# PUBLIC DRAFT SUBMITTAL REPORT | August 10, 2022

# KINGS WATER ALLIANCE MANAGEMENT ZONE EARLY ACTION PLAN

## **Attachment D**

PREPARED FOR

KINGS WATER ALLIANCE



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#### **LIST OF ACRONYMS**

Acronym	Definition
AB	Public Water Supply Well Status, Abandoned
AR	Public Water Supply Well Status, Active Raw
AB Difference A B	Difference Between Nitrogen Applied and Nitrogen
AR DifferenceA-R	Removed

Acronym	Definition
AR RatioA/R	Ratio of Nitrogen Applied to Nitrogen Removed
AU	Public Water Supply Well Status Active Untreated
Desir Diene	Water Quality Control Plans for the Sacramento River and
Basin Plans	San Joaquin River Basins and the Tulare Lake Basin
BOD	Biochemical Oxygen Deman
ВРА	Basin Plan Amendment
С	Public Water System Type, Community
CDP	Census Designated Place
Central Valley Water Board	Central Valley Regional Water Quality Control Board
СЕТНР	California Environmental Health Tracking Program
CIWQS	California Integrated Water Quality System
Coalition	Kings River Water Quality Coalition
CVDRMP	Central Valley Dairy Representative Monitoring Program
CVHM2	Central Valley Hydrologic Model 2.0
CV-SALTS	Central Valley Salinity Alternatives for Long-term Sustainability
CVSC	Central Valley Salinity Coalition
CVWB	Central Valley Water Board
CSD	Community Services District
CWD	Community Water District
CWS	Community Water System
DAC	Disadvantaged Community
DDW	Division of Drinking Water
DS	Public Water Supply Well Status Destroyed
DUC	Disadvantaged Unincorporated Community
DWR	California Department of Water Resources
DWW	Drinking Water Watch
EC	Electrical Conductivity
EAP	Early Action Plan
ESJWQC	East San Joaquin Water Quality Coalition
FMZP	Final Management Zone Proposal
GAMA	Groundwater Ambient Monitoring and Assessment
GAR	Groundwater Quality Assessment Report
GIS	Geographic Information Systems
gpd	gallons per day
GQMP	Groundwater Quality Management Plan
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
HCM	Hydrologic Conceptual Model
ILRP	Irrigated Lands Regulatory Program
INMP	Irrigation and Nitrogen Management Plan

Acronym	Definition
INMPSR	Irrigation and Nitrogen Management Plan Summary Report
IRWM	Integrated Regional Water Management
IR	Public Supply Well Status Inactive Raw
IU	Public Supply Well Status Inactive Untreated
IX	Ion Exchange
KRCD	Kings River Conservation District
KWA	Kings Water Alliance
LSWS	Local Small Water System
MCL	Maximum Contaminant Level
mg/L	milligrams per liter
mg/L as N	milligrams per liter as nitrogen
MHI	Median Household Income
MPEP	Management Practice Evaluation Program
MZ	Management Zone
MZIP	Management Zone Implementation Plan
N	Nitrogen
NC	Public Water System Type, Non-Community
NMP	Nutrient Management Plan
NO <sub>3</sub> -N	Nitrate as Nitrogen
NOA	Notice of Applicability
NRCS	California Natural Resource Conservation Service
NTC	Notice to Comply
NTNC	Public Water System Type, Non-Transient Non-Community
NWIS	National Water Information System
OAL	Office of Administrative Law
OWTS	Onsite Waste Treatment System
PMZP	Preliminary Management Zone Proposal
PN	Public Supply Well Status Pending
POU	Point of Use
PWS	Public Water System
RO	Reverse Osmosis
SDAC	Severely Disadvantaged Communities
SDWIS	Safe Drinking Water Information System
SGMA	Sustainable Groundwater Management Act
SNMP	Salt and Nitrate Management Plan
sq. mi	square mile
SSWS	State Small Water System
State Water Board	State Water Resources Control Board
TDS	Total Dissolved Solids
USGS	United States Geological Survey
WDR	Waste Discharge Requirements

Acronym	Definition
WMP	Waste Management Plan
WWTF	Wastewater Treatment Facility
WWTP	Wastewater Treatment Plant

#### **EXECUTIVE SUMMARY**

#### E.S. 1. Background

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) has begun implementing a new Nitrate Control Program in the Central Valley that 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 Kings Water Alliance (KWA) Management Zone was established to achieve these three goals. As required by the Nitrate Control Program, the Management Zone prepared this Early Action Plan (EAP), which identifies the initial actions that will be carried out to address drinking water being used by residences in the basin with unsafe nitrate levels (**Figure ES-1**). This EAP is an updated version of the original EAP, which began implementation on May 8, 2021. This updated EAP has been prepared as part the preparation of the Final Management Zone Proposal (FMZP) for the KWA Management Zone.

The key element of this EAP, which was developed in collaboration with the community, is the Interim Replacement Water 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).

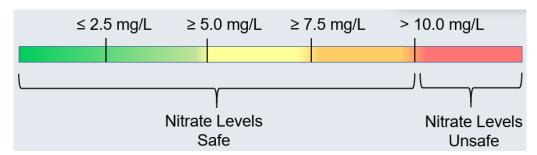


Figure ES-1. Scale Showing Nitrate Safe and Unsafe Levels





#### **E.S. 2. Identification of Nitrate-Impacted Areas**

As described in more detail within the Final Management Zone Proposal, nitrate groundwater data were requested, downloaded, and compiled using various publicly available sources and complemented by data requested from the Fresno and Tulare County Environmental Health departments<sup>1</sup>. These nitrate groundwater data compilations were categorized into depth zones, following previously-developed CV-SALTS best management practices. Wells constructed in the Upper Zone of the groundwater system and with nitrate data since the year 2000 were used to determine recent average ambient nitrate concentrations. The best readily available groundwater nitrate dataset compiled and analyzed included sample results for Upper Zone wells from January 2000 to August 2020. These nitrate data were temporally and spatially declustered for use in determining ambient nitrate conditions in the Upper Zone of the groundwater system for the Management Zone.

The Upper Zone average nitrate concentrations were used to produce a map showing the spatial interpolation (kriging using a search radius of 1.5 miles) of ambient nitrate conditions within the Management Zone for conditions between 2000 and 2020. Using this map, it is possible to locate several nitrate-impacted areas that occur within the Management Zone. These areas are defined by average recent nitrate concentrations in the Upper Zone that exceed the drinking water Maximum Contaminant Level (MCL) of 10 mg/L-N. As illustrated in Figure E.S. 1, the largest nitrate-impacted areas exist in the central and eastern portions of the Management Zone. The Management Zone recognizes that the map of ambient nitrate in the Upper Zone has inherent uncertainty and is adaptive in nature. As more Upper Zone nitrate data become available (through EAP implementation of well testing, or other monitoring programs associated with the Irrigated Lands Regulatory Program, Groundwater Sustainability Agencies, or other entities), the ambient nitrate analysis will be repeated, and the ambient map will be updated (and potentially changed) prior to the Management Zone Implementation Plan submittal date. The map of ambient Upper Zone nitrate is not intended to be a substitute for well testing or interim water replacement requirements.

<sup>&</sup>lt;sup>1</sup> Kings County was also contacted but did not have readily-available groundwater nitrate data not already contained in the public databases utilized.





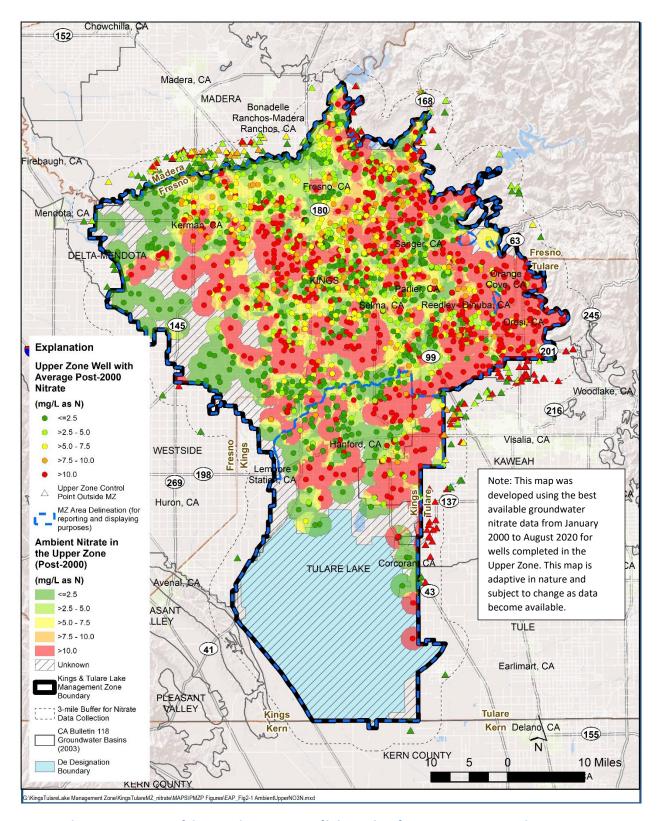


Figure ES 2. Ambient Nitrate Conditions in the Upper Zone since 2000





In addition to the map that shows several areas potentially impacted by nitrate in groundwater in the Upper Zone, the groundwater nitrate data compilation also contains all available public water system supply well nitrate sample results. From the available records downloaded from the State Division of Drinking Water<sup>2</sup>, it appears that 158 public supply wells located within the Management Zone have exceeded the nitrate MCL at some time in their record. Only 82 of those wells were considered to have an "active" status, as listed by the Drinking Water Watch<sup>3</sup>, while the others had a status of "abandoned," "destroyed," "pending," or "inactive." Delving further into the compliance status of public water systems that have had nitrate exceedances in their raw, untreated well water, yields a total of eleven (11) public water systems that are currently (as of January 2021) out of compliance due to elevated nitrate conditions (alone – 6 systems, or with a co-contaminant such as 1,2,3 TCP – 5 systems). Using the reported population served data from Drinking Water Watch for these public water systems, this translates to a total of 2,348 people served (due to nitrate alone) and 382 people served (due to nitrate plus a co-contaminant) that may be potentially impacted by elevated nitrate in their drinking water from public water systems in the Management Zone.

Continuing with this effort to identify nitrate-impacted areas, the spatial interpolation map of ambient nitrate conditions in the Upper Zone was overlain by known public water system boundaries and approximate domestic well locations. Only 14 domestic wells are plotted within known public water system boundaries. An estimate of over 6,400 domestic wells located outside of known public water system boundaries are located within mapped areas with estimated Upper Zone ambient nitrate above the safe drinking water standard (of 10 mg/L-N). Using census block data from the 2010 U.S. Census, the estimated population of residents living outside known public water system boundaries and within mapped areas with potentially unsafe drinking water (estimated Upper Zone ambient nitrate above the MCL) is over 47,600.

#### E.S. 3. Identification of Potentially Affected Areas

A key component of the EAP is identification of residents or other entities in the Management Zone that may be obtaining their drinking water from a well impacted by nitrate levels that exceed 10 mg/L-N. While the Management Zone is conducting outreach to the entire Management Zone, it is also targeting some of its outreach efforts specifically to those areas identified as being most likely impacted by elevated nitrate (nitrate levels > 7.5 mg/L-N). This targeted outreach will occur at the same time the Management Zone is implementing general community outreach activities to the entire Management Zone. The process to identify residents or other entities in potentially affected areas began immediately upon EAP

Public Supply Well nitrate data was acquired from the Division of Drinking Water
 (<a href="https://www.waterboards.ca.gov/drinking\_water/certlic/drinkingwater/EDTlibrary.html">https://www.waterboards.ca.gov/drinking\_water/certlic/drinkingwater/EDTlibrary.html</a>) accessed December 2020.
 Public Water System information was acquired from the State's Safe Drinking Water Information System
 (SDWIS) Drinking Water Watch online database (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) accessed January 2021.





implementation using the steps described. This effort will include collaborating with PWSs in the area that are not in compliance with nitrate drinking water standards.

#### E.S. 4. Community Outreach Program

The Management Zone has and will continue to engage the community on the EAP including the Interim Replacement Water Program with the overall objective to create a level of engagement and awareness with community residents and stakeholders that establishes trust and provides robust participation. The stated goals of the community outreach program are to: 1) identify and cultivate relationships with key influential individuals and organizations in the communities to amplify information from the Management Zone, 2) provide channels for input and participation that connect with residents in a way that is effective and accessible, and 3) provide accurate, easy-tounderstand, timely information on the Early Action Plan development and implementation.

The goals of the community outreach program were the guide for outreach tactics during the development of the EAP. The Management Zone conducted a series of community outreach events beginning in November 2020 to obtain input on the development of this EAP. Webinars included opportunity to ask questions and provide comments to directly engage Management Zone staff. Webinar polling was conducted to solicit input on demographics, communications preferences, and drinking water solutions. Virtual office hours were open to the public to solicit input and answer questions on EAP development. Events were promoted using varying communications methods including community flyers at key locations, community organization distribution, email, and direct mail. A survey in both English and Spanish to solicit feedback on preferred drinking water solutions was conducted and distributed via email, website, and community organization outreach using digital platforms.

The EAP submitted with the Preliminary Management Zone Proposal in March 2021 reflected the input received from the public. General community outreach has continued during EAP implementation through a variety of communications mediums including virtual and in-person community meetings, sharing information through the Management Zone's website, sharing regular updates via email to the interested persons email list, direct mail pieces, and distributing through entities that are locally collaborating with the Management Zone's efforts to provide safe drinking water. In addition to ongoing broad community outreach, the EAP includes a program to outreach directly to residences in areas most likely to have domestic wells contaminated by nitrate. A community survey to potentially impacted residents was conducted to obtain input. The KWA also presented at the AGUA meeting (February 8, 2021) on the subject of the Management Zone to an audience containing various community leaders. Since the implementation of the EAP began in March 2021, KWA has carried out a number of outreach activities including those listed above as well as attending local food banks and distributing flyers, increasing their social media presence (via Facebook and Instagram), radio spots, and in-person canvassing.





#### E.S. 5. Interim Replacement Water

The Interim Replacement Water Program provides an immediate solution for those currently experiencing unsafe levels of nitrate in their drinking water source in Priority 1 areas. However, these solutions are only temporary and will eventually be replaced by long-term, permanent solutions.

There are three key options to obtain safe water now at no cost to a resident of the Management Zone: (a) delivered or non-delivered home bottled water; (b) installation of a Point-of-Use (POU) treatment system in your home; or (c) utilizing water fill stations strategically located within the Management Zone. Regarding the first two options, a residence may receive these alternative water options if the resident can answer yes to the following three statements:

- 1. My home is in the Kings Water Alliance Management Zone;
- 2. I am willing to sign an agreement with the Management Zone's service provider; and
- 3. My well has unsafe nitrate levels (> 10 mg/L-N) (see Figure ES-1) 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 may contact the Management Zone (http://kingswateralliance.org) to request that your well be sampled at no cost to you. Results from the nitrate test, which will be provided to you will be used to determine the next steps. Most importantly, if your nitrate levels are unsafe the Management Zone will work with you immediately to obtain a safe source of drinking water. If nitrate levels are high (> 7.5 mg/L-N) but safe the Management Zone will offer the opportunity to have your well tested again at no cost to you in the future.

Finally, the Management Zone may also install additional water fill stations in the Management Zone. Three are currently operational in the Dinuba, Kerman, and Hanford areas; all fill stations use a certified source of safe and free drinking water and are available to the entire community at no cost. Based on the needs of the community, additional fill station locations may be developed through the implementation of this EAP. Through this program, the community will be made aware of the existing fill stations and the availability of additional stations, if developed.

#### **E.S. 6. Early Action Plan Implementation**

The Management Zone began implementation of the EAP on May 8, 2021. Since that time the Management Zone implemented regular community outreach activities, received numerous requests for well testing and has provided replacement water where needed, based on the





#### Kings Water Alliance Management Zone Early Action Plan

findings from those tests. The Management Zone will continue in its outreach to the community regarding the need for additional water fil stations and provide safe drinking water where well testing shows replacement water is needed.





#### 1. BACKGROUND

#### 1.1. Regulatory Requirements

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) established a Nitrate Control Program for the Central Valley Region of California that became effective January 17, 2020. One of the key goals of this Program is to ensure that a safe drinking water supply is available to residents affected by high levels of nitrate in the groundwater that is the source of their drinking water.

Implementation of the Nitrate Control Program is prioritized by groundwater subbasin. The Central Valley Water Board sent out Notices to Comply with the Nitrate Control Program to permitted dischargers (e.g., growers, dairies, poultry farms, wastewater treatment and food processing facilities) in the Priority 1 Kings, Kaweah, and Tule Subbasins on May 29, 2020. Notices to Comply will go out to Priority 2 Subbasins, including Tulare Lake, at a later date, potentially during summer 2023.

The priority for groundwater subbasins to comply with the Nitrate Control Program, and thus the schedules for program implementation, vary across the Kings Water Alliance (KWA) Management Zone. Regardless, permitted dischargers within the boundary of the Kings River Water Quality Coalition have opted to work collectively together now to establish one Management Zone to comply with all Nitrate Control Program requirements. The proposed KWA Management Zone includes the Kings and Tulare Lake Subbasins, the northwestern portion of the Kaweah Subbasin and very small portions of the Madera, Delta-Mendota, Westside, Kern County, Tule and Pleasant Valley Subbasins (Figure 1-1).

The Management Zone is required to develop an Early Action Plan (EAP), which is defined in the Nitrate Control Program as: "a plan that identifies specific activities, and a schedule for implementing those activities, that will be undertaken to ensure immediate access to safe drinking water for those who are dependent on groundwater from wells that exceed the primary maximum contaminant level (MCL) for nitrate" (Central Valley Water Board, 2020). The MCL is 10 milligrams/liter nitrate as nitrogen (mg/L-N). The provisions to provide access to safe drinking under this EAP are considered temporary and will be replaced by permanent solutions through an approved Management Zone Implementation Plan (MZIP).

The Nitrate Control Program requires that the EAP include the following elements (Central Valley Water Board, 2020):

 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;





- 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;
- 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
- A funding mechanism for implementing the EAP, which may include seeking funding from Management Zone participants, and/or local, state and federal funds that are available for such purposes.

Because the Management Zone includes both Priority 1 and 2 areas that have different implementation schedules under the Nitrate Control Program, this Management Zone will have two phases of implementation:

- Phase 1 EAP implementation is occurring first in the Priority 1 areas of the
  Management Zone that include all or part of the Kings, Kaweah, and Tule Subbasins and
  the very small adjacent Priority 2 areas in the Delta Mendota and Madera Subbasins.
  This phase began on May 8, 2021 and will continue until the EAP is replaced by the
  water replacement program established in the MZIP (anticipated in 2023).
- Phase 2 EAP implementation will be expanded to include the Priority 2 Tulare Lake Subbasin and very small adjacent Priority 2 areas in the Westside, Pleasant Valley and Kern County Subbasins, as required by the schedule established in the Nitrate Control Program.

This EAP was submitted to the Central Valley Water Board as an attachment to the Kings Water Alliance Management Zone's Preliminary Management Zone Proposal (PMZP), March 8, 2021. Phase 1 implementation began on May 8, 2021, after the EAP was conditionally approved by the Central Valley Water Board (by letter May 7, 2021).. This EAP has been updated as needed based on findings included in the Central Valley Water Board's conditional approval and experience gained since implementation began. Implementation of this EAP will later expand into Priority 2 areas of the Management Zone. Section 6.1 below provides the planned Phase 1 and Phase 2 schedules.



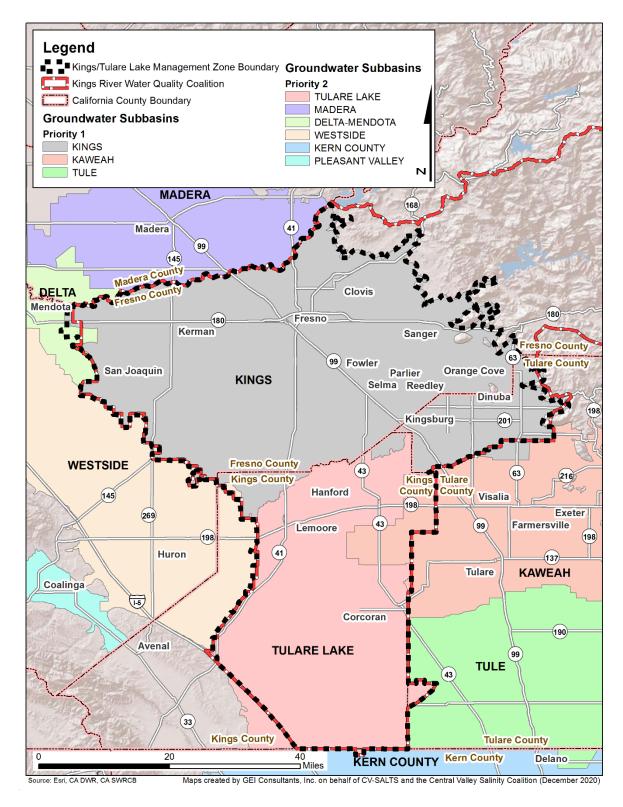


Figure 1-1. Priority 1 and 2 Groundwater Subbasins in the Kings Water Alliance Management Zone



#### 1.2. Community Outreach to Develop Early Action Plan

The KWA has implemented a comprehensive effort to reach out to the community within the Management Zone, as described in KWA's Early Action Plan Communication & Outreach Plan (**Appendix B**). Community engagement activities were conducted in a manner consistent with guidance prepared by the State Water Resources Control Board (State Water Board, 2020) (see **Appendix A**). The following sections summarize outreach completed during development of the EAP as part of the PMZP. Section 4 below describes the continued community outreach that has and will continue to occur during EAP implementation.

#### 1.2.1. Community Outreach Activities

The KWA implemented a variety of activities to involve the community in the development of the EAP during 2020-2021. To facilitate outreach efforts, the Management Zone partnered with Self-Help Enterprises (SHE) during the EAP development process. SHE provided support in the following areas:

- Translation of Community Outreach Materials
- Well Assessment Data & Outreach

Key Management Zone outreach activities completed during the original effort to development of the EAP are described below (see **Appendix B** for additional documentation). Section 4.5 of the FMZP summarizes key EAP implementation activities that have occurred since May 8, 2021.

#### 1.2.1.1. Community Outreach Meetings

Due to state directives during the COVID pandemic all community outreach meetings were held online using a ZOOM Webinar platform with Spanish translation provided. This approach is consistent with state-provided guidance (State Water Board, 2020). Two community outreach meetings were held during EAP development:

- November 19, 2020 The meeting presentation information on the following key topics:

   (a) Why do we care about nitrate?
   (b) What is the new Nitrate Control Program?
   (c) Who needs to be involved?
   (d) Where is drinking water affected? In addition to answering these questions, the EAP was introduced to the community as the mechanism to implement early actions or short-term solutions to address areas where drinking water is impacted by nitrate contamination.
- January 28, 2021 This meeting presented: (a) general information to inform the public regarding nitrate concerns in the area; (b) updated information on nitrate water quality conditions in the Management Zone area and areas where domestic wells are most likely impacted by nitrate; (b) the draft interim replacement water program planned for



implementation through the EAP, including bottled water delivery, Point-of-Use (POU) treatment system installation and water fill stations; and (c) how the public may comment on the draft EAP that is available for public review and continue to participate in the program during EAP implementation.

- February 10, 2021 A virtual office hours was held to solicit feedback from the community and answer questions. KWA Management Zone staff were available during the hour.
- February 16, 2021 A second virtual office hours was held to solicit feedback from the community and answer questions. KWA Management Zone staff were available during the hour.

**Appendix B** provides the presentations delivered at each of these meetings and summarizes meeting participation.

#### 1.2.1.2. Public Meeting Notices

The KWA conducted extensive outreach to encourage local participation in public meetings. This outreach includes community residents, non-dischargers, permitted dischargers and any other interested parties. The Management Zone maintains a contact list for all outreach (Appendix B).

For the first community outreach meeting held on November 19, 2020, the Management Zone publicly noticed the meeting through the following actions (see **Appendix B** for meeting notice examples):

- Over 6,000 direct mailers were sent to residents throughout the Management Zone
- Meeting notices in English and Spanish were posted at 16 key locations in the project area, including in the communities of Easton, Hanford, Armona, Cutler and Orosi.
- Directly inviting 11 local community leaders representing Armona, Cutler, Easton,
   Stratford, Orosi Public Utilities District, Sultana Community Services District, Raisin City,
   Monson, Zonneveld Diaries, Rolinda and East Orosi.
- Targeted outreach to the Environmental Justice Community, Fresno Bee, Fresno County and Kings County Farm Bureaus and the Tachi Yokut Tribe.

For the second community outreach meeting held on January 28, 2021, the Management Zone noticed the meeting through the following actions:

- Meeting notices in English and Spanish were posted at 52 key locations in 27 communities throughout the KWA Management Zone.
- Event notice on the KWA website.



- Targeted outreach via local Environmental Justice NGO email distribution lists to 17 local community organizations
- Targeted outreach to the Environmental Justice Community, Fresno Bee, and Fresno County Farm Bureau.
- Email outreach to the KWA Management Zone email lists.
- Outreach to KBIF 900AM Punjabi Radio, Radio Bilingue, and Hmong Radio.

Virtual Office Hours were promoted through the following actions:

- Promotion at the January 28, 2021 webinar.
- Events notices on the KWA Management Zone website.
- Email notices to the KWA Management Zone email lists.

#### 1.2.1.3. Community Survey

The KWA Management Zone collaborated with the environmental justice organization Leadership Counsel for Justice and Accountability (LCJA) to develop a survey targeted to community residents. The survey solicited feedback on preferred drinking water solutions for community residents' family, neighbors, and community. The survey was available in both English and Spanish, and was distributed via the interested persons email list, and via LCJA's communications channels including email, text message, and community Facebook group. Survey participants were assessed on their willingness to participate in specific drinking water solutions and were asked to rank their preferences. Other general information was collected including whether the survey participant was on a public water system, what community is nearest to their home, and were given the option to sign up for email updates from the KWA Management Zone Website.

#### 1.2.1.4. KWA Management Zone Website

The Management Zone maintains a website: <a href="www.kingswateralliance.org">www.kingswateralliance.org</a>. The website includes information on the Nitrate Control Program and EAP, educational information on the KWA Management Zone, links to past outreach event materials and videos, an events page to promote upcoming outreach, and includes a Storymap that provides an easily understood summary of nitrate water quality concerns in the Management Zone and ongoing efforts to develop this EAP, along with an interactive map for residents to determine which Management Zone they are located within (<a href="https://arcg.is/OHTrWK">https://arcg.is/OHTrWK</a>)

#### 1.2.1.5. Public Review Opportunities

The KWA provided stakeholders, including local community residents, the opportunity to review a public draft of this EAP. Stakeholders were notified that the public draft was available



for review and comment on January 29, 2021; comments to the Management Zone were due by February 22, 2021 in order to be included in the submittal due to the CVWB by March 8<sup>th</sup>. Comments and KWA responses to comments are provided in Attachment C of the FMZP document. Comments received after February 22 were still accepted but not incorporated in the final submittal. To notify residents of the opportunity to review this document, the following notification activities were conducted:

- The document content was presented during the Second Public Webinar on January 28, 2021 with information on how to view and comment on the public draft documents.
- Direct email of document link to list of interested parties;
- Posting of document links on the KWA website and other locations.

#### 1.3. Early Action Plan Implementation

This EAP began implementation in phases with Phase 1 beginning implementation on May 8, 2021 after the Central Valley Water board provided its conditional approval of the EAP by letter on May 7, 2021. Community outreach has occurred on a regular basis during EAP implementation; Section 4.5 of the FMZP summarizes these activities and the results to date.

The following sections provide detailed information about the above tasks as well as other activities that will be implemented through this EAP.



#### 2. IDENTIFICATION OF NITRATE-IMPACTED AREAS

#### 2.1. Groundwater Nitrate Assessment

To support the development of the Kings/Tulare Lake Preliminary Management Zone Proposal, nitrate groundwater data were requested, downloaded, and compiled using various publicly available sources, including the State Water Board's Division of Drinking Water (DDW), GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) data, the Irrigated Lands Regulatory Program monitoring data, and the previously developed Central Valley Salinity Alternatives for Long-term Sustainability (CV-SALTS) salt and nitrate database. These data were complemented by data requested from Fresno and Tulare County departments<sup>4</sup>. Groundwater data were meticulously vetted and categorized into depth zones, following previously-developed CV-SALTS best management practices, and wells completed in the Upper Zone<sup>5</sup> of the groundwater aquifer were used to determine recent average ambient nitrate concentrations for data since the year 2000. The best available groundwater nitrate dataset for Upper Zone wells consisted of publicly and non-public data between January 2000 and August 2020 for wells in the Management Zone and a three-mile buffer around the Management Zone<sup>6</sup>. These nitrate data were temporally and spatially declustered for use in determining nitrate conditions in the Upper Zone for the Management Zone.

The Upper Zone average nitrate concentrations for wells in the Management Zone were used to produce a geospatial analysis of ambient conditions across the Management Zone. This methodology involves a technique called "kriging", which utilizes known control point data and interpolates (or estimates) ambient nitrate conditions in between control points, using a search radius of 1.5 miles. Figure 2-1 shows the Kings/Tulare Lake Management Zone with the estimated ambient nitrate conditions in the Upper Zone, representing average groundwater quality conditions since 2000. The Management Zone recognizes that the map of ambient nitrate in the Upper Zone has inherent uncertainty and is adaptive in nature. As more Upper Zone nitrate data become available (through EAP implementation of well testing, or other monitoring programs associated with the Irrigated Lands Regulatory Program, Groundwater Sustainability Agencies, or other entities), the ambient nitrate analysis will be repeated, and the ambient map will be updated (and potentially changed) prior to the Final Management Zone Proposal submittal date. The map of ambient Upper Zone nitrate is not intended to be a substitute for well testing or interim water replacement requirements. For this Management

<sup>&</sup>lt;sup>6</sup> "Public and non-public" data refer to data from public and non-public entities that was either requested and/or downloaded for this data-gathering effort.



<sup>&</sup>lt;sup>4</sup> Kings County was also contacted, but did not have readily-available groundwater nitrate data that are not already published via other sources previously listed.

<sup>&</sup>lt;sup>5</sup> Upper Zone as defined by the Central Valley Water Board is, "the portion of the groundwater basins, subbasin or Management Zone from which most domestic wells draw water."

Zone, groundwater quality data for wells completed in the Upper Zone covered almost the entire area, with some small gap areas located in the west and a larger gap area in the south. The largest data gap area with unknown nitrate conditions in the Upper Zone occurs near the De-Designation Boundary in the southern portion of the Tulare Lake Subbasin<sup>7</sup>.

Using the available nitrate dataset, there are several nitrate-impacted areas that occur within the Management Zone; these are defined by average recent nitrate concentrations in the Upper Zone exceeding the drinking water Maximum Contaminant Level (MCL) of 10 mg/L nitrate as N. **Figure 2-1** depicts these nitrate-impacted areas (see Section 3 of Chapters 2 and 3 of the Preliminary Management Zone Proposal for information regarding the development of Figure 2-1). The largest nitrate-impacted areas exist in the central and eastern portions of the Management Zone.

#### 2.2. Potentially Impacted Public Water Supply Wells

#### 2.2.1. Public Water Supply Wells in the Management Zone

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

Table 2-1. Classification of Drinking Water Systems by Constituency, Connections, and Duration of Service per Year (adapted from Boyle et al. 2012)									
Duration Connections			< 5 5 + < 15 15				< 200	200 +	
of Service	Persons Serve	ed:		25 +					
N/A	Small Water System (SWS) <sup>1</sup>	,	Connections						
< 60 days/year	Local Small Water System	Defined B <sub>\</sub>	Connections & (persons, duration)						
< 60 days/year	State Small Water System	Classification	Connections & (persons, duration)						
>= 60 days/year	Community Public Water System (PWS) <sup>2</sup>	Clas		Connec	ctions or (p duration)	ersons,			

<sup>&</sup>lt;sup>7</sup> See the Kings Water Alliance Management Zone Preliminary Management Zone Proposal (2021) for additional information.



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- <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, but must have less than 200 connections.
- <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 PWS, which are regulated by the State Water Board's 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 on the State Water Board website<sup>8</sup>.

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. Typically, 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 any easily accessible format. Many counties require a fee for data retrieval for these systems. Typically, 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.

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.

Elevated nitrate concentrations have been found in many PWS wells in the Kings/Tulare Lake Management Zone. The State Water Board's Drinking Water Source and Water Systems identification documentation was accessed via the internet<sup>9</sup> to provide water system information that complements water quality data from the DDW. Together, these two sources provide information on how many systems have 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 (accessed December, 2020), 158 public supply wells in the Management Zone have

<sup>&</sup>lt;sup>9</sup> https://sdwis.waterboards.ca.gov/PDWW/ accessed January 2021.



<sup>&</sup>lt;sup>8</sup> https://data.ca.gov/dataset/drinking-water-public-water-system-information, accessed October 2021

exceeded the MCL for nitrate. Of those, 82 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 wells (three wells), destroyed wells (19 wells), pending a status assignment (three wells), or inactive (51 wells).

Active wells that have experienced nitrate concentrations exceeding the MCL are located throughout the Management Zone (Figure 2-2a), especially in the central and eastern Kings Subbasin portion (Figure 2-2b), and northern Tulare Lake Subbasin portion (Figure 2-2c).

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. **Figure 2-2a, b,** and **c** 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).

Table E-1 in **Appendix E** lists the 158 public supply wells from the DDW database that have experienced nitrate concentrations that have exceeded the MCL one or more times in their period of record. This table provides:

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

Table E-2 in **Appendix E** provides the list of 85 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 135,693);



- 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.

#### 2.2.2. Delivered Water Treatment Status of Public Water System Wells

Although there are some active wells that have been tested for nitrate with results indicating nitrate concentrations have exceeded the MCL of 10 mg/L nitrate as 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 arsenic, manganese, or organic chemicals). PWS typically treat elevated nitrate by using blending, reverse osmosis (RO; membrane technology), ion exchange (IX), granular activated carbon (GAC), or biological or chemical nitrate removal via denitrification (less common). Out of the 85 Public Water Systems located within any portion of the Management Zone, 44 of these systems have treatment capabilities as indicated by having a treated source in the DDW records. 20 of the 44 systems have some form of treatment that might treat nitrate (e.g., blending, reverse osmosis, granular activated carbon, ion exchange).

Table E-3 in **Appendix E** summarizes the water system treatment information that is available from DDW. **Figure 2-3** shows the Management Zone and the public supply wells that have exceeded the nitrate MCL; the circled water systems have treated water sources (according to well status data from DDW) that might treat for nitrate. The color of the circle indicates



whether the water system has had a nitrate sample from a treated source that exceeds the MCL (greater than 10 mg/L as N).

#### 2.3. Potentially Impacted Public Water Systems

Public supply wells impacted by nitrate have been identified, and information about treatment status has been summarized. Based on further investigation of public water systems with potential nitrate issues, it is possible to determine current compliance status. If a public water system 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).

The Human Right to Water Data Portal (also through the State Water Board, <a href="https://www.waterboards.ca.gov/water-issues/programs/hr2w/">https://www.waterboards.ca.gov/water-issues/programs/hr2w/</a>, accessed January 2021) provides a GIS point shapefile of public water systems and their compliance status (as of November 2020). The Human Right to Water Portal map file represents information available on community and non-transient non-community public drinking water systems that are regulated by the State Water Board or Local Primacy Agency (LPA). Public drinking water systems included in this dataset have had or are in exceedance of a federal/state primary or secondary drinking water standard between January 2012 to November 2020. The State Water Board's regulatory authority does not include water systems that are defined as "state small water systems", "local state small water systems", or private domestic wells.

The Human Right to Water Data Portal does not indicate specifics as to why public water systems may be out of compliance. This information is available, however, through individual investigation of each public water system through the Drinking Water Watch website. Using a combination of information gleaned from data summarized in Section 2.2, (public supply wells with nitrate data from the Division of Drinking Water), the Human Right to Water Data Portal, and the Drinking Water Watch website, the compilation of the compliance status of all public water systems in the KWA Management Zone can be seen in **Appendix E Table E-4**. This table illustrates that besides nitrate, there are several other chemicals that are causing Public Water Systems to be out of compliance (1,2,3 TCP, Uranium, Arsenic, etc.). The following summary table was developed that indicates compliance status lists Public Water Systems in the KWA Management Zone that are currently (as of January 2021) for each public water system in the Management Zone out of compliance due to nitrate or nitrate PLUS a co-contaminant (such as 1,2,3 TCP or Perchlorate) (Table 2-2).

If public water systems 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. A total of six (6) public water systems are currently out of compliance (as of July 2022): three (3) due to nitrate issues alone; and three (3) due to nitrate PLUS additional cocontaminants (such as 1,2,3 TCP). This translates to a total population served of 1,109 from public water systems currently out of compliance (as of July 2022) due to nitrate contamination



# Kings Water Alliance Management Zone Early Action Plan

alone; and a total population served of 233 from public water systems currently out of compliance (as of January 2021) due to nitrate PLUS additional co-contaminants.



Table 2-2. Public Water Systems that are Currently Out of Compliance (as of July 14, 2022) due to Nitrate or Nitrate PLUS Co-Contaminant, by System Name

	Contaminant, 2, 3, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,										
PWS ID	PWS Name	Number of Connecti ons (Source:	Popula tion Served (Sourc e:	Violation Type (SDWIS	Violation Chemical(s) (SDWIS	Most Recent Date of Violation	MCL Exceedance		Non- MCL Violati	Pop. Served by Out-of- Compliance	Pop. Served by Out-of- Compliance PWS due to
		HR2W or SDWIS DWW)	or SDWIS DWW)	DWW)	DWW)	(SDWIS DWW)	Nitrate Only	Nitrate PLUS Co- Contami nant	on	PWS due to Nitrate Only	Nitrate PLUS Co-Contam.
	DEL ORO WATER										
	CO -										
	METROPOLITAN					4/18/2022					
CA1000057	DISTRICT	29	96	MCL	Nitrate		Х			96	
	EAST OROSI										
	COMMUNITY			Permit							
	SERVICES			Violation,		4/11/2022,					
CA5401003	DISTRICT	103	932	MCL	Nitrate	4/28/2022	Х		Х	932	
	FCSA				4 2 2 705	10/01/0010					
644000554	#10A/MANSIONE	20	04	NACNI NACI	1,2,3-TCP,	12/24/2018,	V		V	04	
CA1000554	TTE ESTATES	29	81	MON, MCL	Nitrate	4/20/2022	Х		Х	81	
	BOOTH RANCHES			Public Notice,	Nitrate,	10/22/2021, 4/7/2022,					
CA5403211	LLC	3	150	MCL, MCL	1,2,3-TCP	4/7/2022,		Х	х		150
CA3403211	LLC	3	130	MCL,	1,2,3-10	4///2022		^	^		130
				Public							
	FAMILY TREE			Notice,	Nitrate,	11/16/2021,					
CA5403041	FARMS	3	30	MCL	1,2,3-TCP	4/11/2022		Х	Х		30
					Nitrate,	4/26/2022,					
CA5400526	WESPAK, INC.	6	53	MCL	1,2,3-TCP	6/1/2022		Х			53
	,								Total:	1,109	233
										,	



#### 2.4. Potentially Impacted Domestic Wells and Local Small Water Systems

**Figures 2-2** and **2-4** illustrate the locations of potentially impacted domestic wells and areas of elevated nitrate (7.5 mg/L to 10 mg/L as N, and > 10 mg/L as N). These areas were used along with DWR's domestic well locations based on Well Completion Reports<sup>10</sup>. The approach to identify potentially impacted domestic wells and local small water systems utilizes Public Water System service area GIS map coverages, which are only available for larger systems. Of the 175 known Public Water Systems within the Management Zone, only 128 have mappable service areas (based on Public Water System service boundary GIS data from the California State Geoportal<sup>11</sup>). Public Water System boundaries are not the same as city limits, although most large cities do have their own Public Water System, with mapped service areas. Domestic wells located within the boundaries of a PWS were identified even though they may not be used for drinking water (**Figure 2-2**). 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 approximately 4,858 domestic wells located within the PWS residential service areas in the Upper Portion of the MZ and 216 domestic wells in PWS service areas in the Southern Portion of the MZ. It is unknown whether any of these wells are still being used even though they are potentially in a PWS area<sup>12</sup>. The number of domestic wells outside of PWS service areas far outweighs those of unknown use status within PWS service areas. Smaller Public Water Systems 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 wells potentially impacted by elevated nitrate, domestic wells were placed into six groups:

- Group 1 Groundwater in the Upper Zone with nitrate as N at or below 2.5 mg/L;
- Group 2 Groundwater in the Upper Zone with nitrate as N above 2.5 mg/L as N and at or below 5.0 mg/L;
- Group 3 Groundwater in the Upper Zone with nitrate as N above 5.0 mg/L and at or below 7.5 mg/L;

<sup>&</sup>lt;sup>12</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.





<sup>&</sup>lt;sup>10</sup> Many domestic well locations provided by DWR's Well Completion Report database may not be exact locations, but rather many wells are plotted 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>&</sup>lt;sup>11</sup> https://gis.data.ca.gov/datasets/waterboards::california-drinking-water-system-area-boundaries-2, accessed November, 2020.

- Group 4 Groundwater in the Upper Zone with nitrate as N above 7.5 mg/L and at or below the MCL of 10 mg/L;
- Group 5 Nitrate as N exceeding the MCL of 10 mg/L in the Upper Zone; and
- 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 wells 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. **Table 2-3** summarizes 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 groundwater that may have elevated nitrate, 2010 census block data were mapped and joined with the ambient Upper Zone nitrate concentrations occurring outside of PWS boundaries. The 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 concentrations described above). **Table 2-3** summarizes 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.



Table 2-3. Summary of Domestic Wells and Population with Estimated Upper Zone Nitrate Area Categories										
Estimated Upper Zone Ambient Nitrate (2000- 2020)**	D'	WR Domestic	Wells Located Oเ	utside PWS B	DWR Dom. Wells Within PWS Boundaries	2010 Census Block Analysis (outside PWS service areas)				
	Kings Subbasin Portion of Domestic Wells Outside PWS Boundaries	% of Total Kings Domestic Wells Outside PWS	Tulare Lake Subbasin Portion of Domestic Wells Outside PWS Boundaries	% of Total TL Domestic Wells Outside PWS	Within De- Designati on Boundary Areas	Total Domestic Wells in MZ Outside PWS	Total Domestic Wells in MZ Within PWS	Kings Subbasin Portion Population Outside PWS Boundaries	Tulare Lake Subbasin Portion Population Outside PWS Boundaries	Total MZ Population Outside PWS Boundaries
Group 1: <=2.5 mg/L as N	1,685	13.7%	513	25.7%	3	2,198	870	12,257	21,633	33,890
Group 2: >2.5 - 5.0 mg/L as N	1,611	13.1%	219	11.0%	0	1,830	1,203	12,555	2,886	15,441
Group 3: >5.0 - 7.5 mg/L as N	1,748	14.2%	156	7.8%	0	1,904	765	11,873	764	12,637
Group 4: >7.5 - 10.0 mg/L as N	1,598	13.0%	88	4.4%	0	1,686	736	9,688	823	10,511
Group 5: >10.0 mg/L as N	5,491	44.7%	935	46.8%	3	6,426	1,457	38,416	9,238	47,654
Group 6: Unknown*	156	1.3%	85	4.3%	14	241	43	669	893	1,562
Total (Outside PWS Boundaries)	12,289	100.0%	1,996	100.0%	20	14,285	5,074	85,458	36,236	121,695

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

<sup>\*\*</sup>Ambient nitrate levels are based on best available groundwater nitrate data meticulously vetted at the time of analysis and is based on Upper Zone nitrate data from January 2000 to August 2020. These mapped nitrate levels are subject to change and are therefore adaptable, as new data become available.





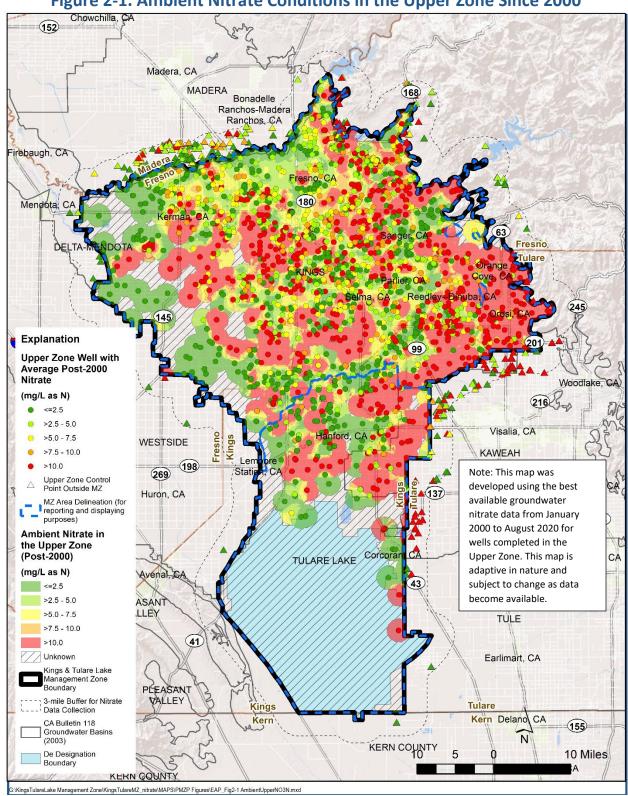


Figure 2-1. Ambient Nitrate Conditions in the Upper Zone Since 2000





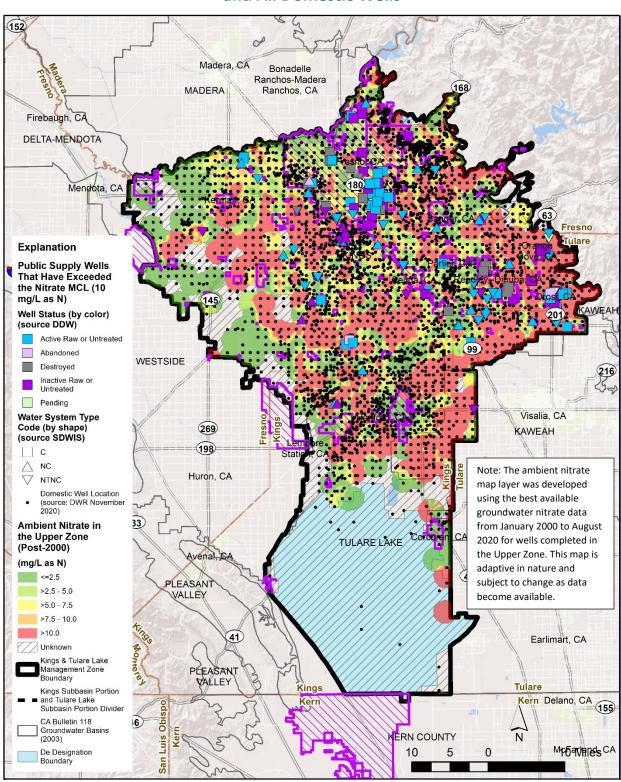


Figure 2-2a. Potentially Impacted Public Water Supply Wells and All Domestic Wells



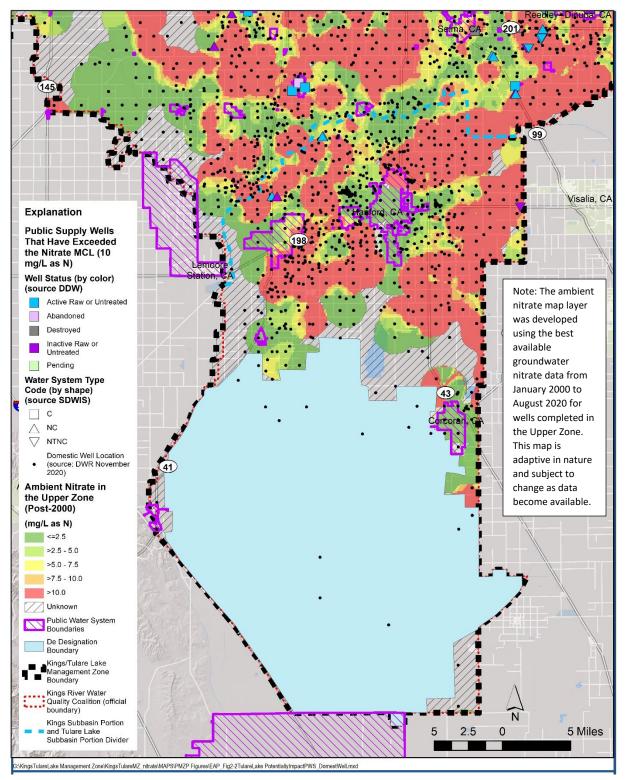
Explanation Madera, CA Public Supply Wells That Have Exceeded the Nitrate MCL (10 mg/L as Bonadelle Ranchos-Madera Ranchos, CA Well Status (by color) (source DDW) Active Raw or Untreated Abandoned Destroyed Inactive Raw or Untreated Pending Water System Type Mendota, CA Code (by shape) (source SDWIS) ∧ NC √ NTNC Domestic Well Location
• (source: DWR November Ambient Nitrate in the Upper Zone (Post-2000) (mg/L as N) <=2.5 >2.5 - 5.0 >5.0 - 7.5 >7.5 - 10.0 >10.0 Unknown Public Water System
Boundaries Note: The ambient nitrate map layer was developed Woodlake, Kings/Tulare Lake using the best available Management Zone groundwater nitrate data Kings River Water Quality Coalition (official from January 2000 to August boundary) 2020 for wells completed in Kings Subbasin Portion Visalia, CA the Upper Zone. This map is and Tulare Lake Subbasin

Figure 2-2b. Potentially Impacted Public Water Supply Wells and All Domestic Wells, Kings Subbasin Portion of the Management Zone



adaptive in nature and subject to change as data become available.

