contact@valleywaterc.org>  
**Sent:** Wednesday, October 9, 2024 9:39 PM  
**To:**  
**Subject:** [EXT] VWC's Draft Plan is Open for Comment! Join us on Oct. 10th to Learn More!



## Draft Plan for Nitrate Well Testing and Replacement Water Open for Public Comment. Join us on Oct. 10<sup>th</sup> to Learn More

**Valley Water Collaborative (VWC) is announcing the release of its new plan**, called the Early Action Plan, which is part of the Preliminary Management Zone Proposal. This draft plan describes the upcoming free well testing and replacement water efforts it will be initiating in 2025 in five groundwater basins across the Central Valley: Delta-Mendota, Eastern San Joaquin, Madera, Merced, and Yolo.

The plan describes how promotions and outreach will be used to notify residents of the program rollout and informs on nitrate groundwater quality in basins encompassed by VWC. The draft plan is posted on the VWC website at <https://valleywaterc.org/about/>.

Input is being sought from residents, organizations and entities in all basins. Please review the plan and send us your comments! VWC will be accepting comments until November 1<sup>st</sup>. They can be sent to [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

After the plan is submitted to the Regional Water Board on December 28, 2024, the State agency will hold another public comment period in early 2025.

**Would you like to learn more about the plan and provide your thoughts? Join us at a virtual workshop for an explanation of the plan by VWC staff and consultants.** Two virtual workshops are scheduled for October 10<sup>th</sup>. Content is repeated in both meetings and Spanish translation is available.

### Thursday, October 10th

#### Time: 2-3:30 pm

- Join by Computer:  
<https://us06web.zoom.us/j/87047483840?pwd=9aMkMTLgDOgUcV8Z2ggcYysTSjWXKX.1>  
Meeting ID: 870 4748 3840  
Passcode: 935714
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+1 669 900 6833 US (San Jose)  
Meeting ID: 870 4748 3840  
Passcode: 935714

#### Time: 6-7:30 pm

- Join by Computer:  
<https://us06web.zoom.us/j/87337065708?pwd=a9CPeQ97ykYyEZI7XmXXYKDNIHxX9a.1>  
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**Borrador del Plan de Análisis de Nitrato en Pozos de Agua y Reemplazo de Agua Abierto para Comentarios del Público.  
Únase a nosotros el 10 de Octubre para aprender más.**

Valley Water Collaborative (VWC) está anunciando el lanzamiento de su nuevo plan, llamado Plan de Acción Temprana, que forma parte de la Propuesta Preliminar de Zona de Gestión. Este borrador del plan describe los próximos análisis gratuitos de pozos y

esfuerzos de reemplazo de agua que iniciará en 2025 en cinco cuencas de agua subterránea en todo el Valle Central: Delta-Mendota, Este de San Joaquín, Madera, Merced y Yolo.

El plan describe cómo se utilizarán las promociones y el alcance comunitario para notificar a los residentes sobre el desarrollo del programa e informa sobre la calidad de las aguas subterráneas de nitrato en las cuencas abarcadas por VWC. El borrador del plan está publicado en el sitio web de VWC en <https://valleywaterc.org/about/>.

Se están solicitando aportaciones de residentes, organizaciones y entidades de todas las cuencas. Por favor revise el plan y envíenos tus comentarios! VWC aceptará comentarios hasta el 1ro de Noviembre. Se pueden enviar a [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

Luego de que el plan sea presentado a la Junta Regional del Agua el 28 de Diciembre de 2024, el la agencia Estatal tendrá otro período de comentarios públicos a principios de 2025.

**¿Le gustaría obtener más información sobre el plan y darnos su opinión? Únase a nosotros en un taller virtual para una explicación del plan por parte del personal y consultores de VWC.** Dos talleres virtuales están programados para el 10 de Octubre. El contenido se repite en los dos talleres. La traducción en español está disponible.