Figure 2-2c. Potentially Impacted Public Water Supply Wells and All Domestic Wells, Tulare Lake Subbasin Portion of the Management Zone







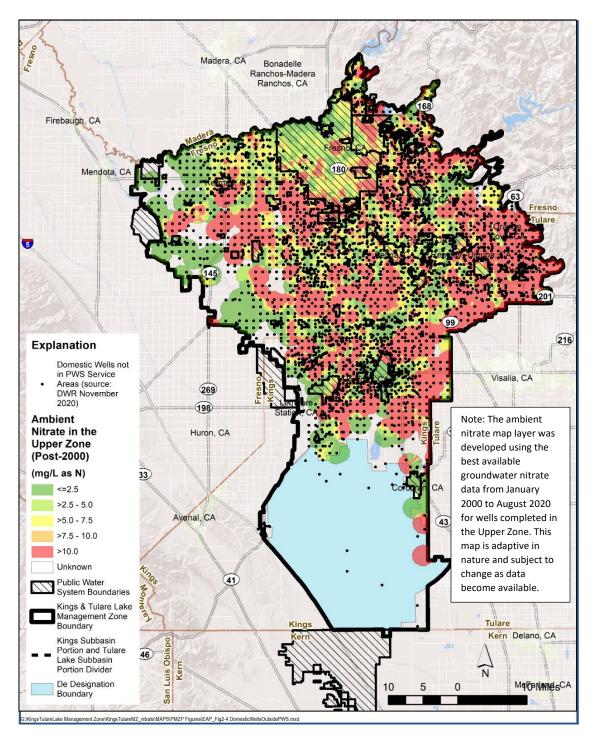
Madera, CA Bonadelle MADERA Ranchos-Madera Ranchos, CA 101000 Firebaugh, CA Blending, GAC, and RO 1010001 GAC, and IX DELTA-MENDOTA Mendota, CA 1000629 Blendi 5403211 1010027 1000625 GAC Unk GAC Explanation 5403046 Water Systems with Possible 5402047 Blending 5403041 (treatment method listed) No record of treated 5400917 5402024 IX 5403043 Blending 6 **Public Supply Wells** That Have Exceeded the Nitrate MCL (10 mg/L as Note: The ambient nitrate map layer was WESTSIDE Well Status (by color) (source DDW) developed using the 269 best available Active Raw or Untreated Abandoned groundwater nitrate 198 Destroyed data from January Inactive Raw or Untreated 2000 to August 2020 137 Huron, CA Pending for wells completed Water System Type in the Upper Zone. Code (by shape) (source SDWIS) This map is adaptive С in nature and subject TULARE LAKE Cort △ NC to change as data V NTNC Avenal, CA become available. Ambient Nitrate in the Upper Zone (Post-2000) 43 LEASANT TULE VALLEY (mg/L as N) <=2.5 >2.5 - 5.0 >5.0 - 7.5 41) Earlimart, CA >7.5 - 10.0 >10.0 PLEASANT Unknown VALLEY Public Water System Boundaries Tulare Kern Delano, CA Kings & Tulare Lake Management Zone Boundary Obispo RN COUNTY Luis CA Bulletin 118 Groundwater Basins (2003) MatoniesCA 10 0 San ngsTulareLake Management Zone\KingsTulareMZ\_nitrate\MAPS\PMZP Figures\EAP\_Fig2-3 TreatmentStatusforPWSwithNO3N

Figure 2-3. Treatment Status for Water Systems that have Wells with Nitrate-Impacted Samples





Figure 2-4. Domestic Wells Located Outside Public Water System Areas in the Kings/Turlock Lake Management Zone







#### 3. IDENTIFICATION OF POTENTIALLY AFFECTED AREAS

A key component of the EAP is identification of residents or other entities in the Management Zone that may be obtaining their drinking water from a well impacted by nitrate levels that exceed 10 mg/L-N. While the Management Zone conducts outreach to the entire Phase 1 Management Zone area, the Management Zone will target some of its outreach efforts specifically to those identified as being most likely impacted by elevated nitrate, i.e., in areas where nitrate is most likely to exceed 7.5 mg/L as N. This targeted outreach will occur at the same time the Management Zone is implementing general community outreach activities to the entire Management Zone. The process to identify residents or other entities in potentially affected areas began immediately upon EAP implementation using the steps described in the following subsections.

### 3.1. Process to Identify Affected Residents

Figure 2-1 identifies the portions of the Management Zone where nitrate conditions in the Upper Zone of the groundwater system likely exceed 7.5 mg/L-N (see orange and red-colored areas). Except for those areas which are served by a nitrate compliant PWS (e.g., around the City of Fresno), the residences in these orange and red-colored areas are most likely to be served by a domestic well that has unsafe nitrate levels. This EAP applies to the entire Management Zone; however, implementation of this EAP will include phased targeted outreach to residents in the orange and red-colored areas – first within the Phase 1 area and later within the Phase 2 area (see EAP schedule in Section 6.1). Regardless of this phasing, anyone within the Management Zone may contact the Kings Water Alliance at any time to discuss the opportunity to participate in the Interim Replacement Water Program.

The Management Zone will implement the following stepwise process to identify residences that may have a domestic well or may be connected to a PWS that is not compliant with the nitrate drinking water standard. The information developed to identify domestic wells and small water systems (see Section 2.4 above) in nitrate-impacted areas provides a starting point for the work described below. The outcome of this process will be information needed to target EAP outreach to those residents most likely served by a drinking water source that has high nitrate levels. As nitrate data are received from this EAP's well testing program, these data will be incorporated into the Management Zone's database and used to support periodic reevaluations regarding whether targeted outreach should include additional areas.

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

Public databases that provide PWS boundary information are often not accurate. Therefore, in Step 1, the Management Zone utilized publicly available PWS boundaries for mailing to Assessor





Parcel Numbers (APN) and addresses. After the initial mailing using APN data, KWA switched to rural residential mailing routes provided by the U.S. Postal Service for additional mailing.

To identify the parcels within the Management Zone, county assessor parcel GIS data was attained. The GIS-based parcel data was overlaid with the publicly available PWS data and groundwater nitrate water quality characterization data. The outcome provided a map list of APNs and addresses reflecting residents identified to be in areas where nitrate is most likely > 7.5 mg/L-N and not served by a PWS.

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

Each PWS will be evaluated to determine if it is compliant with the nitrate water quality standard (Note: An initial evaluation was completed during development of the PMZP; the findings from this effort have been updated for the FMZP). Parcels located within nitrate compliant PWS boundaries will be removed from further evaluation. If it is unclear whether the PWS is in compliance with the nitrate requirements, the associated parcels will be retained. After Step 2, all remaining parcels should meet the following criteria:

- Located within the 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 relevant 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. The resulting spreadsheet will be provided to a third-party vendor to generate a mailing list. The outcome will be a preliminary mailing list to be used for targeted resident outreach activities, as described below.

#### Step 4: Identify Targeted Residences Subject to Existing Well Testing Program

The ILRP required that growers in the Tulare Lake Basin begin monitoring domestic (drinking water) wells on their enrolled parcels for nitrogen in 2020. The purpose of this monitoring is to identify drinking water wells that have nitrate concentrations exceeding 10 mg/L-N and notify well users of the potential for human health risks if the water is used for drinking or cooking.

Under Step 4, the preliminary mailing list created under Step 3 will be evaluated to determine if any residences included on the target list have already had their well tested under the existing well sampling program. For residences identified under this step: (a) if the well test result exceeded 10 mg/L-N, the Management Zone will include them on the targeted outreach mailing list to inform them of the EAP and interim replacement water options available to them (if replacement water is still needed); or (b) if the test result is ≤ 7.5 mg/L, then they will not be





targeted for direct outreach under the EAP. However, their well will continue to be re-tested as required under the ILRP (see also Section 5.3).

#### 3.2. Process for Non-Compliant Public Water Systems

The EAP is also intended to address situations where a PWS is non-compliant with the nitrate drinking water standard. Corona Environmental Consulting, LLC (2021) recently completed a review of PWSs within the Management Zone. The study identified five PWSs within the Kings Subbasin portion of the proposed Management Zone that potentially have unresolved nitrate compliance concerns. Management Zone collaboration with representatives of these PWSs has been initiated with the first step being a request for information to determine status of efforts by each non-compliant PWS to comply with drinking water standards. During development of the Management Zone's MZIP, coordination will continue so that potential drinking water solutions for these PWSs are considered within broader efforts to develop drinking water solutions in the Management Zone. If any other PWS is found to be non-compliant with nitrate standards during EAP implementation and MZIP development, the Management Zone will coordinate with them as needed.

As of July 14, 2022, there were 215 Public Water Systems with known service area boundaries in the KWA Northern Portion. 142 of those systems are in compliance, and 73 systems out of compliance (as of July 14, 2022). Three of those systems are out of compliance due to nitrate MCL exceedances; three additional systems are out of compliance due to nitrate plus a cocontaminant exceeding an MCL. 35 systems have experienced MCL exceedances due to other contaminants (non-nitrate), and 39 systems are out of compliance due to non-MCL violations (such as monitoring or reporting). Seven systems have both MCL and non-MCL violations. In terms of population, 249,321 people are served by an out-of-compliance system; 1,109 of those are due to nitrate alone; and 233 are due to nitrate plus a co-contaminant. See the **Appendix E**, **Table E-4** for more details about these water systems and their compliance status and violations.

Within the KWA Southern Portion, there are only 10 Public Water Systems with known service area boundaries. 3 of these systems are out compliance; 1 is out of compliance due to a monitoring violation (non-MCL), and the other two due to MCL exceedances of Total Trihalomethanes (TTHM). None are out of compliance due to nitrate exceedances. See the **Appendix E, Table E-4** for more details about these water systems and their compliance status and violations.





#### 4. COMMUNITY OUTREACH PROGRAM

Section 1.2 above summarized the community outreach activities completed to support the development of the EAP during preparation of the PMZP. Community outreach continues during EAP implementation to obtain additional community input. The outcome of these efforts have been considered in the preparation of this updated EAP.

### 4.1. Information Sharing

The Management Zone shares information with stakeholders, including community residents, with interests in the implementation of this EAP through several mechanisms, as described in the following subsections.

### 4.1.1. Management Zone Website

The KWA maintains a website: <a href="http://kingswateralliance.org/">http://kingswateralliance.org/</a>. This website serves two key purposes. It provides a: (a) mechanism for residents to notify the Management Zone that they would like to receive notifications of upcoming outreach events and mailouts of program information; and (b) place to post the following information:

- Planned community outreach-related activities and how to participate.
- Schedule for implementation of EAP's interim replacement water program.
- Information regarding how to have your well tested for nitrate at no cost to the resident.
- Interim Replacement Water Replacement water program information, including, e.g., (1) how to receive bottled water deliveries at your home; (2) how to have a POU System installed in your home; and. (3) locations of and procedures to use the existing operational water fill stations and information on the development status of any new water fill stations in the area;.
- Informational materials such as fact sheets, community flyers or other materials that can be used individually or shared with others.
- Frequently Asked Questions (FAQs) regarding relevant Nitrate Control Program activities, e.g., phasing of EAP implementation and Management Zone development.

# 4.1.2. Materials Development & Distribution

The Management Zone will prepare informational materials on an as needed basis to support implementation of this EAP (e.g., FAQs or "how to" instructions for topics such as how to have your well tested, how to request bottled water delivery or installation of a POU System, or how to access and operate a water fill station). These materials will be posted on the website and, as





needed, provided to stakeholders within the Management Zone to facilitate information sharing. Any posted documents will include both English and Spanish translations when feasible. Other language translations will be developed, if the need is identified.

### 4.2. Community Outreach Activities

The Management Zone will conduct periodic community outreach meetings to support EAP implementation (see Section 6.1 for implementation schedule). Upcoming meeting schedules will be shared with the community during outreach activities and through website postings.

## 4.2.1. General Community Outreach Meetings

General community outreach meetings were held during development of this EAP (information was provided in both English and Spanish to the maximum extent practicable; other language support was provided, if determined necessary). Opportunities to participate in these meetings continues during EAP implementation. Unless restrictions still exist due to government directives related to the COVID pandemic, meetings will be held in-person. In time, meetings may vary between in-person, virtual (or potentially a hybrid of the two options) depending on the need/purpose of the meeting. **Table 4-1** summarizes the activities that will be implemented by the Management Zone to conduct each meeting. The content of each meeting may vary, but the primary purpose of these meetings is to inform the community of the following:

- Phasing of EAP implementation across the Management Zone;
- Overall status of implementation of EAP activities under each phase;
- Opportunity for residents with a domestic well with nitrate at a concentration greater than 10 mg/L-N to participate in or access services from the interim replacement water programs;
- Obtain input from the community on how implementation of the EAP can be improved;
- Status of next steps in the Nitrate Control Program, e.g., development of FMZP and MZIP; and
- Schedule for subsequent meetings and upcoming milestones.

The Management Zone will notify the public of EAP-related community outreach events (at a minimum in both English and Spanish) through the use of one or more of the following methods:

- Email to residents that have registered with the KWA to receive information.
- Postings on the Management Zone website and the websites of organizations that have partnered with the Management Zone to share information.
- Social media networks, e.g., Facebook, Twitter, or Nextdoor.





- Direct mail to Management Zone residents, using cost effective methods.
- Public announcements, e.g., through newspaper notices in local and regional media or radio advertisements 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.
- Others, as determined by the Management Zone.





Table 4-1. Process to Conduct Community Outreach Meeting					
Task	Primary Activities				
1. Address meeting logistics (if meeting is virtual, 1a will not be necessary)	<ul> <li>a. Secure public venue for in-person meeting</li> <li>b. Prepare and send out "save the date" meeting notice at least 10 days in advance of the meeting date (English and Spanish); post same information on the website</li> <li>c. Send out follow-up meeting notice in English and Spanish within 3-4 days of the meeting date</li> <li>d. Send out meeting notice flyers to other supporting stakeholders to email their internal email list, post on bulletin boards or post on their websites</li> </ul>				
	e. Secure necessary translation services for meeting				
Prepare meeting     materials	<ul> <li>a. Prepare, as needed, meeting agenda, handouts, PowerPoint presentation materials specific to the purpose of the meeting</li> <li>b. Bring copies of any Management Zone informational materials for distribution at the meeting (if in- person)</li> </ul>				
Post follow-up information as needed after outreach meeting	Post meeting presentation materials and handouts to Management Zone website (Note: If meeting was virtual, also post a recording of the meeting on the website)				
Follow-up directly with meeting participants after meeting, as needed	<ul><li>a. Follow-up on action items from the meeting</li><li>b. Respond to post-meeting emails/inquiries</li></ul>				

## 4.2.2. Targeted Resident Outreach

Section 2 identifies areas within the Management Zone where nitrate concentrations in the Upper Zone of the underlying groundwater are most likely to exceed 10 mg/L-N (e.g., see Figure 2-1). The Management Zone will conduct additional outreach (in addition regular, ongoing outreach to the entire Management Zone) to target residents in these areas that are not served by a PWS that is compliant with state and federal nitrate drinking water regulations. This targeting will occur in phases with Phase 1 areas being targeted first (see discussion of EAP implementation schedule in Section 6.1). Section 3.1 describes the process for identifying the





residents within Phase 1 and Phase 2 target areas for the purpose of developing a targeted mailing list for direct residential outreach.

The Management Zone will send the following information to each household on the targeted residential outreach mailing list (at a minimum, information will be provided in both English and Spanish):

- Cover letter that explains the EAP and how its implementation may apply to their residence.
- Educational materials regarding nitrate in drinking water as a potential health concern.
- Provide information about options available to obtain interim replacement water and, if needed, have their domestic well tested for nitrate (these materials will make clear that where well testing is needed it will be done at no cost to the resident).
- Information about opportunities to participate in EAP implementation and development of long-term drinking water solutions.
- Contact information for a representative of the Management Zone and website where the resident can obtain more information (Management Zone will have Spanishspeaking representative available, as needed). A Management Zone representative will be available to address questions during day and evening hours.

The Management Zone will conduct additional outreach to targeted residents that have not responded in some manner to the initial mailout of information. Additional outreach to non-respondents included a second mailout in the form of a postcard containing information (unless previous mailed information was returned as undeliverable). The Management Zone will also look for additional opportunities to share information at locations where people gather in the local area, e.g., local community centers, schools, houses of worship, or farm labor centers.

## 4.3. Coordination with Non-Dischargers

The Management Zone coordinates with entities that are not dischargers subject to the requirements of the Nitrate Control Program but have a potential role in ensuring residents have access to safe drinking water. This collaboration helps the Management Zone:

- Identify potentially affected residents to target for outreach;
- Implement the interim replacement water program;
- Support outreach activities to all residents within the Management Zone;
- Prepare outreach materials tailored to the constituencies associated with nondischargers;
- Inform other interested parties of EAP-related activities ongoing in the area, e.g., Fresno and Tulare County Boards of Supervisors, Fresno and Tulare County Public Health





Departments, other appropriate County departments, trade groups, local community organizations, etc.

- Keep 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;
- Apply for grants that support not just implementation of the Nitrate Control Program but other area programs to ensure the community has safe drinking water; and
- Develop long-term solutions for providing safe drinking water to residents in the Management Zone.

**Appendix B** has a list of stakeholders including community residents that the Management Zone has been coordinating with during EAP development and implementation. This list will be added to as other stakeholders are identified over time. During EAP implementation all entities on the interested parties list will continue to receive notices of EAP-related activities and will be invited to all community outreach meetings.

#### 5. INTERIM REPLACEMENT WATER PROGRAM

This section describes the specific early actions the Management Zone is implementing per the EAP schedule to provide interim replacement water for residents who are dependent on groundwater from wells that supply water that has a nitrate concentration of > 10 mg/L-N. The regulatory requirements for the Nitrate Control Program dictate the schedule for Priority 1 areas within the Management Zone, which will be addressed immediately during implementation of the EAP. Priority 2 areas within the Management Zone will be addressed at a later date <sup>13</sup>. These actions are considered temporary, but they will remain available until permanent sources of safe drinking water become available within the Management Zone.

## **5.1. Interim Replacement Water Program Options**

The KWA will implement a replacement water program that has two key components that will be implemented in parallel to meet the needs of as many residents as possible and as quickly as possible:

 Replacement water options designed to meet individual household needs including: (a) bottled water delivery; and (b) installation of a POU System in the home (where appropriate).

<sup>&</sup>lt;sup>13</sup> The Nitrate Control Program requires the Central Valley Water Board to send Notices to Comply to dischargers and irrigated agricultural lands coalition groups that are within the boundaries of the identified Priority 2 basins within two to four years after the effective date of the Nitrate Control Program. Notices to Comply in Priority 2 areas are currently expected to be sent out sometime in 2023.





• Implementation of water fill stations to meet additional community needs.

The sections below describe each of these program components and how they are being implemented through the EAP. Section 6 provides the schedules for implementation of this program in the Priority 1 and Priority 2 areas within the Management Zone.

### **5.1.1.** Bottled Water Delivery Program

The Management Zone offers a bottled water delivery program to meet household-specific water needs. Section 5.2 below describes how a residence can participate in this program. In general, residents participating in the program will:

- Receive regular deliveries of bottled water from the Management Zone's bottled water vendor at no cost to the residents.
- Establish any necessary agreements and schedules with the Management Zone's vendor(s) to implement service at their residence. It is anticipated the vendor providing the bottled water service will: (a) provide a hand pump to the resident at no cost during the initial delivery; (b) deliver 5-gallon water bottles on a regular schedule; and (c) pick-up the empty bottles (Note: Smaller sized bottle options, e.g., 3-gallon, may also be available).
- Receive an initial volume of 60 gallons/month of water at their home. Through
  coordination with the Management Zone, this initial volume may be increased or
  decreased based on the needs of each household.

As noted above, each resident is responsible for establishing any necessary agreements with the vendor and complying with the terms and conditions of any signed agreements. However, the Management Zone will assist residents as needed with any questions or issues that arise during the establishment of the agreement with the Management Zone's vendor.

# 5.1.2. Point of Use Treatment System Program

The Management Zone may offer a program to install and operate a POU System in a residence at no cost to the resident to meet household-specific water needs. In general, a residence participating in this program would have a POU System installed at an appropriate location in the residence to provide the household with water for drinking and cooking (e.g., under the kitchen sink). Section 5.2 below describes how a residence can participate in this program.

Every request for POU System installation requires careful evaluation to be sure the appropriate treatment system can be installed in the household. In addition, a POU System cannot be considered for installation without additional water quality analyses that test for the full range of water quality contaminants known to potentially occur in groundwater in the subbasin. In some cases, for example due to a lack of necessary data or site-specific





circumstances a POU System may not be a viable interim replacement water option for the residence. Reasons why installation of a POU System may not be a viable option include, but may not be limited to:

- Inadequate incoming pressure to the treatment system;
- High nitrate levels (typically > 20 mg/L as N) that limit the effectiveness of the POU
   System to treat the water to a safe level;
- Presence of other contaminants besides nitrate that limit the effectiveness of the POU
   System and/or are not treatable through a POU System; and
- Inability to ensure that a robust POU System service plan can be implemented at the residence.

To support the POU System Program, the Management Zone will coordinate with DDW and the vendor(s) as needed to assist with POU System technical issues. If the technical problems are unresolvable, the residence may alternatively participate in the bottled water delivery program.

Where a POU System is a feasible interim replacement water option, the Management Zone's POU System vendor(s) will work with the resident to install the treatment system. 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.

Once approved, the resident will establish any necessary agreements (and schedule) with the Management Zone's vendor(s) to install and maintain a POU System at the residence. It is anticipated that services will include: (a) installation of the treatment device; (b) initial and follow-up water testing to ensure the device is removing nitrate down to safe levels as expected; and (c) periodic maintenance of the POU System (as required by the manufacturer). The cost of these services will be borne by the 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 does not allow required maintenance and monitoring of the POU System to take place (as per the vendor agreement), then the Management Zone has the discretion to modify the approved interim replacement water option from a POU System to bottled water delivery.

As noted above, each resident is responsible for establishing any necessary agreements with the vendor and complying with the terms and conditions of any signed agreements. However, the Management Zone will assist residents as needed with any questions or issues that arise during the establishment of an agreement with the Management Zone's vendor.





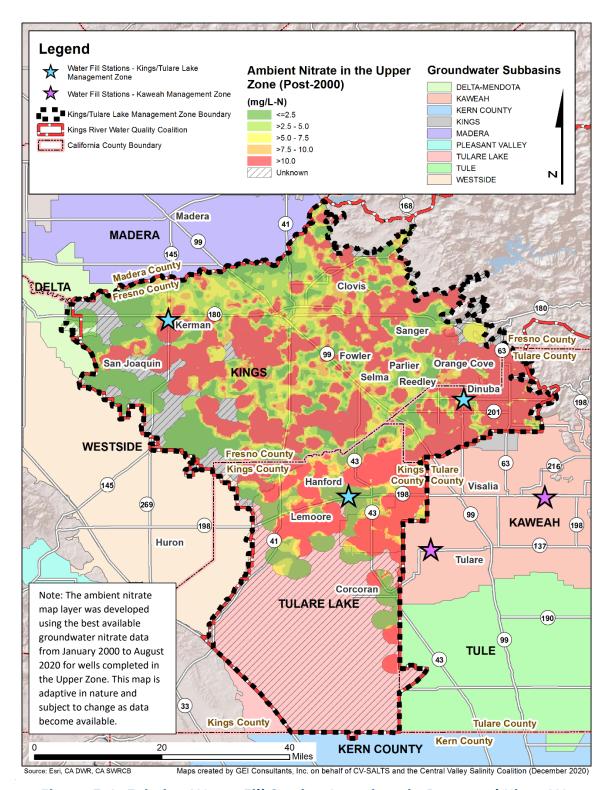


Figure 5-1. Existing Water Fill Station Locations in Proposed Kings Water Alliance and Kaweah Management Zones Relative to Nitrate Concentrations in Groundwater in the Kings Water Alliance Management Zone.





### 5.1.3. Water Fill Station Program

#### 5.1.3.1. Description

A water fill station is an independent water-dispensing facility connected directly to a PWS that meets safe drinking water standards and is constructed and operated as required by state and federal regulations (i.e., as required to meet implementation of 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). Three water fill stations are currently operational within the Management Zone (Figure 5-1) (<a href="http://kingswateralliance.org/safedrinkingwater/fillstations/">http://kingswateralliance.org/safedrinkingwater/fillstations/</a>):

- Kerman, CA This station, is located in the northwest portion of the Priority 1 Kings
   Subbasin at the Kerman Community Center (15101 W Kearney Blvd, Kerman, CA 93630).
- *Dinuba, CA* This station is located in the southeast portion of the Priority 1 Kings Subbasin at 517 W El Monte Way, Dinuba, CA 93618.
- *Hanford, CA* This station is located in the northern portion of the Priority 2 Tulare Lake Subbasin at the KART Transit Center (504 W. 7th Street, Hanford, CA 93230).

In addition to the three stations above already located within the proposed Management Zone, two water fill stations are also operating within the boundary of the Kaweah Water Quality Coalition along the east/southeast side of the KWA Management Zone. One of these locations is only a few miles east of the Management Zone boundary, at the southwest corner of Avenue 229 and Road 48 in Okieville (see **Figure 5-1**). The Kaweah Management Zone provides additional information about this water fill station at its website: https://kaweahwater.wpcomstaging.com/.

The existing fill stations were developed in the KWA Management Zone in response to the State Water Board's Office of Enforcement's Replacement Water Settlement Agreement (RWSA) with three water quality coalitions (Kings River Water Quality Coalition Authority, Kaweah Basin Water Quality Coalition and Tule Basin Water Quality Coalition) (State Water Board 2019). The RWSA required the coalitions to "install drinking water kiosks" to ensure safe drinking water for individuals who may be impacted by nitrate contamination from nearby drinking water wells. The settlement agreement required installation of three water fill stations within the Kings River Water Quality Coalition with each station expected to serve drinking water to up to 3,000 residents (State Water Board 2019).

The fill stations may be used by anyone to fill water bottles up to five gallons in size as often as necessary at no cost to the user. Water stations may not be the preferred solution for some residents to obtain drinking water; however, they do serve as a front-line solution to reach as many residents as possible while other solutions are implemented. Moreover, while fill stations





are being developed to address nitrate concerns, their presence in the community can provide other local benefits, including for example:

- Safe drinking water source for homeless;
- Source of water for farm labor contractors to fill up containers to provide a daily supply of safe water for field workers;
- Alternative water source for residents who are:
  - Reliant on wells that may dry up during significant periods of drought;
  - Already reliant on bottled water, but experience delivery cutbacks for whatever reason (e.g., as has occurred during periods of the COVID pandemic); and
  - Who, because of privacy concerns, do not respond to the Management Zone's offers to provide bottled water delivery or POU System services.

Under the EAP, the Management Zone may establish additional fill stations that target areas with the following characteristics:

- Results of community outreach activities indicate the need and support for additional fill stations:
- Residents are not served by a nitrate compliant PWS;
- Nitrate concentrations in the underlying groundwater are most likely greater than 10 mg/L-N (e.g., see **Figure 2-1**); and
- Area is not already served by an existing water fill station (see Figure 5-1), including those in an adjacent Management Zone.

If additional fill stations are planned for development, the KWA will work with the community through its outreach process to identify the best areas to target for installation of the stations as needed, where it fits operational standards and requirements.

## 5.1.3.2. Siting and Use Criteria for Identifying a Water Fill Station Location

It is anticipated that any additional fill stations developed by the KWA will be new installations. However, if the opportunity becomes available in the Management Zone, the KWA will consider partnering with entities that already have an operational fill station. Where such a partnership can be established, KWA will work with the entity to make any modifications to the facility necessary to support the fill station requirements under this program and compensate the owner for water provided to residents under this EAP.

When identifying a new location to establish a water fill station, the Management Zone will look for locations that meet as many of the following criteria as possible:

• It is within an area that the community has indicated would benefit from a water fill station.





- Management Zone is able to obtain permission to install and operate a filling station on land or property owned by a third party.
- Fill station receives its water from an existing PWS that (a) complies with all regulatory 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. The minimum targeted rate is 1.5-2 gallons/minute, consistent with California regulations for faucets in new residential construction.
- The 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 the fill station is not expected to create any safety issues for users, e.g., location is in a well-lit and well-trafficked area.
- Vehicle access/parking is available close to the fill station (to minimize distance a water bottle must be carried) and sufficient in area to not cause any unnecessary congestion.
- To the extent practicable, the location meets the goal to have a water fill station open 24 hours/7 days per week.
- Operation of the fill station does not create noise impacts to neighboring properties, especially during nighttime hours.

Through its existing program to establish water fill stations, the Kings River Water Quality Coalition has developed significant experience identifying and developing locations for these stations. This experience has shown there are challenges to finding viable locations that meet all of the above the criteria. Regardless, the KWA will work to identify sites that most closely meet these criteria.

# 5.1.3.3. Implementation Approach

**Table 5-1** summarizes the key steps/activities that the Management Zone will implement to install and operate a water fill station. Consistent with the implementation of existing fill stations, residents that use the fill station will need to provide their own bottles to fill at the facility. Information regarding how the user should clean and sanitize water bottles and store them is provided here: <a href="http://kingswateralliance.org/safedrinkingwater/fillstations/">http://kingswateralliance.org/safedrinkingwater/fillstations/</a>.





	Table 5-1. Process to Develop Water Fill Stations				
	Task		Primary Activities		
1.	Establish locations for installation of additional fill stations	b.	Complete research to identify viable locations Conduct site visits; coordinate with land/property owners Make final selection of site location		
2.	Establish agreements with land/property owner of selected site and water provider for the station		Establish any necessary agreements to secure use of the site for installation and operation of a fill station Establish water usage agreements with water provider, as needed		
3.	Complete site design and obtain necessary approvals and funding to install new fill station		Prepare the station design (including operational signage) and construction-related documents) Obtain any required approvals/permits to implement the project (as required by local or state regulations)		
4.	Establish operational plans, as needed		Prepare sampling analysis plan for testing (or rely on existing plans used for other water fill stations)  Prepare operation and maintenance (O&M) procedures including cleaning procedures as needed to operate the station		
5.	Construct the new filling station	a.	Complete construction of the facility (including installation of signage) and obtain any necessary approvals to open the facility to the public		
6.	Conduct outreach to the local community to inform the public of the availability of the fill station		Conduct outreach as described in Section 4 Notice the community when the fill station is open Notify the Central Valley Water Board when the fill station is open		
7.	Manage operating site, conducting necessary maintenance and gathering usage data	b.	Gather data on usage Respond promptly to repair needs to minimize time when water not available Conduct routine maintenance		

# **5.2.** Participation in Bottled Water or POU System Programs

**Table 5-2** summarizes the steps or activities to be carried out by the Management Zone to implement the bottled water and POU System programs. Residents in Priority 1 areas of the Management Zone may request participation immediately during EAP implementation for either of these interim replacement water options through various options: (a) contact the KWA directly by phone (559) 549-6747; (b) send an email to <a href="mailto:info@kingswateralliance.org">info@kingswateralliance.org</a>; or (c) by submitting an eligibility survey available on the Management Zone website: <a href="http://kingswateralliance.org/eligibilty/">http://kingswateralliance.org/eligibilty/</a> (survey may be submitted by mail or online). After receiving the survey, KWA staff follows up directly with the resident. A domestic drinking well





testing agreement (see **Appendix D**) is filled out prior to well testing and implementation of bottled water delivery. Priority 2 areas within the Management Zone will be able to request participation at a later time<sup>14</sup>. The Management Zone will confirm that the resident submitting the request meets the following three eligibility criteria:

- 1. Residence requesting services is within the KWA 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.
- 2. If the Management Zone contracts with a vendor(s) to provide the requested bottled water or POU System services and the vendor(s) requires the resident sign an agreement to receive these services, the resident must be willing to sign and meet the terms and conditions of the agreement.
- 3. Current drinking water source at the residence has a nitrate concentration that is above the safe drinking water level of 10 mg/L-N (see Section 5.3 below for information regarding how to have your well tested).

Residents participating in the bottled water or POU System programs will receive periodic check-ins (e.g., via email or telephone) from the Management Zone after services are initiated. These check-ins are provided to verify the Management Zone's approved vendor(s) are providing services as contracted. In addition, check-ins provide the opportunity for the Management Zone to (a) the answer questions from residents; (b) verify sufficient bottled-water is being delivered to the residence; and (c) evaluate if the POU System is receiving proper maintenance.

## 5.3. Residential Well Testing Program

The KWA is establishing a residential nitrate well testing program to support implementation of this EAP. Any resident in the Management Zone may request to have their well sampled for nitrate during the two phases of EAP implementation. Priority 1 areas within the Management Zone will be addressed first during Phase 1, followed by Priority 2 areas during Phase 2. Well testing will be provided to residents that live within the Management Zone boundary and are not currently receiving drinking water from a nitrate-compliant PWS. The Management Zone 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

<sup>&</sup>lt;sup>14</sup> The Nitrate Control Program requires the Central Valley Water Board to send Notices to Comply to dischargers and irrigated agricultural lands coalition groups that are within the boundaries of the identified Priority 2 basins within two to four years after the effective date of the Nitrate Control Program. Notices to Comply in Priority 2 areas are currently expected to be sent out sometime in 2023.





water from a regulated PWS, Management Zone representatives will work with them to evaluate this question.

A well test is necessary to verify eligibility to receive bottled water delivery or installation of a POU System, as described in the previous section. Section 5.2 above describes the various ways a resident can contact the Management Zone regarding getting a well test conducted. The following sections describe the KWA Management Zone well-testing program.

#### 5.3.1. Initial Well Test

If the nitrate concentration of the well water is unknown, the Management Zone will coordinate with the residence to have the water tested as soon as possible at no cost to the resident. If the resident is not the owner of the property, permission from the property owner is necessary to have the well tested (see <a href="http://kingswateralliance.org/eligibilty/">http://kingswateralliance.org/eligibilty/</a> for well-testing information). The resident may also provide the results from a previous well test if the water sample was collected within the last five years using standard methods for well sampling, and the nitrate concentration was analyzed using an approved Environmental Protection Agency (EPA) method by a laboratory certified under the California Environmental Laboratory Accreditation Program (ELAP).

It is anticipated that the resident will initiate contact with the landowner to obtain permission to have a well tested. However, if requested by the resident, the KWA Management Zone will follow up and obtain permission from the landowner on behalf of the resident. If the Management Zone learns that the resident is unable to obtain permission from the landowner or the landowner is not responsive to requests to obtain permission, the Management Zone will work with the Central Valley Water Board staff to address the issue.

Well sampling carried out by the Management Zone will be conducted using standard well sampling procedures consistent with sample methods used to implement other well testing programs in the area, e.g., as described in Central Valley Water Board's ILRP Drinking Water Well Program FAQ guidance (Central Valley Water Board 2020). All samples will be analyzed for nitrate using EPA-approved methods at an ELAP certified laboratory.





	Table 5-2 Process to Request Participation in Replacement Water Programs						
	Task	Primary Activities					
1.	Establish agreements with vendor(s) to provide services to residents	<ul> <li>a. Select vendor(s) to provide the following services: (a) bottledwater delivery; (b) POU System; and (c) well testing.</li> <li>b. Establish procedures to (a) connect vendor(s) with residents (including understanding regarding agreements residents will need to establish with the vendor); and (b) process payments for services rendered.</li> </ul>					
2.	Conduct targeted residential outreach in Management Zone (see Section 4.2.2)	<ul> <li>a. Using the mailing list developed under Section 3.2, send direct mailout to target areas (areas most likely to have nitrate concentrations in groundwater &gt; 10 mg/L-N) informing them of the availability of all replacement water programs active in the Management Zone and how to participate in any program.</li> <li>b. Use other mechanisms described in Section 4 to notify the community at large of the availability of replacement water programs and how to participate in any program.</li> </ul>					
3.	Verify residents requesting bottled-water delivery or POU System installation meet eligibility Criteria 1 and 2 (see Section 5.2)	<ul> <li>a. Verify the resident is located within the Management Zone.</li> <li>b. Verify the resident is willing to establish any required agreements with the Management Zone's vendor(s) providing the requested services.</li> </ul>					
4.	Unless acceptable nitrate data are already available (see Section 5.3.1), conduct well testing to verify eligibility with Criterion 3	<ul> <li>a. Obtain well water sample in coordination with the resident (and property owner, as needed) to test the drinking water source to the residence; notify resident of well test results.</li> <li>b. If well test result indicates the nitrate concentration is &gt; 10 mg/L-N, the Management Zone will discuss options for replacement water with the resident, including the pros and cons of each approach. The Management Zone will connect the resident or property owner with the appropriate vendor (bottled water delivery or POU System) to initiate replacement water services if either of these replacement water options are selected.</li> <li>c. If well test result indicates the nitrate concentration is ≤ 10 mg/L-N the resident and property owner will be notified that (a) the bottled water delivery or POU System options are not available to them through the Management Zone at this time; and (b) a follow-up well test may be offered, if appropriate (see Section 5.3.2).</li> </ul>					





	Table 5-2 Process to Request Participation in Replacement Water Programs				
	Task	Primary Activities			
5.	Conduct follow-up with residents receiving bottled water deliveries	<ul> <li>a. Check-in with residents receiving services to verify: (a) monthly delivery volume is sufficient for household; modify as needed; and (b) service is being provided by vendor(s) as contracted. Check-ins will occur as follows: <ol> <li>i. Within one month of initiation of service;</li> <li>ii. Approximately six months after initiation of service; and iii. Annually.</li> </ol> </li> </ul>			
6.	Conduct follow-up with residents with POU System	<ul> <li>a. Check-in with residents receiving services to: (a) verify POU System is operating; (b) answer any questions regarding POU System O&amp;M and (c) verify resident is having system maintained as required by agreement with the vendor(s). Check-ins will occur as follows: <ol> <li>i. Within one month of initiation of service;</li> <li>ii. Approximately six months after initiation of service; and</li> <li>iii. Annually.</li> </ol> </li> </ul>			
7.	Conduct follow-up outreach to residents or property owners with a nitrate test result that was ≤ 10 mg/L but ≥ 7.5 mg/L	a. Provide opportunity for residents or property owners to have well re-tested per procedures provided in Section 5.3.2.			

Residents and property owners will be notified of the results from the well test following receipt of the results from the laboratory:

• If the results indicate nitrate levels exceed 10 mg/L-N, the resident and property owner will be contacted directly via telephone or email within 24 hours of the Management Zone receiving the test result. The Management Zone will discuss options for replacement water with the resident, including the pros and cons of each approach. If bottled water or POU System service is selected, the Management Zone will coordinate with the resident and property owner to initiate bottled-water or POU System service at the residence as quickly as possible. The telephone/email communication will be followed up with a mailed written summary of the well test findings to the resident and the property owner, as applicable, that includes: a copy of the laboratory report, documentation that the well water was only tested for nitrate, recommend that the resident consider having the well tested for other potential contaminants if seeking installation of a POU System (also see Section 5.4; if known, the Management Zone will provide information regarding other well testing programs that may be available in the area) and any recommended next steps. If any





- additional water testing is required by the vendor to support installation of a POU System, this testing will be coordinated with the vendor providing this service.
- If the results indicate nitrate levels are ≤ 10 mg/L-N, the resident and property owner will receive a written summary of the results, including a copy of the laboratory report. The written summary will indicate that: (a) the residence will not be able to participate in the Management Zone's bottled water or POU System replacement water programs; (b) the well water was only tested for nitrate and recommend that the resident have the well tested for other potential contaminants (also see Section 5.4) (if known, the Management Zone will provide information regarding other well testing programs that may be available in the area); and (c) advise the resident of opportunity to have their well tested again, if applicable (see Section 5.3.2).

### 5.3.2. Follow-up Well Test

For any resident or property owner that has an initial nitrate well test result showing nitrate levels  $\leq 10.0 \, \text{mg/L}$  but  $\geq 7.5 \, \text{mg/L}$ , and the resident is not already having their well tested on a regular basis as required through the Central Valley Water Board's ILRP or the KRWQC groundwater trend monitoring program, the Management Zone will offer follow-up well testing. Within one year of the initial well test the Management Zone will contact the resident or property owner to offer the opportunity to retest the well at no cost. If the resident or property owner does not want their well re-tested, no additional follow-up will occur. If the resident or property owner agrees to have the well re-tested and the result remains between 7.5 and 10 mg/L, then the Management Zone will continue to reach out on an annual basis to provide the opportunity to have the well tested at no cost until the nitrate concentration is < 7.5 mg/L.

## 5.4. Coordination with Other Related Safe Drinking Water Programs

The purpose of this EAP is to fulfill the safe drinking water requirements of the Nitrate Control Program as they pertain to nitrate levels in groundwater. It does not address other potential water quality concerns that may impact drinking water within the Management Zone area, e.g., arsenic, uranium or 1,2,3 Tricholoropropane (TCP). However, other programs (e.g., Safe and Affordable Funding for Equity and Resilience [SAFER] under the Safe and Affordable Drinking Water Fund) may be able to support efforts to test for these other constituents of concern through the grant funding.

Through its ongoing community outreach program and coordination with SHE (either directly or through contract mechanisms established by other entities such as the Central Valley Salinity Coalition), the Management Zone will identify opportunities to collaboratively address these other contaminants of concern where appropriate. The intent of this collaboration is to





implement as cost effective a program as possible that minimizes the potential for a residence to have its well tested multiple times, each time for different constituents. To this end, the Management Zone will coordinate with DDW, community-based organizations and other interested entities to identify opportunities to implement a complementary well testing program. KWA is currently considering applying for a SAFER grant to enhance the well testing program to contain additional water quality concerns. KWA participates in monthly collaborative efforts with Self Help Enterprises (SHE) to avoid duplicating efforts of providing assistance to residents.

#### 6. EARLY ACTION PLAN IMPLEMENTATION

### **6.1. Schedule/Milestones**

The KWA began implementing the EAP on May 8, 2021. EAP activities are being implemented in two phases:

- Phase 1 EAP implementation, which began on May 8, 2021, is occurring only in the following areas: (a) Priority 1 Kings Subbasin, Kaweah Subbasin and Tule Subbasin; and (b) very small areas within the Priority 2 Madera and Delta-Mendota Subbasins located within the KWA Management Zone boundary.
- Phase 2 EAP implementation in the Tulare Lake Subbasin will not occur until required by the Nitrate Control Program in Priority 2 areas.

**Figure 6-1** illustrates the anticipated timelines for implementation of EAP phases as related to the Nitrate Control Program requirements for Priority 1 and 2 areas (Central Valley Water Board 2020) and current understandings of the Central Valley Water Board's schedule for implementation of the program in Priority 2 areas <sup>15</sup>.

### 6.1.1. Phase 1 Schedule/Milestones

**Figure 6-2** illustrates the general schedule and key milestones for implementation of the EAP during Phase 1 through 2023. During 2023 it is expected that the EAP for the Phase 1 area will be replaced by the MZIP. **Table 6-1** provides a detailed schedule of activities associated with each of the key components of this EAP: General and Targeted Community Outreach, Interim Replacement Water Program and Monitoring and Reporting. These schedules/milestones have been updated as needed to reflect the existing program as presented in the FMZP. . Any future proposed revisions to the schedule will be submitted to the Central Valley Water Board, as needed.

<sup>&</sup>lt;sup>15</sup> Note the Central Valley Water Board has the discretion to begin implementation of the Nitrate Control Program in Priority 2 areas until as late as January 2024.





		Year/Quarter														
		20	21		2022			2023			2024					
Priority 1	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Notice to		1			1			1								
Comply (NTC) - 5/29/20	PMZP s		ed 3/8/2 ted 5/8,	,	FI	MZP due	e 8/29/2	22	date;	expect	cal (estired to re	place	MZ	IP Imple	ementa	tion
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Priority 2									1				1			
Areas	No Activity			No Activity			Priority 2 NTC (2023 - Estimated Q3)			EAP Phase 2 Startup (425 Days after NTC)						

Figure 6-1. Phasing of EAP Implementation in Relation to Notices to Comply (NTC) in Priority 1 and 2 Subbasins (Priority 2 NTC date is an estimate)

#### 6.1.2. Phase 2 Schedule/Milestones

**Figure 6-3** illustrates the general schedule and key milestones currently planned for implementation during Phase 2. Note that with the exception of the installation of fill stations, the activities that occurred in Phase 1 will continue into Phase 2 (e.g., General Community Outreach, Bottled Water and POU System Programs and Monitoring and Reporting). **Table 6-2** provides more detailed information regarding EAP implementation in this portion of the Management Zone. However, the Management Zone may propose revisions to this EAP, including the schedule, prior to its implementation in the Phase 2 area based on (a) continued experience and knowledge gained from implementation of this EAP during Phase 1; and (b) additional input provided by local community residents and other stakeholders as part of the ongoing community outreach program implemented during Phase 1. As noted above, the actual startup date of Phase 2 is dependent on when the Central Valley Water Board sends out its Notice to Comply to permitted dischargers in Priority 2 Subbasins. Currently, this is expected to occur in the third quarter of 2023. If that schedule is met, implementation of the EAP in the Phase 2 area must begin no later than 425 days after the Notice to Comply is sent out or likely in the fourth quarter of 2024 (see Figure 6-3).

## 6.2. Early Action Plan Funding Mechanism

The Management Zone is governed by the KWA, a non-profit public benefit corporation that filed for non-profit status on November 17, 2020. **Attachment E** of the Preliminary Management Zone Proposal provides the Articles of Incorporation and by-laws of the Kings Water Alliance. The Board of Directors currently has seven seats that can be expanded up to 11 as needed; these Board members have worked collaboratively to develop an equitable cost





allocation approach to fund the implementation of this EAP. The Board of Directors will regularly review and, where needed, update this cost allocation as part of its annual budgeting process.

All Management Zone participants have executed a Participation Agreement with the KWA. Based on the approved budget, the KWA annually invoices participating Management Zone members Through these regular management activities and collection of annual fees, KWA fully committed to continuing to fund the activities associated with EAP implementation.

### **6.3. EAP Program Evaluation**

The Management Zone conducts monitoring to evaluate the effectiveness of its EAP program. This information is being used to support monthly EAP status reports to the Central Valley Water Board and adaptively manage the EAP over time while long-term drinking water solutions are in development.

### **6.3.1.** Monitoring Activities

The Management Zone is implementing the following record-keeping and data collection efforts activities:

- Bottled-water Delivery Program The Management Zone maintains records that include the following information:
  - Requests for participation in this program;
  - Wells tested as a result of requests for participation and the well test results;
  - Communications with each resident regarding well test results and eligibility to participate in bottled water program; and
  - Communications with residents and status of participation in program (e.g., follow-up check-ins to verify water needs are being met and contracted services are being provided).
- *POU System Program* The Management Zone maintains records that include the following information:
  - Requests for participation in this program;
  - Wells tested as a result of requests for participation and the well test results (including results for contaminants other than nitrate);
  - Communications with each resident and property owner (as needed) regarding well test results and eligibility to participate in POU System program;





- Status of participation of residents that had a POU System installed (e.g., verify vendor is able to provide maintenance and conduct monitoring as required for each system); and
- Communications with residents and status of participation in program (e.g., follow-up check-ins to verify contracted services are being provided).
- Water Fill Station For any stations operational, the Management Zone collects usage data, including volume of water dispensed and days and times fill stations are most often used. These data provide (a) insight on patterns of usage at each facility; and (b) if needed, a basis for compensating the owner of the facility providing water to the fill station. Fill station usage data also may be used to evaluate whether additional fill station capacity is needed in the Management Zone. If periods of high usage are identified at any station, additional site monitoring may be temporarily conducted to determine the degree to which lines may be forming causing significant delays in obtaining water or congestion at the site.

The Management Zone also conducts the following additional record-keeping activities to support its effort to evaluate EAP implementation:

- Residences that have been targeted for outreach to participate in the replacement water program, but have not responded or have indicated no interest in participating in the program<sup>16</sup>.
- Documentation of any residents that were approved for bottled-water delivery or POU System installation, but did not activate the services with the Management Zone's vendor(s).
- Documentation of how situations were resolved where the resident requested a POU System but due to technical issues had to rely on bottled water delivery instead.
- Contacts with residents to provide an opportunity for a re-test of their domestic well and the outcome of those efforts.

# 6.3.2. Reporting and Adaptive Management

During Phase 1 of EAP implementation, the proposed KWA Management Zone has been working collaboratively with other proposed Management Zones in the Central Valley Region to prepare monthly program updates to the Central Valley Water Board. These updates are regularly reported during public CV-SALTS Executive Committee meetings and have been used by the Central Valley Water Board staff to inform the State Water Board of the progress of efforts to provide replacement water to residents. This reporting approach will continue into

<sup>&</sup>lt;sup>16</sup> This tracking is completed using the number of mailers sent using the USPS direct mailing route and the response rate.





the future as it provides a more regular check on program status than other methods such as periodic written reports.

In addition to regularly monthly report outs, the KWA Management Zone has worked collaboratively with the other proposed Management Zones to develop proposed metrics for EAP drinking water outreach, testing, and replacement (where needed) (see **Attachment G** of the FMZP). The purpose of these metrics is to provide a basis to analyze the effectiveness of the program.

The MZIP, which is intended to replace this EAP within the Phase 1 area, is planned for development in 2023. During the development of the MZIP, the Management Zone will continue to evaluate the replacement water program and make any necessary changes to make the program more effective going forward. In the interim, if any additional updates to this EAP are necessary to facilitate its implementation, the Management Zone will coordinate any proposed changes with the Central Valley Water Board.





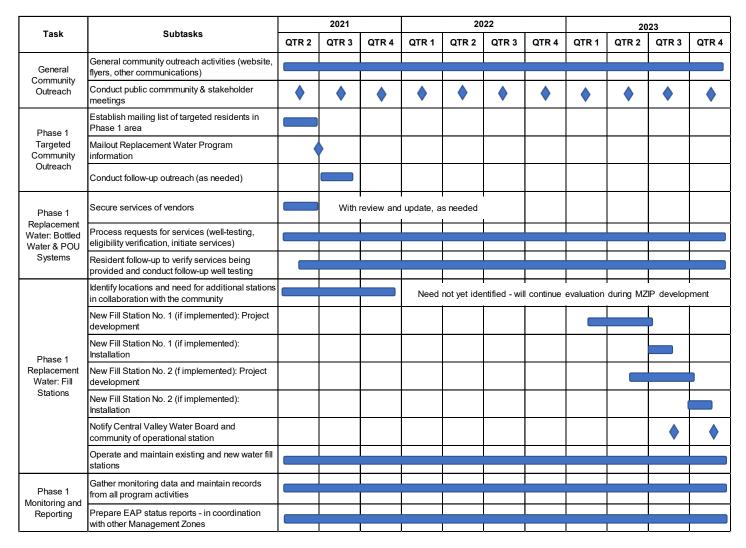


Figure 6-2. General Updated Phase 1 EAP Implementation Schedule





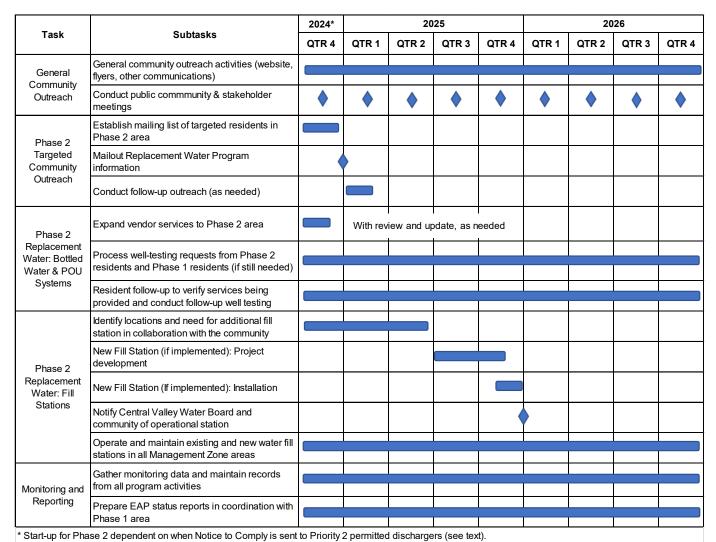


Figure 6-3. General Phase 2 EAP Implementation Schedule





Tal	Table 6-1. Kings Water Alliance Management Zone Phase 1 EAP Implementation Schedule (see also Figure 6-2)						
Task	Subtasks	Schedule (Assumes EAP Start Date: May 7, 2021)					
	Maintain Management Zone website	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					
General Community Outreach	Send out public notice of upcoming community meetings	<ul> <li>"Save the Date" public meeting notice – send within 10 business days prior to scheduled meeting</li> <li>Final meeting notice – send within 3 business days of meeting date (include Zoom link if meeting will be virtual)</li> </ul>					
	<ul> <li>Conduct public community meetings to provide:         <ul> <li>EAP status update;</li> <li>Information on replacement water program options;</li> <li>Implementation schedule;</li> <li>Well-testing opportunity; and</li> <li>Other topics as needed.</li> </ul> </li> </ul>	<ul> <li>Initial EAP implementation kickoff meeting – May 2021</li> <li>Additional meetings – periodic community outreach meetings will be held in 2021 and following as needed to best accomplish the goals of Phase 1 EAP implementation.</li> <li>Meetings will continue when Phase 2 begins implementation (see Table 6-2)</li> <li>Note: Meetings are currently a balance of in-person and virtual to meet multiple needs within the community.</li> </ul>					





Tab	Table 6-1. Kings Water Alliance Management Zone Phase 1 EAP Implementation Schedule (see also Figure 6-2)					
Task		Subtasks	Schedule (Assumes EAP Start Date: May 7, 2021)			
Phase 1	Phase 1 area (resid	et for targeted residents in the ents with domestic well in areas ed by nitrate at concentrations > 7.5 ge and red areas in Figure 2-1)	Complete by June 15, 2021			
Targeted Community Outreach		ent Water Program information to g list of targeted residents	Complete initial mailing by July 1, 2021			
Conduct follow-up outreach to residents that did not respond to initial contact or had mailed information returned as undeliverable			As needed, but complete by August 15, 2021			
		ry agreements with vendors to er or install a POU treatment system	Prior to initial mailout of outreach packet to targeted residences (see above)			
	Acknowledge recei	pt of service request from resident ty evaluation	Within 3 business days of receipt of request to receive services			
Replacement		d to verify eligibility of residents s, schedule and conduct well test	Schedule well testing as quickly as possible in coordination with resident (and property owner if the resident is not the owner)			
Water: Bottled Water or POU System Programs	Advise residents (and property owner, as needed) of initial	Result is > 10 mg/L-N	Within 24 hours of receipt of test results, contact resident or property owner via telephone or email to discuss replacement water options and initiate bottled water or POU System services as requested by the resident; follow-up with written information within 3 business days (see Section 5.3.1 regarding information to be communicated)			
	nitrate well test results	Result is ≤ 10 mg/L-N	Within 3 business days of receipt of test results, send written notice to the resident or property owner of ineligibility to participate in bottled water or POU System programs (see Section 5.3.1 regarding information to be communicated)			





Tab	Table 6-1. Kings Water Alliance Management Zone Phase 1 EAP Implementation Schedule (see also Figure 6-2)						
Task		Subtasks	Schedule (Assumes EAP Start Date: May 7, 2021)				
	Follow-up well testing if initial well test is ≥ 7.5 mg/L but ≤ 10 mg/L-N	Initial well test is ≥ 7.5 mg/L but ≤ 10 mg/L-N	<ul> <li>Within one year offer resident or property owner the opportunity to retest the well at no cost. If the resident or property owner:</li> <li>Does not want their well re-tested, no additional follow-up is required</li> <li>Agrees to have the well re-tested and the result remains between 7.5 and 10 mg/L, then the Management Zone will continue to reach out to the resident or property owner on an annual basis to provide the opportunity to have the well tested at no cost until the nitrate concentration is &lt; 7.5 mg/L</li> </ul>				
	water/POU progr received as contr	esidents participating in bottled am to verify: (a) services are being acted; and (b) bottled water recipients ater being delivered	Conduct first check-in with each resident within 30 days after confirming eligibility to receive bottled water/POU System services; conduct second check-in within 90 days after first check-in				
	Identify locations in the Phase 1 are	for up to two new water fill stations	To date, need for additional water fill stations has not been established; evaluation will continue during EAP implementation and as part of the development of the MZIP				
Phase 1	_	eements with land/property owner to operate/maintain filling d)	As needed				
Replacement Water: Fill Stations	New Water Fill Station No. 1 (if	Complete design/specifications and obtain necessary permits or approvals to install facility	Within 120 days of confirmation of site location and establishment of agreement with land/property owner				
	implemented)	Complete installation	Within 60 days of obtaining necessary permits/approvals				
	New Water Fill Station No. 2 (if implemented)	Complete design/specifications and obtain necessary permits or approvals to install facility	Within 90 days after Water Fill Station No. 1 is operational				





Tak	Table 6-1. Kings Water Alliance Management Zone Phase 1 EAP Implementation Schedule (see also Figure 6-2)						
Task	Subtasks	Schedule (Assumes EAP Start Date: May 7, 2021)					
	Complete installation	Within 60 days of obtaining necessary permits/approvals					
	Notify Central Valley Board and community	Within 14 days of a water fill station becoming operational					
	Operate and Maintain Water Fill Stations	Ongoing at existing fill stations and initiated at new fill stations when they come on line					
	Collect monitoring data/maintain records as described in Section 6.4.1	Ongoing at existing fill stations and initiated at new fill stations when they become operational					
Monitoring and Reporting	Provide progress reports to the Central Valley Water Board	Ongoing participation with other Management Zones to provide monthly progress report updates to the Central Valley Water Board.					





Ta	able 6-2. Kings Water Alliance Management Zone P	hase 2 EAP Implementation Schedule (see also Figure 6-3)
Task	Subtasks	Schedule (based on 2024 startup, see Figure 6-3; schedule to be revised as needed prior to Phase 2 implementation)
	Maintain Management Zone website	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
General Community Outreach	Send out public notice of upcoming community meetings	<ul> <li>"Save the Date" public meeting notice – send within 10 business days prior to scheduled meeting</li> <li>Final meeting notice – send within 3 business days of meeting date (include Zoom link if meeting will be virtual)</li> </ul>
	<ul> <li>Conduct public community meetings to provide:         <ul> <li>EAP status update;</li> <li>Information on replacement water program options;</li> <li>Implementation schedule;</li> <li>Well-testing opportunity; and</li> <li>Other topics as needed.</li> </ul> </li> </ul>	<ul> <li>Initial EAP implementation kickoff meeting in the Phase 2 area – date to be determined</li> <li>Additional meetings – periodic community outreach meetings will be held on a regular basis as needed to best accomplish the goals of Phase 2 EAP implementation.</li> <li>Note: Meetings are currently a balance of in-person and virtual to meet multiple needs within the community.</li> </ul>





Table 6-2. Kings Water Alliance Management Zone Phase 2 EAP Implementation Schedule (see also Figure 6-3)				
Task	Subtasks		Schedule (based on 2024 startup, see Figure 6-3; schedule to be revised as needed prior to Phase 2 implementation)	
Phase 2	Establish mailing list for targeted residents in the Phase 2 area (residents with domestic well in areas most likely impacted by nitrate at concentrations > 7.5 mg/L-N — see red and orange areas in Figure 2-1)		Dates for targeted outreach to be determined based on startup of Phase 2 implementation	
Targeted Community Outreach	Mailout Replacement Water Program information to residents on mailing list of targeted residents			
	Conduct follow-up outreach to residents that did not respond to initial contact or had mailed information returned as undeliverable			
	Extend third-party agreements with vendors as needed to supply bottled water or install a POU treatment system in Phase 2 area		Prior to initial mailout of outreach packet to targeted residences (see above)	
Phase 2	Acknowledge receipt of service request from Phase 1 or Phase 2 residents and initiate eligibility evaluation		Within 3 business days of receipt of request to receive services	
Replacement Water:	If well test required to verify eligibility of residents requesting services, schedule and conduct well test		Schedule well testing as quickly as possible in coordination with resident (and property owner if the resident is not the owner)	
Bottled Water or POU System Programs	Advise residents (or property owner as	Result is > 10 mg/L-N	Within 24 hours of receipt of test results, contact resident or property owner via telephone or email to discuss replacement water options and initiate bottled water or POU System services as requested by the resident; follow-up with written information within 3 business days (see Section 5.3.1 regarding information to be communicated)	
	needed) of initial nitrate well test results Result is ≤ 10 mg/L-N		Within 3 business days of receipt of test results, send written notice to the resident or property owner of ineligibility to participate in bottled water or POU System programs (see Section 5.3.1 regarding information to be communicated)	





Table 6-2. Kings Water Alliance Management Zone P			hase 2 EAP Implementation Schedule (see also Figure 6-3)	
Task	Subtasks		Schedule (based on 2024 startup, see Figure 6-3; schedule to be revised as needed prior to Phase 2 implementation)	
	Follow-up well testing if initial well test is ≥ 7.5 mg/L but ≤ 10 mg/L-N	Initial well test is ≥ 7.5 mg/L but ≤ 10 mg/L-N	Within one year offer resident or property owner the opportunity to retest the well at no cost. If the resident or property owner:  • Does not want their well re-tested, no additional follow-up is required  • Agrees to have the well re-tested and the result remains between 7.5 and 10 mg/L, then the Management Zone will continue to reach out to the resident or property owner on an annual basis to provide the opportunity to have the well tested at no cost until the nitrate concentration is < 7.5 mg/L	
	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		Conduct first check-in with each resident within 30 days after confirming eligibility to receive bottled water/POU System services; conduct second check-in within 90 days after first check-in	
	In coordination with the community, identify locations for up to one new water fill station in the Phase 2 area		If water fill stations supported by the community, identify locations based on schedule developed prior to Phase 2 implementation.	
Phase 2 Replacement	Establish final agreements with land/property owner/fill station owner to operate/maintain filling station (as needed)		As needed	
Water: Fill Stations	New Water Fill Station (if implemented)  Complete design/specifications and obtain necessary permits or approvals to install facility  Complete installation		Within 120 days of confirmation of site location and establishment of agreement with land/property owner	
			Within 60 days of obtaining necessary permits/approvals	





Та	Table 6-2. Kings Water Alliance Management Zone Phase 2 EAP Implementation Schedule (see also Figure 6-3)			
Task	Schedule (based on 2024 startup, see Figure 6-3 revised as needed prior to Phase 2 implements			
	Notify Central Valley Board and community	Within 14 days of a water fill station becoming operational		
	Operate and Maintain Water Fill Stations	Ongoing at existing fill stations in the Management Zone and initiated at new fill station when it comes on line		
	Collect monitoring data/maintain records as described in Section 6.4.1	Ongoing at existing fill stations and initiated at new fill station when it comes on line		
Monitoring and Reporting	Provide progress reports to the Central Valley Water Board	Ongoing participation with other Management Zones to provide monthly progress report updates to the Central Valley Water Board.		





## 7. REFERENCES

Central Valley Water Board. 2018. Amendments to the Water Quality Control Plans for the Sacramento River and San Joaquin River Basins and Tulare Lake Basin to Incorporate a Central Valley-wide Salt and Nitrate Control Program. Draft Staff Report. May 2018.

Central Valley Water Board. 2020. *Drinking Water Well Monitoring, Frequently Asked Questions. Irrigated Lands Regulatory Program.* March 2020.

Corona Environmental Consulting, LLC. 2021. Developing Equitable and Effective Early Action Plans: The Cost of Interim Drinking Water Solutions and Public Outreach for Nitrate Contaminated Drinking Water, Analysis for Kings Basin, Kaweah Basin, Tule Basin, Turlock Basin, Modesto Basin, Chowchilla Basin and Tulare Lake Basin – San Joaquin Valley, CA. Report prepared on behalf of Community Water Center. January 1, 2021.

Department of Water Resources Groundwater Elevation Contour GIS coverage, SGMA Data Viewer, <a href="https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels">https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels</a>, accessed October 2020.

Department of Water Resources Well Completion Reports (<a href="https://data.ca.gov/dataset/well-completion-reports">https://data.ca.gov/dataset/well-completion-reports</a>), accessed October 2020.

Division of Drinking Water (Public Supply Well nitrate data) (<a href="https://www.waterboards.ca.gov/drinking">https://www.waterboards.ca.gov/drinking</a> water/certlic/drinkingwater/EDTlibrary.html) accessed December 2020.

Kings River East GSA, 2019, Groundwater Sustainability Plan, Adopted December 13, 2019 (Figure 3-27).

Public Water System Area Boundaries

(https://gis.data.ca.gov/datasets/waterboards::california-drinking-water-system-area-boundaries-2), accessed November, 2020

Safe Drinking Water Information System (SDWIS) Drinking Water Watch online database (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) (<a href="https://sdwis.waterboards.ca.gov/PDWW/">https://sdwis.waterboards.ca.gov/PDWW/</a>) (<a href="https://sdwis.waterboards.ca.gov/dataset/drinking-water-public-water-system-information">https://sdwis.waterboards.ca.gov/PDWW/</a>) accessed January 2021.

State Water Board. 2019. Central Valley Agricultural Water Coalitions Agree To Provide Safe Drinking Water To Those Dependent on Contaminated Wells. Enforcement News. January 29, 2019.

State Water Board. 2020. Guidance for Engaging Communities During Development of Early Action Plans, Central Valley Nitrate Control Program. Prepared by the State Water Board's Office of Public Participation. June 2020.





#### **APPENDIX A** STATE WATER BOARD COMMUNITY ENGAGEMENT CHECKLIST

State Water Board (2020) provides a table that summarizes the guidance found in its community engagement document. Table A-1 below demonstrates how the Kings Water Alliance Management Zone's community outreach program aligns with the guidance.

Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

Guidance (Table adapted from State Water Board (2020), page 17)			
Community Engagement Element	Potential Actions to Implement Element	Implementation During EAP Development	
Communicate Effectively	Communicate with affected communities remotely during the COVID-19 crisis	Four virtual events were hosted by the Kings Water Alliance during the EAP development period. Participants had the opportunity to use their digital devices or telephone to call in to the events.  A dedicated phone line managed by Kings Water Alliance was established in October 2020 and promoted.  A direct mail piece was sent to all potentially impacted residents in the Kings Water Alliance to raise awareness and promote the first webinar.  Digital communications were employed including the development of a website, YouTube account, email updates to the Kings Water Alliance distribution lists.  Because in-person interaction was not possible, flyers were left at key locations across the Kings Water Alliance to promote webinars and raise awareness. See Table 8 in Appendix B for a full list of locations.	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

Guidance (Table adapted from State Water Board (2020), page 17)			
Community Engagement Element	Potential Actions to Implement Element Implementation During EAP Developmen		
		A comprehensive report of communications is included in Appendix B, Communications & Outreach Plan.	
	Translate materials into Spanish and other language(s) identified	All flyers and direct mail were distributed in English and Spanish. Webinars included live Spanish translation; recordings were posted on YouTube and the Kings Water Alliance website with Spanish subtitles. All live polling conducted during the webinars included both English and Spanish translated text. Webinar registration and sign-up information was provided in both English and Spanish. The new website <a href="www.kingswateralliance.org">www.kingswateralliance.org</a> includes a translation feature at the bottom left of the page that can translate content into Spanish, Hmong, and Punjabi. A drinking water survey was conducted via SurveyMonkey and made available in English and Spanish.	
	Provide a point of contact who speaks residents' primary language	A designated Kings Water Alliance staff member speaks Spanish, and attended all outreach events and is available to answer the dedicated Kings Water Alliance phone line should Spanish interpretation be needed.	
	Ensure planned one-on-one communications have personnel fluent in the primary language	A designated Kings Water Alliance staff member speaks Spanish, and attended all outreach events and is available to answer the dedicated Kings Water Alliance phone line should Spanish interpretation be needed.	
	Offer live interpretation at community meetings	A designated Kings Water Alliance staff member speaks Spanish, and attended all outreach events and is available to answer the	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

Guidance (Table adapted Hom State Water Board (2020), page 17)			
Community Engagement Element	Potential Actions to Implement Element	Implementation During EAP Development	
		dedicated Kings Water Alliance phone line should Spanish interpretation be needed.	
		All materials intentionally included simple language to ensure understanding across all audiences. Technical language was avoided whenever possible.	
	Provide written materials in plain language	Flyers, the direct mail piece, and the drinking water survey were reviewed by NGOs familiar with Spanish interpretation and the needs of community residents. Adjustments were made as needed based on the recommendations of the NGOs.	
		Outreach events provided an opportunity to learn the key components of the Early Action Plan and why it is relevant to residents. The information verbally communicated was simplified while still providing enough to explain the purpose of the EAP.	
Communicate Effectively (ctd)	Speak in plain language	Ample time for Question and Answer was left at webinars to ensure understanding from the audience. Polling was also conducted as a means to gauge the audience and distill the key points of the material presented. Virtual office hours were offered as another opportunity to provide answers or clarification if the material was not understood.	
	Consult community groups if your materials are understandable to the community	Flyers, the direct mail piece, and the drinking water survey were reviewed by NGOs familiar with Spanish interpretation and the needs of community residents. Adjustments were made as needed based on the recommendations of the NGOs.	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

duidance (Table adapted Holli State Water Board (2020), page 17)			
Community Engagement Element	Potential Actions to Implement Element	Implementation During EAP Development	
	Ask participants if materials are understandable	Ample time for Question and Answer was left at webinars to ensure understanding from the audience. Polling was also conducted to gauge the audience and distill the key points of the material presented. Virtual office hours were offered as another opportunity to provide answers or clarification if the material was not understood.	
Present information without bias		Information was comprehensively provided at the webinars hosted by the Kings Water Alliance. All considered drinking water solutions and their associated requirements were presented to the attendees. All potential solutions were also included in the drinking water survey conducted with impacted residents.	
	Know and communicate your constraints	Information was comprehensively provided at the webinars hosted by the Kings Water Alliance. All considered solutions and their associated requirements were presented to the attendees.	
	Be transparent with decision-making processes	Residents and stakeholders have been routinely engaged on development of the Early Action Plan. Engagement has occurred via website updates, outreach events, and periodic email updates and reminders on deadlines and processes to EAP development and submittal.	
Protect Personal Information	Mitigate concerns about information collection	Personal information was never required to be collected. Poll responses were not published tied to the respondent. Attendees were notified that their responses would be kept private. Webinar registration was encouraged but not required to attend, and the registration form for those who chose to register was kept short and simple. The drinking water survey collected some information to	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

Community Engagement Element	Potential Actions to Implement Element	Implementation During EAP Development	
		assess where attendees were from, including zip code, but it was clearly indicated as an optional question.	
	Minimize collection of personal information	Personal information was never required to be collected. Poll responses were not published tied to the respondent. Attendees were notified that their responses would be kept private. Webinar registration was encouraged but not required to attend, and the registration form for those who chose to register was kept short and simple. The drinking water survey collected some information to assess where attendees were from, including zip code, but it was clearly indicated as an optional question.	
Acknowledge Diverse Interests	Be inclusive of all groups within a community	Outreach was conducted to all potentially impacted residents via a direct mail piece.  A direct invitation to community leaders across the Kings Water Alliance was sent via email. A direct invitation to engage was sent to a Tachi Yokut Tribe representative.  A stakeholder committee representing diverse interests will be established to help guide EAP implementation. For a full list of stakeholder groups, reference Table 6 in Appendix B.	
	Provide "balanced access" to groups you are engaging with	A stakeholder committee representing diverse interests will be established to help guide EAP implementation. For a full list of stakeholder groups, reference Table 6 in Appendix B.	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

Community Engagement Element	Potential Actions to Implement Element	Implementation During EAP Development	
	Evaluate your community engagement strategy	Evaluation methodologies are included in Appendix B. It is the full intent of the Kings Water Alliance to continually evaluate and track outreach efforts and adjust if/when needed.	
Evaluate and Revise	Make modifications	The addition of virtual office hours was incorporated into outreach efforts for EAP development to offer additional dedicated opportunities to engage. Modifications to outreach also included intentional branding strategy to deliberately migrate from the Kings River Water Quality Coalition to the Kings Water Alliance; this included the development of a logo, color scheme, website, and email template for interested person communications.	
	Develop a Community Profile	Community Profile documentation is provided in <b>Appendix C.</b>	
Learning About the Community	Develop a Contact List	The Kings Water Alliance maintains an interested persons contact list. Anyone can sign up to receive email updates. The KWA also maintains a list of community leaders, and NGOs who are familiar with community needs.	
Educating the Community	Develop educational materials	The following materials were developed:  • Flyer – began on 11/19/20  • Webinar presentation slides began on – 11/19/20  • Webinar recordings – began on 11/19/20  • Digital Story Map  • Virtual Nitrate Control Program timeline webpage	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17)

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Community Engagement Element	Potential Actions to Implement Element	Implementation During EAP Development	
	Establish contact(s)	The Kings Water Alliance maintains an interested persons contact list. Anyone can sign up to receive email updates. The KWA also maintains a list of community leaders, and NGOs who are familiar with community needs.	
	Establish locations where information is publicly accessible	The Kings Water Alliance did extensive outreach at key locations in communities across the service area. For a list of locations, refer to Table 8 in Appendix B.	
	Distribute materials using multiple communication platforms	Appendix B identifies an integrated communications strategy as key to effective outreach. Outreach was conducted via diverse channels including digital, print, and radio. For a comprehensive identification of distribution methods, see Appendix B.	
Educating the Community Hold community meetings to educate the community community were not feasible. The Kings Water Allian events, including two webinars with a videous community were not feasible.		Due to the COVID-19 pandemic, in-person community meetings were not feasible. The Kings Water Alliance hosted four outreach events, including two webinars with a videoconference or telephone line option and two virtual office hours events.	
Collaborating with the Community	Create a process for collaborative decision-making	The Kings Water Alliance made a concerted effort to solicit feedback and hear from impacted residents. Efforts include conducting polls during the two webinars the KWA hosted, as well as conducting a drinking water survey. The results were shared with the technical consultants and staff to better understand the needs of impacted residents.	





Table A-1. Alignment Between Kings Water Alliance Management Zone Community Outreach Actions and State Water Board Guidance (Table adapted from State Water Board (2020), page 17) Community Engagement Potential Actions to Implement Element Implementation During EAP Development Element The Kings Water Alliance maintains an email interested persons list for timely updates on EAP development. Those on the list were clearly notified of EAP development milestones including public meetings to educate and receive input, EAP draft availability for Provide updates public review and comment, and reminders to submit comments and ask questions. These milestones were also posted on the KWA website and clearly identified at public outreach meetings. The Kings Water Alliance has a dedicated phone line established to answer any questions or field comments from the public. An email has also been set up for similar purpose at Maintaining info@kingswateralliance.org. The email forwards to the Kings Water Involvement Alliance staff who coordinate to ensure the best response possible. A highly visible "Contact Us" button is included on the website Maintain contact and process for responding to header menu and visible from all webpages. The button leads to a community inquiries contact form and uses encouraging language: "This site is designed to provide permitted dischargers, residents, and other interested stakeholders with a space to engage, giving you the opportunity to submit comments or questions, 24-hours a day, 7-days a week". The page also lists the phone number and email address. Form

submissions forward to Kings Water Alliance staff members.





# APPENDIX B EARLY ACTION PLAN COMMUNICATION & OUTREACH PLAN UPDATED AUGUST 2022

#### **Overview**

The adopted Nitrate Control Program requires Early Action Plans (EAPs) to identify short-term and long-term replacement drinking water. To identify the best solutions, the Kings Water Alliance (KWA) has developed a strategy outlining goals and tactics used to outreach and engage with impacted residents within the KWA service area during EAP development and implementation. The development and implementation of the EAP requires ongoing engagement with impacted residents to allow public input and response during various stages. The core objective and goals of the strategy will guide ongoing efforts to engage the public. The strategy is intended to guide the Kings Water Alliance's stakeholder outreach efforts for the most effective engagement throughout the EAP development and implementation process.

The processes and tactics in the strategy are intended to be iterative, and it is expected certain processes or tactics may adapt to better reflect the needs of impacted residents. The strategy is intended to be flexible and adaptive to reflect resident needs and best practices for public involvement.

Engagement with residents occur in the following phases:

- 1. Development of the Early Action Plan
- 2. Implementation of Early Action Plan

An internal strategy for phase 1 Development of the Early Action Plan was developed and is included for reference in Appendix B-1.

## **Strategic Overview**

The guiding components to the outreach and engagement strategy includes:

- 1. Objective
- 2. Goals
- 3. Tactics





## **Objective**

The public outreach and engagement strategy's objective is to create a level of engagement and awareness with community residents that establishes trust and provides robust participation in the development and implementation of the EAP.

Critical to achieving the objective are a set of goals that employ integrated communications tactics, using various channels and communications mediums to reach impacted residents effectively while giving all an opportunity for engagement.

#### Goals

The goals set to achieve the objective are as follows:

- Identify and cultivate relationships with key influential individuals and organizations in the communities to amplify information from the Kings Water Alliance
- 2. Provide channels for input and participation that connect with residents in a way that is effective and accessible
- 3. Provide accurate, easy-to-understand, timely information on the Early Action Plan development and implementation

#### **Tactics**

The integrated communications tactics for EAP development and implementation are as follows:

**Table 1: EAP Development and Implementation Outreach Tactics** 

EAP DEVELOPMENT OUTREACH & ENGAGEMENT TACTICS				
TACTIC	AUDIENCE	TIMEFRAME		
Identify and cultivate community influencers to disseminate information	Community residents	September 2020		
Conduct Community Profiles	All	September 2020		
Consult local NGOs on materials and outreach methods	Community residents	Ongoing		
Develop Early Action Plan webpage to educate and inform with translation feature	All	October 2020		
Develop bi-lingual 1-page information sheet on Early Action Plan	All	March 2021		
Develop bi-lingual flyer to promote events	Community residents	October 2020, January 2021		
Send direct mail piece to all potentially impacted residents	Community residents	November 2020		





Promote sign-ups to Interested Persons Email List as a means for staying informed	Community residents	November 2020, January 2021
Host webinars and virtual office hours for impacted residents and interested stakeholders with live Spanish interpretation	All	November 2020; January 2021; February 2021
Develop and conduct online survey in English/Spanish to gather feedback on drinking water solutions	All	January – February 2021
Set up dedicated phone line for interested persons and residents to access for information and questions	All	September 2020
Identify and directly engage community organization leaders to solicit feedback	Community organizations and NGOs	Ongoing
Send outreach letter inviting the Tachi Yokut Tribe to engage	Tribes	November 2020
Informational flyer and webinar promotion posted at fill stations and key locations within affected communities	Community residents	November 2020; January 2021
Employ text messaging communications feature via NGO to conduct a survey to gauge opinions on drinking water solutions	Community residents	January 2021
Employ text messaging communications feature via NGO to promote upcoming outreach	Community residents	January 2021
Develop contact database for email communications, notices, and information on EAP development and implementation	All	Ongoing
Develop Kings Water Alliance website with educational resources and engagement opportunities	All	February 2021
Radio spots in residents' primary language	Community residents	January 2021
Disseminate EAP information and notices via NGOs to network of stakeholders and community residents	Community residents	January 2021
Disseminate EAP information and notices via dischargers to network of staff and colleagues	Employees of farming and industrial operations; community residents	January 2021

The tactics listed above are intended to be iterative, and it is expected certain tactics may adapt to better reflect the needs of impacted residents and best practices for





public involvement. These tactics will serve as a guide for outreach tactics moving into EAP implementation phase, during which similar methods of integrated communications via diverse channels will be used to engage impacted residents. It should be noted the strategy and tactics for EAP development and implementation outreach and engagement operates within the limitations of the COVID-19 pandemic and includes a concentrated volume of digital communications. It expected that as restrictions relating to the COVID-19 pandemic lift, in-person avenues may be employed to reach audiences, for example with door-to-door outreach or meetings within a community.

In February 2022, KWA pivoted to a new outreach strategy during EAP implementation. A three-month targeted outreach campaign was launched. The objective of the campaign was to saturate a targeted area with multiple communications promoting KWA's bottled water program with the goal of boosting well test form requests. Communication channels to be used include online ads, direct mail, social media, community events, flyer distribution at schools and major businesses, door-to-door canvasing, and media relations. The first targeted area was the south eastern portion of the Priority 1 service area, which is one of the areas identified as having high nitrate levels in the groundwater. Tracking of key indicators for this strategy will be performed upon completion of two complete campaigns to analyze the success of the strategy.

## Stakeholder (Audience) Identification

In compliance with the Nitrate Control Program's requirements as well as outreach and engagement best practices, impacted residents (residents potentially impacted by nitrate-contaminated drinking water), community organizations and NGOs, Native American Tribes, in addition to other interested stakeholders and members of the public, will be fully engaged in the development and implementation of the EAP.

The primary existing and potential engaged publics engaged to achieve the stated goals of this strategy include:

- 1. Impacted Residents
- 2. Community Leaders
- 3. Community Organizations / NGOs
- 4. Native American Tribes
- 5. Interested Stakeholders





## **Impacted Residents**

In compliance with the Nitrate Control Program's requirements impacted residents, residents impacted by nitrate-contaminated drinking water, are fully engaged in the process and development of the Early Action Plan.

An initial assessment of potential nitrate impacted areas were identified utilizing readily available existing data from the Central Valley Salinity Alternatives for Longterm Sustainability (CV-SALTS) and the State Water Resources Control Board Groundwater Ambient Monitoring and Assessment Program (GAMA) for the analysis. After impacted areas were identified, the most recent parcel data from Fresno, Kings, and Tulare counties were utilized to identify impacted residents. Further analysis of land improvements was performed utilizing satellite imagery. Parcels with physical site addresses were mailed outreach materials. If a parcel did not have a physical site address, the property owner was mailed outreach materials. The identified residents are generally located within the following Disadvantaged Communities (DACs) and rural communities within the KWA:

**Table 2: DACs and Rural Communities with Impacted Residents** 

Communities with Impacted Residents		
Rolinda	Monmouth	
Double L Mobile Ranch Park	Community 235	
Double L Neighborhood	Community 236	
Community 168	Hardwick	
West Park	Grangeville	
Beran Way	Armona	
Britten	Stratford	
Easton	Sultana	
William Hopkins Water System	Lopez Labor Camp	
Easton Estates Water Company	Monson	
Del Rey	Orosi	
Perry Colony	Cutler	
Raisin City	Yettem	
Kamm Ranch Company	Seville	
Community 2489		





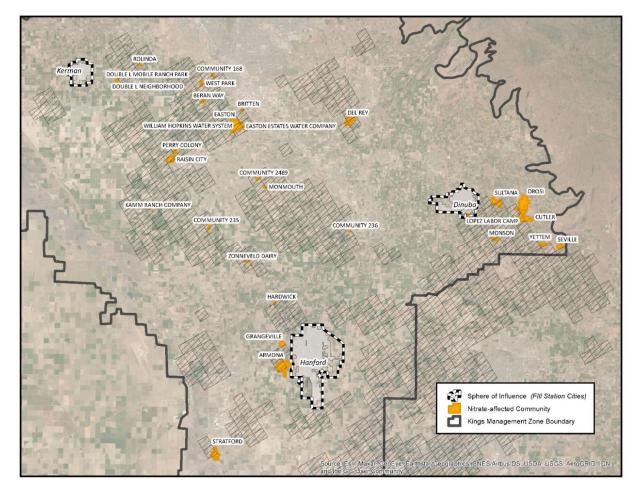


Figure 1: Nitrate-affected Communities within the Kings Water Alliance

Impacted residents within the DACs and rural communities identified are the primary target audience of outreach and engagement efforts during EAP development and implementation. Impacted residents have been engaged and will continue to be engaged via diverse channels to ensure a transparent process.

## **Community Leaders**

Community leaders serve as two-way information gatekeepers to potentially impacted residents, and therefore have been invited to engage on EAP development. These leaders will continue to be engaged throughout the process of EAP development and through implementation. Direct outreach to leaders from the following communities has been conducted:





Table 3: List of Communities with Targeted Community Leader Outreach and Engagement

Community Leader Outreach		
Armona		
Cutler		
Easton		
Stratford		
Orosi Public Utilities District		
Sultana Community Services District		
Raisin City		
Monson		
Zonneveld Dairies		
Rolinda		
East Orosi		

The list of leaders from the communities listed is not exhaustive or conclusive and will continue to develop as further outreach is conducted.

## **Community Organizations / NGOs**

Community Organizations and NGOs serve as two-way information gatekeepers to potentially impacted residents. These organizations and NGOs often bring a knowledge expertise about residents in DACs and rural communities and are an invaluable resource in effectively reaching and communicating to impacted residents and other interested stakeholders.

Individuals from the following Community Organizations and NGOs have been actively outreached to and engaged in the development of the EAP and in the development of communications tactics and outreach materials:

Table 4: Community Organizations and NGOs actively participating in EAP development and/or implementation

Community Organizations and NGOs		
Fresnoland (Fresno Bee) Self-Help Enterprises		
Fresno County Farm Bureau Community Water Center		
Kings County Farm Bureau	Leadership Counsel for Justice and Accountability	

Community Organizations and NGOs listed in Table 4 were effective in disseminating a drinking water survey to their network of community organizations, further extending the reach of the Kings Water Alliance. The network of organizations included in the dissemination of a survey is listed in Table 5 below.





Table 4: Community Organizations and NGOs Reached via Actively Participating NGOs

Community Organizations and NGOs Reached via Actively Participating
Central California Environmental Justice Network
Centro Binacional
Sierra Club Tehipite Chapter
Self-Help Enterprises
California Rural Legal Assistance
California Rural Legal Assistance Foundation
Friend of Calwa
Dolores Huerta Foundation
Fresnoland
Lideres Campesinas
Central Valley Partnership
United Farm Workers Foundation
Mi Familia Vota
Centro La Familia
Pesticide Reform
Radio Bilingue

This audience segment will continually be engaged to amplify information and engagement opportunities, and to better understand the needs of impacted residents. Efforts will be made to continue to engage those listed (Tables 4 and 5) in addition to others willing to participate. NGOs will continue to be solicited for feedback on outreach methods during EAP development and implementation, and to date have offered important feedback, including a recommendation to simplify language on outreach flyers and review of a drinking water survey to ensure simple language and user-friendly questions.

#### **Native American Tribes**

A single tribe was identified within the KWA service area. The Tachi Yokut Tribe has been engaged via letter inviting members of the Tribe to participate in EAP development and implementation (Appendix B-2). Efforts will continue to engage and inform the Tribe in EAP development and implementation.

#### Interested Stakeholders

Other interested stakeholders may include local and regional governmental entities and agencies, community organizations, and other interested members of the public who wish to participate in the development and implementation of the EAP. This may include but is not limited to agricultural producers, municipalities, counties,





public water systems, local land-use planning agencies, environmental interests, federal agencies, irrigation districts, and groundwater sustainability agencies (GSAs).

These interested stakeholders have been and will continue to be invited to participate in the activities of EAP development and implementation.

## **Key Messages**

The KWA has incorporated and will continue to incorporate key messages in all its communications and engagement activities to help foster clear and accurate communication. This will ensure a level of consistency across all outreach and engagement efforts, instill trust, and provide the opportunity for all KWA staff to engage and communicate a common message. Messages will continue to be developed as EAP development and implementation progresses.

The key messages for EAP development and implementation are:

- The new Nitrate Control Program is part of a long-term strategy for addressing nitrate pollution in the Central Valley's groundwater.
- The Nitrate Control Program has three goals:
  - Provide safe drinking water supplies
  - Reduce nitrate impacts to water supplies
  - o Restore groundwater quality, where reasonable and feasible
- Many small communities in the Central Valley rely on groundwater for drinking water. Some communities cannot safely use groundwater for drinking water as nitrate levels present a potential for human health impacts.
- Safe drinking water solutions are being developed in local communities. We need your input to develop and implement solutions.
- Drinking water solutions should be flexible and locally driven.
- The Kings Water Alliance encourages participation and input from stakeholders.
- The Kings Water Alliance seeks to incorporate public input received in decisions.
- The Kings Water Alliance is committed to considering all stakeholder comments.

Future messaging will be developed as EAP implementation continues.





## **Transparency and Accountability**

Transparency and accountability are integral to the effectiveness of EAP outreach and engagement. Being open and involving stakeholders at key points during the development and implementation of the EAP creates a democratic process that will produce a positive and well-received solution.

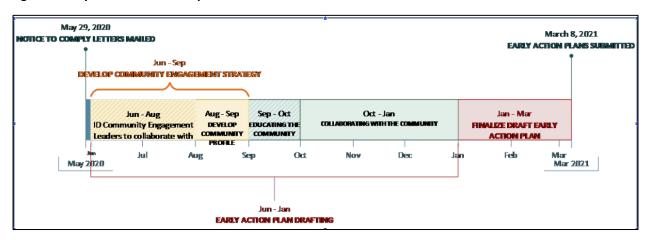
## **Best Practices for Transparency and Accountability**

The KWA has adhered and will continue to adhere to the following practices to help ensure accountability and transparency:

- Advanced notification of public meeting times, locations, and agendas
- Website posting of materials and resources
- Solicitation of input from identified stakeholders and a good faith effort to incorporate stakeholder interests in decisions

Key Decisions and Engagement Events Timeline for EAP Development

Figure 2: Early Action Plan Development Timeline







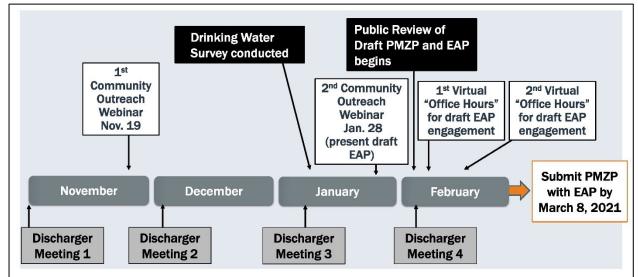


Figure 3: Kings Water Alliance EAP Development Outreach Events Timeline

The timeline shown in Figure 3 is not conclusive. Additional public opportunities for engagement may be considered and deployed to best meet the needs of impacted residents and other interested stakeholders, including joining and presenting at the AGUA Coalition, a regional grassroots coalition convened by Community Water Center largely made up of impacted community members and leaders residing in the Central Valley.

An internal detailed timeline for all integrated communications tactics and associated tasks was created for EAP development. The tasks on the timeline are intended to be flexible, adapting to meet the needs of impacted residents and other stakeholders engaging in the EAP development process. Timing and specific tactics and tasks are subject to change to better meet the goals and objective of this strategy. If a change occurs, the intended result of the tactics and tasks will still be achieved, but through more efficient and/or effective methods.

#### Stakeholder Committee Formation

With the support and guidance of KWA staff and Board of Directors, the Stakeholder Committee is an important venue to provide a means in which interested parties may participate in the process of EAP implementation. The Stakeholder Committee contributes to the process of ensuring impacted groundwater users are informed of and given the opportunity to participate in the development of proposed solutions. The Committee is a formal venue for coordinating with others that are not dischargers to address drinking water issues, including affected communities, domestic well users and their representatives, the State Water Board's Division of Drinking Water, Local Planning Departments, Local County Health Officials,





Groundwater Management Agencies, and others as appropriate. Table 6 below identifies potential participants in the Stakeholder Committee.

The Stakeholder Committee meets regularly to work with the KWA staff and Board to identify short and long-term solutions for providing safe drinking water to residents impacted by nitrates in the KWA service area, to engage impacted residents and other interested parties, and to provide input to the Board. Stakeholder Committee formation documents are included for reference in Appendix B-3.