### **Jueves 10 de Octubre**

#### **HORA: 2-3:30 pm**

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<https://us06web.zoom.us/j/87047483840?pwd=9aMkMTLgDOgUcV8Z2ggcYysTSjWXKX.1>  
ID de reunión: 870 4748 3840  
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+1 669 900 6833 US (San Jose)  
ID de reunión: 870 4748 3840  
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#### **HORA: 6-7:30 pm**

- Unirse por computadora:  
<https://us06web.zoom.us/j/87337065708?pwd=a9CPeQ97ykYyEZI7XmXXYKDNIHxX9a.1>  
ID de reunión: 873 3706 5708  
Código de acceso: 655988
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Código de acceso: 655988



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**From:** Valley Water Collaborative <contact@valleywaterc.org>  
**Sent:** Saturday, October 19, 2024 10:31 PM  
**To:**  
**Subject:** [EXT] Public Comments Sought for Plan; Join us on Oct. 29th or 30th



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www.valleywaterc.org

## **Draft Plan for Nitrate Well Testing and Replacement Water Open for Public Comment. Join us on October 29<sup>th</sup> or 30<sup>th</sup> to Learn More**

Public comments are being requested on a draft plan written by Valley Water Collaborative (VWC) for the Regional Water Quality Control Board as required in the Nitrate Control Program. This plan, called the Early Action Plan, which is part of the Preliminary Management Zone Proposal, describes how residents will be notified of the program rollout, which includes free well testing and free replacement water where applicable.

The draft plan covers all new groundwater subbasins that recently joined VWC: Yolo, Eastern San Joaquin, Delta Mendota, Merced and Madera. Specific sections of the draft plan cover each basin's groundwater quality conditions, especially elevated nitrate concentrations.

Two workshops (Stockton and Merced) are scheduled for October 29th and 30th. The meetings are in-person with virtual access. Presentations by VWC staff and consultants will cover the draft plan contents. Comments and suggestions are accepted at the meetings or can be submitted by emailing [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

Input from local residents, organizations and entities is important to ensure outreach is targeted to households that may have high nitrate concentrations in their private wells.

VWC will be accepting comments on the draft plan until November 1st to have adequate time to prepare the final plan due on December 28, 2024 to the Regional Water Quality Control Board.

### **Meeting Information**

#### **October 29th 3-4:30 pm**

**Location: Housing Authority County of Merced: 405 U Street Merced, CA 95341**

- Join by Computer:  
<https://us06web.zoom.us/j/81917569429?pwd=LHPhJbYVqMwS8YXeycyi3r1vJBXCCZ.1>  
Meeting ID: 819 1756 9429  
Passcode: 543271
- Join by Phone:  
+1 669 900 6833 US (San Jose)  
Meeting ID: 819 1756 9429  
Passcode: 543271

#### **October 30th 3-4:30 pm**

**Location: San Joaquin Farm Bureau Federation: 3290 Ad Art Road, Stockton, CA 95215**

- Join by Computer:  
<https://us06web.zoom.us/j/83637898718?pwd=kUqxz2pddypDpvk7ULiozvSnfeI5MT.1>  
Meeting ID: 836 3789 8718  
Passcode: 173768
- Join by Phone:  
+1 669 900 6833 US (San Jose)  
Meeting ID: 836 3789 8718  
Passcode: 173768

Local residents, organizations, and entities are all welcome to attend. Content repeated in both meetings; Spanish translation on Zoom available.

Request meeting call-in information by emailing [contact@valleywaterc.org](mailto:contact@valleywaterc.org)

## Borrador del Plan de Análisis de Nitrato en Pozos de Agua y Reemplazo de Agua Abierto para Comentarios del Público. Únase a nosotros el 29 o 30 de Octubre para aprender más.

Se solicitan comentarios del público sobre un borrador del plan escrito por Valley Water Collaborative (VWC) para la Junta Regional de Control de Calidad del Agua según lo requiere el Programa de Control de Nitratos. Este plan, denominado Plan de Acción Temprana, que forma parte de la Zona de Gestión Preliminar, la propuesta describe cómo se notificará a los residentes sobre el lanzamiento del programa, que incluye pruebas de pozos de agua y reemplazo gratuito de agua cuando corresponda.

El borrador del plan cubre todas las nuevas subcuencas de agua subterránea que se unieron recientemente al VWC: Yolo, Este San Joaquín, Delta Mendota, Merced y Madera. Secciones específicas del borrador del plan cubren las condiciones de calidad del agua subterránea de cada cuenca, especialmente las elevadas concentraciones de nitrato.