**Table 6: Stakeholder Committee Representatives** 

Stakeholder	Identified Participant
	Rolinda resident
	Armona resident
	Stratford resident
	Easton resident
Impacted Residents	Sultana resident
F	Monson resident
	Raisin City resident
	Orosi resident
	Cutler resident
	Kings River Water Quality Coalition
	Fresno County Farm Bureau
Irrigated Agriculture	Kings County Farm Bureau
	Tulare County Farm Bureau
	North Kings GSA
	McMullin Area GSA
	Kings River East GSA
	North Fork Kings GSA
	Central Kings GSA
Groundwater Sustainability Agencies	South Kings GSA
	Mid-Kings GSA
	South Fork Kings GSA
	Tri-County GSA
	Southwest Kings GSA
	El Rico GSA
	Self-Help Enterprises
Community Based Organization	Leadership Counsel for Justice & Accountability
	Community Water Center
	County of Tulare
	County of Kings
Municipal	County of Fresno
	City of Dinuba
	City of Kerman





Stakeholder	Identified Participant
Daim	Dairy CARES
Dairy	California Milk Producers Council
Industry/Other	Kings Water Alliance Board Liaison
	Almond Board
	American Pistachio Growers
	The Wine Group
	Wonderful
	Zonneveld Dairies

#### **Communication Methods**

The outreach and engagement specific to EAP development and implementation relies on integrated communications methods, in which multiple communications channels and mediums are used to inform, educate, and engage stakeholders. It should be noted the strategy and tactics for EAP development and implementation outreach and engagement operated initially within the limitations of the COVID-19 pandemic and included a concentrated volume of digital communications. To offset any disadvantage digital formats may create, printed communications methods were employed to reach all potentially impacted residents. This included direct mail to impacted residents homes and community flyers at key locations in communities. Once restrictions on in-person gatherings were lifted, in-person formats, like workshops were held in communities.

To meet the objectives of the strategy, the KWA will engage with stakeholders in both existing and new channels and venues.

## **Tactics for Engagement**

The preparation of EAPs requires community outreach and engagement to help develop interim drinking water solutions. The KWA provided and will continue to provide opportunities for potentially impacted residents and other interested stakeholders to participate in the development and implementation process of the EAP. Some of the broad tactics for engagement include briefings, one-on-one meetings, community meetings, industry/association briefings, newsletters, email updates, community webinars/workshops, and community call-ins. A list of all outreach efforts can be found in Appendix B-4.

Translation of materials and live interpretation will be offered whenever feasible to best engage with impacted residents and other interested stakeholders.





## **Stakeholder Advisory Committee**

The Stakeholder Advisory Committee is an important venue for public participation. Meetings with representatives of stakeholder groups (Table 6) are held regularly and provide the opportunity for members of the public and representatives from NGOs and other local agencies to participate by providing input and/or voicing concerns. Meeting information is distributed via email and on an easily accessible webpage at www.kingswateralliance.org.

While COVID-19 restrictions were in place, meetings were held via Zoom. Alternative meeting locations easily accessible to stakeholders and members of the public will be considered once restrictions are lifted. The Stakeholder Advisory Committee list of participants can be found in Appendix B-5.

## **Community Public Outreach Meetings**

Public outreach meetings and events provide an important venue to educate, inform, and solicit feedback from impacted residents and other interested stakeholders. Spanish translation was available at all public outreach meetings and events listed in Table 7.

**Table 7: EAP Development Community Public Meetings and Workshops** 

EAP Development Community Public Meetings/Workshops				
Date	Meeting Type	Location	Attendance	Topics
11/19/2020	EAP Community Drinking Water Webinar	Online (Zoom)	32 public; 9 staff	Nitrogen Control Program; EAP 101; drinking water solutions
1/28/2021	EAP Community Drinking Water Webinar #2	Online (Zoom)	28 public; 9 staff	Nitrate Control Program; Impacted Resident Identification; Drinking Water Solutions; Staying Involved
2/10/2021	Community Outreach Virtual "Office Hours"	Online, telephone (Zoom)	4 public; 4 staff	Ealy Action Plan draft





2/8/21	AGUA Coalition Call	Online (Zoom)	35 residents, management zone staff	Management Zones in the Central Valley; feedback on drinking water & outreach
2/16/21	Community Outreach Virtual "Office Hours"	Online, telephone (Zoom)	1 public; 3 staff	Early Action Plan draft

**Table 8: EAP Implementation Community Public Meetings and Workshops** 

EAP Implementation Community Public Meetings/Workshops (March 2021 – July 2022)				
Date	Event	Event Type	Location	Attendance
5/26/2021	KWA Kick-Off Webinar	Webinar	Online (Zoom)	18
7/27/2021	Nitrates in Groundwater: The Basics (Webinar #1)	Webinar	Online (Zoom)	16
7/28/2021	Nitrates in Groundwater: The Basics Webinar (Webinar #2)	Webinar	Online (Zoom)	13
7/29/2021	How-to: Filling out the Well Test Form	Webinar	Online (Zoom)	4
7/30/2021	How-to: Filling out the Well Test Form	Webinar	Online (Zoom)	3
10/12/2021	Domestic Well Workshop	Workshop	Easton	41
3/22/22	World Water Day	Event	Fresno State	20

Any feedback and input solicited from the public during public outreach meetings will be considered by the KWA staff, technical consultants, and Board.

Public outreach meeting materials will be available to the public, posted on the relevant webpage and emailed to the interested persons list.

## Webinars and Virtual Office Hours

An important venue for outreach, especially during the COVID-19 pandemic, the KWA hosted two community outreach webinars to educate, inform, and solicit feedback from impacted residents and other interested stakeholders. Spanish translation of materials and live interpretation will be provided whenever feasible during EAP development and implementation to better engage with impacted residents and other interested stakeholders.





Extensive outreach was conducted to promote the November 19<sup>th</sup> webinar, including a direct mail piece in English/Spanish to over 6,000 potentially impacted residents, email notices to interested persons, and English/Spanish flyer distribution at 16 key locations in communities covering the northern, eastern, and southern KWA areas (Table 8). The webinar registration was accessible in English and Spanish, and details listed on the drinking water webpage on the Kings River Quality Coalition website can be translated on command. A list of webinar attendees is included in Appendix B-6. The November 19<sup>th</sup> webinar included live Spanish interpretation.

Extensive outreach was conducted to promote the January 28<sup>th</sup> webinar, including meeting notices in English/Spanish posted at 52 key locations in 27 communities throughout the Kings Water Alliance Management Zone (Table 8), event notice on the Kings Water Alliance website (<a href="www.kingswateralliance.org">www.kingswateralliance.org</a>), targeted outreach via local Environmental Justice NGO email distribution lists to 17 local community organizations, targeted outreach to the Environmental Justice Community, Fresno Bee, and Fresno County Farm Bureau, email outreach to the Kings Water Alliance email lists, outreach to KBIF 900AM Punjabi Radio, Radio Bilingue, and Hmong Radio. The January 28<sup>th</sup> webinar included live Spanish interpretation.

Webinars continue to be a key venue for effective outreach and engagement.

## Live Polling

Live polling during outreach workshops and webinars is an important tactic to better understand the audience and solicit feedback on key issues and decisions. Live polling will be employed as often as is feasible during outreach events.

A live poll was conducted at critical points throughout the November 19th to better understand the audience and solicit feedback on potential drinking water solutions, and possible limitations on proposed solutions. The was offered in both English and Spanish. The results of the live poll are included in Appendix B-7 (name of respondents has been omitted to the respect the privacy of participants). Questions asks during the live polling session at the November 19<sup>th</sup> webinar include:

- 1. What stakeholder category best describes you? (¿Qué categoría de partes interesadas lo describe mejor?)
  - a. Domestic well owner (Dueño de pozo doméstico)
  - b. Community resident (Residente de la comunidad)
  - c. Management Zone stakeholder (Parte interesada de la Zona de Gestión)
  - d. Agency representative (Representante de agencia)
- 2. How did you hear about this webinar? (¿Cómo se enteró de este seminario web?)





- a. Email notice (Aviso por correo electrónico)
- b. Flyer mailed to my house (Un folleto enviado por correo a mi casa)
- c. Friend/Colleague (Amigo / Colega)
- d. Other (Otro)
- 3. Do you obtain your drinking water from a public water system or private well? (¿De donde obtiene el agua potable, de un sistema público de agua o de un pozo privado?)
  - a. Private well (Pozo privado)
  - b. Public water system (Sistema de agua público)
- 4. Including yourself, how many in your household need access to safe drinking water? (Incluyéndose a usted mismo, ¿cuántos miembros de su hogar necesitan acceso a agua potable?)
  - a. 1
  - b. 2-4
  - c. 5-7
  - d. 8-9
  - e. More than 9
- 5. If offered the opportunity to have your well tested for nitrates at no cost to you, would you participate in that program? (Si se le ofreciera la oportunidad de realizar una prueba de nitratos sin costo para usted, ¿participaría en ese programa?)
  - a. Yes (Si)
  - b. No (No)
  - c. Not sure (No estoy seguro)
- 6. If you are unable to go to a fill station, which other options do you prefer? (Si no puede ir a una estación de servicio, ¿qué otra opción prefiere?)
  - a. Point of use treatment system (Sistema de tratamiento en el punto de uso)
  - b. Bottled water delivery (Entrega de agua embotellada)
  - c. Other (Otro)
- 7. Assume a fill station is within 10 miles of your home. If you are unable to access the fill station what would be the primary reason?/Suponga que hay una estación de servicio a 10 millas de su hogar. Si no puede acceder a la estación de llenado, ¿por que?
  - a. I do not have reliable transportation/car (No tengo transporte / carro confinable)





- b. I do not have time (No tengo tiempo)
- c. Too far from where I live (Demasiado lejos de donde vivo)
- d. I have a disability that would make access difficult (Tengo una discapacidad que dificulta el acceso)
- e. Other (Otro)

Live polling was also conducted at the January 28<sup>th</sup> webinar. Poll questions focused on assessing who was in the audience and their preference for meeting times and communication. Attendees were also asked to identify how they heard about the webinar.

- How did you hear about this webinar? (¿Cómo se enteró de este seminario web?)
  - a. Email notice (Aviso por correo electrónico)
  - b. Flyer in my community (Folleto en mi comunidad)
  - c. Text message notice (Aviso de mensaje de texto)
  - d. Work colleague / Employer (Compañero de trabajo / empleador)
  - e. Friend / Family member (Amigo / Miembro de la familia)
  - f. Other (Otro)
- 2. What stakeholder category best describes you? (¿Qué categoría de partes interesadas lo describe mejor?)
  - a. Domestic well owner (Dueño de pozo doméstico)
  - b. Community resident (Residente de la comunidad)
  - Management Zone stakeholder (Parte interesada de la Zona de Gestión)
  - d. Tribal representative (Representante tribal)
  - e. Agency representative (Representante de agencia)
- 3. What is your preferred method of communication with the Kings Water Alliance? / ¿Cuál es su método preferido de comunicación con Kings Water Alliance?
  - a. Regular notices and information sent to my email (Avisos e información periódicos enviados a mi correo electrónico)
  - b. Regular meetings in or near my community (Reuniones periódicas en mi comunidad o cerca de ella)
  - c. A dedicated website updated regularly (Un sitio web dedicado que se actualiza periódicamente)





- d. Regular notices and information sent via text message (Avisos e información regulares enviados por mensaje de texto a mi celular)
- e. A local phone number I can call for information (Un número de teléfono local al que podría llamar para obtener información.)
- f. Stories in my local newspaper or radio station (Historias en mi periódico o estación de radio local)
- g. Information provided through my membership in community organizations (churches, clubs, etc.) (Información proporcionada a través de mi membresía en organizaciones comunitarias (iglesias, clubes, etc.)
- 4. What time of day do you prefer to attend outreach events, like this webinar? (¿A qué hora del día prefiere asistir a eventos de divulgación, como este seminario web?)
  - a. Morning (Mañana)
  - b. Afternoon (Tarde)
  - c. Evening (Noche)
  - d. No preference (Sin preferencias)

## Office Hours

Another opportunity to engage the public in a more informal venue, two virtual office hours were offered prior to EAP adoption and submittal. Attendees had the option to virtually chat or call in to engage with technical consultants and KWA staff to ask questions, provide input, and/or express concerns relative to EAP development. Spanish interpretation wasoffered to participants.

The public was encouraged to join two virtual office hours held in February through promotion at the January 28<sup>th</sup> webinar, event notices on the Kings Water Alliance website, and email notices to the Kings Water Alliance email lists. Spanish translation services were available at Office Hours.

The timing of the office hours events was intentionally held after the release of the draft EAP and PMZP, allowing the public to ask questions and provide input on its content.

#### **Community Meetings**

The Kings Water Alliance works to integrate communications and outreach with existing venues. Attending routine meetings of community organizations involving impacted residents is a streamlined opportunity to engage and develop awareness while receiving feedback.





One example is the AGUA Coalition call attended by the Kings Water Alliance among other Central Valley management zones. Hosted by the Community Water Center, the AGUA Coalition, or "Asociación de Gente Unida por el Agua/Association of People United for Water" is a regional grassroots coalition largely made up of impacted community members and leaders who reside in the Central Valley, and are dedicated to securing safe, clean, and affordable drinking water for San Joaquin Valley communities. The Kings Water Alliance attended and provided a short presentation on its service area and purpose in engaging with residents. Feedback from residents on preferred drinking water solutions, potential barriers to access, and outreach recommendations was recorded and will continue to be considered as EAP implementation occurs.

Community meetings through existing venues will continue to be a part of the Kings Water Alliance outreach and engagement strategy.

#### *In-Person Meetings*

In-person meetings will be held both for formal and informal workshops, briefings, and gatherings targeted to impacted residents and other interested stakeholders to share information, educate, build relationships, provide EAP updates, and solicit input. The KWA will make use of existing venues where community residents and other interested stakeholders typically meet as well as new venues as needed.

## **Key Locations Outreach**

When effective to encourage and promote attendance at outreach events, disseminating flyers at key locations within communities are conducted to reach impacted residents. Key locations include but are not limited to, grocery stores and markets, gas stations, churches, community centers, postal stores, and additional relevant locations. In addition, KWA has partnered with community leaders and organizations to further the reach of flyers within communities.

To date, flyers in English and Spanish have been posted and disseminated at key locations and by community partners:

Table 9: Flyer Distribution at Key Locations for EAP Development

November 29, 2020 Webinar Promotion		
Community	Key Location	
Easton	K&C Donuts and Bakery	
	Easton Market	
	Easton Presbyterian Church	
	Crossover Community Church	
Hanford	KART Transit Center Fill Station	





	Royal Food Armona Seventh-Day Adventist Church ATM (Allstar Mini Mart) USPS Cutler Food Mart	
Cutler	La Fiesta Foods Rubalcaba Grocery St. Mary's Catholic Church	
Orosi	Orosi Mart and Deli Napa Auto Parts ATM (Super 7)	
January 28, 2021 Webinar Promotion		
Community	Key Location	
Rolinda	Coronado Mexican Food	
Rollilud	Rolinda Liquor Store	
Double L Mobile Ranch Park	USPS boxes	
Double L Neighborhood	SW corner of Church and Floyd Ave	
	Saber's Market	
West Park	Valentine Market	
	Hopewell Missionary Baptist	
Beran Way	West Park Market	
Britten	Cherry Market	
	K & C Donuts and Bakery	
	Easton Market	
Easton	Jack's Gas	
	Shop-N-Quick	
	Easton Presbyterian Church	
	Crossover Community Church	
Caruthers	Valero	
	Better Buy Market	
Dal Davi	Del Rey Park	
Del Rey	Del Rey Supermarket	
	Community Notice Board Jessica Restaurant	
	Orange Crush	
Perry Colony/Raisin City	Bee's Market	
refry colony/haisin city	Community Notice Board	
Hardwick	KART Bus Stop	
Grangeville	Grangeville Market	
	KART Transit Center Fill Station (Hanford)	
	Royal Food	
Armona	Armona Seventh-Day Adventist Church	
	ATM (Allstar Mini Mart)	
	,	





	A&M Market
Stratford	El Mochomo
	Hardin's Grocery
	Conerstone Market
Sultana	Amigos Produce
	Sinclair
Monson	Monson Market
	Orosi Mart and Deli
Orosi	Napa Auto Parts
	ATM (Super 7)
	Cutler Food Mart
Cutler	La Fiesta Foods
Cutier	Rubalcaba Grocery
	St. Mary's Catholic Church
	Magnolia Market No. 2
Yettem	Saint Mary Armenian Apostolic Church
	Texaco Visalia

Table 10: Flyer Distribution at Key Locations during EAP Implementation

Flyer Distribution at Key Locations (March 2021 – July 2022)							
Staff/Volunteer Organization	Date	Flyer Topic	Event	Locations			
Leadership Council for Justice and Accountability (LCJA)	5/19/2021	EAP Kick-Off webinar Spanish/English	EAP Kick-Off Webinar	LCJA resident connections			
Self-Help Enterprises (SHE)	5/2021	EAP Kick-Off webinar Spanish/English	EAP Kick-Off Webinar	SHE resident connections			
The Wine Group	6/29/2021	Well Testing/Drinking Water Flyers		3 wineries in management zone			
Stakeholder Advisory Committee members	6/2021	Well Testing/Drinking Water Flyers					
Lanare Resident	7/1/2021	Laminated well testing/drinking water flyer		Lanare Community Center			





Lanare Resident	7/2021	Well Testing/Drinking Water Flyers	COVID Vaccination Drive x2	Riverdale, Laton, Lanare
LCJA	7/12/2021	July Educational Webinars Flyer		Digital
SHE	44389	July Educational Webinars Flyer		Digital
California Rural Legal Assistance (CRLA)	7/12/2021	July Educational Webinars Flyer		Digital
Stakeholder Advisory Committee members	7/2021	July Educational Webinars Flyer		
Central CA Food Bank	8/12/2021	Well Testing/Drinking Water Flyers	7 Food Distributions	Cutler, Orange Cove, Orosi
CRLA	8/2021	Well Testing/Drinking Water Flyers		
Laton Resident	9/11/2021	Food Distribution Outreach Flyer, Laton	Laton Food Distribution	Laton
Easton resident	10/16/2021	Well Testing/Drinking Water Flyers	Friends/Neighbors	Easton
Easton resident	10/16/2021	Laminated well testing/drinking water flyer	Community posting	Easton
Culter-Orosi resident	11/3/2021	Well Testing/Drinking Water Flyers	School district distribution	Cutler-Orosi
Employee Development Department staff	12/17/2021	Well Testing/Drinking Water Flyers	EDD management	
Community resident	1/14/2022	Well Testing/Drinking Water Flyers	Community outreach	





CRLA	1/14/22	Well Testing/Drinking Water Flyers	Community outreach	
Employee Development Department staff	1/4/2022	Well Testing/Drinking Water Flyers	Community outreach workers	
Peachjar (digital)	3/17/2022	Well Test/drinking water flyers	online distribution	Kings River East GSA
KWA staff	4/26/2022	Well Test/drinking water flyers	Community outreach	Cutler- USPS, La Fiesta Food, First Southern Baptist Church, Apolistic Assembly Church, Open Gate Ministry
Peachjar (digital)	4/27/2022	Well Test/drinking water flyers	online distribution to schools	Kings River East GSA
KWA staff	5/17/2022	Well Test/drinking water flyers	Community Outreach	Cutler Orosi Joint Unified School District
KWA staff	5/17/2022	Well Test/drinking water flyers	Community Outreach	Open Gate Ministries
KWA staff	6/3/2022	Well Test/drinking water flyers	Community Outreach	Orosi- SaveCo, Orosi Library, USPS
KWA staff	7/19/2022	targeted resident flyer	direct email	Maria Herrera, CA State Director, Rural Development USDA

Depending on the location, stacks of flyers were left for distribution or a flyer was taped to an easily accessible and visible window at the entrance of the locations. Some locations used a "campus style" flyer, with tear-offs included webinar details and contact information for interested stakeholders to take with them. Flyer examples are included for reference in Appendix B-8.

## Food Banks

To effectively reach residents, the strategy of "meeting folks where they are" was used by accessing familiar events and venues. KWA staff and volunteers attended and distributed flyers at food bank distribution events throughout the service area. In September 2021, KWA launched a volunteer program for food bank outreach in partnership with California State University, Fresno. This provided additional volunteer staffing to increase the number of food bank events attended.





**Table 11: Food Bank Events** 

	Food Bank Events (March 2021 – July 2022)			
Date	Event	Location	Attendance	
9/14/2021	Neighborhood Market - Lanare Community Center	Lanare	62	
9/16/2021	USDA Food Dist - Lanare Community Center	Lanare	90	
9/21/2021	Food Dist - Laton Church of the Nazarene	Laton	25	
10/16/2021	Food Distribution - Laton	Laton	74	
10/25/2021	Neighborhood Market - Orange Cove	Orange Cove	140	
10/28/2021	Food Distribution-Laton	Laton	15	
12/13/2021	Neighborhood Market - Del Rey	Del Rey	14	
2/28/22	USDA Food Distribution - Orange Cove	Orange Cove	145	
3/4/22	USDA Food Distribution - Parlier	Parlier	156	
3/15/22	USDA Food Distribution - Raisin City	Raisin City	50	
4/5/2022	Neighborhood Market - Orange Cove	Orange Cove	196	
4/16/2022	Laton Food Distribution	Laton	150	
4/26/2022	Culter Food Distribution	Cutler	80	
5/17/2022	Orosi Food Distribution	Orosi	120	
6/3/2022	Dinuba Food Distribution	Dinuba	30	

### Influencer Outreach

Communications and event promotions are noticed to community leaders, community-based organizations, and NGOs. Whenever possible, it will be requested that communications be disseminated to the networks of the leaders and individuals within the organizations to better amplify messages and notices to the public.

Partnering with these groups is an important piece of effectively reaching impacted residents, as they understand, have established relationships with, and can comfortably communicate with residents in DACs and rural communities.





Other influencers that may be considered to disseminate information and relevant announcements include industry and commodity groups, governmental agencies, municipalities, public utilities, agricultural producers, and nitrate dischargers. Distributing information to the networks of these groups can bring effective awareness and engagement.

To date, EAP outreach has been distributed to an expanded network of the following entities:

- Kings River Conservation District
- Fresno County Farm Bureau
- Self-Help Enterprises
- Leadership Counsel for Justice and Accountability
- Employment Development Department
- California Rural Legal Assistance
- Community Water Center
- California Water Institute

#### **Direct Mail**

When pertinent and timely, the KWA will utilize direct mail to reach all potentially impacted residents within the KWA service area. Communication pieces developed will include messaging that communicates information about the KWA and updates stakeholders on activities. KWA contact information and website information will be included on all direct mail pieces. When feasible, translation of direct mail communications pieces will be available. Communications may include newsletters, postcards, flyers, or additional direct mail formats appropriate for outreach and engagement goals.

Six direct mail pieces have been sent (Appendix B-9):

**Table 12: EAP Development Direct Mail** 

Direct Mail				
Date	Mailer Topic	Audience	Language	Quantity
	Drinking Water			
	Solutions: Ways to get	Potentially		
11/5/2020	involved in EAP	impacted	English/Spanish	6,014
	development (webinar	residents		
	promotion)			





**Table 13: EAP Implementation Direct Mail** 

	Direct Mail (March 2021 – July 2022)			
In-home	Mailer Tonic	Audioneo	Languago	Quantity
date	Mailer Topic	Audience	Language	Quantity
6/26/21	Targeted Resident Mailer	Impacted Residents 7.5- 10+ mg/L-n	English/Spanish	16,500
09/2021	Targeted Population mailer	Impacted residents, most vulnerable	English/Spanish	1,353
09/2021	Targeted Resident postcard	Impacted Residents 7.5- 10+ mg/L-n	English/Spanish	25,000
3/21/22	Targeted Resident postcard	Impacted Residents 7.5- 10+ mg/L-n	English/Spanish	14,272
5/11/22	Targeted Resident postcard	Impacted Residents 7.5- 10+ mg/L-n	English/Spanish	14,272

#### **Outreach Content and Materials**

The KWA will develop and disseminate outreach materials that meet the needs of impacted residents and other interested stakeholders depending on their preferred method of receiving information. The KWA is committed to developing clear, consistent, and timely informational materials to help develop public understanding of the KWA, communicate information about EAP contents and implementation and how they relate to impacted residents and other stakeholders, inform the public on how to get involved, and motivate stakeholders to contribute to EAP development and implementation. Outreach content and materials will be easy to understand, using plain language to communicate important information in addition to be being visually appealing.

Based on the specific outreach and engagement purpose, written materials may include fact sheets, educational handouts, FAQs, presentations, maps, and graphics. Outreach materials will be available in print and website/digital formats and will be posted to the appropriate webpage, emailed, and distributed at meetings, workshops, and events.





Materials developed to date include:

- Flyers
- Webinar presentation slides
- Webinar recordings
- FAQs
- Digital Story Map
- Virtual Nitrate Control Program timeline webpages
- Resident testimonial videos

#### **Digital Communication**

#### Website

The KWA was previously using the Kings River Water Quality Coalition website (<a href="www.kingsriverwqc.org">www.kingsriverwqc.org</a>) but now has its own website (<a href="http://kingswateralliance.org/">http://kingswateralliance.org/</a>) to host Kings Water Alliance information and outreach materials. A dedicated EAP drinking water solutions webpage was developed that includes information and education on the Nitrate Control Program, the Kings Water Alliance, CV-SALTS program and links, and clear steps to engage in the drinking water solutions process. The webpage also includes information on past and upcoming community engagement opportunities. A Google translation tool is available on the webpage with translation capabilities into three additional languages: Spanish, Hmong, and Punjabi. The webpage is available at this link: <a href="http://kingswateralliance.org/">http://kingswateralliance.org/</a>. The webpage will continue to be updated regularly with pertinent information, resources, and relevant documents.

#### Email Distribution (Interested Persons List)

One of the fastest and easiest ways to stay up to date on KWA activities is by joining the interested persons email distribution list. An important method for keeping impacted residents and other interested stakeholders informed is via email updates using Constant Contact as a tool for distribution and email list management. The list is used to notify and encourage public involvement in meetings and events. To support transparency, emails detailing important decisions and upcoming events will continue to be sent to a growing list of interested persons.

There are two separate email lists for targeted communications:

- Nitrate dischargers (152 recipients)
- Impacted residents and other interested stakeholders (147recipients)





To date, the following email updates have been sent to dischargers, impacted residents, and other interested parties:

Table 14: Email Updates to Interested Persons during EAP Development

Email Updates to Interested Persons				
Date	Email Topic	# of Recipients	Open Rate	Click- through rate
8/7/2020	Next Steps: Nitrate Control Program and Kings Management Zone	104	49%	32%
8/14/202 0	Kings Management Zone- August Meeting	105	64%	26%
8/26/202 0	Kings Management Zone- August Meeting	106	59%	53%
9/18/202	Kings Management Zone- October Meeting	109	57%	55%
11/10/20 20	Upcoming Webinar: EAP to address safe drinking water	115	55%	59%
11/19/20 20	Reminder! Webinar tonight on EAP	138	45%	39%
1/6/2021	Webinar #2: Community Drinking Water Solutions & Nov webinar resources	152	57%	40%
1/11/202	Your survey response is requested	46	59%	56%
1/11/202	Help us reach more impacted residents- Distribute flyer and info to your colleagues and staff	129	44%	23%
1/15/202	Reminder: Your survey response is requested// today is last day to complete the drinking water survey!	50	44%	32%
1/18/202 1	Help Us Drive Clean Drinking Water Solutions: WEBINAR #2	53	40%	38%
1/22/202	Zoom Link: Safe Drinking Water Webinar #2	158	48%	24%
1/28/202	TODAY @ 6! Safe Drinking Water Webinar #2	164	34%	33%
2/1/2021	Helpful Resources & January 28 Webinar Recording	62	44%	33%
2/9/2021	Have your safe drinking water questions answered	63	49%	16%





2/10/202	Join us anytime from now through 2:00 PM to have your questions answered	185	23%	39%
2/16/202	Virtual Office Hours is now LIVE	185	32%	12%
2/22/202 1	Last Call for Comments! Share Your Input on the Early Action Plan and PMZP	185	38%	26%

Table 15: Email Updates to Interested Persons during EAP Implementation

Email Updates to Interested Persons (March 2021 – July 2022)				
Date	Email Topic	# of recipients	Open Rate	Click-thru Rate
3/9/2021	Final Early Action Plan and PMZP  Available for Download	187	48%	25%
5/3/2021	Fee Structure Workshops for Dischargers	75	39%	39%
5/6/2021	Fee Structure Workshops for Dischargers Reminder	75	38%	43%
5/7/2021	Early Action Plan and PMZP Approved by Regional Board	192	51%	33%
5/12/2021	Early Action Plan Kick-Off: Next Steps to Bring Drinking Water to Residents	192	43%	22%
5/21/2021	EAP Kick-Off Webinar Reminder	207	32%	16%
5/24/2021	Thank you for registering for tomorrow's EAP Kick-Off Webinar	41	73%	23%
5/25/2021	Early Action Plan Kick-Off Webinar TODAY @ 5:30	218	40%	20%
6/3/2021	Webinar Recording and Presentation Available	93	48%	30%
6/9/2021	KWA Stakeholder Advisory Committee Meeting: Wednesday, June 10	161	37%	22%





7/6/2021	KWA Stakeholder Advisory Committee Meeting	101	47%	24%
7/9/2021	July Educational Webinars	103	44%	21%
7/14/2021	July Mini Webinar Series for Residents	119	35%	15%
7/19/2021	Mini Webinar Series for Well Owners	110	47%	10%
7/23/2021	30-Minute Webinars	121	43%	6%
7/26/2021	Nitrates in Groundwater: 30-Minute Webinar	137	44%	21%
7/28/2021	Today @ Noon: Nitrates in Groundwater 30-Minute Webinar	26	80%	52%
7/28/2021	Nitrate Basics Webinar Survey	27	69%	19%
7/28/2021	Filling Out The Well Test Form: 30- Minute Webinar	130	42%	4%
7/29/2021	Well Form Webinar 7/29 Zoom link	13	85%	36%
7/30/2021	In 10 minutes! Learn how to fill out the Well Test Form @ Noon	128	30%	5%
8/2/2021	Webinar Recordings Available	151	42%	11%
9/27/2021	Domestic Well Owner Workshop Promo	137	47%	2%
10/7/2021	Domestic Well Owner Workshop Promo	138	38%	2%
10/11/2021	Domestic Well Owner Workshop Promo	138	41%	5%
10/13/2021	Domestic Well Owner Workshop  Materials Available	142	45%	7%

An example of an email notice sent to the impacted residents and interested stakeholders list is included in Appendix B-10.

#### YouTube

A YouTube account for the Kings Water Alliance has been established. The account serves as an outreach tool to share multimedia content. Videos will work to educate





the public while providing a catalogue of past webinars and outreach events for public reference.

Table 16: YouTube Videos

	YouTube VIDEOS		
Date	Title	Views	
2/1/2021	Safe Drinking Water Webinar: January 28, 2021	31	
	Early Action Plan Kick-Off: Next Steps to Bring Drinking Water to		
5/26/2021	<u>Residents</u>	47	
7/30/2021	Nitrates in Groundwater: The Basics	55	
8/2/2021	How-to: Filling Out the Well Test Form	18	
9/2021	Free Safe Water	8	
10/2021	Domestic Well Owner Workshop	13	
10/2021	Bottled Water Program Overview	13	
6/2022	KWA Interview Video	12	
7/12/22	A well Owner's Journey to Secure Safe Drinking Water	8	
	Local Well Owner Describes her Experience with Kings Water		
7/22/22	Alliance	11	

#### Social Media

KWA uses several social media channels as means to increase the reach to impacted residents about our safe drinking water programs, reinforce KWA's brand and engage with stakeholders. KWA is currently actively using the following platforms: Facebook, Instagram, and Twitter.

To further the reach to residents and stakeholders, KWA has engaged in social media advertising by boosting several Facebook and Instagram posts along with purchasing six Google Ads. In addition, a NextDoor account has been initiated and will be actively used in the upcoming year.

### **Non-digital communication**

#### Phone line

In October 2020, the KWA's dedicated phone line became available for impacted residents and other interested stakeholders to contact with questions or comments on EAP development and implementation. Spanish interpretation is available on the





phone line when and if needed. The phone number (559) 549-6747 is included on all outreach materials and on the webpage.

#### Physical Address

The KWA currently shares a physical address with the Kings River Water Quality Coalition. A PO Box is provided on all communications materials and on the webpage if impacted residents and other interested stakeholders prefer to communicate via direct mail.

#### Media Coverage – Print, Digital, Radio

The KWA has identified preferred media outlets to provide information regarding outreach and engagement. This may include press releases, newspaper articles, and media briefings. Media outreach will seek to promote public engagement and understanding. The KWA will maintain a list of regional media including radio, television, newspapers, and organizational newsletters along with state and specialized media. An example of coverage from the Fresno County Farm Bureau is included in Appendix B-11.

To date, individuals from the following media outlets have been actively engaged:

Table 17: Media outlets engaged

News/Media
Fresno County Farm Bureau Newsletter
Fresnoland
Cutler/Orosi News

**Table 17: Media Interviews** 

	Media Interviews			
Date	Topics	Channel		
1/21/2021	Promotion of Jan 28 Webinar	KBIF 900AM Punjabi Radio, Radio Bilingue, Hmong Radio		
6/25/2021	Dischargers' charged with cleaning up nitrates in groundwater	The Business Journal		
9/4/2021	KWA Overview & Bottled Water Program	Radio Bilingue		
1/28/22	KWA Overview & Bottled Water Program	Radio Bilingue - Community Calendar		





#### **Drinking Water Survey**

To better understand the priorities of impacted residents, the KWA conducted a drinking water survey. The survey provides an opportunity for impacted residents and other interested stakeholders to identify their solutions preferences and identify challenges to varying drinking water solutions. The Kings Water Alliance collaborated with the environmental justice organization Leadership Counsel for Justice and Accountability (LCJA) to develop and distribute the survey. The survey was disseminated via a diverse set of communications channels including the Kings Water Alliance interested persons email list, LCJA's email and text message lists, including through 16 additional community organizations and NGOs, and LCJA's community Facebook group to ensure wide distribution to the relevant stakeholder groups. The survey was offered in both English and Spanish. Data received from the results were distributed to the KWA staff, technical consultants, and Board for review and consideration. The survey results are attached in Appendix B-12.

#### **Outreach and Engagement Evaluation**

#### **Tracking Sheet**

To effectively measure outreach and engagement tactics against the goals and objective outlined in this strategy, a tracking document has been established for use across KWA staff in Google Sheets. The tracking sheet will ensure effective outreach and engagement reporting to the KWA Board, the public, State Board. Upon evaluation, the tracking sheet may assist KWA staff in pivoting efforts to increase clarity and efficiency of achieving the goals and objectives of this outreach strategy.

Measuring the success requires tracking the following metrics:

- Awareness and Reach Metrics:
  - Quantify the number of channels utilized to communicate
  - Quantify output of materials/touchpoints across communications channel
  - Quantify the number of individuals receiving communications across channels
- Engagement Metrics:
  - Website analytics
  - o Email open rate and click through rate
  - Workshop and meeting attendance
  - Phone calls received





#### • Impact Metrics:

- Track key topics and questions posed by public
- o Increase in engagement over time
- Level of support and cooperation expressed by stakeholders

The KWA staff will assess metrics on a quarterly basis, and pivot tactics on an as needed basis to ensure effective and efficient communication.

#### Reports to the Board and Stakeholder Committee

KWA staff will provide outreach and engagement activities reports to the Board and Stakeholder Committee as needed. This will give an opportunity for the Board, representatives of diverse stakeholder groups, and members of the public to provide comment and recommendations to KWA staff on ongoing outreach and engagement activities during EAP development and implementation. An example of a report to the Board is included for reference in Appendix B-13.





# APPENDIX B-1 PHASE 1 DEVELOPMENT OF THE EARLY **ACTION PLAN**





# EAP COMMUNITY ENGAGEMENT

# EARLY ACTION PLAN DEVELOPMENT COMMUNITY ENGAGEMENT STRATEGY

Developed sept 2020

#### GOALS

#### What steps do we take to achieve the objective?

- Identify and cultivate relationships with key influential individuals and organizations in the communities to amplify information from the KRWQC.
- 2. Provide input and participation channels that connect with them in a way that is effective for them.
- 3. Provide accurate, easy-to-understand, timely information on the EAP development

#### CENTRAL PROBLEM

The newly adopted Nitrate Control Program requires Early Action Plans to identify short-term and long-term replacement drinking water. To identify the best solutions, the KRWQC needs community input.

#### OBJECTIVE

Create a level of engagement and awareness with community residents that establishes trust and provides a robust participation in the development of the Early Action Plan.

IMPLEMENTATION
TIMEFRAME
Oct – Feb 2020

#### SITUATION ANALYSIS

#### Background

In May 2018, the Central Valley Water Board approved new Salt and Nitrate Control Programs. The Nitrate Control Program establishes a long-term management strategy for addressing nitrate pollution in the Central Valley's drinking water aquifers, with priority given to areas where nitrate is affecting drinking water supplies.

Under the Nitrate Control Program, providing replacement drinking water to affected communities is the highest and most immediate priority. The Central Valley Water Board requires that all efforts to provide interim replacement drinking water be described in Early Action Plans, which permittees must submit to the Central Valley Water Board according to timelines set by the Nitrate Control Program. The preparation of Early Action Plans requires community outreach and engagement to help develop interim drinking water replacement alternatives.

#### Central Problem

The newly adopted Nitrate Control Program requires Early Action Plans to identify short-term and long-term replacement drinking water. To identify the best solutions, the KRWQC needs community input.

#### **OBJECTIVE**

What is our overarching objective?

Create a level of engagement and awareness with community residents that establishes trust and provides a robust participation in the development of the Early Action Plan.

#### GOALS

What are the goals we can work toward to accomplish our objective?

- 1. Identify and cultivate relationships with key influential individuals and organizations in the communities to amplify information from the KRWQC.
- 2. Provide input and participation channels that connect with them in a way that is effective for them.
- 3. Provide accurate, easy-to-understand, timely information on the EAP development

#### AUDIENCE

Who are the relevant existing and potential engaged publics we must reach to achieve our goals?

- 1. Community Residents
- 2. Community organizations, information gatekeepers
- 3. Native American Tribes

#### MESSAGING

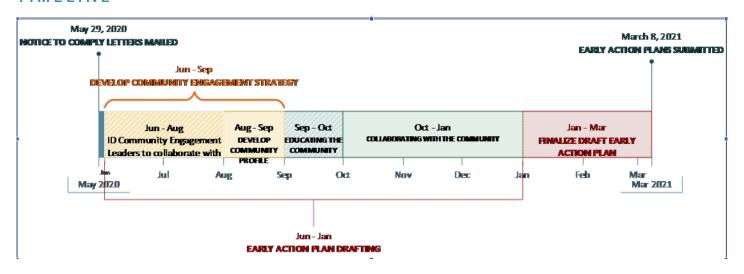
- 1. The new Nitrate Control program is part of a long-term strategy for addressing nitrate pollution in the Central Valley's groundwater.
- 2. The program The Nitrate Control Program has three goals: 1. Provide <u>safe drinking water</u> supplies. 2. Reduce nitrate impacts to water supplies. 3. Restore groundwater quality, where reasonable and feasible.
- 3. Many small communities in the Central Valley rely on groundwater for drinking water. Some communities can't safely use groundwater for drinking water as nitrate levels present a potential for human health impacts.
- 4. The Kings River Water Quality Coalition encourages participation and input from stakeholders.
- 5. The Kings River Water Quality Coalition seeks to incorporate public input received in decisions.

6. The Kings River Water Quality Coalition is committed to considering all stakeholder comments.

# TACTICS

TACTIC	AUDIENCE	LEAD	DEADLINE
Identify and cultivate community influencers to disseminate information	Community Residents	Cristel	Sept 22 <sup>nd</sup>
Conduct Community Profiles	All	Cristel	Sept 22 <sup>nd</sup>
Consult SHE on materials and outreach methods	Community Residents	Cristel	Sept 22 <sup>nd</sup>
Develop EAP webpage Include link to CV-SALTS video	All	Becca	Oct 16 <sup>th</sup>
Develop 1-page informational sheet on EAP (English/Spanish)	All	Cristel	Oct 16 <sup>th</sup>
Develop 1-page flyer to promote events	Community Residents	Becca	Oct 16 <sup>th</sup>
Send direct mail piece	Community Residents	Becca	Internal draft Oct 14th – in- homes Oct 29th
Host webinar – partner with SHE	Community Residents	Becca	Nov 12 <sup>th</sup>
Online survey for feedback Educational video series	All	Becca	Sept 25th – survey close Nov 30th
Dedicated phone line	All	Cristel	Sept 30th
Identify and directly engage community organization leaders to solicit feedback	Community Organizations	Cristel	Nov 30th
Tribal outreach – GIS and letter	Tribes	Cristel	Oct 29th
EAP Outreach Plan	-	Becca	ś
Informational flyer @ fill stations and key locations	Community residents	Весса	Oct 29 <sup>th</sup>

#### TIMELINE



# APPENDIX B-2 TACHI YOKUT TRIBE ENGAGEMENT



Tribal Chairman Leo Sisco Santa Rosa Rancheria Tachi-Yokut Tribe 16835 Alkali Dr. P.O. Box 8 Lemoore, CA 93245

Dear Chairman Sisco,

Many communities in the Central Valley rely on groundwater as their primary source of drinking water. Some communities cannot safely use groundwater for drinking water as nitrate levels above government safe drinking water standards present a potential for human health impacts. Local industry and community representatives have joined to form an entirely new organization, the Kings Water Alliance, to develop a plan that will identify short and long-term safe drinking water solutions to impacted residents in the region.

The intent of this letter is to invite the Tachi Yokut Tribe to participate in these efforts. Your involvement in identifying drinking water solutions is important. The Kings Water Alliance, a nonprofit agency forming to implement the State required Nitrate Control Program Early Action Plan, invites your Tribe to participate on the Stakeholder Advisory Committee. The Committee would work with the Kings Water Alliance Board to identify short and long-term solutions for providing safe drinking water to those residents impacted by nitrates in the Kings and Tulare Lake Subbasins.

We know the Tachi Yokut Tribe has a robust sustainability plan for your water resources. Even if you are unable to participate on the Advisory Committee, your input will be invaluable as we implement drinking water solutions. We hope that the Tribe will consider working with us on Early Action Plan implementation.

For more information, on this water quality program and the Kings Water Alliance, visit <a href="www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a>. We appreciate your consideration of joining the effort to provide safe drinking water to our region. If you have any questions or would like to further discuss this effort, please feel free to contact me at (559) 906-2952 or at ctufenkjian@krcd.org.

Respectfully,

Cristel Tufenkjian Kings Water Alliance Representative

cc: Leland McGee, Tribal Administrator

# APPENDIX B-3 STAKEHOLDER ADVISORY COMMITTEE FORMATION DOCUMENTS



# EAP Stakeholder Advisory Committee Discussion Paper

Forming a EAP Stakeholder Advisory Committee will provide a means in which interested parties may participate in the process of identifying and implementing short-term solutions and long-term drinking solutions and supporting outreach and community engagement and providing input Kings Water Alliance. The following are key excerpts from the Basin Plan Amendments regarding stakeholder involvement.