Dos talleres (Stockton y Merced) están programados para el 29 y 30 de Octubre. Las reuniones son presenciales con acceso virtual. Las presentaciones del personal y consultores de VWC cubrirán el contenido del borrador del plan. Comentarios y sugerencias se aceptan en las reuniones o pueden ser enviados por correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

Las aportaciones de los residentes, organizaciones y entidades locales son importantes para garantizar que la divulgación esté dirigida a hogares que puedan tener altas concentraciones de nitrato en sus pozos de agua privados.

VWC aceptará comentarios sobre el borrador del plan hasta el 1 de Noviembre para tener tiempo suficiente para preparar el Plan Final que se entrega, con vencimiento, el 28 de Diciembre de 2024 a la Junta Regional de Control de Calidad del Agua.

### Información de la reunión

#### 29 de Octubre 3-4:30 pm

Ubicación: Housing Authority County of Merced: 405 U Street Merced, CA 95341

- Unirse por computadora:  
<https://us06web.zoom.us/j/81917569429?pwd=LHPhJbYVqMwS8YXeycyi3r1vJBXCCZ.1>  
ID de reunión: 819 1756 9429  
Código de acceso: 543271
- Únase por teléfono:  
+1 669 900 6833 EE. UU. (San Jose)  
ID de reunión: 819 1756 9429  
Código de acceso: 543271

#### 30 de Octubre: 3-4:30 pm

Ubicación: San Joaquin Farm Bureau Federation:: 3290 Ad Art Road, Stockton, CA 95215

- Unirse por computadora:  
<https://us06web.zoom.us/j/83637898718?pwd=kUqxz2pddypDpvk7ULiozvSnfeI5MT.1>  
ID de reunión: 836 3789 8718  
Código de acceso: 173768
- Únase por teléfono:  
+1 669 900 6833 EE. UU. (San Jose)  
ID de reunión: 836 3789 8718  
Código de acceso: 173768

Los residentes, organizaciones y entidades locales son bienvenidos a asistir. Contenido repetido en ambas reuniones; Traducción al español en Zoom disponible.

Solicite información sobre la convocatoria de reuniones enviando un correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org)



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**From:** Valley Water Collaborative <contact@valleywaterc.org>  
**Sent:** Thursday, October 24, 2024 2:02 PM  
**To:**  
**Subject:** [EXT] Public Comments Sought for Plan; Join us on Oct. 29th or 30th



**VALLEY WATER  
COLLABORATIVE**  
www.valleywaterc.org

## **Draft Plan for Nitrate Well Testing and Replacement Water Open for Public Comment. Join us on October 29<sup>th</sup> or 30<sup>th</sup> to Learn More**

Public comments are being requested on a draft plan written by Valley Water Collaborative (VWC) for the Regional Water Quality Control Board as required in the Nitrate Control Program. This plan, called the Early Action Plan, which is part of the Preliminary Management Zone Proposal, describes how residents will be notified of the program rollout, which includes free well testing and free replacement water where applicable.

The draft plan covers all new groundwater subbasins that recently joined VWC: Yolo, Eastern San Joaquin, Delta Mendota, Merced and Madera. Specific sections of the draft plan cover each basin's groundwater quality conditions, especially elevated nitrate concentrations.

Two workshops (Stockton and Merced) are scheduled for October 29th and 30th. The meetings are in-person with virtual access. Presentations by VWC staff and consultants will cover the draft plan contents. Comments and suggestions are accepted at the meetings or can be submitted by emailing [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

Input from local residents, organizations and entities is important to ensure outreach is targeted to households that may have high nitrate concentrations in their private wells.

VWC will be accepting comments on the draft plan until November 1st to have adequate time to prepare the final plan due on December 28, 2024 to the Regional Water Quality Control Board.

### **Meeting Information**

#### **October 29th 3-4:30 pm**

**Location: Housing Authority County of Merced: 405 U Street Merced, CA 95341**

- Join by Computer:  
<https://us06web.zoom.us/j/81917569429?pwd=LHPhJbYVqMwS8YXeycyi3r1vJBXCCZ.1>  
Meeting ID: 819 1756 9429  
Passcode: 543271
- Join by Phone:  
+1 669 900 6833 US (San Jose)  
Meeting ID: 819 1756 9429  
Passcode: 543271

#### **October 30th 3-4:30 pm**

**Location: San Joaquin Farm Bureau Federation: 3290 Ad Art Road, Stockton, CA 95215**

- Join by Computer:  
<https://us06web.zoom.us/j/83637898718?pwd=kUqxz2pddypDpvk7ULiozvSnfeI5MT.1>  
Meeting ID: 836 3789 8718  
Passcode: 173768
- Join by Phone:  
+1 669 900 6833 US (San Jose)  
Meeting ID: 836 3789 8718  
Passcode: 173768

Local residents, organizations, and entities are all welcome to attend. Content repeated in both meetings; Spanish translation on Zoom available.

Request meeting call-in information by emailing [contact@valleywaterc.org](mailto:contact@valleywaterc.org)

### Public Comments Sought for Plan on Nitrate Well Testing / Replacement Water

Public comments are being requested on a draft plan written by Valley Water Collaborative (VWC) for the Regional Water Quality Control Board as required in the Nitrate Control Program. This plan, called the Early Action Plan, which is part of the Preliminary Management Zone Proposal, describes how residents will be notified of the program rollout, which includes free well testing and free replacement water where applicable.

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Location: Housing Authority County of Merced  
405 U Street Merced, CA 95341

October 30th, 3-4:30 pm  
Location: San Joaquin Farm Bureau  
3290 Ad Art Road, Stockton, CA 95215

Local residents, organizations, and entities are all welcome to attend. Content repeated in both meetings; Spanish translation on Zoom available.

Request meeting call-in information by emailing [contact@valleywaterc.org](mailto:contact@valleywaterc.org)



## Borrador del Plan de Análisis de Nitrato en Pozos de Agua y Reemplazo de Agua Abierto para Comentarios del Público. Únase a nosotros el 29 o 30 de Octubre para aprender más.

Se solicitan comentarios del público sobre un borrador del plan escrito por Valley Water Collaborative (VWC) para la Junta Regional de Control de Calidad del Agua según lo requiere el Programa de Control de Nitratos. Este plan, denominado Plan de Acción Temprana, que forma parte de la Zona de Gestión Preliminar, la propuesta describe cómo se notificará a los residentes sobre el lanzamiento del programa, que incluye pruebas de pozos de agua y reemplazo gratuito de agua cuando corresponda.

El borrador del plan cubre todas las nuevas subcuencas de agua subterránea que se unieron recientemente al VWC: Yolo, Este San Joaquín, Delta Mendota, Merced y Madera. Secciones específicas del borrador del plan cubren las condiciones de calidad del agua subterránea de cada cuenca, especialmente las elevadas concentraciones de nitrato.

Dos talleres (Stockton y Merced) están programados para el 29 y 30 de Octubre. Las reuniones son presenciales con acceso virtual. Las presentaciones del personal y consultores de VWC cubrirán el contenido del borrador del plan. Comentarios y sugerencias se aceptan en las reuniones o pueden ser enviados por correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

Las aportaciones de los residentes, organizaciones y entidades locales son importantes para garantizar que la divulgación esté dirigida a hogares que puedan tener altas concentraciones de nitrato en sus pozos de agua privados.

VWC aceptará comentarios sobre el borrador del plan hasta el 1 de Noviembre para tener tiempo suficiente para preparar el Plan Final que se entrega, con vencimiento, el 28 de Diciembre de 2024 a la Junta Regional de Control de Calidad del Agua.

### Información de la reunión

#### 29 de Octubre 3-4:30 pm

Ubicación: Housing Authority County of Merced: 405 U Street Merced, CA 95341

- Unirse por computadora:  
<https://us06web.zoom.us/j/81917569429?pwd=LHPhJbYVqMWS8YXeycyi3r1vJBXCCZ.1>  
ID de reunión: 819 1756 9429  
Código de acceso: 543271
- Únase por teléfono:  
+1 669 900 6833 EE. UU. (San Jose)  
ID de reunión: 819 1756 9429  
Código de acceso: 543271

#### 30 de Octubre: 3-4:30 pm

Ubicación: San Joaquin Farm Bureau Federation:: 3290 Ad Art Road, Stockton, CA 95215

- Unirse por computadora:  
<https://us06web.zoom.us/j/83637898718?pwd=kUqxz2pddypDpvk7ULiozvSnfeI5MT.1>  
ID de reunión: 836 3789 8718  
Código de acceso: 173768
- Únase por teléfono:  
+1 669 900 6833 EE. UU. (San Jose)  
ID de reunión: 836 3789 8718  
Código de acceso: 173768

Los residentes, organizaciones y entidades locales son bienvenidos a asistir. Contenido repetido en ambas reuniones; Traducción al español en Zoom disponible.