A Preliminary Management Zone Proposal must include all of the following unless otherwise approved by the Central Valley Water Board's Executive Officer:

.....(viii.) Documentation of process utilized to identify affected residents and the outreach utilized to ensure that they are given the opportunity to participate in development of an Early Action Plan;

An Early Action Plan 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 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 others as appropriate;

A Management Zone Implementation Plan is the equivalent of an Alternative Compliance Project. Management Zone Implementation Plans shall:

.... (iv.) Document collaboration with the community and/or users benefitting from any proposed short/long-term activities to provide safe drinking water;

#### **Stakeholder Advisory Committee Considerations**

- Role/purpose
- Composition and Selection of Members
- Governance

Stakeholder	Identified Participant
Impacted Residents	Rolinda Resident
	Armona Resident
	Stratford Resident
	Easton Resident

	Sultana Resident
	Monson Resident
	Raisin City Resident
	Orosi Resident
	Cutler Resident
Irrigated Agriculture	Kings River Water Quality Coalition
irrigated Agriculture	Fresno County Farm Bureau
	Kings County Farm Bureau
	Tulare County Farm Bureau
Croundwater Sustainability Agencies	North Kings GSA
Groundwater Sustainability Agencies	McMullin Area GSA
	Kings River East GSA
	North Fork Kings GSA
	Central Kings GSA
	South Kings GSA
	Mid-Kings GSA
	South Fork Kings GSA
	Tri-County GSA
	Southwest Kings GSA
Comment Breed Committee	El Rico GSA
Community Based Organization	Self-Help Enterprises
	Leadership Counsel for Justice & Accountability
	Community Water Center
Municipal	County of Tulare
	County of Kings
	County of Fresno
	City of Dinuba
	City of Kerman
Dairy	Dairy CARES
	California Milk Producers Council
Industry/Other	Kings Water Alliance Board Liaison
	Almond Board
	American Pistachio Growers
	Wonderful
	Zonneveld Dairies

# **APPENDIX B-4** KWA OUTREACH EFFORTS (2020 – PRESENT)



KWA OUTREACH EVENTS 2022					
				# flyers	
Date	Event Name (Calendar)	Event Type	Location (City)	distributed	
2/28/22	USDA Food Distribution - Orange Cove	Food Bank	Orange Cove	4	
3/4/22	USDA Food Distribution - Parlier	Food Bank	Parlier	125	
3/15/22	USDA Food Distribution - Raisin City	Food Bank	Raisin City	30	
3/22/22	World Water Day	campus	Fresno State	5	
4/5/2022	Neighborhood Market - Orange Cove	Food Bank	Orange Cove	150	
4/16/2022	Laton Food Distribution	Food Bank	Laton	100	
4/26/2022	Culter Food Distribution	Food Bank	Cutler	80	
5/17/2022	Orosi Food Distribution	Food Bank	Orosi	100	
6/3/2022	Dinuba Food Distribution	Food Bank	Dinuba	30	
				624	

### **KWA OUTREACH EVENTS 2021**

Date		Event Name (Calendar)	Event Type	Location (City)
	11/19/2020	EAP Community Drinking Water Webinar	Webinar	Online (Zoom)
	1/28/2021	EAP Community Drinking Water Webinar #2	Webinar	Online (Zoom)
	2/8/2021	AGUA Coalition Call	Online (Zoom)	Online (Zoom)
	2/10/2021	Virtual Office Hours	Office Hours	Online (Zoom)
	2/26/2021	Virtual Office Hours	Office Hours	Online (Zoom)
	5/26/2021	KWA Kick-Off Webinar	Webinar	Online (Zoom)
	7/27/2021	Nitrates in Groundwater: The Basics (Webinar #1)	Webinar	Online (Zoom)
	7/28/2021	Nitrates in Groundwater: The Basics Webinar (Webinar	Webinar	Online (Zoom)
	7/29/2021	How-to: Filling out the Well Test Form	Webinar	Online (Zoom)
	7/30/2021	How-to: Filling out the Well Test Form	Webinar	Online (Zoom)
	9/14/2021	Neighborhood Market - Lanare Community Center	Food Bank	Lanare
	9/16/2021	USDA Food Dist - Lanare Community Center	Food Bank	Lanare
	9/21/2021	Food Dist - Laton Church of the Nazarene	Food Bank	Laton
	10/12/2021	Domestic Well Workshop	Workshop	Easton
	10/16/2021	Food Distribution - Laton	Food Bank	Laton
	10/25/2021	Neighborhood Market - Orange Cove	Food Bank	Orange Cove
	10/28/2021	Food Distribution-Laton	Food Bank	Laton
	12/13/2021	Neighborhood Market - Del Rey	Food Bank	Del Rey
		· · · · · · · · · · · · · · · · · · ·		

	2022 DIRECT MAIL		
In-home date Mailer Topic	Audience	Language	Quantity
3/21/22 Targeted Resident postcard	Impacted Residents 7.5-1	0+ mg/L-English/Spanish	14,272
5/11/22 Targeted Resident postcard	Impacted Residents 7.5-1	0+ mg/L- English/Spanish	14,272

2021 DIRECT MAIL					
In-home date	Mailer Topic	Audience	Language	Quantity	
	Drinking Water Solutions - get				
11/5/2020	involved; webinar promotion	Potentially impacted residents	English/Spanish	6,014	
6/26/21	Targeted Resident July 1 Mailer	Impacted Residents 7.5-10+ mg/L-	English/Spanish	16,500	
09/2021	Vulnerable Populations mailer	Impacted residents, most vulnerab	English/Spanish	1,353	
09/2021	Targeted Resident postcard	Impacted Residents 7.5-10+ mg/L-	English/Spanish	25,000	

		2022 FLY	ERS	
Staff/Volunteer Name I	Date	Flyer Topic	Event	Locations
		Well Testing/Drinking Water		
Bryan Osorio	1/14/2022	Flyers	Community outreach	
Mariah Thompson, CRL	1/14/22	Well Testing/Drinking Water Flyers	Community outreach	
Danielle Beckett	1/4/2022	Well Testing/Drinking Water Flyers	Community outreach workers	
Peachjar	3/17/2022	Well Test/drinking water flyers	online distribution	Kings River East GSA
Megan	4/26/2022	Well Test/drinking water flyers	Community outreach	Cutler- USPS, La Fiesta Food, First Southern Bapist Chruch, Apolistic Assembly Church, Open Gate Ministry
Peachjar	4/27/2022	Well Test/drinking water flyers	online distribution to schools	Kings River East GSA
Megan	5/17/2022	Well Test/drinking water flyers	Community Outreach	Cutler Orosi Joint Unified School District
Megan	5/17/2022	Well Test/drinking water flyers	Community Outreach	Open Gate Ministries
Megan	6/3/2022	Well Test/drinking water flyers	Community Outreach	Orosi- SaveCo, Orosi Library, USPS
Cristel	7/19/2022	targeted resident flyer	direct email	Maria Herrera, CA State Director, Rural Development USDA

2021 FLYERS				
Staff/Volunteer Name	e Date	Flyer Topic	Event	Locations
		English/Spanish Nov	19 EAP	Easton, Hanford, Armona,
Ashley, Rebecca	11/9/2020	Webinar		Cutler, Orosi

Jose	English/Spanish Jan 28 EAP Webinar		Rolinda Double L Mobile Ranch Park Double L Neighborhood Community 168 West Park Beran Way Britten Easton William Hopkins Water System Easton Estates Water Company Caruthers Del Rey Perry Colony Raisin City Kamm Ranch Company Community 2489 Monmouth Community 235 Community 236 Hardwick Grangeville Armona Stratford Sultana Lopez Labor Camp Monson Orisi Cutler Yettem Seville
Leslie Martinez, LCJA	EAP Kick-Off webinar 5/19/2021 Spanish/English	EAP Kick-Off Webinar	LCJA resident connections
Sonia Sanchez, SHE	44328 EAP Kick-Off webinar Spanish/English	EAP Kick-Off Webinar	SHE resident connections
Joey Giordano (Wine Group)	Well Testing/Drinking Water 6/29/2021 Flyers		3 wineries in management zone
Stakeholder Advisory Co	Woll Testing/Drinking Water		

Angel Hernandez	7/1/2021	Laminated well testing/drinking water flyer		Lanare Community Center
Angel Hernandez	44378	Wall Testing/Drinking Water	COVID Vaccination Drive x2	·
Mariana, Leslie LCJA	7/12/2021	July Educational Webinars Flyer		Digital
Sonia, SHE	44389	July Educational Webinars Flyer		Digital
Mariah Thompson, CRLA	7/12/2021	July Educational Webinars Flyer		Digital
Stakeholder Advisory Co	44389	July Educational Webinars Flyer		
Central CA Food Bank, Tamara	8/12/2021	Well Testing/Drinking Water Flyers	7 Food Distributions	Cutler, Orange Cove, Orosi
Mariah Thompson, CRL	44448	Well Testing/Drinking Water Flyers		
Jim Hanson	9/11/2021		Laton Food Distribution	Laton
Easton resident	10/16/2021	Well Testing/Drinking Water Flyers	Friends/Neighbors	Easton
Sue Ruiz	10/16/2021	Laminated well testing/drinking water flyer	Community posting	Easton
Micaela Macareno	11/3/2021	Well Testing/Drinking Water Flyers	School district distribution	Cutler-Orosi
Francisco Macias	12/17/2021	Well Testing/Drinking Water Flyers	EDD management	

Date	2021 E Email Topic	MAIL UPDATES Email List
1/6/2021	Webinar #2: Community Drinking Water Solutions & Nov webinar resources	CV-SALTS: Nitrate Control Program, EAP Webinar Registrants, ILRP - Nitrate Management Program - Management Zone Formation
1/11/2021	Your survey response is requested	CV-SALTS: Nitrate Control Program
1/11/2021	Help us reach more impacted residents- Distribute flyer and infor to your colleagues and staff	ILRP - Nitrate Management Program - Management Zone Formation
1/15/2021	Reminder: Your survey response is requested// today is last day to complete the drinking water survey!	CV-SALTS: Nitrate Control Program
1/18/2021	Help Us Drive Clean Drinking Water Solutions: WEBINAR #2	CV-SALTS: Nitrate Control Program
1/22/2021	Zoom Link: Safe Drinking Water Webinar #2	CV-SALTS: Nitrate Control Program, Drinking Water Webinar #2 Registrants, ILRP - Nitrate Management Program - Management Zone Formation
1/28/2021	TODAY @ 6! ♦ Safe Drinking Water Webinar #2 ♦	CV-SALTS: Nitrate Control Program, Drinking Water Webinar #2 Registrants, ILRP - Nitrate Management Program - Management Zone Formation
2/1/2021	Helpful Resources & January 28 Webinar Recording	CV-SALTS: Nitrate Control Program
2/9/2021	Have your safe drinking water questions answered	CV-SALTS: Nitrate Control Program
2/10/2021	Join us anytime from now through 2:00 PM to have your questions answered	CV-SALTS: Nitrate Control Program, ILRP - Nitrate Management Program - Management Zone Formation
2/16/2021	<u>Virtual Office Hours is now LIVE</u>	CV-SALTS: Nitrate Control Program, ILRP - Nitrate Management Program - Management Zone Formation
2/22/2021	<u>Last Call for Comments! Share Your Input on the Early Action Plan</u> and PMZP	CV-SALTS: Nitrate Control Program, ILRP - Nitrate Management Program - Management Zone Formation
3/9/2021	Final Early Action Plan and PMZP Available for Download	CV-SALTS: Nitrate Control Program, ILRP - Nitrate Management Program - Management Zone Formation
5/3/2021	Fee Structure Workshops for Dischargers	KWA Category 1, KWA Category 2, KWA category 3, KWA Category Other
5/6/2021	Fee Structure Workshops for Dischargers Reminder	KWA Category 1, KWA Category 2, KWA category 3, KWA Category Other

5/7/2021 Early Action Plan and PMZP Approved by Regional Board	CV-SALTS: Nitrate Control Program, ILRP - Nitrate Management Program - Management Zone Formation
5/12/2021 Early Action Plan Kick-Off: Next Steps to Bring Drinking Water to Residents	CV-SALTS: Nitrate Control Program, ILRP - Nitrate Management Program - Management Zone Formation
5/21/2021 EAP Kick-Off Webinar Reminder	ILRP - Nitrate Management Program - Management Zone Formation, KWA: Stakeholders
5/24/2021 Thank you for registering for tomorrow's EAP Kick-Off Webinar	Webinar Registrants
5/25/2021 Early Action Plan Kick-Off Webinar TODAY @ 5:30	ILRP - Nitrate Management Program - Management Zone Formation, KWA: EAP Kick-Off Webinar Registrants, KWA: Stakeholders
6/3/2021 Webinar Recording and Presentation Available	KWA: Stakeholders
6/9/2021 KWA Stakeholder Advisory Committee Meeting: Wednesday, Jun	KWA: Discharger Category 1, KWA: Discharger Category 2, KWA: Discharger Category 3, KWA: Discharger Category Other, KWA: Stakeholders
7/6/2021 KWA Stakeholder Advisory Committee Meeting	KWA: Stakeholders
7/9/2021 July Educational Webinars	KWA: Stakeholders
7/14/2021 July Mini Webinar Series for Residents	KWA: EAP Kick-Off Webinar Registrants, KWA: Stakeholders
7/19/2021 Mini Webinar Series for Well Owners	KWA: Stakeholders
7/23/2021 <u>30-Minute Webinars</u>	KWA: Stakeholders
7/26/2021 Nitrates in Groundwater: 30-Minute Webinar	KWA- nitrates in groundwater webinar registrants, KWA: Stakeholders
7/28/2021 Today @ Noon: Nitrates in Groundwater 30-Minute Webinar	7/28 nitrate webinar registrants
7/28/2021 Nitrate Basics Webinar Survey	KWA Nitrates in Groundwater: The Basics (webinar attendees)
7/28/2021 Filling Out The Well Test Form: 30-Minute Webinar	KWA- well test form webinar registrants, KWA: Stakeholders
7/29/2021 Well Form Webinar 7/29 Zoom link	KWA- 7/29 well test webinar registrants
7/30/2021 In 10 minutes! Learn how to fill out the Well Test Form @ Noon	KWA- 7/30 well test form webinar registrants, KWA: Stakeholders
8/2/2021 Webinar Recordings Available	KWA Nitrates in Groundwater: The Basics (webinar attendees), KWA- 7/29 well test webinar registrants, KWA- 7/30 well test form webinar registrants, KWA- nitrates in groundwater webinar registrants, KWA- well test form webinar registrants, KWA: Stakeholders
9/27/2021 <u>Domestic Well Owner Workshop Promo</u>	KWA: Stakeholders

10/7/2021 <u>Domestic Well Owner Workshop Promo</u>	KWA: Stakeholders
10/11/2021 <u>Domestic Well Owner Workshop Promo</u>	KWA: Stakeholders
10/13/2021 Domestic Well Owner Workshop Materials Available	KWA: Stakeholders

#### 2020 EMAIL UPDATES

Date Email Topic

8/7/2020 Next Steps: Nitrate Control Program and Kings Management Zone

11/10/2020 Upcoming Webinar: EAP to address safe drinking water

11/19/2020 Reminder! Webinar tonight on EAP

	RADIO					
Date	Topics	Channel				
	Promotion of Jan 28 Webinar	KBIF 900AM Punjabi Radio, Radio Bilingue, Hmong Radio				
	9/4/2021 KWA Overview & Bottled Water Program	Radio Bilingue				
	1/28/22 KWA Overview & Bottled Water Program	Radio Bilingue - Community Calendar				

		NEWS MEDIA	
Date	Topics	Outlet	Journalist/Reporter
	<u>'Dischargers' charged with</u> <u>cleaning up nitrates in</u>		
6/25/2021	groundwater	The Business Journal	Breanna Hardy
E /20/2022	Residents Impacted by Contamination Are Receiving	Press Release	34 media outlets recieved press release
5/30/2022	2 Safe Drinking Water for Free	Press Release	including online, print, radio, TV

SOCIAL	MEDIA	INFLUENCER
Date		Organization
	9/9/2021	CRLA
9	9/13/2021	
	8/31/2021	LCJA
	8/26/2021	SHE
	1/14/2022	CRLA
	1/14/2022	CWC

	FACEBOOK
Month	Posts
July	8
August	2
September	2
October	6
November	C
December	4
January	1
February	1

	INSTAGRAM
Month	Accounts reached
July	1
August	5755
September	41
October	61
November	9
December	111
January	22
February	0

# APPENDIX B-5 STAKEHOLDER ADVISORY COMMITTEE PARTICIPANTS LIST



#### **KWA Stakeholder Advisory Committee**

First Name	Last Name	Representing	Representative or Al	ternate (foı Email
Kathryn	Robinson	California Rural Legal Assistance, Inc., alternate	alternate	krobinson@crla.org
Glenn	Allen	Fresno County, alternate	alternate	glallen@fresnocountyca.gov
Michael	Claiborne	Leadership Counsel for Justice and Accountability, alternate	alternate	mclaiborne@leadershipcounsel.org
Kassy	Chauhan	North Kings GSA	alternate	KChauhan@fresnoirrigation.com
Mariah	Thompson	California Rural Legal Assistance, Inc., representative	representative	mthompson@crla.org
Roy	Jimenez	Fresno County, representative	representative	RJJimenez@fresnocountyca.gov
Mariana	Alvarenga	Leadership Counsel for Justice and Accountability, representat	ive representative	malvarenga@leadershipcounsel.org
Lisa	Koehn	North Kings GSA	representative	clkoehn@sbcglobal.net
Phil	Desatoff	Central Kings GSA		pdesatoff@cidwater.com
Esther	Espinoza	Community of Riverdale		telgallinita@gmail.com
Kari	Quitana	Community of Sultana		kariq66@gmail.com
J.P.	Cativiela	Dairy Cares		J.P. Cativiela < jcativiela@cogentcc.com>
Blong	Xiong	Fresno Asian Business Institute & Resource Center		Blong Xiong  blongxiong@sbcglobal.net>
Ryan	Jacobsen	Fresno County Farm Bureau		ryan@fcfb.org
Dusty	Ference	Kings County Farm Bureau		dusty.ference@kcfb.org
Chad	Wegley	Kings River East GSA		cw@altaid.org
Jim	Petty	North Fork Kings GSA Rural Community Advisory Committee		jim_petty@sbcglobal.net
Eddie	Ocampo	Self-Help Enterprises		eddie@selfhelpenterprises.org

# APPENDIX B-6 WEBINAR ATTENDANCE



Nov 19 Webinar Attendee List
Leslie Martinez
J.P. Cativiela
Charlie
joe alvarez
Karen Petryna
Sarah Rutherford
David Belt
Charles Gardiner
Jonathan Nelson (CWC)
Clare McGarvin
kburns
sharoncrabtree
Gabby Nikolich
Joey Giordano
Dennis Yee
Daniel Roos
Laura Ramos
mike erwin
Donald Ikemiya
Morgan Campbell
corya
Janet Cangemi
Lisha Merritt
Roger Hitchcock
Mariah Thompson
Monica Vaughan
Stephen Fletcher
Mimi Koligian
Sarah Lee
Jason.Crosswell
Mike Beerends
Mark McKean

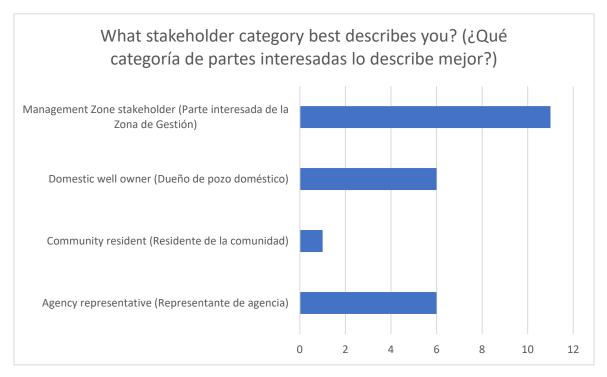
#### APPENDIX B-7 WEBINAR LIVE POLL RESULTS

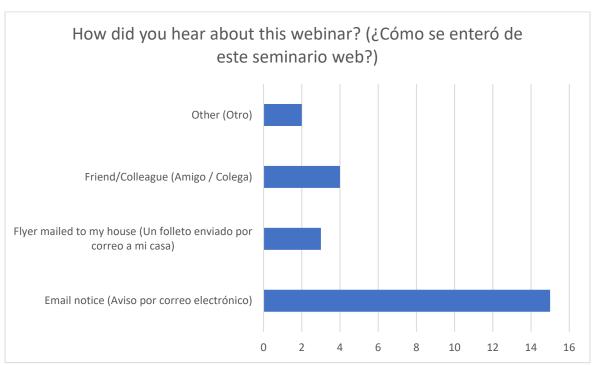


#### November 19, 2020 Webinar Polling Results

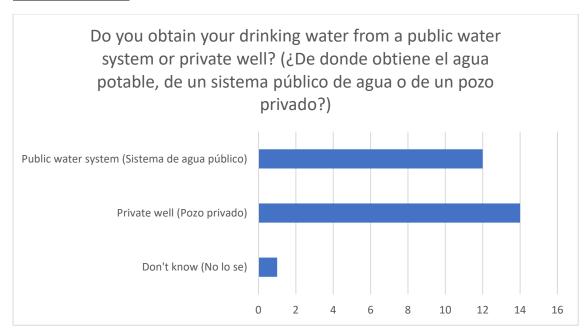
Please note, if an answer was not selected, it does not appear in the results

#### **POLLING SESSION 1**

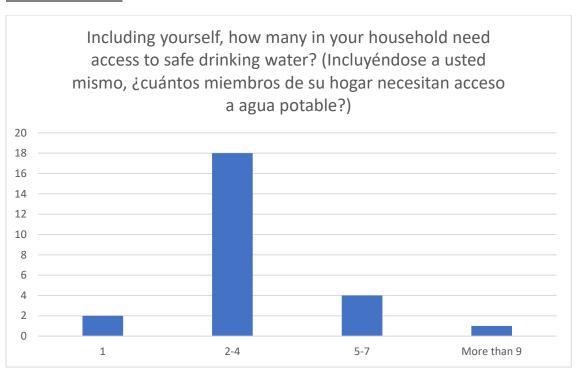




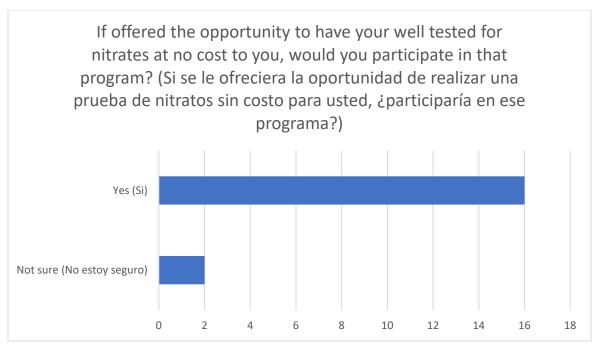
#### **POLLING SESSION 2**

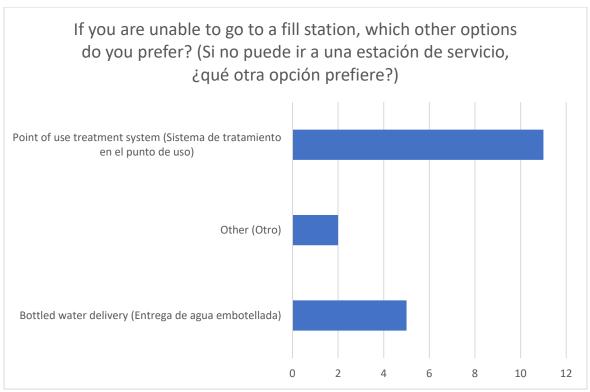


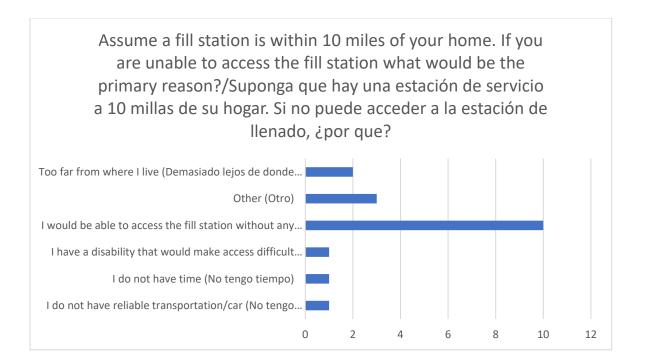
#### **POLLING SESSION 3**



#### **POLLING SESSION 4**







#### APPENDIX B-8 KWA FLYERS



# SAFE DRINKING WATER



#### Safe drinking water solutions are being developed in local communities

A new groundwater quality initiative, the Nitrate Control Program under CV-SALTS, is part of a strategy to address nitrate pollution in the Central Valley's groundwater. **The Kings Water Alliance is developing solutions in your area to provide safe drinking water supplies for local communities impacted by nitrates.** 

#### Join us to learn more about the Early Action Plan for drinking water solutions

Drinking water solutions should be flexible and locally driven. Help us drive solutions! Join us for a webinar to learn more about the Nitrate Control Program and proposed drinking water solutions. You will have an opportunity to provide input and ask questions.



## Webinar November 19, 6:00-7:30 PM

REGISTER ONLINE: WWW.KINGSRIVERWQC.ORG/DRINKINGWATER

#### HOW YOU CAN GET INVOLVED



Sign up to receive email updates on webinar details and opportunities to provide input on drinking water solutions <a href="https://www.kingsriverwgc.org/drinkingwater">www.kingsriverwgc.org/drinkingwater</a>



Attend the upcoming webinar on November 19th. Register online at <a href="https://www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a>



**Find information** on CV-SALTS (Central Valley Salinity Alternatives for Long-Term Sustainability) and the Nitrate Control Program at <a href="https://www.cvsalts.info">www.cvsalts.info</a>



# SE ACERCAN SOLUCIONES AGUA POTABLE SEGURA



#### Se están desarrollando soluciones de agua potable segura en las comunidades locales

Una nueva iniciativa de calidad de las aguas subterráneas, el Programa de Control de Nitratos bajo CV-SALTS, es parte de una estrategia para abordar la contaminación por nitratos en las aguas subterráneas del Valle Central. Kings Water Alliance está desarrollando soluciones en su área para proporcionar suministros de agua potable segura para las comunidades locales afectadas por nitratos.

## Acompáñenos para obtener más información sobre el Plan de Acción Temprana para soluciones de agua potable

Las soluciones de agua potable deben ser flexibles y dirigidas localmente. ¡Ayúdanos a impulsar soluciones! Acompáñenos para un seminario web para obtener más información sobre el Programa de Control de Nitratos y las propuestas soluciones de agua potable. Usted tendrá la oportunidad de proporcionar información y hacer preguntas.



## Seminario Web 19 de noviembre, 6:00-7:30

REGISTRARSE: WWW.KINGSRIVERWQC.ORG/DRINKINGWATER

#### CÓMO PUEDE INVOLUCRARSE



Regístrese para recibir actualizaciones por correo electrónico sobre los detalles del seminario web y las oportunidades para proporcionar información sobre las soluciones de agua potable <a href="https://www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a>



Asista al próximo seminario web el 19 de noviembre. Regístrese en línea en www.kingsriverwqc.org/drinkingwater



**Encuentre información** sobre CV-SALTS (Alternativas de Salinidad para la Sostenibilidad a Largo Plazo del Valle Central, CV-SALTS por su sigla en inglés) y el Programa de Control de Nitratos en www.cvsalts.info



# SAFE DRINKING WATER



#### Safe drinking water solutions are being developed in local communities

A new groundwater quality initiative, the Nitrate Control Program under CV-SALTS, is part of a strategy to address nitrate pollution in the Central Valley's groundwater. **The Kings Water Alliance is developing solutions in your area to provide safe drinking water supplies for local communities impacted by nitrates.** 

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### Webinar

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**Sign up to receive email updates** on webinar details and opportunities to provide input on drinking water solutions <a href="https://www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a>



Attend the upcoming webinar on November 19th. Register online at <a href="https://www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a> or call us at (559) 549-6747



**Find information** on CV-SALTS (Central Valley Salinity Alternatives for Long-Term Sustainability) and the Nitrate Control Program at <a href="www.cvsalts.info">www.cvsalts.info</a>

| Webinar 11/19/2020    |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| www.kingsriverwqc.org |
| /drinkingwater        |
| (559) 549-6747        | (559) 549-6747        | (559) 549-6747        | (559) 549-6747        | (559) 549-6747        | (559) 549-6747        | (559) 549-6747        | (559) 549-6747        | (559) 549-6747        |
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# SE ACERCAN SOLUCIONES AGUA POTABLE SEGURA



#### Se están desarrollando soluciones de agua potable segura en las comunidades locales

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## Seminario Web 19 de noviembre, 6:00-7:30

REGISTRARSE: WWW.KINGSRIVERWQC.ORG/DRINKINGWATER

### CÓMO PUEDE INVOLUCRARSE

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Regístrese para recibir actualizaciones por correo electrónico sobre los detalles del seminario web y las oportunidades para proporcionar información sobre las soluciones de agua potable <a href="www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a>



Asista al próximo seminario web el 19 de noviembre. Regístrese en línea en www.kingsriverwqc.org/drinkingwater



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59) 549-6747	59) 549-6747	59) 549-6747	59) 549-6747	59) 549-6747	59) 549-6747	59) 549-6747	59) 549-6747

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#### NITRATES IN YOUR DRINKING WATER?

## YOU MAY BE ELIGIBLE FOR FREE, SAFE WATER

**Drinking nitrate-contaminated groundwater poses health risks.** Many small communities in the Central Valley rely on groundwater for drinking water. Because of unsafe nitrate levels in some areas, people cannot safely use the groundwater for drinking and cooking.

The Kings Water Alliance is a non-profit organization formed in 2021 to provide drinking water for residents who are impacted by unsafe levels of nitrates. If you live in the Kings Water Alliance and drink from a well with nitrates above safe drinking levels, you may be eligible to receive free bottled water. Find out if your well is impacted. See back of flyer for details on free well testing offered by the Kings Water Alliance.



## 2 IN 5 DOMESTIC WELLS ARE IMPACTED BY UNSAFE LEVELS OF NITRATE IN THE KINGS WATER ALLIANCE\*.

Visit <u>www.kingswateralliance.org/map</u> to find out if you live in the Kings Water Alliance. If you drink from a well with nitrates above safe drinking water levels, you may be eligible for FREE drinking water solutions.

#### Unsafe Nitrate in Groundwater

We estimate over 2 in 5 domestic wells in the Kings Water Alliance (left) are impacted by unsafe levels of nitrate. Above 10 milligrams per liter of nitrogen as nitrate (mg/L-N) is considered unsafe for drinking and cooking. Contact us to have your well tested for FREE.

#### Solving the Nitrate Problem

An Early Action Plan (EAP) to address drinking water with unsafe nitrate levels has been developed. The EAP identifies nitrate-impacted areas and proposes short-term, immediate drinking water sources for residents like bottled water.

### **Drinking Water Solutions**

The Kings Water Alliance will provide safe drinking water at **no cost** to those impacted by unsafe nitrate levels. Two key options for impacted residents includes bottled water (delivered or non-delivered) and local fill station kiosks.





\*Based on available data, we estimate over 2 in 5 domestic wells are impacted by >10 mg/L-N.

Website: www.kingswateralliance.org Email: info@kingswateralliance.org Phone: (559) 549-6747

# NITRATE-IMPACTED RESIDENTS ACCESSING SAFE DRINKING WATER

Think you might qualify for free drinking water solutions? Here's how you can check:

- 1
- Confirm you live within the Kings Water Alliance boundary

Visit <u>www.kingswateralliance.org/map</u> to check that your address is in the Priority 1 area on our interactive map. Or call us at (559) 549-6747 for assistance.

- Have your well tested for FREE to confirm unsafe nitrate levels

  The Kings Water Alliance is offering FREE water quality testing for nitrates. Visit

  www.kingswateralliance.org/welltest or call us at (559) 549-6747 to schedule a free test.
- Be willing to sign an agreement with a service provider

  The Kings Water Alliance is committed to providing excellent safe drinking water solutions at no cost to eligible residents via service providers who deliver bottled water.

Ready to take the next steps to receive free drinking water solutions? Contact us at info@kingswateralliance.org or (559) 549-6747.

### fill stations: existing solutions for residents



Three fill station locations are now accessible throughout the Kings Water Alliance. Bring an empty container to a fill station and take safe, accessible, free drinking water back to your home.

Visit <u>www.kingswateralliance.org/fillstations</u> for location maps more details.

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230



#### **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

#### **DINUBA**

517 W El Monte Way Dinuba, CA 93618

The Kings Water Alliance (KWA) is a non-profit organization formed to efficiently implement new water quality requirements. Under the Nitrate Control Program approved by the State Water Resources Control Board in October 2019, the KWA is

tasked with identifying short- and long-term drinking water solutions for residents impacted by unsafe levels of nitrates. Beyond providing drinking water solutions, the KWA is tasked with reducing nitrate impacts to water supplies, and restoring groundwater quality where reasonable and feasible.



## ¿NITRATOS EN SU AGUA POTABLE? PUEDE SER ELEGIBLE PARA OBTENER AGUA SEGURA Y GRATUITA

Beber agua subterránea contaminada con nitratos presenta riesgos para la salud. Muchas comunidades pequeñas en el Valle Central dependen del agua subterránea para beber. Debido a los niveles peligrosos de nitrato en algunas áreas, las personas no pueden usar el agua subterránea de manera segura para beber y cocinar.

Kings Water Alliance es una organización sin fines de lucro formada en 2021 para proporcionar agua potable a los residentes que se ven afectados por niveles peligrosos de nitratos. Si vive en Kings Water Alliance y bebe de un pozo con nitratos sobere los niveles seguros para beber, puede ser elegible para recibir agua embotellada gratis. Descubra si su pozo esta afectado. Consulte el reverso del folleto para obtener detalles sobre las pruebas de pozos gratuitas que ofrece Kings Water Alliance.



2 de5

LOS POZOS DOMÉSTICOS ESTAN IMPACTADOS POR NIVELES INSEGUROS DE NITRATO EN EL KINGS WATER ALLIANCE\*

Visite <a href="www.kingswateralliance.org/map">www.kingswateralliance.org/map</a> para averiguar si vive en Kings Water Alliance. Si bebe de un pozo con nitratos por encima de los niveles de agua potable, puede ser elegible para soluciones GRATUITAS de agua potable.

#### Nitrato Inseguro en Aguas Subterráneas

Estimamos que más de 2 de cada 5 pozos domésticos en Kings Water Alliance (izquierda) se ven afectados por niveles peligrosos de nitrato. Más de 10 miligramos por litro de nitrógeno como nitrato (mg / L-N) se considera inseguro para beber y cocinar. Contáctenos para que le hagan una prueba GRATUITA.

#### Resolviendo el Problema de Los Nitratos

Se ha desarrollado un Plan de Acción Temprana (EAP) para abordar el agua potable con niveles peligrosos de nitrato. El EAP identifica áreas impactadas por nitratos y propone fuentes de agua potable inmediatas a corto plazo para los residentes, como agua embotellada.

#### Soluciones de agua potable

Kings Water Alliance proporcionará agua potable segura sin costo alguno a quienes se vean afectados por niveles peligrosos de nitrato. Dos opciones clave para los residentes afectados incluyen agua embotellada (entregada o no) y quioscos de estaciones de servicio locales.



\*según los datos disponibles, estimamos que más de 2 de cada 5 pozos domésticos se ven afectados por> 10 mg / L-N.



Sitio web: www.kingswateralliance.org Email: info@kingswateralliance.org Teléfono: (559) 549-6747

## ACCESO A AGUA POTABLE SEGURA

¿Crees que podrías calificar para soluciones gratuitas de agua potable? A continuación, le indicamos cómo puede verificar:

- 1
- Confirme que vive dentro de los límites de Kings Water

Visite <u>www.kingswateralliance.org/map</u> para verificar que su dirección esté en el área de Prioridad 1 en nuestro mapa interactivo. O llámenos al (559) 549-6747 para obtener ayuda.

- 2
- Confirme que su pozo tiene niveles peligrosos de nitrato

Kings Water Alliance ofrece pruebas **GRATUITAS** de la calidad del agua para detectar nitratos. Visite www.kingswateralliance.org/welltest o llámenos al (559) 549-6747 para programar una prueba gratuita.

- 3
- Estar dispuesto a firmar un acuerdo con un proveedor de servicios

Kings Water Alliance se compromete a proporcionar excelentes soluciones de agua potable sin costo para los residentes elegibles a través de proveedores de servicios que entregan agua embotellada.

¿Está listo para dar los siguientes pasos para recibir soluciones de agua potable gratuitas? Contáctenos en info@kingswateralliance.org o (559) 549-6747.

### Máquinas de agua: soluciones existentes para los residentes



Ahora se puede acceder a tres ubicaciones de estaciones de servicio a lo largo de Kings Water Alliance. Lleve un recipiente vacío a una estación de llenado y lleve agua potable segura, accesible y gratuita a su hogar.

Visite <u>www.kingswateralliance.org/fillstations</u> para obtener más detalles sobre mapas de ubicación.

#### **HANFORD**

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#### **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

#### **DINUBA**

517 W El Monte Way Dinuba, CA 93618

Kings Water Alliance (KWA) es una organización sin fines de lucro formada para implementar de manera eficiente los nuevos requisitos de calidad del agua. Bajo el Programa de Control de Nitratos aprobado por la Junta Estatal de Control de Recursos

Hídricos en octubre de 2019, la KWA tiene la tarea de identificar soluciones de agua potable a corto y largo plazo para los residentes afectados por niveles peligrosos de nitratos. Más allá de proporcionar soluciones de agua potable, la KWA tiene la tarea de reducir los impactos de los nitratos en los suministros de agua y restaurar la calidad del agua subterránea cuando sea razonable y factible.



### PRIVATE WELL OWNERS

Unsafe nitrate levels in well water could have negative health impacts. Have your well water tested to see if you're impacted, and access FREE safe water for your home.

### LEARN MORE AT THE UPCOMING FOOD DISTRIBUTION IN LATON

Tuesday, September 21st from 10:00 AM - 12:00 PM

Laton Church of the Nazarene

6258 E Murphy Ave., Laton, CA 93242

The Kings Water Alliance will be available to answer questions and help you fill out the form to request a free well test and bottled delivery.

Can't make it? Learn more and fill out the online form to request free well testing and bottled water <a href="https://www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>.





@kingswateralliance



### PROPIETARIOS DE POZOS PRIVADOS

Los niveles inseguros de nitrato en el agua de pozo podrían tener impactos negativos en la salud. Haga que le analicen el agua de su pozo para ver si está afectado y acceda a agua potable GRATIS para su hogar.

### MÁS INFORMACIÓN EN LA PRÓXIMA DISTRIBUCIÓN DE ALIMENTOS EN LATON

Martes 21 de Septiembre de 10:00 AM a 12:00 PM

Laton Iglesia del Nazareno

6258 E Murphy Ave., Laton, CA 93242

Kings Water Alliance estará disponible para responder preguntas y ayudarlo a completar el formulario para solicitar una prueba de pozo gratuita y una entrega embotellada.

¿No puedes asistir? Obtenga más información y complete el formulario en línea para solicitar pruebas de pozo y agua embotellada gratuitas www.kingswateralliance.org/welltest.





## EARLY ACTION PLAN KICK-OFF WEBINAR

next steps to bring drinking water to residents

## May 25, 5:30-6:30 PM Spanish Translation Available

Find Zoom Webinar information at link below: www.kingswateralliance.org/events/webinar

#### THIS WEBINAR WILL PROVIDE INFORMATION ON:

How to receive free well testing.

Where to access safe drinking water.

The submitted Early Action Plan, part of a strategy to address nitrates above safe levels in the Central Valley's groundwater.

This webinar is for Kings Water Alliance residents as well as interested stakeholders and members of the public. Drinking water solutions should be flexible and locally driven. Help us drive solutions! Learn more at:

www.kingswateralliance.org



### **UPCOMING WEBINARS**

Information on nitrates and safe drinking water in the Kings Water Alliance

WEBINAR

WEBINAR

NITRATES IN GROUNDWATER: THE BASICS

**HOW-TO: FILLING OUT THE WELL TEST FORM** 

Tuesday, July 27, 5:30 - 6:00 PM or

Thursday, July 29, 5:30 - 6:00 PM or

Wednesday, July 28, 12:00 - 12:30 PM

Friday, July 30, 12:00 - 12:30 PM

Spanish translation available.

Register at <a href="https://www.kingswateralliance.org/events">www.kingswateralliance.org/events</a>.

Or watch the webinars on Facebook by going to <a href="facebook.com/kingswateralliance">facebook.com/kingswateralliance</a> at the webinar start time to begin watching live. Like our page to be notified as soon as we go live!

Webinars are for Kings Water Alliance residents as well as interested stakeholders and members of the public. Learn more at: www.kingswateralliance.org.



### PRÓXIMOS SEMINARIOS DE WEB

MÁS INFORMACIÓN SOBRE NITRATOS Y AGUA POTABLE SEGURA EN KINGS WATER ALLIANCE

WEBINAR

WEBINAR

NITRATOS EN AGUAS SUBTERRÁNEAS: LO BÁSICO

CÓMO: LLENAR EL FORMULARIO DE PRUEBA DE AGUA

27 de Julio 5:30 - 6:00 PM o

29 de Julio 5:30 - 6:00 PM o

28 de Julio 12:00 - 12:30 PM

30 de Julio 12:00 - 12:30 PM

Traducción en Español disponible. Información de registro en <u>www.kingswateralliance.org/events</u>.

O vea los seminarios web en Facebook en <u>facebook.com/kingswateralliance</u> a la hora de inicio del seminario web para comenzar a verlos en vivo. ¡De nos un like en nostra página para recibir una notificación tan pronto como estemos en vivo!

Seminarios web está dirigido tanto a los residentes de Kings Water Alliance como a los interesados partidos interesados y miembros del público. Obtenga más información en: www.kingswateralliance.org







### IS YOUR WELL WATER SAFE TO DRINK?

The Kings Water Alliance, a local non-profit, is providing FREE well testing for nitrates. Drinking nitrate-contaminated groundwater is a serious public health issue. If your drinking water has unsafe nitrate levels, we will provide you with safe drinking water solutions. As a free community resource, our goal is to make access to safe drinking water simple and quick.

## NEED ACCESS TO SAFE DRINKING WATER TODAY?

Here is a list of FREE and SAFE drinking water fill stations:

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230

#### **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

#### **DINUBA**

517 W El Monte Way Dinuba, CA 93618



Three fill station locations are accessible throughout the Kings Water Alliance. Bring an empty container to a fill station and take safe, accessible, free drinking water back to your home.

## To see if you are eligible for free drinking water, we have 3 easy steps!

#### 1. Take our 2-minute survey

Survey available three ways:

- 1. Scan the QR Code
- 2. Paper form: call (559) 549-6747
- 3. Online: www.kingswateralliance.org/welltest

### 2. We perform well test

Our experienced staff perform a simple and quick well test to see if there is an unsafe level of nitrates in your drinking water.



### 3. Receive bottled water

We deliver FREE bottled water to you. Bottled water is delivered every two weeks in 5-gallon containers.



Learn more and follow:









@kingswateralliance

Website: www.kingswateralliance.org
Email: info@kingswateralliance.org

Phone: (559) 549-6747





### ¿EL AGUA DE SU POZO ES SEGURA PARA BEBER?

Kings Water Alliance, una organización local sin fines de lucro, ofrece pruebas de nitratos en pozos GRATIS. Beber agua subterránea contaminada con nitratos es un grave problema de salud pública. Si su agua potable tiene niveles de nitrato inseguros, le proporcionaremos soluciones de agua potable segura. Como recurso comunitario gratuito, nuestro objetivo es hacer que el acceso al agua potable segura sea simple y rápida.

## ¿NECESITA ACCESO A AGUA POTABLE HOY?

Aquí hay una lista de máquinas de agua potable GRATIS y SEGURA:

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230

#### **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

#### DINUBA

517 W El Monte Way Dinuba, CA 93618

Se puede acceder tres ubicaciones de estaciones de agua en Kings Water Alliance. Lleve un garrafones vacío a una estación de agua y lleve agua potable segura, accesible y gratuita a su hogar.



Para ver si es elegible para agua potable gratis, ¡tenemos 3 sencillos pasos!

## 1. Realice nuestra encuesta de 2 minutos

Encuesta disponible de tres maneras:

- 1. Escanea el código QR
- 2. Formulario en papel: llame al (559) 549-6747
- 3. En línea: www.kingswateralliance.org/welltest

### 2. Realizamos la prueba

Nuestro personal experimentado realiza una prueba de pozo simple y rápida para ver si hay un nivel inseguro de nitratos en su agua potable.



### 3. Recibir agua embotellada

Te entregamos agua embotellada GRATIS. El agua embotellada se entrega cada dos semanas en contenedores de 5 galones.



Obtenga más información y siga:









@kingswateralliance

Website: www.kingswateralliance.org Email: info@kingswateralliance.org Phone: (559) 549-6747

#### **APPENDIX B-9 KWA DIRECT MAIL**





# SEMINARIO WEB DE INICIO DEL PLAN DE ACCIÓN TEMPRANA

próximos pasos para llevar agua potable a los residentes

## 25 de May, 5:30-6:30 PM Traducción al Español Disponible

Encuentre información sobre el seminario web por Zoom en el siguiente enlace: www.kingswateralliance.org/events/webinar

### ESTE WEBINAR PROPORCIONARÁ INFORMACIÓN SOBRE:

Cómo recibir pruebas de pozo gratuitas.

Dónde obtener agua potable segura.

El Plan de Acción Temprana presentado, parte de una estrategia para hacerse cargo del los nitratos que estan sobre los niveles seguros en la agua subterránea del Valle Central.

Este seminario web está dirigido tanto a los residentes de Kings Water Alliance como a los interesados partidos interesados y miembros del público. Las soluciones de agua potable deben ser flexible y orientado localmente. ¡Ayúdanos a manejar soluciones! Obtenga más información en:

www.kingswateralliance.org







### Safe drinking water solutions are being developed in local communities

A new groundwater quality initiative, the Nitrate Control Program under CV-SALTS, is part of a strategy to address nitrate pollution in the Central Valley's groundwater. **The Kings Water Alliance is developing solutions in your area to provide safe drinking water supplies for local communities impacted by nitrates.** 

## Join us to learn more about the Early Action Plan for drinking water solutions

Drinking water solutions should be flexible and locally driven. Help us drive solutions! Join us for a webinar to learn more about the Nitrate Control Program and proposed drinking water solutions. You will have an opportunity to provide input and ask questions.







VISIT <u>www.kingsriverwqc.org/</u>
<u>drinkingwater</u> to register for the webinar, sign up for email updates, and learn more about the Nitrate Control Program.

# Webinar Drinks November 19, 6:00-7:30 PM

REGISTER: WWW.KINGSRIVERWOC.ORG/DRINKINGWATER

## Seminario Web

19 de noviembre, 6:00-7:30

REGISTRARSE: WWW.KINGSRIVERWQC.ORG/DRINKINGWATER

#### Se están desarrollando soluciones de agua potable segura en las comunidades locales

Una nueva iniciativa de calidad de las aguas subterráneas, el Programa de Control de Nitratos bajo CV-SALTS, es parte de una estrategia para abordar la contaminación por nitratos en las aguas subterráneas del Valle Central. Kings Water Alliance está desarrollando soluciones en su área para proporcionar suministros de agua potable segura para las comunidades locales afectadas por nitratos.



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VISITE <u>www.kingsriverwqc.org/drinkingwater</u> para registrarse al seminario web, suscribirse a actualizaciones por correo electrónico y obtener más información sobre el Programa de Control de Nitratos.

Acción Temprana para soluciones de agua potable

Las soluciones de agua potable deben ser flexibles y dirigidas localmente. ¡Ayúdanos a impulsar soluciones! Acompáñenos para un seminario web para obtener más información sobre el Programa de Control de Nitratos y las propuestas soluciones de agua potable. Usted tendrá la oportunidad de proporcionar información y hacer preguntas.



P.O. Box 8259, Fresno, CA 93747 | (559) 549-6747 | www.kingsriverwqc.org/drinkingwater





## SAFE DRINKING WATER **SOLUTIONS ARE COMING**



Sign up to receive email updates on webinar details and opportunities to provide input on drinking water solutions <u>www.kingsriverwqc.org/drinkingwater</u>



Attend the upcoming webinar on November 19th. Register online at www.kingsriverwqc.org/drinkingwater



Find information on CV-SALTS (Central Valley Salinity Alternatives for Long-Term Sustainability) and the Nitrate Control Program at www.cvsalts.info



P.O. Box 8259 Fresno, CA 93747

RETURN SERVICE REQUESTED

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GROUNDWATER IN YOUR AREA MAY EXCEED SAFE DRINKING WATER STANDARDS. BE A PART OF THE SAFE DRINKING WATER SOLUTION: WWW.KINGSRIVERWQC.ORG/DRINKINGWATER

LA AGUA SUBTERRÁNEA EN SU ÁREA PUEDE EXCEDER LOS ESTÁNDARES DE AGUA POTABLE SEGURA. SEA PARTE DE LA SOLUCIÓN DE AGUA POTABLE SEGURA: WWW.KINGSRIVERWQC.ORG/DRINKINGWATER

## SE ACERCAN SOLUCIONES PARA AGUA POTABLE SEGURA



Registrese para recibir actualizaciones por correo electrónico sobre los detalles del seminario web y las oportunidades para proporcionar información sobre las soluciones de agua potable www.kingsriverwgc.org/drinkingwater



Asista al próximo seminario web el 19 de noviembre. Regístrese en línea en www.kingsriverwqc.org/drinkingwater



Encuentre información sobre CV-SALTS (Alternativas de Salinidad para la Sostenibilidad a Largo Plazo del Valle Central, CV-SALTS por su sigla en inglés) y el Programa de Control de Nitratos en www.cvsalts.info



July 1, 2021

Dear Resident,

The Kings Water Alliance, a non-profit organization tasked with providing drinking water solutions for residents in your area, is offering FREE domestic well nitrate testing for private well owners as part of the Central Valley Salinity Alternative for Long Term Sustainability (CV-SALTS) initiative. Participation in this initiative is voluntary.

If you are interested in receiving a free well test to determine your domestic well nitrate levels, please fill out the Drinking Water Well Sampling/Bottled Water Form at <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>. If you would like a paper copy of the form, you can contact us by phone at (559) 549-6747 or email at info@kingswateralliance.org. You are eligible for free bottled water if your well sample results show that your drinking water contains nitrates above safe drinking water standards.

Nitrates are a concern for Central Valley residents in some areas. The Central Valley has nitrate levels in the groundwater that are above public health standard limit of 10 milligrams per liter. Drinking water with high nitrates can pose health risks.

#### To sign up for FREE domestic well nitrate testing, please follow the below steps:

**Step 1:** Submit the Drinking Water Well Sampling/Bottled Water Form online in English or Spanish at <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>. If you would like a paper copy of the form, call us at (559) 549-6747 or email info@kingswateralliance.org.

**Step 2:** Agree to have your private domestic well tested for nitrate.

**Step 3:** Receive your domestic well nitrate test results. If your well water contains nitrate above drinking water standards, you are eligible to receive FREE bottled water.

If your domestic well has nitrate levels above safe drinking water standards, we will work with you to get enrolled in our bottled water program with our provider, Sparkletts, and will walk through all information regarding the bottled water program and regular bottled water deliveries at that time. Only private wells with nitrates above the drinking water standards are eligible for Kings Water Alliance's bottled water program.

We encourage you to participate in this free program offered by the Kings Water Alliance. If you have any questions, please call us at (559) 549-6747, or email us at info@kingswateralliance.org.

Sincerely.