Solicite información sobre la convocatoria de reuniones enviando un correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org)

**Se solicitan comentarios del público sobre el plan sobre pruebas de nitrato en pozos de agua y reemplazo de agua**

Se solicitan comentarios del público sobre un borrador del plan escrito por Valley Water Collaborative (VWC) para la Junta Regional de Control de Calidad del Agua según lo requiere el Programa de Control de Nitratos. Este plan, denominado Plan de Acción Temprana, que forma parte de la Zona de Gestión Preliminar, la propuesta describe cómo se notificará a los residentes sobre el lanzamiento del programa, que incluye pruebas de pozos de agua y reemplazo gratuito de agua cuando corresponda.

El borrador del plan cubre todas las nuevas subcuencas de agua subterránea que se unieron recientemente al VWC: Yolo, Este San Joaquin, Delta Mendota, Merced y Madera. Secciones específicas del borrador del plan cubren las condiciones de calidad del agua subterránea de cada cuenca, especialmente las elevadas concentraciones de nitrato.

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VWC aceptará comentarios sobre el borrador del plan hasta el 1 de Noviembre para tener tiempo suficiente para preparar el Plan Final que se entrega, con vencimiento, el 28 de Diciembre de 2024 a la Junta Regional de Control de Calidad del Agua.

Información de la reunión: 29 de Octubre 3-4:30 pm  
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Solicite información sobre la convocatoria de reuniones enviando un correo electrónico a [contact@valleywaterc.org](mailto:contact@valleywaterc.org)



Valley Water Collaborative

E-mail Us Today

Valley Water Collaborative | 1201 L Street | Modesto, CA 95354 US

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Try email marketing for free today!

**From:** Valley Water Collaborative <contact@valleywaterc.org>  
**Sent:** Friday, November 22, 2024 3:29 PM  
**To:**  
**Subject:** [EXT] Public Comments Requested for Nitrate Well Testing Plan – Comments Due: December 9, 2024



## Public Comments Requested for Nitrate Well Testing Plan Comments Due: December 9, 2024

The Valley Water Collaborative (VWC) has released its draft plan, the Preliminary Management Zone Proposal, for public review and input. This proposal outlines upcoming activities within five Management Zones across the Central Valley: Delta-Mendota, Eastern San Joaquin, Madera, Merced, and Yolo.

### Key Highlights of the Draft Plan:

- **Water Quality Insights:** Details on groundwater quality and general descriptions of each Management Zone.
- **Permitted Dischargers:** Information on the participants in each Management Zone.
- **Early Action Plan Summary:** An appendix highlights free well testing and replacement water programs starting in late February 2025.

You can view the draft plan on the VWC website: <https://valleywaterc.org/about/>.

### How to Provide Feedback:

- Submit comments by December 9, 2024
- Email your feedback to [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

### Next Steps:

Once the plan is submitted to the Central Valley Regional Water Quality Control Board on December 28, 2024, the State agency will open another public comment period in early 2025.

Your input is vital in shaping the approach used to address groundwater quality management in the Central Valley.

## Se Necesitan Comentarios Públicos para el Plan de Pruebas de Pozos de Nitrato Fecha Límite para Comentarios: 9 de Diciembre de 2024

Valley Water Collaborative (VWC) ha publicado su borrador del plan, la Propuesta Preliminar de la Zona de Gestión, para revisión y aportes del público. Este plan describe las actividades dentro de cinco Zonas de Gestión propuestas en el Valle Central: Delta-Mendota, El Este de San Joaquín, Madera, Merced y Yolo.

### Puntos Clave del Plan Provisional:

- **Información sobre la Calidad del Agua:** Detalles sobre la calidad del agua subterránea y descripciones generales de cada Zona de Gestión.
- **Descargadores Autorizados:** Información sobre los participantes en cada Zona de Gestión.
- **Resumen del Plan de Acción Temprana:** Un anexo destaca los programas gratuitos de pruebas de pozos y agua de reemplazo que comenzarán a finales de Febrero de 2025.

Puede consultar el borrador del plan en el sitio web de VWC:

<https://valleywaterc.org/about/>.

### Cómo Proporcionar Comentarios:

- Envíe sus comentarios antes del 9 de Diciembre de 2024.
- Envíe su comentario por correo electrónico a: [contact@valleywaterc.org](mailto:contact@valleywaterc.org).

**Próximos Pasos:**

Una vez que el plan sea presentado a la Junta Regional de Control de Calidad del Agua del Valle Central el 28 de Diciembre de 2024, la agencia estatal abrirá otro período de comentarios públicos a principios de 2025. Su opinión es fundamental para dar enfoque utilizado para abordar la gestión de la calidad del manejo de la calidad del agua subterránea en el Valle Central.



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**Appendix I: Program Application Form**

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## Well Test Application

Valley Water Collaborative (VWC) helps people whose wells may have water with harmful levels of substances including nitrate, arsenic, 1,2,3-TCP, DBCP, EDB, perchlorate, total chromium, and uranium. We offer free well testing. If the water in your well does not meet health standards, VWC can provide free replacement water to those who qualify.

### **Who Can Get Free Replacement Water?**

You may qualify for free replacement water if:

- Your well has high nitrate levels.
- OR
- Your well has high levels of other substances (like arsenic, 1,2,3-TCP, and others) AND you live in a disadvantaged community or are low-income.

If you need help with the application, call 209-750-3867 or email [contact@valleywaterc.org](mailto:contact@valleywaterc.org). We are happy to help you!

### ***Important Information for Landlords and Tenants Using Private Wells for Drinking Water***

A new law (AB 2454) was passed on September 1, 2024. This law says that if there is a free well water testing program in the area where a rental property is located, landlords **must take part in it**. Valley Water Collaborative offers a free well water testing program in these areas: Yolo, Eastern San Joaquin, Delta-Mendota, Modesto, Turlock, Merced, Madera.

#### **If a landlord owns a rental property in any of these areas, they must:**

- Allow the free program to test the well water on the property.
- Give the test results to tenants within 10 days of receiving them.
- Let tenants get free drinking water from the program if they qualify.

**Tenants need acknowledgement from their landlord to join the program.**



**However, the new law does not allow landlords to refuse program admission. Landlords also cannot charge extra fees, increase rent, or add costs because of these rules.**

*This program is funded in part by a grant from the State Water Resources Control Board under the Safe and Affordable Funding for Equity and Resiliency (SAFER) drinking water program.*

*By providing a telephone number and submitting the form you are consenting to be contacted by SMS text message. Message and data rates may apply. Reply STOP to opt out of further messaging.*



**How did you learn about Valley Water Collaborative and our free water program?  
Check all that apply.**

- Postcard in mail
- Neighbor, friend or family member
- Spoke to a VWC representative at my residence
- Spoke to a VWC representative at a booth, community meeting, or event.
- Road sign or store display/flyer.
- Facebook, Instagram, or other social media.
- Radio
- TV
- Newspaper
- School Flyer or Event
- Internet
- Other (please specify)

---

**If you heard about the Valley Water Collaborative through a neighbor, friend, or acquaintance that is currently receiving water from us, please provide their name and phone number:**

Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

---

### **Applicant Information**

**Important Information About Email: Valley Water Collaborative communicates mostly through email, including sending well test results. Please provide a valid email address. If you don't use email, write "none," and we'll reach out to you by phone or mail instead.**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_



# Valley Water Collaborative

ZIP/Postal Code: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

---

## Language Preference

- English
  - Spanish
  - Both English / Spanish
  - Other (please specify)
- \_\_\_\_\_
- 

## Does the property have a domestic well that supplies the drinking water?

- Yes
  - No, the property is connected to a Public Water System (I/my landowner receive a water bill and/or have a water meter).
  - Unsure
- 

## Are you the landowner?

- Yes
- No



### Notice of Public Information

If your home qualifies for the program, results are required to be posted on the GeoTracker website. Posting this information is required by the Central Valley Regional Water Quality Control Board to inform water quality protection efforts for communities across the Central Valley. The website lists the well address and results; **no personal information about the owner or occupants will be posted.** GeoTracker can be viewed at <http://geotracker.waterboards.ca.gov>. Here is an example of what you might see on the website:

Chemical	PARVO	Result	Units	Sample Date
Nitrogen, Nitrate-Nitrite	=	2.14	MG/L	12/10/2020
Nitrogen, Nitrate-Nitrite	=	0.54	MG/L	10/21/2021

- I understand and would like to proceed with well testing.
- I need more information, please contact me.
- I would like to decline well testing.