Charlotte Gallock

Executive Director

Kings Water Alliance

You received this mailer because you live in an area that is potentially impacted by unsafe level of nitrates in groundwater. The best way to know if your groundwater has unsafe levels of nitrate is to have your well tested for FREE by the Kings Water Alliance. To receive a free well test, fill out our form at <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>. Call or email us if you prefer a paper a form. If your test indicates your nitrate levels are above drinking water standards, you may be eligible for FREE bottled water.

www.kingswateralliance.org/welltest | info@kingswateralliance.org | (559) 549-6747





Querido Residente,

Kings Water Alliance, es una organización sin fines de lucro encargada de proporcionar soluciones de agua potable para los residentes de su área, ofrece pruebas de nitrato de pozos domésticos GRATUITAS para propietarios de pozos privados como parte de la Alternativa de Salinidad del Valle Central para la Sostenibilidad a Largo Plazo (CV-SALTS) iniciativa. La participación en esta iniciativa es voluntaria.

Si está interesado en recibir un análisis agua gratuita para determinar los niveles de nitrato de su pozo doméstico, complete el formulario en <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>. Si desea una copia del formulario en papel, puede comunicarse con nosotros por teléfono al (559) 549-6747 o por correo electrónico a info@kingswateralliance.org. Usted es elegible para agua embotellada gratis si los resultados de sus muestras de agua contiene nitratos por encima de los estándares de agua potable segura.

Los nitratos son una preocupación para todos los residentes del Valle Central en algunas áreas. El Valle Central tiene niveles de nitrato en la agua subterránea que están por sobre el límite estándar de salud pública de 10 miligramos por litro. Beber agua con alto contenido de nitratos puede presentar riesgos de salud.

#### Para inscribirse en una prueba de nitrato de pozo doméstico GRATUITA, siga los pasos a continuación:

**Paso 1:** Envíe el formulario de muestreo de pozo de agua potable / agua embotellada en línea en inglés o español en <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>. Si desea una copia del formulario en papel, llámenos al (559) 549-6747 o envíe un correo electrónico a info@kingswateralliance.org.

**Paso 2:** Acepte que su hogar particular sea examinado bien para detectar nitratos.

**Step 3:** Reciba los resultados de su prueba de nitrato de pozo doméstico. Si el agua de su pozo contiene nitrato por encima de los estándares de agua potable, es elegible para recibir agua embotellada GRATIS.

Si su pozo doméstico tiene niveles de nitrato por encima de los estándares de agua potable segura, trabajaremos con usted para inscribirse en nuestro programa de agua embotellada con nuestro proveedor, Sparkletts, y revisaremos toda la información sobre el programa de agua embotellada y las entregas regulares de agua embotellada en ese hora. Solo los pozos privados con nitratos por encima de los estándares de agua potable son elegibles para el programa de agua embotellada de Kings Water Alliance. Lo alentamos a participar en este programa gratuito ofrecido por Kings Water Alliance. Si tiene alguna pregunta, llámenos al (559) 549-6747, o envíenos un correo electrónico a info@kingswateralliance.org.

Atentamente.

Charlotte Gallock

Executive Director

Kings Water Alliance

Recibió este correo postal porque vive en un área potencialmente afectada por niveles peligrosos de nitratos en el agua subterránea. La mejor manera de saber si su agua subterránea tiene un peligroso nivele de nitrato es por análisis que es GRATIS por Kings Water Alliance. Para recibir un análisis, complete el formulario en www.kingswateralliance.org/welltest. Llámenos o envíenos un correo electrónico si prefiere un formulario de papel. Si su prueba indica que sus niveles de nitrato están por encima para agua potable, puede ser elegible para agua embotellada GRATIS.

www.kingswateralliance.org/welltest | info@kingswateralliance.org | (559) 549-6747

# NITRATE-IMPACTED RESIDENTS ACCESSING SAFE DRINKING WATER

You live in an area identified as potentially impacted by unsafe levels of nitrates. We are here to help you check and provide safe drinking water solutions.



#### Confirm your well has unsafe nitrate levels

The Kings Water Alliance is offering **FREE** water quality testing for nitrates. Visit <a href="https://www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a> or call us at (559) 549-6747 for details.

2

#### Be willing to sign an agreement with a service provider

The Kings Water Alliance is committed to providing excellent safe drinking water solutions at **no cost** to eligible residents via Sparkletts who delivers bottled water.

## 2 IN 5 DOMESTIC WELLS IN THE KINGS WATER ALLIANCE ARE IMPACTED BY UNSAFE LEVELS OF NITRATE\*.

\*based on available data, we estimate over 2 in 5 domestic wells in the Kings Water Alliance Priority 1 area are impacted by >10 mg/L-N.

### Ready to take the next steps to receive free drinking water solutions?

Have your well tested for FREE. Fill out the form at <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a> or contact us for a paper form at (559) 549-6747 or info@kingswateralliance.org.



You can skip typing in the link. Scan the QR code to access the well test form.

### fill stations: existing solutions for residents



Three fill station locations are now accessible throughout the Kings Water Alliance. Bring an empty container to a fill station and take safe, accessible, free drinking water back to your home.

Visit <u>www.kingswateralliance.org/fillstations</u> for location maps and more details.

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230



#### **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

#### **DINUBA**

517 W El Monte Way Dinuba, CA 93618



QUESTIONS? Contact us at info@kingswateralliance.org or (559) 549-6747.

# RESIDENTES IMPACTADOS POR NITRATO ACCESO A AGUA POTABLE SEGURA

Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitratos. Estamos aquí para ayudarlo a verificar y brindar soluciones seguras de agua potable.



#### Confirme que su pozo tiene niveles peligrosos de nitrato

Kings Water Alliance ofrece pruebas GRATUITAS de agua para detectar nitratos. Visit <a href="https://www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a> o llámanos al (559) 549-6747 para detalles.

2

#### Estar dispuesto a firmar un acuerdo con un proveedor de servicios

Kings Water Alliance se compromete a brindar excelentes soluciones de agua potable segura sin costo para los residentes elegibles a través de Sparkletts que entrega agua embotellada.

## 2 de5

## LOS POZOS DOMÉSTICOS EN THE KINGS WATER ALLIANCE SON IMPACTADOS POR NIVELES INSEGUROS DE NITRATO\*.

\* Según los datos disponibles, estimamos que más de 2 de cada 5 pozos domésticos en el área de Prioridad 1 de Kings Water Alliance se ven afectados por >10 mg/L-N

#### ¿Está listo para dar los siguientes pasos para recibir soluciones de agua potable gratuitas?

Hágase una prueba GRATUITA. Complete el formulario en <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a> o contáctenos para un formulario en papel al (559) 549-6747 o info@kingswateralliance.org.



Puede omitir escribir el enlace. Escanee el código QR para acceder al formulario de prueba de pozo.

#### Máquinas de agua: soluciones existentes para los residentes



Ahora se puede acceder a tres ubicaciones de estaciones de servicio a lo largo de Kings Water Alliance. Lleve un recipiente vacío a una estación de llenado y lleve agua potable segura, accesible y gratuita a su hogar.

Visite <u>www.kingswateralliance.org/fillstations</u> para mapas de ubicación y más detalles.

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230



#### **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

#### **DINUBA**

517 W El Monte Way Dinuba, CA 93618



PREGUNTAS? Contactenos a info@kingswateralliance.org or (559) 549-6747.



WEBINAR NITRATES IN GROUNDWATER: THE BASICS

Tuesday, July 27, 5:30 - 6:00 PM or

Wednesday, July 28, 12:00 - 12:30 PM

WEBINAR

HOW-TO: FILLING OUT THE WELL TEST FORM Thursday, July 29, 5:30 - 6:00 PM or

Friday, July 30, 12:00 - 12:30 PM Spanish translation available. Register and Zoom info at www.kingswateralliance.org/events.

Sign up to receive email updates on safe drinking water solutions and upcoming events for the program at www.kingswateralliance.org. Webinar recordings will be shared with our email subscribers.

Join as a member or attend the Stakeholder Advisory Committee! Join other residents in your area sharing their voice on drinking water solutions. Contact us at info@kingswateralliance.org or (559) 549-6747.







WEBINAR NITRATOS EN AGUAS SUBTERRÁNEAS: LO BÁSICO CÓMO: LLENAR EL FORMULARIO DE PRUEBA DE AGUA

27 de Julio 5:30 - 6:00 PM o

29 de Julio 5:30 - 6:00 PM o 30 de Julio 12:00 - 12:30 PM

28 de Julio 12:00 - 12:30 PM

Traducción en Español disponible. Información de registro y Zoom en <u>www.kingswateralliance.org/events</u>.

Regístrese para recibir actualizaciones por correo electrónico sobre soluciones de agua potable segura y los próximos eventos del programa en <a href="https://www.kingswateralliance.org">www.kingswateralliance.org</a>. Las grabaciones de los seminarios web se compartirán con nuestros suscriptores de correo electrónico.

¡Únase como miembro o asista al Comité Asesor de Partes Interesadas! Únase a otros residentes de su área para compartir su voz sobre las soluciones de aqua potable. Contactenos a info@kingswateralliance.org o (559) 549-6747.







4886 E Jensen Ave Fresno, CA 93725

**RETURN SERVICE REQUESTED** 

???????

[ADDRESS1XXXXXXXXXXXXXXXXXXXXXXXXXXX]

[ADDRESS2XXXXXXXXXXXXXXXXXXXXXXXX]

[ADDRESS3XXXXXXXXXXXXXXXXXXX]

Resident: You live in an area that may be impacted by unsafe levels of nitrate in the groundwater. Information on how to receive free domestic well testing and safe drinking water is enclosed.

Residente: Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitratos. Estamos aquí para ayudarlo a verificar y brindar soluciones seguras de agua potable.

## ACCESS SAFE DRINKING WATER NOW

You live in an area identified as potentially impacted by unsafe levels of nitrate in groundwater. We are here to help you check and to provide safe drinking water if your household is impacted.

We are offering FREE well testing for nitrates to eligible residents. Fill out the form at <a href="www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>, or contact us at (559) 549-6747 or info@kingswateralliance.org for a paper form. If well test results show nitrate contamination above safe drinking levels, you may be eligible for free, safe bottled water from the Kings Water Alliance.



You can skip typing in the link.
Scan the QR code with your
smartphone camera to access the
well test form.

## ACCESO A AGUA POTABLE SEGURA

Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitratos. Estamos aquí para ayudar a verificar y proporcionar agua potable segura si su hogar esta afectado.

Ofrecemos pruebas de pozo GRATUITAS para nitratos a los residentes elegibles. Complete el formulario en <a href="www.kingswateralliance.org/">www.kingswateralliance.org/</a>
<a href="www.kingswateralliance.org/">welltest</a>, o contáctenos al (559) 549-6747 o info@kingswateralliance. org para un forma de papel. Si los resultados de las pruebas de pozo muestran contaminación por nitratos arriba niveles seguros para beber, puede ser elegible para agua de Kings Water Alliance.

Puede omitir escribir en el enlace.
Escanee el código QR con su
cámara del teléfono inteligente para
acceder al bien forma de prueba.



DOMESTIC WELLS IN YOUR AREA ARE IMPACTED BY UNSAFE LEVELS OF NITRATE\*. HAVE YOUR WELL TESTED FOR FREE.

\*Based on available data, we estimate over 2 in 5 domestic wells in the Kings Water Alliance are impacted by >10 mg/L-N.

2de5 LOS POZOS DOMÉSTICOS EN SU ÁREA SON IMPACTADOS POR NIVELES INSEGUROS DE NITRATO \*. HAGA SU BIEN PROBADO GRATIS.

\*Según los datos disponibles, estimamos que más de 2 de cada 5 pozos domésticos en el área de Prioridad 1 de Kings Water Alliance se ven afectados por >10 mg/L-N





P.O. Box 8259 Fresno, CA 93747

You live in an area identified as potentially impacted by unsafe levels of nitrate in groundwater. Using nitrate-contaminated groundwater for drinking and cooking poses health risks. You may be eligible to receive free bottled water. The first step is to have your well tested for nitrates. Eligible residents can have their well tested.



nitrates. Eligible residents can have their well tested for FREE by the Kings Water Alliance. See back of postcard for details. Need safe water now? Visit <a href="https://www.kingswateralliance.org/fillstations">www.kingswateralliance.org/fillstations</a>.

Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitrato en el agua subterránea. El uso de agua subterránea contaminada con nitratos para beber y cocinar presenta riesgos para la salud. Puede ser elegible para recibir agua embotellada gratis. El primer paso es someterse a una prueba de nitratos. Los residentes elegibles pueden someterse a pruebas GRATUITAS de su pozo por parte de Kings Water Alliance. Consulte el reverso de la carta postal para obtener más detalles. ¿Necesitas agua potable ahora? Visite <a href="https://www.kingswateralliance.org/fillstations.">www.kingswateralliance.org/fillstations.</a>

#### WWW.KINGSWATERALLIANCE.ORG/WELLTEST

The Kings Water Alliance (KWA) is a non-profit organization formed in 2021 to provide shortand long-term drinking water solutions for residents impacted by unsafe levels of nitrate.

Kings Water Alliance (KWA) es una organización sin fines de lucro formada en 2021 para brindar soluciones de agua potable a corto y largo plazo para los residentes afectados por niveles peligrosos de nitrato.

**POSTAGE** 

NAME NAME Address line 1 Address line 2 City, CA zip code

YOUR WATER MAY BE CONTAMINATED WITH UNSAFE NITRATE LEVELS. WE HAVE FREE SOLUTIONS.

SU AGUA PUEDE ESTAR CONTAMINADA CON NIVELES DE NITRATO INSEGUROS. TENEMOS SOLUCIONES GRATUITAS.

559-549-6747 | www.kingswateralliance.org | info@kingswateralliance.org





August 16, 2021

Dear Resident,

Your residence has been identified as potentially impacted by unsafe levels of nitrate in the groundwater. Some areas in the Central Valley have nitrate levels in the groundwater that are above public health standard limit of 10 milligrams per liter. Using nitrate-contaminated groundwater for drinking and cooking poses a health risk. We are here to help you take the next steps to find out if you are impacted. The first step is to have your well tested for nitrates.

Our organization, the Kings Water Alliance, is a non-profit organization tasked with providing drinking water solutions for nitrate impacted residents in your area. We are offering FREE domestic well nitrate testing for private well owners within our region that qualify. Participation in this initiative is voluntary. You are eligible for free bottled water if your well test results show that your drinking water contains nitrates above safe drinking water standards.

To sign up for FREE domestic well nitrate testing, please follow the steps below\*:

**Step 1:** Fill out the Drinking Water Well Sampling/Bottled Water Form included in this mailer and return using the postage paid envelope enclosed. Or, fill out the form online at <a href="https://www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>.

**Step 2:** Agree to have your private domestic well tested for nitrate.

**Step 3:** Receive your domestic well nitrate test results. If your well water contains nitrate above drinking water standards, you are eligible to receive FREE bottled water.

If your domestic well has nitrate levels above safe drinking water standards, we will work with you to get enrolled in our bottled water program with our provider, Sparkletts, and will walk through all information regarding the bottled water program and regular bottled water deliveries at that time. Only private wells with nitrates above the drinking water standards are eligible for Kings Water Alliance's bottled water program.

We encourage you to participate in this free program offered by the Kings Water Alliance. If you have any questions, please call us at (559) 549-6747, or email us at info@kingswateralliance.org.

Sincerely,

Charlotte Gallock

Charlotte Gallock

Executive Director

Kings Water Alliance

You received this mailer because you live in an area identified as potentially impacted by unsafe levels of nitrate in groundwater. The best way to know if your groundwater has unsafe levels of nitrate is to have your well tested for FREE by the Kings Water Alliance. To determine if you are eligible to receive a free well test, fill out the enclosed form and mail back in the postage paid envelope provided. Or fill out the form at <a href="https://www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>. If your test indicates your nitrate levels are above drinking water standards, you may be eligible for FREE bottled water.

\*If your parcel has a regulatory requirement to test your domestic well, for example a parcel enrolled in the Irrigated Lands Regulatory Program with the Kings River Water Quality Coalition, please provide your required test results. If your results are higher than the safe drinking water limit you are eligible to receive bottled water. Fill out the same form provided and we will contact you for next steps.

www.kingswateralliance.org/welltest | info@kingswateralliance.org | (559) 549-6747







16 de Agosto 2021

Querido Residente,

Su residencia ha sido identificada como potencialmente afectada por niveles peligrosos de nitrato en la agua subterránea. Algunas áreas del Valle Central tienen niveles de nitrato en el agua subterránea que están sobre el límite estándar de salud pública de 10 miligramos por litro. El uso de agua subterránea contaminada con nitratos para beber y cocinar representa un riesgo para la salud. Estamos aquí para ayudarlo a tomar los siguientes pasos para averiguar si se ve afectado. El primer paso es someterse a una prueba de nitratos.

Nuestra organización, Kings Water Alliance, es una organización sin fines de lucro encargada de brindar soluciones de agua potable para los residentes afectados por nitratos en su área. Ofrecemos pruebas de nitrato en pozos domésticos GRATIS para propietarios de pozos privados dentro de nuestra región que califiquen. La participación en esta iniciativa es voluntaria. **Usted es elegible para agua embotellada gratis si los resultados de su prueba de pozo muestran que su agua potable contiene nitratos por encima de los estándares de agua potable segura.** 

Para inscribirse en una prueba de nitrato de pozo doméstico GRATUITA, siga los pasos a continuación\*:

**Paso 1:** Llene el formulario de muestreo de pozo de agua potable / agua embotellada que se incluye en este correo y devuélvalo utilizando el sobre con franqueo pagado adjunto. O complete el formulario en línea en <a href="https://www.kingswateralliance.org/welltest">www.kingswateralliance.org/welltest</a>.

Paso 2: Agree to have your private domestic well tested for nitrate.

**Paso 3:** Receive your domestic well nitrate test results. If your well water contains nitrate above drinking water standards, you are eligible to receive FREE bottled water.

Si su pozo doméstico tiene niveles de nitratos sobre los estándares de agua potable segura, trabajaremos con usted para inscribirse en nuestro programa de agua embotellada con nuestro proveedor, Sparkletts, y revisaremos toda la información sobre el programa de agua embotellada y las entregas regulares de agua embotellada en ese tiempo. Solo los pozos privados con nitratos por encima de los estándares de agua potable son elegibles para el programa de agua embotellada de Kings Water Alliance.

Lo alentamos a participar en este programa gratuito ofrecido por Kings Water Alliance. Si tiene alguna pregunta, llámenos al (559) 549-6747, o envíenos un correo electrónico a info@kingswateralliance.org.

Sincerely,

Charlotte Gallock

Charlotte Gallock

Executive Director

Kings Water Alliance

Recibió este correo porque vive en un área identificada como potencialmente afectada por niveles peligrosos de nitrato su agua subterránea. La mejor manera de saber si su agua subterránea tiene niveles peligrosos de nitrato es hacer un análisis GRATIS de su pozo por Kings Water Alliance. Para determinar si es elegible para recibir una prueba de pozo gratuita, complete el formulario adjunto y envíelo por correo en el sobre con franqueo pagado proporcionado. O complete el formulario en www.kingswateralliance.org/welltest. Si su prueba indica que los niveles de nitrato están sobre los estándares del agua potable, puede ser elegible para agua embotellada GRATIS.

\*Si su parcela tiene un requisito para una prueba en su pozo doméstico, por ejemplo, una parcela inscrita en el Programa Regulador de Tierras Irrigadas con Kings River Water Quality Coalition, proporcione los resultados de las pruebas requeridas. Si sus resultados están sobre el límite de agua potable segura, sería elegible para recibir agua embotellada. Complete el mismo formulario provisto y nos comunicaremos con usted para los siguientes pasos.

www.kingswateralliance.org/welltest | info@kingswateralliance.org | (559) 549-6747





MAIL TO (CORREA A): Kings Water Alliance, P.O. Box 8259, Fresno, CA 93747

REO DE POZO DE AGUA POTABLE RESIDENCIAL/AGUA EMBOTELLADA)

Fill out this form to determine eligibility for a free well test, or to begin receiving bottled water if you've had a test from a certified laboratory in the last five years that shows unsafe levels of nitrate (>10 mg/L-N).

 $\bigoplus$ 

\*\*Please answer numbers 4 and 5 so we can contact you to schedule a well test, if eligible \*\*.

Complete este formulario para determinar la elegibilidad para una prueba de pozo gratuita o para comenzar a recibir agua embotellada si se ha sometido a una prueba de un laboratorio certificado en los últimos cinco años que muestra niveles peligrosos de nitrato (>10 mg / L-N). \*\*Porfavor responda a los números 4 y 5 para que podamos comunicarnos con usted para hacer una prueba de pozo\*\*

1. First Name (Nombre):	
2. Last Name (Apellido):	
3. Preferred language (Idioma preferido):  □ English (Inglés)  □ Spanish (Español)  □ Other, please specify (Otros, especificar):	
4. Phone number* (Número de teléfono):	
5. Email address* (Dirección de correo electrónico	):
6. What is your preferred way of contact? (¿Cuál e  □ Email (Por correo electrónico)  □ Phone (Por telefono)  □ No preference (Sin preferencias)  □ Other, please specify (Otros, especificar):	s su forma de contacto preferida?)
7. Address (Dirección):	
8. City (Ciudad):	
9. State (Estado):	10. Zip code (Código Postal):
<ul><li>11. Address type (Tipo de Dirección):</li><li>□ Residence (Residencia)</li></ul>	





**Business** (Negocio)

12. Is your domestic drinking water well located on a parcel subject to a Waste Discharge Requirement General Order requiring the collection of groundwater samples from drinking water and/or domestic wells such as the Irrigated Lands Regulatory Program (Irrigated Agriculture), Existing Milking Cows (also known as the "Dairy Program"), or Confined Bovine Feeding Operations? (¿Está su pozo de agua potable doméstica ubicado en una parcela bajo de una Orden General de Requisito de Descarga de Residuos que requiere la colección de muestras de agua subterránea de agua potable y / o pozos domésticos como el Programa Regulador de Tierras Irrigadas (Agricultura Irrigada), Vacas Ordeñadoras Existentes (también conocido como el "Programa de Lechería"), o las Operaciones de Alimentación Ganado Confinada?)    Yes (Sí)   No (No)   Don't know (No lo se)
13. Do you own or rent? (¿Es propietario o inquilino?)  □ Own (Propietario) □ Rent (Inquilino)
14. If you rent, are you willing to obtain consent (ie. land owner signature) from the land owner for KWA to access the drinking water well and a collect water sample for testing? (¿Está dispuesto a obtener el consentimiento (es decir, la firma del propietario de la tierra) del propietario de la tierra para que KWA acceda al pozo de agua potable y recolecte una muestra de agua para analizar?)  □ Yes (Sí) □ No (No) □ Don't know (No lo se)
15. How many people currently live in your household? This will help us assess your drinking water needs. (¿Cuántas personas viven en su hogar ahorita? (esto nos ayudará a evaluar sus necesidades de agua potable):
16. How is water supplied to this residence? (¿Cómo se suministra agua a esta residencia?)  □ Private well (Pozo privado)  □ Public water system (Sistema público de agua)  □ Don't know (No se)  □ Other, please specify (Otros, especificar):
17. If you chose public water system above, please write the name below (Nombre del sistema público de agua):
18. If there are multiple residences served by your drinking water well, how many? (If only one residence skip this question). (Si hay varias residencias abastecidas por su pozo de agua potable, ¿cuántas? (si solo hay 1 residencia, omita esta pregunta)).  □ 2 □ 3 □ 4 □ 5 □ More than 5 (más de 5)



Questions? Contact us at info@kingswateralliance.org or (559) 549-6747 ¿Preguntas? Contáctenos en info@kingswateralliance.org o (559) 549-6747

8/6/2021 5:51:59 PM



18b. If there are multiple residences served by your drinking water well, please list the addresses (address, city, state, and zip code) for all residences served by your drinking water well. If only one residence, skip this question. ((Enumere las direcciones de residencia (dirección, ciudad, estado y código postal) de todas las residencias atendidas por su pozo de agua potable. Si solo hay 1 residencia, omita esta pregunta)).

Address 1:	Address 2:	Address 3:	
Address 4:	Address 5:		
19. Has your drinking water	well been sampled for Nitrates	in the last 5 years? (¿Se han tomad	o muestras
de nitratos en su pozo de ag	gua en los últimos 5 años?)		

Yes (Sí). If yes, please include a copy of the results with this completed form. (En caso de si, incluya una copia de los resultados con este formulario completo.)

□ No (No)

□ Don't know (No lo se)

20. If you chose yes above, most recent drinking water well Nitrate (mg/L as N) results were (Los resultados más recientes de nitrato de pozo de agua (mg / L como N) fueron):

□ 0 - 2.5

□ > 2.5 - 5.0

□ > 5.0 - 7.5

□ > 7.5 - 10.0

□ > 10.0

□ Don't know (No se)

21. Geotracker is the State Water Resources Control Boards' data management system that provides online access to environmental data including water quality such as Nitrates. This tool provides user access to data and site locations (maps). Are you willing to allow your sampling results to be included on geotracker to help us provide you with free, safe drinking water solutions that meets your needs? (Geotracker es el sistema de manejo de datos de la Mesa Estatal de Control de Recursos Hídricos que proporciona acceso en línea a datos ambientales, incluida la calidad del agua, como los nitratos. Esta herramienta proporciona al usuario acceso a datos y ubicaciones de sitios (mapas). ¿Está dispuesto a permitir que los resultados de sus muestras se incluyan en el systema de geotracker para ayudarnos a brindarle soluciones de agua potable segura y gratuita que satisfagan sus necesidades?)

□ Yes (Sí)

□ No (No)

□ Don't know (No lo se)







22. How did you hear about the Kings Water Alliance residential well sampling and bottled water program? (¿Cómo se enteró del programa de muestreo de pozos residenciales y agua embotellada de Kings Water Alliance?)

□ En	nail from	the Kings	Water	Alliance (	(Correo	electrónico	de Kings	Water	Alliance)
------	-----------	-----------	-------	------------	---------	-------------	----------	-------	-----------

- □ Email from an industry group/community organization (Correo electrónico de un grupo industrial /organización comunitaria)
- □ Direct mail sent to my home (Correo directo enviado a mi casa)
- □ Social media (Medios de comunicación social)
- □ Local community organization (ie. church, non-profit) (Organización comunitaria local (es decir, iglesia, sin fines de lucro))
- □ Local food bank (Banco de alimentos local)
- ☐ Friends/family/neighbor (Amigos/familia/vecino)
- □ Colleague/employer (Colega/empleador)
- □ Other, specify (Otra especificar):

**Sign up to receive email updates** on safe drinking water solutions and upcoming events for the program at <a href="https://www.kingswateralliance.org">www.kingswateralliance.org</a>.

**Regístrese para recibir actualizaciones por correo electrónico** sobre soluciones de agua potable segura y los próximos eventos del programa en <a href="www.kingswateralliance.org">www.kingswateralliance.org</a>.











Three fill station locations are now accessible throughout the Kings Water Alliance. Bring an empty container to a fill station and take safe, accessible, free drinking water back to your home today.

Visit <u>www.kingswateralliance.org/fillstations</u> for location maps and more <u>details</u>.

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230



# **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

## **DINUBA**

517 W El Monte Way Dinuba, CA 93618











Ahora se puede acceder a tres ubicaciones de estaciones de servicio a lo largo de Kings Water Alliance. Lleve un recipiente vacío a una estación de llenado y lleve agua potable segura, accesible y gratuita a su hogar.

Visite <u>www.kingswateralliance.org/fillstations</u> para mapas de ubicación y más detalles.

#### **HANFORD**

504 W. 7th Street Hanford, CA 93230



## **KERMAN**

15101 W Kearney Blvd Kerman, CA 93630

# **DINUBA**

517 W El Monte Way Dinuba, CA 93618









# BUSINESS REPLY MAIL FIRST-CLASS MAIL PERMIT NO. 132000 FRESNO, CA

POSTAGE WILL BE PAID BY ADDRESSEE

KINGS WATER ALLIANCE PO BOX 8259 FRESNO CA 93747-9900 NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES









P.O. Box 8259 Fresno, CA 93747 ???????

[ADDRESS2XXXXXXXXXXXXXXXXXXXXXXXX]

[ADDRESS3XXXXXXXXXXXXXXXXXX]

Resident: You live in an area that may be impacted by unsafe levels of nitrate in the groundwater. Information on how to receive FREE domestic well testing and safe drinking water is enclosed.

Residente: Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitratos. Se adjunta información sobre cómo recibir pruebas de pozos domésticos GRATIS y agua potable segura.

# ACCESS SAFE DRINKING WATER NOW

The Kings Water Alliance, a local non-profit, would like to test your well water for nitrates. Drinking nitratecontaminated groundwater poses health risks. If you live in the Kings Water Alliance service area, we will test your well for free.

Fill out the well test request form. Form available three ways:

- 1. online: www.kingswateralliance.org/welltest
- 2. paper form: call (559) 549-6747
- 3. email: info@kingswateralliance.org



You can skip typing in the link. Scan the QR code with your smartphone camera to access the well test form.

If well test results show nitrate contamination above safe drinking levels, you may be eligible for free, safe bottled water from the Kings Water Alliance.

# ACCESO A AGUA POTABLE SEGURA

Kings Water Alliance, una organización local sin fines de lucro, quisiera analizar el agua de su pozo para detectar nitratos. Beber agua subterránea contaminada con nitratos presenta riesgos para la salud. Si vive en el área de servicio de Kings Water Alliance, analizaremos su pozo de agua gratis.

Llene el formulario de solicitud de prueba de pozo. Formularios disponibles de tres maneras:

- 1. En línea: www.kingswateralliance.org/welltest
- 2. forma de papel: call (559) 549-6747
- 3 Correo electrónico: info@kingswateralliance.

Puede omitir escribir en el enlace. Escanee el código QR con su cámara del teléfono inteligente para acceder al bien forma de prueba.



Si los resultados de las pruebas de pozo muestran contaminación por nitratos arriba niveles seguros para beber, puede ser elegible para agua de Kings Water Alliance.



P.O. Box 8259 Fresno, CA 93747

You live in an area identified as potentially impacted by unsafe levels of nitrate in groundwater. Using nitrate-contaminated groundwater for drinking and cooking poses health risks. You may be eligible to receive free bottled



water. The first step is to have your well tested for nitrates. See back of postcard for details.

Need safe water now? Visit www.kingswateralliance.org/fillstations.

Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitrato en el agua subterránea. El uso de agua subterránea contaminada con nitratos para beber y cocinar presenta riesgos para la salud. Puede ser elegible para recibir agua embotellada gratis. El primer paso es someterse a una prueba de nitratos. Consulte el reverso de la carta postal para obtener más detalles.

¿Necesitas agua potable ahora? Visite www.kingswateralliance.org/

# WWW.KINGSWATERALLIANCE.ORG/WELLTEST

The Kings Water Alliance (KWA) is a trusted local non-profit serving your community with nitrate well testing and bottled water delivery at no cost.

Kings Water Alliance (KWA) es una organización local sin fi nes de lucro de confi anza que sirve a su comunidad con pruebas de agua para nitratos y entrega de agua embotellada sin costo alguno.

POSTAGE

NAME NAME Address line 1 Address line 2 City, CA zip code

# IS YOUR WELL WATER SAFE TO DRINK?

The Kings Water Alliance, a local non-profit, is providing FREE well testing for nitrates. Drinking nitrate-contaminated groundwater is a serious public health issue. If your drinking water has unsafe nitrate levels, we will provide you with safe drinking water solutions. As a free community resource, our goal is to make access to safe drinking water simple and quick.

# To see if you are eligible for free well testing, take our 2-minute survey!

Survey available three ways:

- 1. Scan the QR Code
- 2. Paper form: call (559) 549-6747
- 3. Online: www.kingswateralliance.org/welltest



You can skip typing in the link. Scan the QR code with your smartphone camera to access the well test survey.

If well test results show nitrate contamination above safe drinking levels, you may be eligible for free, safe bottled water from the Kings Water Alliance delivered to your home every two weeks in 5-gallon containers.

# ¿EL AGUA DE SU POZO ES SEGURA PARA BEBER?

Kings Water Alliance, una organización local sin fines de lucro, ofrece pruebas de nitratos en pozos GRATIS. Beber agua subterránea contaminada con nitratos es un grave problema de salud pública. Si su agua potable tiene niveles de nitrato inseguros, le proporcionaremos soluciones de agua potable segura. Como recurso comunitario gratuito, nuestro objetivo es hacer que el acceso al agua potable segura sea simple y rápida.

# Para ver si es elegible para una prueba de pozo gratis, ¡tome nuestra encuesta de 2 minutos!

Encuesta disponible de tres maneras:

- 1. Escanea el código QR
- 2. Formulario en papel: llame al (559) 549-6747
- 3. En línea: www.kingswateralliance.org/welltest

Puede omitir escribir en el enlace. Escanee el código QR con su cámara del teléfono inteligente para acceder al bien forma de prueba.



Si los resultados de las pruebas de pozo muestran una contaminación de nitratos sobre los niveles seguros para beber, puede ser elegible para recibir agua embotellada y gratuita de Kings Water Alliance que se entrega en su hogar cada dos semanas en contenedores de 5 galones.



P.O. Box 8259 Fresno, CA 93747

You live in an area identified as potentially impacted by unsafe levels of nitrate in groundwater. Using nitrate-contaminated groundwater for drinking and cooking poses health risks. You may be eligible to receive free bottled water. The first step is to have your well tested for nitrates. See back of postcard for details.

Need safe water now? Visit www.kingswateralliance.org/fillstations.

Vive en un área identificada como potencialmente afectada por niveles peligrosos de nitrato en el agua subterránea. El uso de agua subterránea contaminada con nitratos para beber y cocinar presenta riesgos para la salud. Puede ser elegible para recibir agua embotellada gratis. El primer paso es someterse a una prueba de nitratos. Consulte el reverso de la carta postal para obtener más detalles.

¿Necesitas agua potable ahora? Visite <u>www.kingswateralliance.org/</u> fillstations.

# WWW.KINGSWATERALLIANCE.ORG/WELLTEST

The Kings Water Alliance (KWA) is a trusted local non-profit serving your community with nitrate well testing and bottled water delivery at no cost.

Kings Water Alliance (KWA) es una organización local sin fi nes de lucro de confi anza que sirve a su comunidad con pruebas de agua para nitratos y entrega de agua embotellada sin costo alguno.



NAME NAME Address line 1 Address line 2 City, CA zip code

# **APPENDIX B-10 KWA EMAIL NOTICE EXAMPLE**





# **REMINDER: WEBINAR**



# Early Action Plan to address safe drinking water

**TONIGHT! Thursday, November 19, 2020** 

6:00 - 7:30 PM

Via Zoom Webinar.

Join Webinar

Or click the link below to join the webinar: <a href="https://zoom.us/j/91835976227">https://zoom.us/j/91835976227</a>

Or iPhone one-tap :

US: +16699006833,,91835976227# or +13462487799,,91835976227#

### Or Telephone:

Dial (for higher quality, dial a number based on your current location):
US: +1 669 900 6833 or +1 346 248 7799 or +1 253 215 8782 or +1 312 626
6799 or +1 929 205 6099 or +1 301 715 8592
Webinar ID: 918 3597 6227

#### **Zoom Details**

We recommend joining 5-10 minutes early to get comfortable with the Zoom webinar platform.

All participants will automatically have their video and microphone turned off for the duration of the webinar, unless unmuted to ask a question.

If you are experiencing technical difficulties, call (559) 549-6747. The webinar chat will also be available for technical issues and questions.

# Know someone who should join the webinar?

Forward this email to a friend, family member, or colleague. No registration required to join the webinar via the link provided.

This webinar will engage the community on Early Action Plan development, part of a strategy to address nitrate pollution in the Central Valley's groundwater. Community residents and domestic well owners whose groundwater is potentially impacted by nitrates have been invited to participate. Other stakeholders are encouraged to attend. Participants will have the opportunity to provide input on proposed drinking water solutions.

A webpage has been developed for community residents and domestic well owners with educational information on the Nitrate Control Program and Early Action Plan. **Visit the webpage at www.kingsriverwgc.org/drinkingwater**.

Kings River Water Quality Coalition P.O. Box 8259, Fresno, CA 93747 559-365-7958

info@kingsriverwqc.org





# Early Action Plan Kick-Off Learn what the next steps are to bring drinking water solutions to your community.



# <u>Early Action Plan Kick-Off:</u> Next Steps to Bring Drinking Water to Residents

Tuesday, May 25, 2021 5:30 - 6:30 PM Via Zoom Webinar.

Register

# **Webinar Details**

The webinar will provide information on how to receive free well testing, where to access clean drinking water, and an overview of the submitted Early Action Plan, part of a strategy to address nitrate pollution in the Central Valley's groundwater.

This webinar is for <u>Kings Water Alliance residents</u> as well as interested stakeholders and members of the public.

Drinking water solutions should be flexible and locally driven. Help us drive solutions! Click <u>HERE</u> to learn more about the Kings Water Alliance.

559-549-6747 info@kingswateralliance.org

# **APPENDIX B-11 KWA MEDIA COVERAGE EXAMPLE**



## **Rebecca Quist**

From: Fresno County Farm Bureau <info@fcfb.org>

Sent: Tuesday, November 10, 2020 2:24 PM

**To:** Rebecca Quist

**Subject:** FCFB Ag Wire: November 10, 2020



# **Recognizing Veteran's Day**



# Support FCFB

Become a Member

<u>Renew</u> <u>Membership</u>













**DIAMOND** 







## Continuing Education Hours Scheduled

FCFB, in partnership with the Fresno County Department of Agriculture, will be offering continuing education hours virtually for PAC, QAC/QAL and PCA license holders.

The session will be held on Thursday, November 12, from 8:30 a.m.-noon and will provide three hours of "Laws and Regulations."

The cost is \$15 to attend, and participants will be given a Zoom link closer to the date. If you have technological issues, accommodations can be made. Please contact the office at 559-237-0263.

For more information, or to register, click here.

## Supervisor Training

FCFB will be hosting a supervisor training on Tuesday, December 3, from 10 a.m. - noon (English) and 1-3 p.m. (Spanish). The cost is \$75.



THE COUNTY OF FRESA

DEPARTMENT OF AGRICULTURE

weights and Measures

The training is designed specifically for supervisors and foremen that hold the responsibility of managing projects and employees. Individuals that hold such titles should possess effective verbal and written communication skills in order to appropriately motivate and discipline employees. This session will address these critical skills and provide participants with resources to put their best management foot forward.

The training will be done in-person. Due to COVID-19 regulations, we cannot accommodate more than 15 participants in each class. COVID-19 precautions,

















including social distancing and mask wearing, will be in place.

For more information, or to register, click <a href="here">here</a>.

The training will be provided by Gilbert Altamirano of FELS. For other training and compliance needs, contact Gilbert at 559-908-9489 or galtamirano@cfbf.com

#### **Sexual Harassment Prevention Webinars**

AgSafe will be hosting 2-hour and 1-hour Sexual Harassment Prevention webinars which meet the requirements of



SB1343, AB 1825, AB2053 and SB396 and includes the following topics:

- Information and practical guidance regarding federal and state regulations
- Prohibition, prevention, correction and remedies of sexual harassment and abusive conduct in employment.
- Illegality of: Retaliation, gender identity, and abusive conduct.
- How supervisors should respond in a variety of situations involving sexual harassment and abusive conduct. (\*only included in 2-hour webinar)
- Discuss the requirements of an anti-sexual harassment and abusive conduct policy. (\*only included in 2-hour webinar)

Employees: 1-Hour Sexual Harassment Prevention Webinar English/ Spanish

November 13 December 4

Supervisors and FLC's: 2-Hour Sexual Harassment Prevention Webinar English/ Spanish

November 20

December 11

## **PG&E Webinars**









#### **GOLD**

Aera Energy LLC Avakian Insurance Services Baker, Manock & Jensen PC **Baloian Farms Brandt Consolidated,** Inc. **Cal West Rain** Deerpoint Group, Inc. **Demera Demera Cameron LLP** DiBuduo & DeFendis Insurance Brokers Efird Ag Enterprises El Dorado Almonds **Famous Software** Fresno/Clovis **Convention & Visitors** Bureau Fresno Equipment Company **GAR Bennett, LLC Hedrick's Chevrolet Hoppe Law Horizon Nut Company** JMLord. Inc. **McKean Farms** Meridian **Growers LLC Mevers Farms Panoche Creek Packing Pickett Solar** P-R Farms, Inc./ENZO's Table Reedley College Rodriguez Ag Enterprises, Inc. Salmonson Ag Resources Schultz Ranch, Inc. Sorensen Harvesting, LLC **Sutton Hague Law** Corporation **United States Cold Storage** Wanger Jones Helsley PC Wildwood Express

PG&E will be hosting four, no cost webinars during the month of November.

# PG&E Big Room Talks: Water & Wastewater Webinar

November 16: 9 a.m. - 3 p.m.

Industry experts will be sharing their

expertise related to the future of water and wastewater, megatrends, new technologies, regulatory and legislative changes, financing, and sustainable solutions. For more information, or to register, click <a href="here">here</a>.

# Response, Recovery & Lessons Learned from PSPS Events

November 17: 10 a.m. – 12 p.m.

This webinar will address some of the challenges of maintaining operations during a PSPS event including generator maintenance, fuel resupply and staffing. Hosted by the EPA. For more information, or to register, click here.

# Reinventing Generation Management Through Demand Response

November 18: 10 a.m. – 11:30 a.m.

learn about demand response and how load flexibility at your facility can translate into financial incentives. Also, learn about available Incentives that can help offset eligible costs that may come from installation of control technologies. For more information, or to register, click here.

# <u>From the Pipes to Your Process: Navigating the Noncore</u> Natural Gas Landscape

November 19: 10 a.m. – 11:30 a.m.

This webinar for noncore natural gas shares the tariff, applicability and behind the meter gas management. The webinar also includes enhanced safety perspectives and gas energy efficiency. For more information, or to register, click here.

## SQF Edition 9: Changes & Updates to the Standard

Learn about the changes and updates to the new SQF standards



and prepare for May 2021 implementation. Radojka Barycki, SCS's Training Technical Manager will lead this



#### **SILVER**

Advanced Ag Realty & Appraisal Alert-O-Lite Bank of the West Belmont Nursery, Inc. **Booth Ranches** Britz Farming Corporation Congressman Jim Costa Crop Vitality D&D Agricultural Lab Denham Resources Fresno First Bank Fresno Madera Farm Credit Fruit Harvest Inc. Gill Ranch Storage Hall Management Corp. Harlan Ranch Company Harris Farms High Desert Ag Inc. HMC Farms Irritec USA JD Food James G. Parker Insurance Associates Jeff Roberts, Granville Homes Jerry Baird Agency, Baird Crop Insurance Jim & Lucy Petty K Coe Isom Kaweah Pump, Inc. Maddox Farms Melvin Lubisich, Pearson Realty Michael Gragnani Moss Adams LLP Myovich Trucking, Inc. National Raisin Co. Noble Credit Union Pacheco Dairy, Inc. Pikalok Farming Private Wealth Advisors Rain and Hail Insurance Services, LLC Rollin Valley Farms Seiberts' Oil Co., Inc. Sunnyside Packing Co. unWired Broadband Valley Pacific Petroleum Services Wawona Frozen Foods WORM Ag, Inc.



# DIRECTORS & STAFF

**President**Daniel Hartwig

interactive webinar to provide an overview of the changes and information on a seamless transition to the new Standard edition

This webinar will be held November 19 from 9-10 a.m. For more information, or to register, click here.



# <u>DFEH Provides Limited Guidance on Employer</u> Obligations under SB 973

By: Trevor White

SB 973 requires California employers with 100 or more employees to submit an annual pay data report by March 31, 2021 to the California Department of Fair Employment and Housing ("DFEH"). We previously reported on SB 973 here.



The DFEH recently published <u>Frequently Asked</u> <u>Questions</u> ("FAQs") with guidance on how employers must comply with the new reporting requirements.

Questions remain regarding employers' obligations under SB 973. For instance, the FAQs do not address whether California will require an employer to file information only relating to its California employees or if it must file information relating to its broader workforce. Also, the FAQs do not address obligations of employers who are headquartered outside of California, but have employees within the state. We expect the DFEH to publish a form for compliance with this reporting requirement in the coming months.

#### COUNSEL TO MANAGEMENT:

If you have questions regarding SB 973 or any of the new California laws that go into effect on January 1, 2021, contact the experts at The Saqui Law Group.

Vice President Mark Thompson

> **Treasurer** Ryan Indart

Secretary Nick Rocca

**Directors** Lucy Areias John Chandler Bailey DeGraw Matthew Efird **Bob Felker** Melissa Fries Laura Gulley Earl Hall Jeremy Lane Karen Musson Navi Pooni George Porter Jerry Prieto Jon Reelhorn Pat Ricchiuti Lorna Roush Alfreda Sebasto Mark Sorensen Rick Stark Jace White

CFBF Director Donny Rollin

**CEO** Ryan Jacobsen

Operations Manager Kayleena Speakman

Member Relations Manager Jennifer Smith



## **CFBF Annual Meeting**

Registration is now open for CFBF's 102nd annual meeting. The conference, which will be 100 percent virtual, will take place from December 6-9 and registration is free for Farm Bureau members.

You will be able to hear from the professionals working on your behalf in Sacramento, Washington and in the courtrooms throughout the land.



Though we have faced many challenges this year, you will hear from industry experts on how California Farm Bureau and it's partners are working to protect California's diverse farming and ranching legacy, enabling the whole agriculture community to thrive

For more information, or to register, click <u>here</u>. To view the agenda, click <u>here</u>.

# **Around Valley Ag**

Early Action Plan to Address Safe Drinking Water



#### Safe drinking water solutions are being developed in local communities

A new groundwater quality initiative, the Nitrate Control Program under CV-SALTS, is part of a strategy to address nitrate pollution in the Central Valley's groundwater. The Kings Water Alliance is developing solutions in your area to provide safe drinking water supplies for local communities impacted by nitrates.

#### Join us to learn more about the Early Action Plan for drinking water solutions

Drinking water solutions should be flexible and locally driven. Help us drive solutions! Join us for a webinar to learn more about the Nitrate Control Program and proposed drinking water solutions. You will have an opportunity to provide input and ask questions.



# Webinar November 19, 6:00-7:30 PM

REGISTER ONLINE: WWW.KINGSRIVERWOC.ORG/DRINKINGWATER

#### HOW YOU CAN GET INVOLVED



**Sign up to receive email updates** on webinar details and opportunities to provide input on drinking water solutions <a href="https://www.kingsriverwqc.org/drinkingwater">www.kingsriverwqc.org/drinkingwater</a>



Attend the upcoming webinar on November 19th. Register online at www.kingsriverwqc.org/drinkingwater



Find information on CV-SALTS (Central Valley Salinity Alternatives for Long-Term Sustainability) and the Nitrate Control Program at <a href="https://www.cvsalts.info">www.cvsalts.info</a>



P.O. Box 8259, Fresno, CA 93747 | (559) 549-6747 | www.kingsriverwqc.org/drinkingwater

For more information, or to register, click here.

Save the Date: California Rural Community Prosperity Virtual Summit





OFFICE OF PARTNERSHIPS & PUBLIC ENGAGEMENT

# SAVEDATE

#### **California Rural Community Prosperity Virtual Summit**

Please save the date for the U.S. Department of Agriculture's **California Rural Community Prosperity Virtual Summit** – an event designed to foster hope and opportunity, asset building, and wealth creation in communities across the country.

The Summit will convene state, federal and tribal partners, land-grant universities, Hispanic serving institutions, tribal colleges, historically black colleges and universities, national development organizations, non-profit organizations, faith leaders, veterans, and other strategic partners to:

- \* Assist communities in the development of local prosperity councils, create wealth and build assets
- Illustrate successful practices for developing key partnerships
- Connect attendees to USDA and other relevant federal programs
- Model success for communities and future generations of communities

Keynote By: Karen Ross, Secretary of the California Department of Food & Agriculture

Welcome remarks: Mike Beatty, USDA Office of Partnerships & Public Engagement Director

Dr. Saul Jimenez-Sandoval, Provost at CSU, Fresno

Location/Date

Wednesday, December 2, 2020 8:00 AM - 12:10 PM







For more information contact:

Eduardo Gonzalez, Office of Community & Economic Development Director at CSU, Fresno edgonzalez@csufresno.edu or Juan Alvarez, USDA Liaison, at Juan.Alvarez@usda.gov

USDA is an equal opportunity provider, employer, and lender.

www.USDA.go

To learn more, click here.



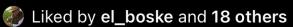












**ucanr** A farmer's inspiration leads to a large butternut squash donation to the Central California Food Bank - just in time for the holidays. Find the link to the story and video in our bio.

# **Now Hiring**

# Accountant, Fresno

## Water Data Management Specialist, Reedley

Know of an agricultural job opportunity that should be included in Ag Wire? Email it to <u>info@fcfb.org</u> to be considered for the next issue.

# Jokes of the Week

Q: Why was the Thanksgiving soup so expensive?

A: It had 24 carrots.

Q: What did the turkey say to the hunter on Thanksgiving

Day?

A: Quack Quack.

Q: What do you wear to Thanksgiving dinner?

A: A har-vest.







Fresno County Farm Bureau | 1274 W. Hedges Ave., Fresno, CA 93728

Unsubscribe rquist@krcd.org

<u>Update Profile</u> | <u>About our service provider</u> Sent by info@fcfb.org powered by



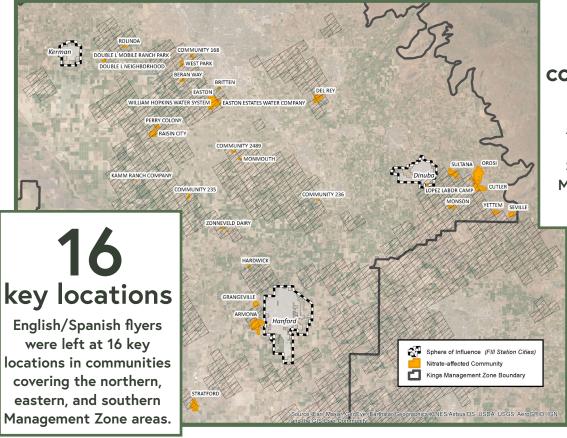
# **APPENDIX B-12 DRINKING WATER SURVEY RESULTS**





# COMMUNITY OUTREACH REPORT OCT - NOV 2020

# **TARGETED OUTREACH AREAS**



community leaders

Invited to participate

Armona • Cutler • Easton Stratford • Orosi PUD Sultana CSD • Raisin City Monson • Zonneveld Dairies Rolinda • East Orosi

6,014

potentially impacted residents reached by direct mail

# **OUTREACH ACTIVITIES**

# WEBPAGE DEVELOPED

www.kingsriverwqc.org/drinkingwater

- Educational content
- Links to CV-SALTS developed resources
- Webinar sign-up
- Email list sign-up
- Webpage translation available

# WEBINARS SCHEDULED

- November 19
- January 28
- Spanish translation
- Live polling
- Email list promotion: Kings River Conservation District, Fresno County Farm Bureau, Management Zone

# **KEY LOCATIONS OUTREACH**

English/Spanish webinar flyers disseminated

- Easton
- Hanford
- Armona
- Cutler
- Orosi

# **ORG & TRIBAL OUTREACH**

Webinar invitations and outreach to

- Community leaders
- Self Help Enterprises
- Fresno Land (Fresno Bee)
- Fresno County Farm Bureau
- Kings County Farm Bureau
- Tachi Yokut Tribe

# **APPENDIX B- 13 KWA BOARD REPORTS EXAMPLE**





# KINGS WATER ALLIANCE NOVEMBER 16, 2021 OUTREACH UPDATES

#### **COMMUNITY OUTREACH EVENTS**

#### **OVERVIEW**

KWA OUTREACH EVENTS September 1 – November 8								
Date	Event Name (Calendar)	Event Type	Location (City)	Total Attendance	# flyers distributed	# well test forms distributed	# well test forms filled	# emails collected
9/14/2021	Neighborhood Market - Lanare Community Center	Food Bank	Lanare	62	62	3	0	0
9/16/2021	USDA Food Dist - Lanare Community Center	Food Bank	Lanare	90	5	5	0	0
9/21/2021	Food Dist - Laton Church of the Nazarene	Food Bank	Laton	25	15	1	0	0
10/12/2021	Domestic Well Workshop	Workshop	Easton	41	15	10	2	4
10/16/2021	Food Distribution - Laton	Food Bank	Laton	74	30	10	0	0
10/25/2021	Neighborhood Market - Orange Cove	Food Bank	Orange Cove	140	65	10	0	0
10/28/2021	Food Distribution-Laton	Food Bank	Laton	15	13	2	0	0

## **HIGHLIGHTS**

Easton Domestic Well Owner Workshop, October 12, 2021



- In person workshop event in partnership with the Easton Community Services District, North Kings Groundwater Sustainability Agency, Self-Help Enterprises, and County of Fresno Department of Public Health
- Workshop promotion included digital/email distribution, door-to-door outreach, and flyers posted in the community



- 5-minute flash presentations from each agency provided attendees with an overview of unique services provided to domestic well owners
- Workshop was streamed live on the Kings Water Alliance Facebook and received 6 views
- Workshop recording is available on the KWA YouTube <u>here</u>, materials available at the <u>KWA</u> website
- Workshop numbers:
  - o 35 attendees in-person; 6 attendees online via Facebook live
  - 15 targeted resident flyers distributed
  - o 10 well test forms distributed
  - o 2 well test forms received
  - 4 email addresses
- The workshop partnership model will be replicated in additional KWA communities in the coming months

#### Food Bank Outreach

- Fresno State volunteer program training
  - o KWA held a volunteer training on Friday, October 15<sup>th</sup> at Fresno State
    - 4 Fresno State students were trained on volunteering at local food banks
    - 2 additional volunteers will be trained
  - Stakeholder Advisory Committee member Mariana Alvarenga representing Leadership Counsel for Justice and Accountability participated in the training as a presenter on best practices for interacting with rural residents – shoutout!!!
- KWA staff Jose Soto and Fresno State volunteer attended a food distribution in Laton on Saturday, October 16<sup>th</sup>.
  - o 74 attendees
  - o 30 flyers distributed
  - o 10 well test forms distributed



Volunteer outreach @ Laton food bank

#### **PARTNER OUTREACH**

Easton resident	10/16/2021	Well Testing/Drinking Water Flyers	Friends/Neighbors	Easton
Sue Ruiz	10/16/2021	Laminated well testing/drinking water flyer	Community posting	Easton
Micaela Macareno	11/3/2021	Well Testing/Drinking Water Flyers	School district distribution	Cutler- Orosi



#### **SOCIAL MEDIA**

#### OVERVIEW, September - October

#### Instagram

- 60 followers
- 481 impressions
- 4 posts, 29 stories

#### Facebook

• 20 followers

#### Youtube

- 6 videos
- 109 views

#### **HIGHLIGHTS**

• Published new educational video: "Bottled Water Program Overview"



• <u>Livestreamed on Facebook</u> our in-person Domestic Well Owner Workshop

#### **GOOGLE ADS**

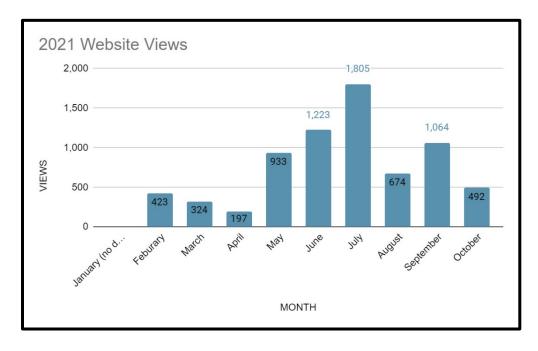
- Pursuing opportunity for free ad funds
- A pilot test indicated a cost-efficient way to increase our reach to our targeted audience
- We are waiting on official documentation on the non-profit status to complete this process
- GoogleAds allows for hyper targeted advertising based on audience segmentation and geography

#### MEDIA/RADIO

• Radio Bilingue would like to schedule a follow-up interview with Jose on the KWA services



# WEBSITE



- 84% of website visitors were first-time users in September and October
- 169 total users in September

KWA Targeted Outreach Campaign Update



Kings Water Alliance Board Meeting

August 4, 2022

KRCD External Affairs Staff



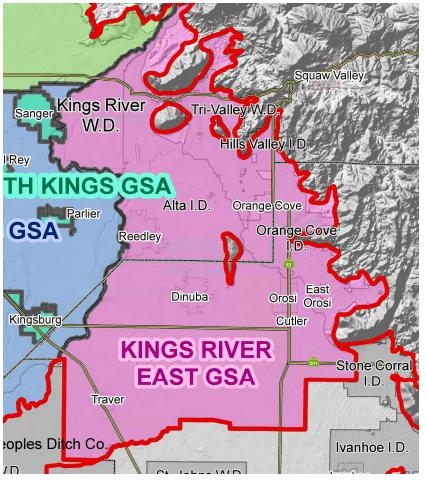
# 3-month campaign

February – May 2022

Targeted area aligned with Kings River East GSA boundaries.

2 mini-campaigns (phases) to test most effective messaging





# Main Outreach Tactics







DIGITAL ADS DIRECT MAIL FOOD BANKS

## Phase 1

## FREE WELL TESTING & BOTTLED WATER DELIVERY



The Kings Water Alliance, a local non-profit, would like to test your well water for nitrates. Drinking nitrate-contaminated groundwater poses health risks. If you live in the Kings Water Alliance service area, we will test your well for free.

Homes with a private well rely on groundwater for drinking water. Because of unsafe nitrate levels in some areas, people cannot safely use well water for drinking and cooking. If your well tests for nitrates above safe drinking levels, you may be eligible to receive free bottled water to your home.

Locate your residence on our interactive web map www.kingswateralliance.org/map

## fill stations: existing solutions for residents

Drinking Water

#### HANFORD

504 W. 7th Street Hanford, CA 93230

#### KERMAN

15101 W Kearney Blvd Kerman, CA 93630

#### DINUBA

517 W El Monte Way Dinuba, CA 93618



The Kings Water Alliance (KWA) is a trusted local non-profit serving your community with nitrate well testing and bottled water delivery at no cost.

Learn more and follow:







### 1. Fill out the well test request form

Forms available three ways:

1. online: www.kingswateralliance.org/welltest

- 2. paper form: call (559) 549-6747
- 3. email: info@kingswateralliance.org

OR YOU CAN SCAN THE QR CODE TO ACCESS THE WELL TEST REQUEST FORM.



### 2. Well testing for free by our experienced staff

We will contact you to schedule a well test after you complete Step 1



#### 3. Receive bottled water

The Kings Water Alliance will provide bottled water delivery at no cost to those with unsafe nitrate levels. Bottled water is delivered every two weeks to residents' homes in 5-gallon containers.





Website: www.kingswateralliance.org Email: info@kingswateralliance.org Phone: (559) 549-6747

## Phase 2





## IS YOUR WELL WATER SAFE TO DRINK?

The Kings Water Alliance, a local non-profit, is providing FREE well testing for nitrates. Drinking nitrate-contaminated groundwater is a serious public health issue. If your drinking water has unsafe nitrate levels, we will provide you with safe drinking water solutions. As a free community resource, our goal is to make access to safe drinking water simple and quick.

## **NEED ACCESS TO SAFE** DRINKING WATER TODAY?

Here is a list of FREE and SAFE drinking water fill stations:

#### HANFORD

504 W. 7th Street Hanford, CA 93230

#### KERMAN

15101 W Kearney Kerman, CA 93630

## DINUBA

517 W El Monte Dinuba, CA 93618

Three fill station locations are accessible throughout the Kings Water Alliance. Bring an empty container to a fill station and take safe, accessible, free drinking water back to your home.

To see if you are eligible for free drinking water, we have 3 easy steps!

### 1. Take our 2-minute survey

Survey available three ways:

- 1. Scan the QR Code
- 2. Paper form: call (559) 549-6747
- 3. Online: www.kingswateralliance.org/welltest

## 2. We perform well test

Our experienced staff perform a simple and quick well test to see if there is an unsafe level of nitrates in your drinking water.



### 3. Receive bottled water

We deliver FREE bottled water to you. Bottled water is delivered every two weeks in 5-gallon containers.



Learn more and follow:











king Water

Website: www.kingswateralliance.org Email: info@kingswateralliance.org Phone: (559) 549-6747 \_\_\_\_

## Google Ad 1

## Most Popular Phrase

Clean water confidence is here

## Least Popular Phrase

Have your well tested and receive clean water for free from a local non-profit

## Google Ad 2

## Most Popular Phrase

Well owners highly encouraged to apply

## Least Popular Phrase

Nitrate-contaminated drinking water is a serious health issue, protect you and your family

## Google Ad 1

Unsafe nitrate levels in well water could have negative health impacts.

Have your well water tested and access FREE safe water for your home.

Disclaimer: Free well testing and bottled water delivery are for eligible residents living in the Kings Water Alliance. Find out more at v



## Google Ad 2

## 1. Take our 2minute survey

Survey available three ways:

- 8
- 1. Scan the QR Code
- 2. Paper form: call (559) 549-6747
- 3. Online: kingswateralliance.org /welltest

## 2. We perform well test

Our experienced staff perform a simple and quick well test to see if there is an unsafe level of nitrates in your drinking water.



## 3. Receive bottled water

We deliver FREE bottled water to you. Bottled water is delivered every two weeks in 5-gallon containers



## IS YOUR WELL WATER SAFE TO DRINK?

To see if you are eligible for free drinking water, we have 3 easy steps!



- 1. Take our 2-minute survey
- Survey available three ways:
  1. Scan the QR Code
  2. Paper form: call (559) 549-6747
  3. Online: www.kingswateralliance.org/



Our experienced staff perform a simple and quick well test to see if there is an unsafe level of nitrates in your drinking water.



3. Receive bottled water

We deliver FREE bottled water to you. Bottled water is delivered every two weeks in 5-gallon containers.

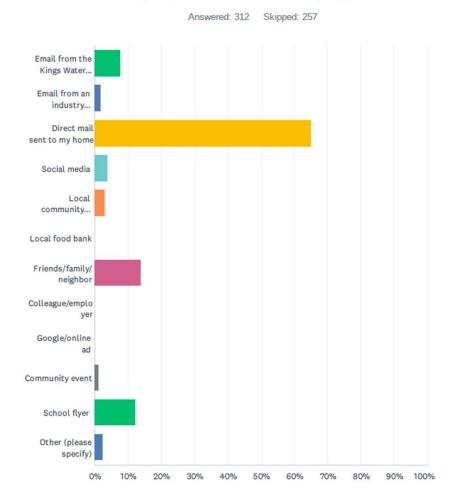


# Summary of Results

Phase 1	Phase 2
Google Ad	Google Ad
Impressions: 42,475	Impressions: 168,559
Click Rate: 1.86%	Clicks Rate: 1.02%
Cost per click: \$1.11	Cost per click: \$0.81
Facebook Ad	Facebook Ad
• Reach: 9,604	• Reach: 4,531
Cost Per Engagement: \$1.49	Cost Per Engagement: \$2.48
Peach jar	Peach Jar
• Views: 628	• Views: 77
Cost per View: \$0.97	Cost per View: \$7.89

## Survey Results Phase 1-"Free well testing and bottled water delivery"

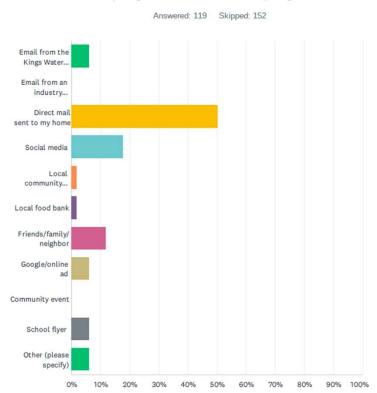
## Q25 How did you hear about the Kings Water Alliance residential well sampling and bottled water program?

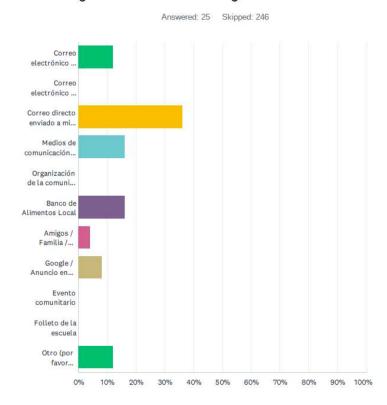


## Survey Results Phase 2- "Is your well water safe to drink?"

Q12 How did you hear about the Kings Water Alliance residential well sampling and bottled water program?

Q23 ¿Cómo se enteró del programa de muestreo de pozos residenciales y agua embotellada de Kings Water Alliance?





# Kings Water Alliance Metrics August 1, 2021 – June 1, 2022

Submitted	<b>Application</b>	IS	Hous	seholds	receiving	bottled wa	ter	
22-Jun	46	5.97%	2	22-Jun	192	189	3	1.56%
22-May	55	7.60%	22	2-May	189	175	14	7.41%
22-Apr	101	15.10%	2	22-Apr	175	167	8	4.57%
22-Mar	54	9.51%	2	2-Mar	167	150	17	10.18%
22-Feb	29	5.64%	2	22-Feb	150	139	11	7.33%
22-Jan	27	5.57%		22-Jan	139	134	5	3.60%
21-Dec	12	2.62%	2	21-Dec	134	125	9	6.72%
21-Nov	32	7.17%	2	1-Nov	125	108	17	13.60%
21-Oct	122	29.47%	2	21-Oct	108	87	21	19.44%
21-Sep	27	9.25%	2	21-Sep	87	62	25	28.74%
21-Aug	212	80.00%	2	1-Aug	62	8	54	87.10%

# Recommendations



Continue to use direct mail, most effective for responses and to maintain equal accessibility to our resource



"Public Health" messaging appears to be most effective but will continue to analyze different messaging



Collect more data points by using same strategy for next targeted area



## What's Next



11.22in

- Target Area: Raisin City, Kerman, Easton areas
- In-person workshop
- Use Nextdoor
- Door hangers for canvassing
- Qualified for free google ads

nextdoor

## APPENDIX C COMMUNITY PROFILE DATA





## DOMESTIC DRINKING WELL TESTING AGREEMENT APPENDIX D **FORM**

### KINGS RIVER ALLIANCE DOMESTIC DRINKING WELL TESTING

### **About Kings Water Alliance**

Kings Water Alliance (KWA) is a California nonprofit corporation formed to: (i) study and address groundwater nitrate levels within its boundaries; and (ii) provide safe drinking water for residents impacted by nitrate contamination in groundwater within its Priority Area 1.

California's Central Valley has nitrate levels in groundwater that are above the public health standard limit of 10 milligrams per liter (mg/L) for Nitrate + Nitrite as Nitrogen. Drinking water with high levels of nitrate can pose health risks to children under six years old, pregnant women, and those individuals that are immunocompromised. In fact, preliminary research has identified potential links between nitrate consumption and various types of health concerns. Accordingly, nitrates found in groundwater resources are a concern for all Central Valley residents.

To address this issue, KWA offers free domestic drinking water well testing for Nitrate + Nitrite as Nitrogen (mg/L) to private well owners within its Priority Area 1 as part of the Central Valley Salinity Alternative for Long Term Sustainability (CV-SALTS) initiative.

### Drinking Water Well Sampling Eligibility

You are eligible for KWA's free domestic drinking water well testing for Nitrate + Nitrite as Nitrogen (mg/L) if:

- (1) Your property is located within KWA's Priority Area 1 (an interactive map is available for verification at http://kingswateralliance.org/welltest/).
- (2) The parcel in which your domestic drinking water well is located is not subject to a Waste Discharge Requirement General Order requiring the collection of groundwater samples from drinking water and/or domestic wells, such as the Irrigated Lands Regulatory Program, Existing Milking Cows, also known as the "Dairy Program," or Confined Bovine Feeding Operations.

If you satisfy these criteria, KWA invites you to complete the Kings Water Alliance Well Sampling Agreement attached to this document. This agreement is necessary for KWA to access your property and test your domestic drinking water well for Nitrate + Nitrite as Nitrogen (mg/L). If you have any questions or concerns regarding this agreement, please do not hesitate to contact KWA at 559-549-6747 or info@kingswateralliance.org.





### KINGS WATER ALLIANCE WELL SAMPLING AGREEMENT

This Well Sampling Agreement (Ag	reement) is made and	d entered into b	y the Kings Water
Alliance (KWA), and	(La	andowner, you,	or your), the
Landowner(s) of that certain real pro	perty located in		County, California,
commonly referred to as APN			and
located at the following address:			
(Property), with the following numb	er of wells present _		
I. Permission to Access Drink	ting Water Well(s) a	and Collect Wa	ater Sample for Testing
You grant KWA and its employees, exclusive perpetual license to enter a samples for analytical testing for Nit drinking water well(s).	onto your Property, a	s needed, to ob	tain water quality
You and KWA agree that this Agree occur:	ment will remain in	effect until eith	er of the following
(a) <u>Termination by a Party</u> . You any time, with or without cau party.		_	
(b) <u>Landowner's Land: Change is</u> terminate upon any change in KWA acknowledges that KV of your Property.	n ownership of your	Property. Follo	wing that termination,

#### II. Permission to Access Upload Water Sampling Results to GeoTracker

GeoTracker is the State Water Resources Control Board's (State Board) data management system that provides online access to environmental data, including water quality data, such as information regarding nitrates in groundwater. The GeoTracker public portal retrieves records to view integrated data sets from multiple State Board programs and other agencies through an easy-to-use Google maps GIS interface. This interface allows public users to view data in relationship to streets, roads, satellite imagery, and terrain map views.

As part of the Nitrate Control Program, the State Board requires (a) water quality testing results for Nitrate + Nitrite as Nitrogen (mg/L) and (b) the coordinates (longitude and latitude) of your groundwater well(s) from which the water quality sample was taken to be uploaded to GeoTracker. Accordingly, you authorize KWA to submit any water quality sample testing results





and the coordinates (longitude and latitude) of your groundwater well(s) from which a water quality sample is taken to the State Board's data management system, Geotracker.

### Access to Testing Results

Any water quality samples collected by KWA are solely for analytical testing of Nitrate + Nitrite as Nitrogen. As testing results become available, KWA will provide these results to you. Importantly, however, KWA does not represent that any water quality testing results provided to you by KWA are a final determination as to the quality or safety of your groundwater resources. Therefore, if you receive water quality testing results that do not indicate the presence of nitrates or nitrates below the public health standard limit of 10 milligrams per liter (mg/L), it does not mean that your well water is safe to drink. There are many other types of contamination that could make your drinking water unsafe to consume.

If the water quality testing results provided to you by KWA do not show traces of nitrates or nitrates below the public health standard limit of 10 milligrams per liter (mg/L), KWA still encourages you to have your water tested. Additional water testing resources include:

ENTITY	PHONE	EMAIL
	NUMBER	
Self Help Enterprises Regional	559-802-1285	
Household Well Assistance		
Program		
Fresno County Environmental	559-600-3357	environmentalhealth@fresnocountyca.gov
Health		
County of Tulare Environmental	559-624-7400	
Health Division		
County of Kings Environmental	559-584-1411	
Health Services		

Further, a list of Certified Environmental Laboratory Accreditation Program (ELAP) laboratories for testing Nitrate + Nitrite as Nitrogen (mg/L) can be found here:

https://www.waterboards.ca.gov/centralvalley/water issues/irrigated lands/drinking water/dw e lap labs list.pdf.





## IV. Initial and Signature

By signing this Agreement, you acknowledge the following:

Initial	
	I am eligible for KWA's free domestic drinking water well testing for Nitrate + Nitrite as Nitrogen (mg/L).
	I am the Landowner of the Property described above.
	I grant KWA and its employees, agents, consultants, and contractors a cost-free non-exclusive perpetual license to enter onto my Property to obtain water quality samples for analytical testing for Nitrate + Nitrite as Nitrogen (mg/L) from my domestic drinking water well(s) identified in Section I, above, subject to the terms of this Agreement.
	I understand and acknowledge that any water quality sample testing results provided to me by KWA only reflects data specific to Nitrate + Nitrite as Nitrogen. Further, I understand that these results are not a final determination as to the quality or safety of my groundwater resources.
	I understand that (a) water quality testing results for Nitrate + Nitrite as Nitrogen (mg/L) and (b) the coordinates (longitude and latitude) of my groundwater well(s) from which the water quality sample was taken will be uploaded to GeoTracker.

Landowner			KWA	
By:		9	By:	
Printed Name:		-	Printed Name:	
Date:		-	Date:	
Tenant (If Ap	pplicable)			
By:				
Printed Name:				
Date:				





# APPENDIX E PUBLIC WATER SYSTEM AND SUPPLY WELL NITRATE TABLES

- Table E-1. Nitrate-Impacted Public Supply Well Summary, by Well Status
- Table E-2. Summary of Public Water Supply Systems that have had Nitrate-Impacted Wells
- Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)
- Table E-4. Compliance Status for all Public Water Systems in the Kings Water Alliance Management Zone with Violation and Chemical Exceedance Information





		Та	ble E-1 Nitrate	e-Impacte	d Publi	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10003 69-001	WELL 01 - ABANDON ED	07/10/2002 - 01/03/2007	3	3.19	13	1/3/2007	AB	ZONNEVELD DAIRY - CEDAR	С	15	70
Kings	10005 13-001	WELL 01 ABANDON ED	07/01/2008 - 07/24/2008	2	8	10.6	7/1/2008	AB	KINGDOM HALL OF JEHOVAH S WITNESSES	NC	2	100
Kings	54100 08-009	WELL 09 - TEST HOLE	01/20/2005	1	11	11	1/20/2005	AB	OROSI PUBLIC UTILITY DISTRICT	С	1578	8770
Kings	10004 59-001	WELL 01 - RAW	11/29/2006 - 07/10/2020	50	1.75	20	7/10/2020	AR	ROAD RUNNER FOOD AND FUEL	NC	1	300
Kings	10004 61-002	WELL 02 - RAW	03/12/1996 - 07/01/2020	60	4.5	13	3/19/1998	AR	CARGILL MEAT SOLUTIONS CORPORATION	NTN C	4	1100
Kings	10004 61-003	WELL 04 - RAW	04/24/2003 - 01/08/2020	45	4.2	16	3/13/2013	AR	CARGILL MEAT SOLUTIONS CORPORATION	NTN C	4	1100
Kings	10004 65-001	WELL 01 (DEHYDRA TOR WELL)	07/25/2002 - 01/06/2020	47	1.1	12	4/7/2016	AR	BATTH DEHYDRATOR	NTN C	3	155

<sup>17</sup> Well Status can be defined as follows: AB = Abandoned; AR = Active Raw; AU = Active Untreated; DS = Destroyed; IR = Inactive Raw; IU = Inactive Untreated; PN = Pending

<sup>&</sup>lt;sup>18</sup> Public Water System Types can be defined as follows: C = Community; NC = Non-Community; NTNC = Non-Transient Non-Community





		Та	ble E-1 Nitrate	-Impacte	d Public	Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10004 79-001	WELL 01 - BEFORE GAC (DBCP) - RAW	01/21/2009 - 01/10/2020	48	6.5	12	7/2/2014	AR	FRANZIA WINERY- SANGER	NTN C	2	39
Kings	10004 85-013	WELL 01 - RAW	06/19/2009 - 07/14/2020	88	1.4	11	8/2/2013	AR	TESSENDERLO KERLEY INC	NTN C	2	70
Kings	10005 12-001	WELL 01 - RAW	06/17/2003 - 10/10/2016	24	5.8	12	1/21/2014	AR	YERGAT PACKING COMPANY	NTN C	2	150
Kings	10005 92-001	WELL 01	03/20/2013 - 01/27/2020	26	11	18.3	1/27/2020	AR	SHANT BHAVAN PUNJABI FUNERAL HOME	NC	1	250
Kings	10006 08-001	WELL 01 - RAW	10/23/2012 - 01/17/2020	21	10	15	1/17/2020	AR	GERAWAN FRUIT PACKING	NC	1	298
Kings	10006 08-006	WELL 03	05/24/2016 - 01/17/2020	14	7.3	11	4/4/2019	AR	GERAWAN FRUIT PACKING	NC	1	298
Kings	10006 25-001	WELL 01- ABANDON ED	04/12/2016 - 01/16/2018	7	12	15	1/16/2018	AR	DINO MART 1	NC	3	25
Kings	10006 27-001	WELL 03 (CERINI) - RAW	10/05/2005 - 01/09/2020	51	0.022 5	21	10/10/201 8	AR	ZONNEVELD DAIRY - CERINI	С	17	48
Kings	10006 29-001	WELL 01 - RAW	03/08/2016 - 06/01/2020	18	0.2	11.9	12/5/2018	AR	KINGS RIVER WINERY	NC	2	50





		Та	ble E-1 Nitrate	e-Impacte	d Public	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10006 47-001	WELL 01	12/23/2019 - 07/08/2020	5	6.5	14	3/9/2020	AR	ST. PETERS CATHOLIC CEMETERY	NC	10	64
Kings	10100 01-009	WELL 09 - RAW	05/12/1989 - 02/06/2019	157	0.36	11	6/9/1998	AR	BAKMAN WATER COMPANY	С	2609	16756
Kings	10100 07-017	WELL 209 - RAW	09/11/1984 - 11/22/2019	74	2.7	11	3/13/2000	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-036	WELL 225 - INF	09/11/1984 - 05/13/2020	768	0.022 5	11	9/1/2009	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-090	WELL 274 INF	09/11/1984 - 12/15/2014	115	0.2	11	6/25/2014	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-130	WELL 008A - RAW	12/18/1992 - 02/28/2018	282	0.022 5	11	7/6/2017	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-163	WELL 033A - RAW	10/22/1984 - 03/19/2019	48	2.2	40.2	10/22/198 4	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-189	WELL 055- 1 INF	08/16/1995 - 06/03/2011	327	2.7	18	4/9/1999	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-218	WELL 084 - RAW	09/17/1985 - 10/25/2012	74	0.77	11	10/25/201 2	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-280	WELL 055- 2 - RAW	01/19/1996 - 03/19/2019	347	2	15	2/26/1997	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-281	WELL 140 - RAW	08/26/1993 - 06/15/2020	594	0.52	12	7/29/2002	AR	CITY OF FRESNO	С	135693	542148





		Та	ble E-1 Nitrate	e-Impacte	d Publi	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10100 07-297	WELL 100- 2 - RAW	04/16/1997 - 03/09/2015	106	5.6	13	10/20/201 0	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-312	WELL 297- 2 INF	07/31/1996 - 12/12/2017	724	4.5	23.5	8/27/2007	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-348	WELL 180- 1 - RAW	03/14/2000 - 06/15/2020	595	2.1	12	6/12/2006	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-349	WELL 180- 2 - INF	05/03/2004 - 05/20/2020	581	2.7	20	5/20/2020	AR	CITY OF FRESNO	С	135693	542148
Kings	10100 23-002	FRIANT KERN CANAL - RAW	10/19/1989 - 06/29/2012	8	0.011 2943 3	13.73 3905 58	9/4/2001	AR	CITY OF ORANGE COVE	С	1694	9780
Kings	10100 25-010	WELL 02A - RAW	05/18/1995 - 01/22/2020	48	2.7	14	1/8/2020	AR	CITY OF PARLIER	С	2638	15286
Kings	10100 49-003	WELL 03 - RAW	03/29/1999 - 12/30/2019	23	0.54	27.2	9/15/2016	AR	BIOLA COMMUNITY SERVICES DIST	С	300	1623
Kings	10100 49-004	WELL 04 - RAW	07/08/2004 - 12/30/2019	15	1.2	25.9	9/15/2016	AR	BIOLA COMMUNITY SERVICES DIST	С	300	1623
Kings	10100 57-003	WELL 03A - RAW	08/16/2000 - 07/04/2019	84	0.8	24.2	3/17/2014	AR	FRESNO CITY WASTEWATER PLANT	NTN C	18	190
Kings	54009 17-001	WELL 01 - RAW	10/11/2005 - 04/14/2016	74	0.43	53.5	4/14/2016	AR	SHOP N GO	NC	1	25





		Та	ble E-1 Nitrate	e-Impacte	d Publi	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	54020 24-001	WELL 01 - DESTROYE D	02/20/2002 - 10/17/2019	21	0.54	12	10/24/201 2	AR	KINGS RIVER MARKET WATER SYSTEM	NC	2	100
Kings	54030 43-001	WELL 01 - PRE NO3 BLEND	03/27/2002 - 07/08/2020	222	4.2	15	12/18/201 9	AR	YETTEM WATER SYSTEM	С	66	350
Kings	54030 46-002	WELL 02	10/07/2016 - 01/02/2020	16	6.6	49	1/2/2020	AR	VISALIA CITRUS PACKING GROUP- ORANGE COVE	NTN C	7	70
Kings	54032 05-001	WELL 01	07/27/2016 - 06/07/2020	15	17.7	36	6/7/2020	AR	PENA'S DISPOSAL SERVICES	NTN C	4	86
Kings	54032 10-001	WELL 01	10/27/2016 - 09/05/2017	2	19	23	9/5/2017	AR	HAPPY APPLES	NC	1	22
Kings	54032 11-002	WELL 02 - WEST WELL	01/27/2017 - 01/17/2020	14	16	39	1/17/2020	AR	BOOTH RANCHES LLC	NTN C	3	150
Kings	54032 15-001	NORTH WELL	08/28/2018 - 02/12/2020	7	8.9	25	2/12/2020	AR	FRESH SELECT, LLC	NTN C	1	30
Kings	54032 15-002	WEST WELL	08/28/2018 - 02/12/2020	7	22	32	2/12/2020	AR	FRESH SELECT, LLC	NTN C	1	30
Kings	54100 01-004	WELL 06 - RAW (OFFLINE NO3 & DBCP)	02/12/1987 - 03/10/2015	163	1.1	13	3/10/2015	AR	CUTLER PUD	С	1218	6200





		Та	ble E-1 Nitrate	e-Impacte	d Publi	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	54100 08-008	WELL 08- RAW	08/01/1996 - 05/20/2020	88	3.2	11	3/10/2003	AR	OROSI PUBLIC UTILITY DISTRICT	С	1578	8770
Kings	10000 57-001	WELL 01	01/31/2003 - 02/10/2020	53	0.63	12	2/10/2020	AU	DEL ORO WATER CO - METROPOLITAN DISTRICT	С	29	96
Kings	10001 12-001	WELL 03	06/29/1994 - 04/16/2019	38	6.28	16	4/16/2019	AU	FAIRMONT SCHOOL	NTN C	6	483
Kings	10002 07-001	WELL 01	04/28/2004 - 10/15/2018	53	6.1	14	10/5/2016	AU	CENTRAL WEST ARTS CENTER	NTN C	7	56
Kings	10002 85-053	PRIMARY WELL	04/02/2003 - 03/29/2010	10	11	28.4	3/29/2010	AU	WASHINGTON COLONY SCHOOL	NTN C	12	550
Kings	10003 66-001	WELL 01	08/29/2003 - 07/17/2020	32	2.8	18	4/11/2011	AU	SUNNYSIDE CONVALESCENT HOSP	С	1	275
Kings	10003 69-002	WELL 02 (CEDAR)	01/13/2003 - 02/13/2020	23	0.022 5	11	1/5/2016	AU	ZONNEVELD DAIRY - CEDAR	С	15	70
Kings	10003 69-023	WELL 03	01/04/2011 - 07/17/2013	12	5.511 6331 6	18.31 9403 66	7/17/2013	AU	ZONNEVELD DAIRY - CEDAR	С	15	70
Kings	10004 52-001	WELL 01	07/07/2005 - 10/05/2016	25	0.022 5	29.4	7/11/2016	AU	RAY MOLES FARMS (MARKS AVE)	NTN C	1	90
Kings	10004 83-002	WELL 02 - PRIMARY	12/01/2008 - 02/07/2019	16	3.9	14.2	12/2/2013	AU	RIVER RANCH RAISINS	NC	1	40





		Та	ble E-1 Nitrate	-Impacte	d Public	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10004 86-001	WELL 01	04/29/2008 - 11/18/2019	19	2.9	14.3	10/17/201 9	AU	LION RAISINS PACKING COMPANY	NTN C	3	80
Kings	10005 05-001	WELL 01	03/19/2003 - 01/05/2018	32	6.98	18	1/5/2018	AU	RAY & LARRY MOLES (HENDERSON RD)	NC	1	56
Kings	10005 11-001	WELL 01	07/10/2002 - 03/20/2019	20	6.3	45.2	2/18/2010	AU	THE WORSHIP CENTER EASTON	NC	1	80
Kings	10005 76-001	WELL 01	09/30/2008 - 02/03/2020	21	0.75	11	3/22/2018	AU	LONE STAR DEHYDRATOR	NTN C	2	175
Kings	10005 91-001	WELL 01	03/28/2011 - 03/06/2019	14	2	16	7/1/2013	AU	SUMNER PECK RANCH WINERY & FRUIT STAND	NC	2	100
Kings	10006 14-001	WELL 01	08/13/2014 - 10/14/2019	12	3	40	7/9/2018	AU	QUAIL LAKE COMMUNITY CHURCH	NC	3	125
Kings	10092 10-001	WELL	12/18/2001 - 08/01/2002	2	14.9	31.5	8/1/2002	AU	DE GROOT & SON DAIRY	NTN C	8	0
Kings	10100 01-011	WELL 11	01/06/1986 - 06/19/2019	53	2.5	14.36 7	12/24/198 6	AU	BAKMAN WATER COMPANY	С	2609	16756
Kings	10100 01-015	WELL 14	12/16/1985 - 02/04/2019	60	1.2	10.2	1/23/2017	AU	BAKMAN WATER COMPANY	С	2609	16756
Kings	10100 39-004	WELL 04	05/06/1991 - 09/25/2014	25	0.022 5	11.4	8/5/2002	AU	CARUTHERS COMM SERV DIST	С	696	2503





		Та	ble E-1 Nitrate	-Impacte	d Public	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	20009	Source	08/08/2007 -	4	23.7	37.2	3/25/2010	AU	BONITA MINI	NTN	3	25
	39-001	Well	03/25/2010				. / . = / =		MART - WATER	С		
Kings	54005 23-001	WELL 01	10/28/2002 - 05/18/2020	50	0.045	17.6	4/15/2015	AU	EL MONTE VILLAGE MHP	С	47	100
Kings	54005 48-001	WELL 01	06/07/2002 - 06/15/2020	64	0.022 5	17	6/18/2018	AU	KINGS INN MOTEL	NC	225	6
Kings	54005 53-001	WELL 01 - NORTH	12/21/2001 - 08/07/2018	42	0.845	24.3	8/7/2018	AU	DEL ORO TRAVER DISTRICT	С	200	660
Kings	54008 64-003	WELL 03	01/04/2002 - 04/08/2009	4	15	17	4/8/2009	AU	WELLSPRING ACADEMY	NTN C	13	300
Kings	54010 03-001	WELL 01 - EAST - RAW	01/14/2002 - 01/22/2020	47	0.43	14.4	9/19/2018	AU	EAST OROSI CSD	С	103	932
Kings	54010 03-002	WELL 02 - WEST - RAW	01/14/2002 - 01/22/2020	65	0.045	14.3	7/22/2019	AU	EAST OROSI CSD	С	103	932
Kings	54010 76-002	WELL 02	10/18/2005 - 01/08/2020	44	2	14	7/9/2019	AU	GOLDEN STATE VINTNERS CUTLER	NTN C	3	46
Kings	54010 94-002	WELL 02	12/23/2008 - 03/11/2020	8	4.1	14	12/21/201 2	AU	RJ'S TRAVEL CENTER	NC	1	103
Kings	54020 43-001	WELL 01	01/07/2003 - 11/08/2019	60	12.6	18.5	11/8/2019	AU	MONSON MARKET	NC	2	30
Kings	54020 56-001	WELL 01	06/05/2002 - 11/09/2016	40	2.5	45.2	5/24/2016	AU	PEOPLE'S FOOD AND DELI INC.	NC	1	100





		Та	ble E-1 Nitrate	e-Impacte	d Public	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	54030 41-001	WELL 01	04/16/2002 - 06/17/2020	56	4.16	15.2	6/17/2020	AU	FAMILY TREE FARMS	NTN C	3	30
Kings	54030 46-001	WELL 01 - OFFLINE 2016	03/14/2002 - 01/02/2020	44	0.93	34	1/2/2020	AU	VISALIA CITRUS PACKING GROUP- ORANGE COVE	NTN C	7	70
Kings	54030 80-001	WELL 01	06/19/2002 - 02/18/2020	38	3.5	10.8	5/3/2007	AU	LEGACY PACKING	NTN C	1	125
Kings	54030 81-001	WELL 01	12/24/2002 - 07/13/2020	36	2.3	17.7	7/13/2020	AU	PETERS FRUIT FARMS, INC	NTN C	1	125
Kings	54031 52-001	WELL 01 NORTH	01/07/2015 - 03/26/2019	3	7.1	11	12/6/2016	AU	MOUNTAIN VIEW COLD STORAGE	NTN C	6	140
Tulare Lake	16000 32-001	WELL 01	07/10/2002 - 01/21/2020	29	0.25	15.3	1/16/2008	AU	KINGS REST MOTEL	NC	2	30
Tulare Lake	16006 04-002	WELL #2 (NORTHER NMOST, S OF SHOP)	04/01/2003 - 12/16/2019	34	0.2	13.6	12/16/201 9	AU	WARMERDAM PACKING LP	NC	5	150
Tulare Lake	16006 04-003	WELL #3 (NORTHW EST OF WELL#1)	07/15/2003 - 10/24/2019	32	0.2	12.2	10/23/201 8	AU	WARMERDAM PACKING LP	NC	5	150
Kings	10100 07-012	WELL 114 - DESTROYE D	07/20/1994 - 09/12/1994	2	11	13	9/12/1994	DS	CITY OF FRESNO	С	135693	542148





		Та	ble E-1 Nitrate	e-Impacte	d Publi	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10100 07-018	WELL 210 - DESTROYE D	09/11/1984 - 03/22/1989	3	8.6	12.15 3	10/26/198 7	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-024	WELL 216 - DESTROYE D	09/11/1984 - 03/20/1989	3	8.900 2	12	3/20/1989	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-039	WELL 227 - DESTROYE D	09/16/1994 - 09/16/1994	2	2.484 7526 54	2500	9/16/1994	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-060	WELL 248 - DESTROYE D	02/14/1994 - 02/10/1997	3	3.8	13	2/10/1997	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-067	SITE 008A (GAC) - ABANDON ED	08/03/2001 - 09/28/2009	231	0.022 5	10.16 4897 22	7/8/2002	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-074	WELL 259 - DESTROYE D	09/11/1984 - 09/02/1994	6	7.9	14	10/21/198 7	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-077	WELL 262 -	09/11/1984 - 09/19/1994	4	1.9	11.3	3/3/1989	DS	CITY OF FRESNO	С	135693	542148





		Та	ble E-1 Nitrate	-Impacte	d Publi	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
		DESTROYE D										
Kings	10100 07-222	WELL 088 - DESTROYE D	01/21/1988 - 06/04/1997	13	0.2	17	7/21/1993	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-244	WELL 110 INF - DESTROYE D	03/13/1989 - 10/05/2005	17	5.2	11	10/5/2005	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-291	SITE 186 (GAC AT 168) - DESTROYE D	05/03/2000 - 01/12/2012	168	0.022 5	13.77 9082 9	7/7/2005	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 07-379	SITE 113 (GAC) - DESTROYE D	12/11/1998 - 03/03/1999	4	8.583 6909 87	12.87 5536 48	2/10/1999	DS	CITY OF FRESNO	С	135693	542148
Kings	10100 27-002	WELL 02 - DESTROYE D	10/16/1986 - 12/21/2012	42	0.99	12	10/16/198 6	DS	REEDLEY, CITY OF	С	6342	24194
Kings	10100 27-003	WELL 03 - DESTROYE D	10/16/1986 - 03/27/1990	2	4.7	12	10/16/198 6	DS	REEDLEY, CITY OF	С	6342	24194





		Та	ble E-1 Nitrate	-Impacte	d Public	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10100 27-004	WELL 04 - DESTROYE D	10/16/1986 - 11/21/2007	22	0.54	12	10/16/198 6	DS	REEDLEY, CITY OF	С	6342	24194
Kings	10100 57-002	WELL 03 - DESTROYE D	08/16/2000 - 03/12/2002	2	4.95	20	3/12/2002	DS	FRESNO CITY WASTEWATER PLANT	NTN C	18	190
Kings	54005 45-001	WELL 01	03/12/2003 - 02/16/2005	7	2	16	2/16/2005	DS	NORSEMAN M.H.P.	С	31	70
Kings	54100 02-009	WELL 09 - DESTROYE D	07/19/1989 - 03/17/1997	15	3.8	12	6/17/1996	DS	DINUBA, CITY OF	С	6036	26305
Kings	54100 02-012	WELL 12 - DESTROYE D	07/19/1989 - 11/13/1998	21	0.32	12	11/10/199 8	DS	DINUBA, CITY OF	С	6036	26305
Kings	10003 43-001	WELL 01 - RAW	05/22/2008 - 10/11/2012	17	5.2	15.8	7/13/2012	IR	HARDING & LEGGETT- PACKING FACILITY	NTN C	1	85
Kings	10004 61-033	WELL 03 - RAW - INACTIVE	02/04/1998 - 03/11/2010	25	5.4	18	3/11/2010	IR	CARGILL MEAT SOLUTIONS CORPORATION	NTN C	4	1100
Kings	10005 98-001	WELL 01- INACTIVE	12/23/2011 - 05/14/2012	2	11.97 1990 06	11.97 1990 06	5/14/2012	IR	MANHEIM CENTRAL CALIFORNIA	NTN C	2	85





		Та	ble E-1 Nitrate	-Impacte	d Public	c Supply	/ Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10100 07-005	WELL 201 - INF - INACTIVE	09/11/1984 - 01/11/2016	61	4.495 2	16	1/11/2016	IR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-311	WELL 182- 2 - RAW INACTIVE	08/21/2003 - 10/26/2011	134	5	19	5/16/2008	IR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-317	WELL 152 INF - INACTIVE	07/02/2001 - 12/05/2006	87	7	18	8/14/2006	IR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-320	WELL 185 INF - INACTIVE	06/16/1997 - 06/08/2020	182	2	15	7/11/2005	IR	CITY OF FRESNO	С	135693	542148
Kings	10100 07-378	WELL 253- 2A INF - INACTIVE	05/22/1998 - 12/17/1998	12	3.6	12	12/17/199 8	IR	CITY OF FRESNO	С	135693	542148
Kings	10100 23-005	WELL 06 - INACT 2004	09/08/1988 - 07/18/2003	6	0.005 5	20	7/18/2003	IR	CITY OF ORANGE COVE	С	1694	9780
Kings	10100 23-008	WELLS ONLY (COMBINE D) - INACT 2004	09/04/2001 - 03/01/2004	27	1.102 3266 32	21.45 9227 47	3/1/2004	IR	CITY OF ORANGE COVE	С	1694	9780