---

**VWC needs permission from the landowner to do well testing. Would you like VWC staff to contact the landowner, or would you like to contact them yourself?**

- Yes, I'd like VWC staff to call or email the landowner.
- No, I'll contact the landowner myself (VWC will give you a form to share with them).

**If Yes, please provide the landowner Contact Information**

Name: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_





## Aplicación de Prueba de Pozo

Valley Water Collaborative (VWC) ayuda a las personas cuyos pozos pueden tener agua con niveles nocivos de sustancias que incluyen nitrato, arsénico, 1,2,3-TCP, DBCP, EDB, perclorato, cromo total y uranio.

Ofrecemos pruebas de pozos gratuitas. Si el agua de su pozo no cumple con los estándares sanitarios, VWC puede proporcionar agua de reemplazo gratuita a quienes califiquen.

### **¿Quién puede obtener agua de reemplazo gratuita?**

Puede calificar para agua de reemplazo gratuita si:

- Su pozo tiene altos niveles de nitrato.
- 
- Su pozo tiene altos niveles de otras sustancias (como arsénico, 1,2,3-TCP y otros) Y usted vive en una comunidad desfavorecida o tiene bajos ingresos.

Si necesita ayuda con la solicitud, llame al 209-750-3867 o envíe un correo electrónico [contact@valleywaterc.org](mailto:contact@valleywaterc.org). ¡Estamos felices de poder ayudarte!

### **Información Importante para Propietarios e Inquilinos que usan Pozos Privados para obtener Agua Potable**

El 1 de Septiembre de 2024 se aprobó una nueva ley (AB 2454). Esta ley establece que, si existe un programa gratuito de análisis de agua de pozo en la zona donde se ubica una propiedad de alquiler, **los propietarios deben participar**. Valley Water Collaborative ofrece un programa gratuito de análisis de agua de pozo en las siguientes zonas: Yolo, Eastern San Joaquin, Delta-Mendota, Modesto, Turlock, Merced, Madera.

Si un propietario posee una propiedad de alquiler en alguna de estas zonas, debe:

- Permitir que el programa gratuito analice el agua del pozo de la propiedad.
- Entregar los resultados de los análisis a los inquilinos en un plazo de 10 días a partir de su recepción.
- Permitir que los inquilinos obtengan agua potable gratuita del programa si cumplen los requisitos.

**Los inquilinos necesitan la autorización del propietario para unirse al programa. Sin embargo, la nueva ley no permite que los propietarios rechacen la admisión al programa. Los propietarios tampoco pueden cobrar cargos adicionales, aumentar el alquiler ni añadir costos debido a estas reglas.**

*Este programa está financiado en parte por una subvención de la Junta Estatal de Control de Recursos Hídricos en el marco del programa de agua potable Safe and Affordable Funding for Equity and Resiliency (SAFER). Al proporcionar un número de teléfono y enviar el formulario, usted acepta ser contactado por mensaje de texto SMS. Pueden aplicarse tarifas por mensajes y datos. Responda STOP para dejar de recibir más mensajes.*



**¿Cómo se enteró de Valley Water Collaborative y nuestro programa de agua gratuito?**

**Marque todo lo que corresponda.**

- Postal en el Correo
  - Vecino, amigo, o familiar
  - Hablé con un representante de VWC en mi residencia
  - Hablé con un representante de VWC en un stand, una reunión comunitaria, o evento.
  - Señal de tráfico o exhibición/folleto de tienda
  - Facebook, Instagram, u otras redes sociales.
  - Radio
  - TELEVISOR
  - Periódico
  - Folleto escolar o evento
  - Internet
  - Otro (especifique)
- 

**Si se enteró de Valley Water Collaborative a través de un vecino, amigo o conocido que actualmente recibe agua de nuestra parte, proporcione su nombre y número de teléfono:**

Nombre: \_\_\_\_\_

Número de teléfono: \_\_\_\_\_

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### **Información del Solicitante**

**Información importante sobre el correo electrónico: Valley Water Collaborative se comunica principalmente a través de correo electrónico, incluido el envío de resultados de pruebas de pozo.**

Nombre: \_\_\_\_\_

Dirección: \_\_\_\_\_

Ciudad: \_\_\_\_\_

Estado: \_\_\_\_\_

Codigo Postal: \_\_\_\_\_



**Información del Solicitante (continuado)**

Dirección de correo electrónico: \_\_\_\_\_

Número de teléfono: \_\_\_\_\_

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**Idioma Preferido**

- Inglés
- Español
- Ambos, Inglés y Español
- Otro (especifique)

\_\_\_\_\_

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**¿La propiedad cuenta con pozo doméstico que proporcione agua potable?**

- Si
- No, la propiedad está conectada a un sistema público de agua (yo/mi propietario recibo una factura de agua y/o tengo un contador de agua).
- Insegura(o)

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**¿Es usted el propietario del terreno?**

- Si
- No



## Aviso de Información Pública

Si su hogar califica para el programa, los resultados deben publicarse en el sitio web de GeoTracker. La Junta Regional de Control de la Calidad del Agua del Valle Central requiere que esta información se publique para informar los esfuerzos de proteger la calidad del agua para las comunidades de todo el Valle Central. El sitio web enumera sólo la dirección y los resultados del pozo; ninguna información personal sobre el propietario u ocupantes se publicará. GeoTracker se puede ver en <http://geotracker.waterboards.ca.gov>. A continuación se muestra un ejemplo de lo que puede ver en el sitio web.

Chemical	PARVQ	Result	Units	Sample Date
Nitrogen, Nitrate-Nitrite	=	2.14	MG/L	12/10/2020
Nitrogen, Nitrate-Nitrite	=	0.54	MG/L	10/21/2021

- Entiendo y me gustaría proceder con las pruebas de pozo.
- Necesito más información, por favor contáctame.
- Me gustaría rechazar las pruebas de pozo.

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**VWC necesita permiso del propietario del terreno para realizar pruebas de pozos. ¿Le gustaría que el personal de VWC se comunicara con el propietario del terreno o le gustaría comunicarse con ellos usted mismo?**

- Sí, me gustaría que el personal de VWC llame o envíe un correo electrónico al propietario.
- No, yo mismo me comunicaré con el propietario (VWC le dará un formulario para que lo comparta con él propietario).

**Si su respuesta es sí, por favor proporcione la información de contacto del propietario**



del terreno.

Nombre: \_\_\_\_\_

Dirección de correo electrónico: \_\_\_\_\_

Número de teléfono: \_\_\_\_\_

---

**Es una:**

- Residencia
- Negocio

**Si se trata de una residencia, ¿cuántas personas hay en el hogar?**

Número de personas en el hogar: \_\_\_\_\_

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**¿Tiene alguna pregunta o comentario? Por favor compártelos a continuación.**

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## Appendix J: List of Vendors for Bottled Water Delivery and Point of Use Treatment Systems

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The following table summarizes potential vendors contacted by the VWC to provide bottled water and POU treatment system services in the VWC P2 Management Zones. This list will be supplemented over time.

Service	Vendor	Contact Information	Website
Bottled Water Program	Primo Brands	Existing Customers: 800-728-5508  Get set up for delivery: 800-201-6218  VWC Account Representative: 707-333-6073	<a href="https://www.primobrands.com/">https://www.primobrands.com/</a>
Bottled Water Program	Valley Coffee and Valley Springs Water	559-434-0965	<a href="https://www.valleycoffee.com/">https://www.valleycoffee.com/</a>
Point of Use Filtration System	Culligan	209-521-7241	<a href="https://www.culligan.com/locations/ca/modesto">https://www.culligan.com/locations/ca/modesto</a>
Analytical Testing Labs	Dellavalle Laboratory Inc.	800-228-9896	<a href="https://dellavallelab.com/">https://dellavallelab.com/</a>
Analytical Testing Labs	Moore Twining Associates, Inc.	559-268-7021	<a href="https://www.mooretwining.com/">https://www.mooretwining.com/</a>
Analytical Testing Labs	Microbac Laboratories, Inc. (formerly GeoAnalytical Laboratories)	209-669-0100	<a href="https://www.microbac.com/">https://www.microbac.com/</a>