		Та	ble E-1 Nitrate	-Impacte	d Publi	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10100 23-009	BLEND AT CLEARWE LL-INACT 2004	09/04/2001 - 04/23/2004	124	0.022 5	16.48 9722 16	11/14/200 3	IR	CITY OF ORANGE COVE	С	1694	9780
Kings	10103 39-001	WELL 02 - INACTIVE 2006	01/20/1994 - 11/02/2005	43	0.9	13	11/2/2005	IR	CALIFORNIA STATE UNIVERSITY FRESNO	С	159	41000
Kings	54008 64-001	WELL 01 WEST - INACTIVE	01/09/2003 - 10/22/2008	2	15.7	17	10/22/200 8	IR	WELLSPRING ACADEMY	NTN C	13	300
Kings	10000 78-001	WELL 01 - INACTIVE DUE TO NITRATE	10/27/2006 - 12/30/2011	24	7.2	14	12/30/201 1	IU	FCWWD #42/ALLUVIAL & FANCHER	С	104	291
Kings	10002 21-001	WELL 01 - INACTIVE	02/28/2002 - 01/18/2019	41	4.7	13	2/6/2015	IU	EASTON AUTHORITY JPA	NTN C	23	1000
Kings	10003 32-001	LPA REPORTE D PRIMARY SOURCE	02/28/2003 - 05/04/2004	4	6.663 6548 45	14.90 8515 93	5/4/2004	IU	ROCHA S DAIRY	NTN C	11	0
Kings	10003 66-002	WELL 02- INACTIVE	08/29/2003 - 06/29/2009	7	11	14	6/29/2009	IU	SUNNYSIDE CONVALESCENT HOSP	С	1	275





		Та	ble E-1 Nitrate	-Impacte	d Publi	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10004	WELL 01	04/05/2002 -	4	2.91	17.2	11/26/200	IU	GARDEN	С	10	35
	13-001	14/511 00	11/24/2009	10	0.6	4.4	8		APARTMENTS			7000
Kings	10004 42-002	WELL 02 - INACTIVE	07/29/2003 - 04/01/2011	12	8.6	11	5/21/2010	IU	CHERRY AUCTION	NC	8	7000
Kings	10004 42-015	WELL 01A - INACTIVE	04/01/2011	1	12.6	12.6	4/1/2011	IU	CHERRY AUCTION	NC	8	7000
Kings	10004 49-001	WELL 01	10/24/2002 - 10/02/2007	5	3.12	16	10/29/200 4	IU	CAMPOS BROTHERS LABOR CAMP	NC	1	50
Kings	10004 69-001	WELL 01	08/23/2002 - 10/08/2014	17	1.8	13.5	10/8/2014	IU	LION RAISINS EMPLOYEE LABOR CAMP	NC	1	35
Kings	10004 83-001	WELL 01 - INACTIVE DUE TO NO3	01/20/2010 - 02/11/2010	2	21	22.2	2/11/2010	IU	RIVER RANCH RAISINS	NC	1	40
Kings	10005 15-001	WELL 01	01/09/2008 - 10/16/2017	23	0.75	12	1/22/2014	IU	MICHELSEN PACKAGING	NC	1	40
Kings	10005 30-002	WELL 02	12/08/2008 - 11/09/2010	19	7	12	11/9/2010	IU	AMERICAN AVENUE LANDFILL	NTN C	2	29
Kings	10005 47-001	WELL 01 INACTIVE	08/13/2008 - 01/07/2016	21	7.97	46.3	1/7/2016	IU	CAL PRODUCE SALES CORP - INACTIVE	NC	1	80





		Та	ble E-1 Nitrate	-Impacte	d Publi	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10006 08-004	WELL 02 - INACTIVE	02/04/2014 - 04/07/2017	2	0.022 5	12	2/4/2014	IU	GERAWAN FRUIT PACKING	NC	1	298
Kings	10100 01-002	WELL 02 INACTIVE	05/19/1987 - 09/12/2018	42	4.1	11.5	9/12/2018	IU	BAKMAN WATER COMPANY	С	2609	16756
Kings	10100 01-005	WELL 06 - INACTIVE	05/19/1987 - 09/12/2018	29	0.77	19	7/28/2010	IU	BAKMAN WATER COMPANY	С	2609	16756
Kings	10100 07-045	WELL 233 - DESTROYE D	09/11/1984 - 02/23/1994	4	0.34	22	10/13/198 7	IU	CITY OF FRESNO	С	135693	542148
Kings	10100 07-110	WELL 294 - DESTROYE D	05/23/1997 - 07/08/1997	4	9.3	11	6/26/1997	IU	CITY OF FRESNO	С	135693	542148
Kings	10100 07-318	WELL 155- 2 - INACTIVE	03/03/1998 - 09/18/2003	31	4.7	21	9/18/2003	IU	CITY OF FRESNO	С	135693	542148
Kings	10100 23-001	WELL 10 (CITRUSSC H) - INACTIVE 2004	10/19/1988 - 07/18/2003	5	0.005 5	11	7/18/2003	IU	CITY OF ORANGE COVE	С	1694	9780
Kings	10100 23-003	WELL 03 - INACT 2004	09/15/1988 - 07/18/2003	7	0.005 5	15	7/18/2003	IU	CITY OF ORANGE COVE	С	1694	9780





		Та	ble E-1 Nitrate	-Impacte	d Public	c Supply	y Well Sumn	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	10100 23-004	WELL 05 - INACTIVE 2003	09/08/1988 - 06/24/1998	6	11	20	6/24/1998	IU	CITY OF ORANGE COVE	С	1694	9780
Kings	10100 23-006	WELL 08 - INACT 2004	09/30/1988 - 07/18/2003	8	0.005 5	12	7/18/2003	IU	CITY OF ORANGE COVE	С	1694	9780
Kings	10100 42-003	WELL 03 - INACTIVE	04/07/1986 - 10/15/2009	35	1	12	3/9/2005	IU	MALAGA COUNTY WATER DISTRICT	С	462	5979
Kings	54006 34-001	WELL 01	04/25/2002 - 04/07/2011	9	8.54	13	4/7/2011	IU	LOVELL HIGH SCHOOL	NTN C	1	60
Kings	54006 36-001	WELL 01 - DESTROYE D	04/25/2002 - 09/09/2014	17	7.5	20.3	2/12/2009	IU	OROSI HIGH SCHOOL	NTN C	8	1200
Kings	54020 22-001	WELL 01 - IRRIGATIO N	07/16/2002 - 07/16/2007	11	3.07	15.5	1/8/2007	IU	BRAVO FARMS TRAVER	NC	2	25
Kings	54020 47-001	WELL 01	04/12/2002 - 01/14/2016	29	0.25	26	10/11/201 0	IU	GLEANINGS FOR THE HUNGRY	С	12	31
Kings	54030 41-002	WELL 02 - INACTIVE	01/06/1998 - 12/10/1998	2	43.2	91.1	12/10/199 8	IU	FAMILY TREE FARMS	NTN C	3	30
Kings	54030 45-001	WELL 01	08/18/1994 - 02/06/2001	13	1	85	2/6/2001	IU	IMMANUEL SCHOOL	NTN C	1	35
Kings	54030 45-002	WELL 02	02/06/2002 - 01/31/2011	28	4.88	12.1	10/6/2009	IU	IMMANUEL SCHOOL	NTN C	1	35





		Та	ble E-1 Nitrate	e-Impacte	d Public	c Supply	y Well Sumr	nary, by	Well Status			
Area of the KWAMZ	Well ID	Other Well Name	Date Range	Number of Measur ements	Mini mum Nitrat e (mg/L as Nitro gen)	Maxi mum Nitrat e (mg/L as Nitro gen)	Most Recent NO3N exceeding the Nitrate MCL of 10 mg/L as Nitrogen	Well Status 17	DDW Water System Name	PWS Type	Number of Connect ions	Popula tion Served
Kings	54030 80-002	WELL 02 - DESTROYE D	07/16/2002 - 10/19/2016	26	3.7	12.1	7/14/2014	IU	LEGACY PACKING	NTN C	1	125
Kings	54100 01-001	WELL 04 - INACTIVE - NITRATES	02/12/1987 - 12/10/1998	22	7.18	11	12/10/199 8	IU	CUTLER PUD	С	1218	6200
Kings	54100 01-002	WELL 03 - INACTIVE	02/12/1987 - 03/26/1992	10	7.9	14	3/26/1992	IU	CUTLER PUD	С	1218	6200
Kings	54100 02-003	WELL 03	07/19/1989 - 09/22/2009	59	0.34	18	9/30/2008	IU	DINUBA, CITY OF	С	6036	26305
Kings	54100 08-005	WELL 06 - INACTIVE	11/20/1986 - 07/17/2002	12	8.4	44.7	7/17/2002	IU	OROSI PUBLIC UTILITY DISTRICT	С	1578	8770
Tulare Lake	16000 06-001	WELL #1 - INACTIVE	03/11/2002 - 07/17/2002	2	12.4	13.5	7/17/2002	IU	DELTA VIEW SCHOOL	NTN C	2	2
Tulare Lake	16002 67-001	WELL 01	01/30/2006	1	15	15	1/30/2006	IU	41 CAFE	NC	2	26
Kings	54006 36-002	WELL 02	03/23/2010 - 12/09/2019	20	4.11	11	6/13/2019	PN	OROSI HIGH SCHOOL	NTN C	8	1200
Kings	54020 47-018	WELL 03	01/24/2011 - 06/15/2020	66	16.2	52	6/15/2020	PN	GLEANINGS FOR THE HUNGRY	С	12	31
Kings	54032 11-004	WELL 03 - PENDING	03/24/2017 - 01/17/2020	14	9	40	1/17/2020	PN	BOOTH RANCHES LLC	NTN C	3	150





ARea of KWAMZ	Number	System Name	PWS Type	Number of Connections	Numk	er of Wells	Population Served	Estimated Potentially Affected				
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	1000057	DEL ORO WATER CO - METROPOLITAN DISTRICT	С	29	1	0	0	0	0	1	96	96
Kings	1000078	FCWWD #42/ALLUVIAL & FANCHER	С	104	0	0	0	0	1	0	291	0
Kings	1000112	FAIRMONT SCHOOL	NTNC	6	1	0	0	0	0	1	483	483
Kings	1000207	CENTRAL WEST ARTS CENTER	NTNC	7	1	0	0	0	0	1	56	56
Kings	1000221	EASTON AUTHORITY JPA	NTNC	23	0	0	0	0	1	0	1000	0
Kings	1000285	WASHINGTON COLONY SCHOOL	NTNC	12	1	0	0	0	0	1	550	550
Kings	1000332	ROCHA S DAIRY	NTNC	11	0	0	0	0	1	0	0	0
Kings	1000343	HARDING & LEGGETT-	NTNC	1	0	0	0	0	1	0	85	0





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numk	er of Wells	Population Served	Estimated Potentially Affected				
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
		PACKING FACILITY										
Kings	1000366	SUNNYSIDE CONVALESCENT HOSP	С	1	1	0	0	0	1	1	275	275
Kings	1000369	ZONNEVELD DAIRY - CEDAR	С	15	2	0	1	0	0	2	70	70
Kings	1000413	GARDEN APARTMENTS	С	10	0	0	0	0	1	0	35	0
Kings	1000442	CHERRY AUCTION	NC	8	0	0	0	0	2	0	7000	0
Kings	1000449	CAMPOS BROTHERS LABOR CAMP	NC	1	0	0	0	0	1	0	50	0
Kings	1000452	RAY MOLES FARMS (MARKS AVE)	NTNC	1	1	0	0	0	0	1	90	90
Kings	1000459	ROAD RUNNER FOOD AND FUEL	NC	1	1	0	0	0	0	1	300	300





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	er of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	1000461	CARGILL MEAT SOLUTIONS CORPORATION	NTNC	4	2	0	0	0	1	2	1100	1100
Kings	1000465	BATTH DEHYDRATOR	NTNC	3	1	0	0	0	0	1	155	155
Kings	1000469	LION RAISINS EMPLOYEE LABOR CAMP	NC	1	0	0	0	0	1	0	35	0
Kings	1000479	FRANZIA WINERY- SANGER	NTNC	2	1	0	0	0	0	1	39	39
Kings	1000483	RIVER RANCH RAISINS	NC	1	1	0	0	0	1	1	40	40
Kings	1000485	TESSENDERLO KERLEY INC	NTNC	2	1	0	0	0	0	1	70	70
Kings	1000486	LION RAISINS PACKING COMPANY	NTNC	3	1	0	0	0	0	1	80	80
Kings	1000505	RAY & LARRY MOLES	NC	1	1	0	0	0	0	1	56	56





Tal	ole E-2. Su	ımmary of Publi	c Wate	r Supply Sys	tems tha	at have ha	ad Nitrate-Im	pacted We	lls by MZ	Area and D	DW Numbe	er.
ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	er of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
		(HENDERSON RD)										
Kings	1000511	THE WORSHIP CENTER EASTON	NC	1	1	0	0	0	0	1	80	80
Kings	1000512	YERGAT PACKING COMPANY	NTNC	2	1	0	0	0	0	1	150	150
Kings	1000513	KINGDOM HALL OF JEHOVAH S WITNESSES	NC	2	0	0	1	0	0	0	100	0
Kings	1000515	MICHELSEN PACKAGING	NC	1	0	0	0	0	1	0	40	0
Kings	1000530	AMERICAN AVENUE LANDFILL	NTNC	2	0	0	0	0	1	0	29	0
Kings	1000547	CAL PRODUCE SALES CORP - INACTIVE	NC	1	0	0	0	0	1	0	80	0





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	er of Wells	in Public Wate Well	r Supply Syste   Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	1000576	LONE STAR DEHYDRATOR	NTNC	2	1	0	0	0	0	1	175	175
Kings	1000591	SUMNER PECK RANCH WINERY & FRUIT STAND	NC	2	1	0	0	0	0	1	100	100
Kings	1000592	SHANT BHAVAN PUNJABI FUNERAL HOME	NC	1	1	0	0	0	0	1	250	250
Kings	1000598	MANHEIM CENTRAL CALIFORNIA	NTNC	2	0	0	0	0	1	0	85	0
Kings	1000608	GERAWAN FRUIT PACKING	NC	1	2	0	0	0	1	2	298	298
Kings	1000614	QUAIL LAKE COMMUNITY CHURCH	NC	3	1	0	0	0	0	1	125	125
Kings	1000625	DINO MART 1	NC	3	1	0	0	0	0	1	25	25
Kings	1000627	ZONNEVELD DAIRY - CERINI	С	17	1	0	0	0	0	1	48	48





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numk	er of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	1000629	KINGS RIVER WINERY	NC	2	1	0	0	0	0	1	50	50
Kings	1000647	ST. PETERS CATHOLIC CEMETERY	NC	10	1	0	0	0	0	1	64	64
Kings	1009210	DE GROOT & SON DAIRY	NTNC	8	1	0	0	0	0	1	0	0
Kings	1010001	BAKMAN WATER COMPANY	С	2609	3	0	0	0	2	3	16756	16756
Kings	1010007	CITY OF FRESNO	С	135693	13	0	0	12	8	13	542148	542148
Kings	1010023	CITY OF ORANGE COVE	С	1694	1	0	0	0	7	1	9780	9780
Kings	1010025	CITY OF PARLIER	С	2638	1	0	0	0	0	1	15286	15286
Kings	1010027	REEDLEY, CITY OF	С	6342	0	0	0	3	0	0	24194	0
Kings	1010039	CARUTHERS COMM SERV DIST	С	696	1	0	0	0	0	1	2503	2503





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	per of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
Kings					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	1010042	MALAGA COUNTY WATER DISTRICT	С	462	0	0	0	0	1	0	5979	0
Kings	1010049	BIOLA COMMUNITY SERVICES DIST	С	300	2	0	0	0	0	2	1623	1623
Kings	1010057	FRESNO CITY WASTEWATER PLANT	NTNC	18	1	0	0	1	0	1	190	190
Kings	1010339	CALIFORNIA STATE UNIVERSITY FRESNO	С	159	0	0	0	0	1	0	41000	0
Kings	2000939	BONITA MINI MART - WATER	NTNC	3	1	0	0	0	0	1	25	25
Kings	5400523	EL MONTE VILLAGE MHP	С	47	1	0	0	0	0	1	100	100
Kings	5400545	NORSEMAN M.H.P.	С	31	0	0	0	1	0	0	70	0





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numk	er of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
J.					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	5400548	KINGS INN MOTEL	NC	225	1	0	0	0	0	1	6	6
Kings	5400553	DEL ORO TRAVER DISTRICT	С	200	1	0	0	0	0	1	660	660
Kings	5400634	LOVELL HIGH SCHOOL	NTNC	1	0	0	0	0	1	0	60	0
Kings	5400636	OROSI HIGH SCHOOL	NTNC	8	0	1	0	0	1	1	1200	1200
Kings	5400864	WELLSPRING ACADEMY	NTNC	13	1	0	0	0	1	1	300	300
Kings	5400917	SHOP N GO	NC	1	1	0	0	0	0	1	25	25
Kings	5401003	EAST OROSI CSD	С	103	2	0	0	0	0	2	932	932
Kings	5401076	GOLDEN STATE VINTNERS CUTLER	NTNC	3	1	0	0	0	0	1	46	46
Kings	5401094	RJ'S TRAVEL CENTER	NC	1	1	0	0	0	0	1	103	103





Та	ble E-2. Su	ımmary of Publi	c Wate	r Supply Sys	tems th	at have ha	ad Nitrate-Im	pacted We	lls by MZ	Area and D	DW Numbe	er.
ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	er of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
	TRA'				Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	5402022	BRAVO FARMS TRAVER	NC	2	0	0	0	0	1	0	25	0
Kings	5402024	KINGS RIVER MARKET WATER SYSTEM	NC	2	1	0	0	0	0	1	100	100
Kings	5402043	MONSON MARKET	NC	2	1	0	0	0	0	1	30	30
Kings	5402047	GLEANINGS FOR THE HUNGRY	С	12	0	1	0	0	1	1	31	31
Kings	5402056	PEOPLE'S FOOD AND DELI INC.	NC	1	1	0	0	0	0	1	100	100
Kings	5403041	FAMILY TREE FARMS	NTNC	3	1	0	0	0	1	1	30	30
Kings	5403043	YETTEM WATER SYSTEM	С	66	1	0	0	0	0	1	350	350
Kings	5403045	IMMANUEL SCHOOL	NTNC	1	0	0	0	0	2	0	35	0
Kings	5403046	VISALIA CITRUS PACKING	NTNC	7	2	0	0	0	0	2	70	70





ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	er of Wells	in Public Wate Well	r Supply Syste Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
		GROUP- ORANGE COVE										
Kings	5403080	LEGACY PACKING	NTNC	1	1	0	0	0	1	1	125	125
Kings	5403081	PETERS FRUIT FARMS, INC	NTNC	1	1	0	0	0	0	1	125	125
Kings	5403152	MOUNTAIN VIEW COLD STORAGE	NTNC	6	1	0	0	0	0	1	140	140
Kings	5403205	PENA'S DISPOSAL SERVICES	NTNC	4	1	0	0	0	0	1	86	86
Kings	5403210	HAPPY APPLES	NC	1	1	0	0	0	0	1	22	22
Kings	5403211	BOOTH RANCHES LLC	NTNC	3	1	1	0	0	0	2	150	150
Kings	5403215	FRESH SELECT, LLC	NTNC	1	2	0	0	0	0	2	30	30
Kings	5410001	CUTLER PUD	С	1218	1	0	0	0	2	1	6200	6200
Kings	5410002	DINUBA, CITY OF	С	6036	0	0	0	2	1	0	26305	0





Tal	ole E-2. Su	ımmary of Publi	ic Wate	er Supply Sys	tems th	at have h	ad Nitrate-Im	pacted We	lls by MZ	Area and D	DW Numbe	er.
ARea of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Numb	er of Wells	in Public Wate Well	r Supply Syste   Status	ms > 10mg	/L as N by	Population Served	Estimated Potentially Affected
					Active Wells	Pending	Abandoned Wells	Destroyed Wells	Inactive Wells	Number of Active or Pending Wells That Have Exceeded 10 mg/L as N		Population with Active Wells >10mg/L as N
Kings	5410008	OROSI PUBLIC UTILITY DISTRICT	С	1578	1	0	1	0	1	1	8770	8770
Tulare Lake	1600006	DELTA VIEW SCHOOL	NTNC	2	0	0	0	0	1	0	2	0
Tulare Lake	1600032	KINGS REST MOTEL	NC	2	1	0	0	0	0	1	30	30
Tulare Lake	1600267	41 CAFE	NC	2	0	0	0	0	1	0	26	0
Tulare Lake	1600604	WARMERDAM PACKING LP	NC	5	2	0	0	0	0	2	150	150





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Kings	1000057	DEL ORO WATER CO - METROPOLITAN DISTRICT	С	29	96	No	-	-	-	-
Kings	1000078	FCWWD #42/ALLUVIAL & FANCHER	С	104	291	No	-	-	-	-
Kings	1000112	FAIRMONT SCHOOL	NTNC	6	483	No	-	-	-	-
Kings	1000207	CENTRAL WEST ARTS CENTER	NTNC	7	56	No	-	-	-	-
Kings	1000221	EASTON AUTHORITY JPA	NTNC	23	1000	Yes	Yes	No	No	
Kings	1000285	WASHINGTON COLONY SCHOOL	NTNC	12	550	No	-	-	-	-
Kings	1000332	ROCHA S DAIRY	NTNC	11	0	No	-	-	-	-
Kings	1000343	HARDING & LEGGETT- PACKING FACILITY	NTNC	1	85	Yes	No	No	No	
Kings	1000366	SUNNYSIDE CONVALESCENT HOSP	С	1	275	No	-	-	-	-
Kings	1000369	ZONNEVELD DAIRY - CEDAR	С	15	70	Yes	No	Yes	No	
Kings	1000413	GARDEN APARTMENTS	С	10	35	No	-	-	-	-
Kings	1000442	CHERRY AUCTION	NC	8	7000	Yes	No	No	No	
Kings	1000449	CAMPOS BROTHERS LABOR CAMP	NC	1	50	No	-	-	-	-





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Kings	1000452	RAY MOLES FARMS (MARKS AVE)	NTNC	1	90	No	-	-	-	-
Kings	1000459	ROAD RUNNER FOOD AND FUEL	NC	1	300	Yes	Yes	Yes	Yes	8/12/2020
Kings	1000461	CARGILL MEAT SOLUTIONS CORPORATION	NTNC	4	1100	Yes	No	No	No	
Kings	1000465	BATTH DEHYDRATOR	NTNC	3	155	Yes	Yes	Yes	Yes	12/2/2014
Kings	1000469	LION RAISINS EMPLOYEE LABOR CAMP	NC	1	35	No	-	-	-	-
Kings	1000479	FRANZIA WINERY-SANGER	NTNC	2	39	Yes	Yes	Yes	Yes	6/6/2014
Kings	1000483	RIVER RANCH RAISINS	NC	1	40	No	-	-	-	-
Kings	1000485	TESSENDERLO KERLEY INC	NTNC	2	70	Yes	No	Yes	Yes	8/9/2013
Kings	1000486	LION RAISINS PACKING COMPANY	NTNC	3	80	Yes	No	No	No	-
Kings	1000505	RAY & LARRY MOLES (HENDERSON RD)	NC	1	56	No	-	-	-	-
Kings	1000511	THE WORSHIP CENTER EASTON	NC	1	80	No	-	-	-	-
Kings	1000512	YERGAT PACKING COMPANY	NTNC	2	150	Yes	No	No	No	-





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Kings	1000513	KINGDOM HALL OF JEHOVAH S WITNESSES	NC	2	100	No	-	-	-	-
Kings	1000515	MICHELSEN PACKAGING	NC	1	40	No	-	-	-	-
Kings	1000530	AMERICAN AVENUE LANDFILL	NTNC	2	29	No	-	-	-	-
Kings	1000547	CAL PRODUCE SALES CORP - INACTIVE	NC	1	80	No	-	-	-	-
Kings	1000576	LONE STAR DEHYDRATOR	NTNC	2	175	Yes	No	Yes	No	-
Kings	1000591	SUMNER PECK RANCH WINERY & FRUIT STAND	NC	2	100	No	-	-	-	-
Kings	1000592	SHANT BHAVAN PUNJABI FUNERAL HOME	NC	1	250	Yes	Yes	Yes	No	-
Kings	1000598	MANHEIM CENTRAL CALIFORNIA	NTNC	2	85	No	-	-	-	-
Kings	1000608	GERAWAN FRUIT PACKING	NC	1	298	Yes	No	Yes	No	
Kings	1000614	QUAIL LAKE COMMUNITY CHURCH	NC	3	125	No	-	-	-	-
Kings	1000625	DINO MART 1	NC	3	25	Yes	Yes	Yes	Yes	3/17/2020
Kings	1000627	ZONNEVELD DAIRY - CERINI	С	17	48	Yes	No	No	No	-
Kings	1000629	KINGS RIVER WINERY	NC	2	50	Yes	Yes	No	No	-





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Kings	1000647	ST. PETERS CATHOLIC CEMETERY	NC	10	64	No	-	-	-	-
Kings	1009210	DE GROOT & SON DAIRY	NTNC	8	0	No	-	-	-	-
Kings	1010001	BAKMAN WATER COMPANY	С	2609	16756	Yes	Yes	Yes	Yes	9/8/2020
Kings	1010007	CITY OF FRESNO	С	135693	542148	Yes	Yes	Yes	Yes	9/22/2020
Kings	1010023	CITY OF ORANGE COVE	С	1694	9780	Yes	No	Yes	No	-
Kings	1010025	CITY OF PARLIER	С	2638	15286	Yes	No	No	No	-
Kings	1010027	REEDLEY, CITY OF	С	6342	24194	Yes	Yes	Yes	Yes	10/4/2007
Kings	1010039	CARUTHERS COMM SERV DIST	С	696	2503	No	-	-	-	-
Kings	1010042	MALAGA COUNTY WATER DISTRICT	С	462	5979	Yes	Yes	Yes	No	-
Kings	1010049	BIOLA COMMUNITY SERVICES DIST	С	300	1623	Yes	No	No	No	-
Kings	1010057	FRESNO CITY WASTEWATER PLANT	NTNC	18	190	Yes	No	No	No	-
Kings	1010339	CALIFORNIA STATE UNIVERSITY FRESNO	С	159	41000	Yes	No	Yes	No	-
Kings	2000939	BONITA MINI MART - WATER	NTNC	3	25	No	-	-	-	-





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Kings	5400523	EL MONTE VILLAGE MHP	С	47	100	No	-	-	-	-
Kings	5400545	NORSEMAN M.H.P.	С	31	70	No	-	-	-	-
Kings	5400548	KINGS INN MOTEL	NC	225	6	Yes	No	No	No	-
Kings	5400553	DEL ORO TRAVER DISTRICT	С	200	660	No	-	-	-	-
Kings	5400634	LOVELL HIGH SCHOOL	NTNC	1	60	No	-	-	-	-
Kings	5400636	OROSI HIGH SCHOOL	NTNC	8	1200	No	-	-	-	-
Kings	5400864	WELLSPRING ACADEMY	NTNC	13	300	No	-	-	-	-
Kings	5400917	SHOP N GO	NC	1	25	Yes	Yes	Yes	Yes	3/28/2016
Kings	5401003	EAST OROSI CSD	С	103	932	Yes	No	No	No	-
Kings	5401076	GOLDEN STATE VINTNERS CUTLER	NTNC	3	46	Yes	No	No	No	-
Kings	5401094	RJ'S TRAVEL CENTER	NC	1	103	No	-	-	-	-
Kings	5402022	BRAVO FARMS TRAVER	NC	2	25	Yes	No	No	No	-
Kings	5402024	KINGS RIVER MARKET WATER SYSTEM	NC	2	100	Yes	Yes	Yes	No	-
Kings	5402043	MONSON MARKET	NC	2	30	Yes	No	No	No	-
Kings	5402047	GLEANINGS FOR THE HUNGRY	С	12	31	Yes	Yes	Yes	Yes	9/26/2019





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Kings	5402056	PEOPLE'S FOOD AND DELI INC.	NC	1	100	Yes	No	Yes	No	-
Kings	5403041	FAMILY TREE FARMS	NTNC	3	30	Yes	Yes	Yes	Yes	2/19/2020
Kings	5403043	YETTEM WATER SYSTEM	С	66	350	Yes	Yes	Yes	Yes	2/7/2013
Kings	5403045	IMMANUEL SCHOOL	NTNC	1	35	No	-	-	-	-
Kings	5403046	VISALIA CITRUS PACKING GROUP-ORANGE COVE	NTNC	7	70	Yes	Yes	Yes	No	-
Kings	5403080	LEGACY PACKING	NTNC	1	125	No	-	-	-	-
Kings	5403081	PETERS FRUIT FARMS, INC	NTNC	1	125	No	-	-	-	-
Kings	5403152	MOUNTAIN VIEW COLD STORAGE	NTNC	6	140	No	-	-	-	-
Kings	5403205	PENA'S DISPOSAL SERVICES	NTNC	4	86	Yes	Yes	Yes	Yes	7/10/2020
Kings	5403210	HAPPY APPLES	NC	1	22	No	-	-	-	-
Kings	5403211	BOOTH RANCHES LLC	NTNC	3	150	Yes	Yes	Yes	No	-
Kings	5403215	FRESH SELECT, LLC	NTNC	1	30	Yes	No	No	No	-
Kings	5410001	CUTLER PUD	С	1218	6200	Yes	No	No	No	-
Kings	5410002	DINUBA, CITY OF	С	6036	26305	Yes	Yes	Yes	No	-
Kings	5410008	OROSI PUBLIC UTILITY DISTRICT	С	1578	8770	Yes	No	No	No	-





Table E-3. Treatment of Water Systems with Nitrate-Impacted Wells (Shaded cells indicate past exceedance of treated source(s)), by MZ Area and DDW Number.

Area of KWAMZ	DDW Number	System Name	PWS Type	Number of Connections	Population Served	Has a Treated Water Sourced Filed with DDW?	Has Possible Nitrate Treatment (As Mentioned in Treated Source Name*)	Has Nitrate Samples from Treated Sources filed with DDW?	Has Treated Sources with Nitrate Exceeding MCL (>10 mg/L as N)	Most Recent Exceedance for a Treated Source
Tulare Lake	1600006	DELTA VIEW SCHOOL	NTNC	2	2	No	-	-	-	-
Tulare Lake	1600032	System Name	NC	2	30	No	-	-	-	-
Tulare Lake	1600267		NC	2	26	No	-	-	-	-
Tulare Lake	1600604		NC	5	150	No	-	-	-	-





PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)	Nitrate	MCL Exceeda	nce Other	Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance	Population Served by Currently Out-of- Compliance
		DWW)	DWW)							Co- Contaminant	Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminan
Public Water	Systems in the KWA Northern	Portion													
CA1000180	ALTA ELEMENTARY SCHOOL	1	384	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/15/2022			X		384		
CA1000181	ALVINA SCHOOL	8	240	•	SDWIS										
CA1000204	AMERICAN UNION SCHOOL	33	250	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP, Uranium	5/4/2022, 5/4/2022			X		250		
CA1000602	BAKER COMMODITIES INC.	2	60	Out of Compliance (as of 7/14/2022)	SDWIS	MON, MCL	1,2,3-TCP, Coliform	5/17/2018, 8/10/2019			Х	Х	60		
CA1010001	BAKMAN WATER COMPANY	2,608	16,756	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform	11/20/2018			Х		16,756		
CA1000473	BELMONT COUNTRY CLUB	4	150	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/15/2022			X		150		
CA1000460	BELMONT TEMPERANCE PROPERTY WATER SYSTEM	4	27	In Compliance (as of 7/14/2022)	SDWIS										
CA1000004	BELMONT WATER CORPORATION	40	264	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/15/2022			Х		264		





PWS ID	PWS Name	Number of Connections (source: HR2W or	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently	Population Served by Currently Out-of-	Population Served by Currently Out-of-
		SDWIS DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminant
CA1000540	BHANDAL, INC	2	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1010049	BIOLA COMMUNITY SERVICES DIST	1,200	1,623	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Nitrate	3/4/2022				X	1,623		
CA1000517	BLOSSOM TRAIL CAFE	1	78	In Compliance (as of 7/14/2022)	SDWIS										
CA1000443	BLUFF POINTE GOLF COURSE	4	200	In Compliance (as of 7/14/2022)	SDWIS										
CA5403211	BOOTH RANCHES LLC	3	150	Out of Compliance (as of 7/14/2022)	SDWIS	Public Notice, MCL, MCL	Nitrate, 1,2,3-TCP	10/22/2021, 4/7/2022, 4/7/2022		X		X	150		150
CA5403138	BRANDT FARMS, INC	2	100	In Compliance (as of 7/14/2022)	SDWIS										
CA5402022	BRAVO FARMS TRAVER	2	25	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Nitrate	2/18/2022				Х	25		
CA1009179	BRITZ/FIVE POINT SYSTEM	23	76	In Compliance (as of 7/14/2022)	SDWIS										
CA1000182	BURREL UNION ELEMENTARY SCHOOL	2	178	In Compliance (as of 7/14/2022)	SDWIS										
CA5403206	CALIFORNIA CONTROLLED ATMOSPHERE	5	30	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Lead & Copper	11/22/2019				Х	30		



	-4 Compliance Status for al								Chemical						
PWS ID	PWS Name	Number of Connections (source: HR2W or	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently	Population Served by Currently Out-of-	Population Served by Currently Out-of-
		SDWIS DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminant
CA1010339	CALIFORNIA STATE UNIVERSITY FRESNO	159	41,000	In Compliance (as of 7/14/2022)	SDWIS										
CA5401024	CALTRANS CHESTER H. WARLOW SFTY RSRA	5	1,000	In Compliance (as of 7/14/2022)	SDWIS										
CA1000639	CALWEST RAIN - KERMAN	3	90	In Compliance (as of 7/14/2022)	SDWIS										
CA1000238	CAMDEN TRAILER PARK	26	75	In Compliance (as of 7/14/2022)	SDWIS										
CA1000580	CAMPOS BROS. FARMS	10	150	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/15/2022			X		150		
CA1000461	CARGILL MEAT SOLUTIONS CORPORATION	3	1,100	In Compliance (as of 7/14/2022)	SDWIS										
CA1010039	CARUTHERS COMM SERV DIST	746	2,503	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP, Arsenic	4/15/2022, 4/15/2022			X		2,503		
CA1000468	CARUTHERS RAISIN PACKING CO	10	150	In Compliance (as of 7/14/2022)	SDWIS										
CA1000104	CENTERVILLE SCHOOL	11	375	In Compliance (as of 7/14/2022)	SDWIS										
CA1000560	CENTRAL CA ALMOND GROWERS ASSN	7	40	In Compliance (as of 7/14/2022)	SDWIS										
CA1000217	CENTRAL HIGH SCHOOL WEST	10	1,127	Out of Compliance	SDWIS	MCL	Hexavalent Chromium	11/2/2016			Х		1,127		





PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminan
				(as of 7/14/2022)											
CA1000442	CHERRY AUCTION	8	7,000		SDWIS	MON	Coliform	6/10/2021				Х	7,000		
CA1000534	CHOOLJIAN BROS PACKING CO	1	30		SDWIS										
CA1000457	CHURCH OF THE REDEEMER	2	120	In Compliance (as of 7/14/2022)	SDWIS										
CA1010003	CITY OF CLOVIS	37,474	120,891	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	9/15/2018				Х	120,891		
CA1010006	CITY OF FOWLER	1,920	6,600	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/18/2022			Х		6,600		
CA1010007	CITY OF FRESNO	136,972	541,990	In Compliance (as of 7/14/2022)	SDWIS										
CA1010023	CITY OF ORANGE COVE	1,705	9,780	In Compliance (as of 7/14/2022)	SDWIS										
CA1010025	CITY OF PARLIER	2,663	15,286	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/18/2022			Х		15,286		
CA1010029	CITY OF SANGER	6,973	25,664	In Compliance (as of 7/14/2022)	SDWIS										



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		SDWIS DWW)	SDWIS DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminan
CA1000315	CLAY JOINT ELEMENTARY SCHOOL	5	275	In Compliance (as of 7/14/2022)	SDWIS										
CA1000511	CROSSOVER COMMUNITY CHURCH	1	80	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Nitrate	3/4/2022				X	80		
CA5410001	CUTLER PUD	1,218	6,200	In Compliance (as of 7/14/2022)	SDWIS										
CA1010024	CWS - SELMA	6,078	26,062	In Compliance (as of 7/14/2022)	SDWIS										
CA1000488	DANTE CLUB OF FRESNO	1	240	In Compliance (as of 7/14/2022)	SDWIS										
CA5400553	DEL ORO TRAVER DISTRICT	199	660	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	1/22/2020			X		660		
CA1000057	DEL ORO WATER CO - METROPOLITAN DISTRICT	29	96	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Nitrate	4/18/2022	Х				96	96	
CA1010035	DEL REY COMMUNITY SERV DIST	312	1,500	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/18/2022			X		1,500		
CA1090005	DEL REY CSD WASTEWATER TREATMENT PLANT	0	0	In Compliance (as of 7/14/2022)	SDWIS										
CA5403023	DELFT COLONY WATER	99	454	In Compliance (as of 7/14/2022)	SDWIS										





PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance	Population Served by Currently Out-of-
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminar
CA1000625	DINO MART 1	2	25	In Compliance (as of 7/14/2022)	SDWIS										
CA5410002	DINUBA, CITY OF	6,226	26,305	Out of Compliance (as of 7/14/2022)	SDWIS	RPT		7/2/2020				Х	26,305		
CA1000620	DOLLAR GENERAL STORE #15320	1	250	In Compliance (as of 7/14/2022)	SDWIS										
CA1000430	DYCORA TRANSITIONAL LIVING	1	125	In Compliance (as of 7/14/2022)	SDWIS										
CA1000447	E&J GALLO WINERY	1	227	In Compliance (as of 7/14/2022)	SDWIS										
CA5401003	EAST OROSI COMMUNITY SERVICES DISTRICT	103	932	Out of Compliance (as of 7/14/2022)	SDWIS	Permit Violation, MCL	Nitrate	4/11/2022, 4/28/2022	Х			Х	932	932	
CA1000221	EASTON AUTHORITY JPA	23	1,000	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform	5/6/2019			Х		1,000		
CA1000626	EASTON BRANCH LIBRARY	2	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1000018	EASTON ESTATES WATER COMPANY	108	302		SDWIS	MON	1,2,3-TCP	8/14/2018				Х	302		
CA1000416	EASTON PRESBYTERIAN CHURCH	6	450	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	1/24/2022			X		450		





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		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminan
CA5400523	EL MONTE VILLAGE MHP	47	100	Out of Compliance (as of 7/14/2022)	SDWIS	RPT, MCL	1,2-DBCP	10/29/2018, 2/10/2022			Х	X	100		
CA1000277	ELM COURT	12	64	Out of Compliance (as of 7/14/2022)	SDWIS	RPT		1/15/2020				X	64		
CA1000230	EN-T-EM "ON THE RIVER"	1	30	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Coliform	9/10/2021				X	30		
CA5403084	FAIRWAY MUTUAL WATER CO	45	126	In Compliance (as of 7/14/2022)	SDWIS										
CA5403126	FAMILY EDUCATION CENTER	7	50	In Compliance (as of 7/14/2022)	SDWIS										
CA5403041	FAMILY TREE FARMS	3	30	Out of Compliance (as of 7/14/2022)	SDWIS	MCL, Public Notice, MCL	Nitrate, 1,2,3-TCP	11/16/2021, 4/11/2022		X		X	30		30
CA1000590	FCOE SCOUT ISLAND	1	105	In Compliance (as of 7/14/2022)	SDWIS										
CA1000096	FCPG/AVOCADO LAKE PARK	2		In Compliance (as of 7/14/2022)	SDWIS										
CA1000270	FCPG/CHOINUMNI CAMPGROUND	25	52	In Compliance (as of 7/14/2022)	SDWIS										
CA1000094	FCPG/KEARNEY PARK	25	103	In Compliance (as of 7/14/2022)	SDWIS										



PWS ID	PWS Name	Number of Connections (source: HR2W or	Population Served (source: HR2W or	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently	Population Served by Currently Out-of-	Population Served by Currently Out-of-
		SDWIS DWW)	SDWIS DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminan
CA1000097	FCPG/LOST LAKE RECREATION AREA	20	109	In Compliance (as of 7/14/2022)	SDWIS										
CA1000021	FCSA #05/WILDWOOD ISLAND	149	417	In Compliance (as of 7/14/2022)	SDWIS										
CA1000039	FCSA #10/CUMORAH KNOLLS	47	132	In Compliance (as of 7/14/2022)	SDWIS										
CA1000554	FCSA #10A/MANSIONETTE ESTATES	29	81	Out of Compliance (as of 7/14/2022)	SDWIS	MON, MCL	1,2,3-TCP, Nitrate	12/24/2018, 4/20/2022	X			X	81	81	
CA1000023	FCSA #14/BELMONT MANOR	41	115	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/20/2022			X		115		
CA1000471	FCSA #39 A&B	141	395	In Compliance (as of 7/14/2022)	SDWIS										
CA1000551	FCSA #43/RAISIN CITY	68	190	In Compliance (as of 7/14/2022)	SDWIS										
CA1000555	FCSA #44C/RIVERVIEW ESTATES	13	34	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	12/24/2018				X	34		
CA1000550	FCSA #44D/MONTE VERDI	124	344	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Hexavalent Chromium	4/3/2015				Х	344		
CA1010055	FCSA #47/QUAIL LAKE ESTATES	710	1,982	Out of Compliance (as of 7/14/2022)	SDWIS	MON, MCL	1,2,3-TCP, Coliform	1/2/2019, 5/2/2019			Х	X	1,982		





PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda		Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance	Population Served by Currently Out-of- Compliance
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA1010051	FCWWD #18/FRIANT	251	772	In Compliance (as of 7/14/2022)	SDWIS										
CA1000078	FCWWD #42/ALLUVIAL & FANCHER	104	291	In Compliance (as of 7/14/2022)	SDWIS										
CA1000566	FOSTER FARMS - CEDAR HATCHERY	2	35	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	2/24/2021			X		35		
CA5403114	FOSTER FARMS TRAVER FEEDMILL	2	85	In Compliance (as of 7/14/2022)	SDWIS										
CA1000462	FOUR BAR C FARMS	5	40	In Compliance (as of 7/14/2022)	SDWIS										
CA1000199	FOWLER CARE CENTER	1	46	In Compliance (as of 7/14/2022)	SDWIS										
CA1000480	FOWLER PACKING COMPANY	5	470	In Compliance (as of 7/14/2022)	SDWIS										
CA1000479	FRANZIA WINERY-SANGER	2		In Compliance (as of 7/14/2022)	SDWIS										
CA5403215	FRESH SELECT, LLC	1		In Compliance (as of 7/14/2022)	SDWIS										
CA1010057	FRESNO CITY WASTEWATER PLANT	18	190	In Compliance (as of 7/14/2022)	SDWIS										
CA1000406	FRESNO HMONG ALLIANCE CHURCH	5	55	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Coliform	3/25/2022			Х		55		





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		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA1010060	FACILITY	1	264	In Compliance (as of 7/14/2022)	SDWIS										
CA1000552	WITNESSES	2	170	In Compliance (as of 7/14/2022)	SDWIS										
CA1000541	FRESNO VALVES & CASTINGS	2	190	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	7/2/2018			X		190		
CA1000608	GERAWAN FRUIT PACKING	2	298	In Compliance (as of 7/14/2022)	SDWIS										
CA1000507	GILLETTE CITRUS COMPANY	5	74	In Compliance (as of 7/14/2022)	SDWIS										
CA5402047	GLEANINGS FOR THE HUNGRY	12	31	In Compliance (as of 7/14/2022)	SDWIS										
CA1000495	GOD'S FAMILY CHURCH	3	586	Out of Compliance (as of 7/14/2022)	SDWIS	RPT	CCR Report	8/10/2021				X	586		
CA1000362	GOLDEN STATE VINTNERS - FRESNO	1	41	In Compliance (as of 7/14/2022)	SDWIS										
CA5401076	GOLDEN STATE VINTNERS CUTLER	3	46	In Compliance (as of 7/14/2022)	SDWIS										
CA5400620	GRAND VIEW SCHOOL	9	400	In Compliance (as of 7/14/2022)	SDWIS										
CA1000571	GRANDE HALL AT THE GARDENS	2	302	In Compliance (as of 7/14/2022)	SDWIS										





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		SDWIS DWW)	SDWIS DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminant
CA1000185	GREAT WESTERN ELEMENTARY SCHOOL	1	411	In Compliance (as of 7/14/2022)	SDWIS										
CA1000229	GREEN ACRES MOBILE HOME ESTATE	113	350	In Compliance (as of 7/14/2022)	SDWIS										
CA1000383	GUARDIAN INDUSTRIES LLC	1	291	In Compliance (as of 7/14/2022)	SDWIS										
CA1000568	GURDWARA GUR NANAK PARKASH - FRESNO	5	150	In Compliance (as of 7/14/2022)	SDWIS										
CA1000526	HARRIS RANCH BEEF CO	2	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1000186	HELM SCHOOL	11	146	In Compliance (as of 7/14/2022)	SDWIS										
CA1000440	HMC GROUP COLD STORAGE	1	580	In Compliance (as of 7/14/2022)	SDWIS										
CA1000317	HOLLAND HULLING COMPANY	3	58	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Coliform	2/2/2021				Х	58		
CA1000557	HOLLAND PARK WEST	4	200	In Compliance (as of 7/14/2022)	SDWIS										
CA1000206	HOUGHTON-KEARNEY SCHOOL	4	310	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	12/30/2019			Х		310		
CA1000644	IMMANUEL SPORTS COMPLEX	5	25	Out of Compliance	SDWIS	MCL	Coliform	6/21/2019			Х		25		





	-4 Compliance Status for al								hemical						
PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda		Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance	Population Served by Currently Out-of- Compliance
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
				(as of 7/14/2022)											
CA1000187	INDIANOLA SCHOOL	10	511	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	6/30/2019			Х		511		
CA1600017	ISLAND UNION SCHOOL	17	416	In Compliance (as of 7/14/2022)	SDWIS										
CA1000176	J R SIMPLOT COMPANY	1	70	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform	1/7/2019			Х		70		
CA1000637	JEHOVAH'S WITNESSES CHURCH - REEDLEY	1	275	In Compliance (as of 7/14/2022)	SDWIS										
CA1000537	JOHNNY QUIK FOOD STORE #161	1	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1000453	JOHNNY QUIK STORE #149	3	50	In Compliance (as of 7/14/2022)	SDWIS										
CA1000520	JOSAN AND JOSAN, INC.	3	402	In Compliance (as of 7/14/2022)	SDWIS										
CA1000570	JUVENILE JUSTICE CAMPUS	15	400	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	1/2/2019				Х	400		
CA1010018	KERMAN, CITY OF	3,789	15,282	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP, Hexavalent Chromium	4/18/2022, 11/2/2016			Х		15,282		



PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA5403083	KING FRESH PACKING & COOLING	7	66	In Compliance (as of 7/14/2022)	SDWIS										
CA1000513	KINGDOM HALL OF JEHOVAH S WITNESSES	2	120	In Compliance (as of 7/14/2022)	SDWIS										
CA1000316	KINGS CANYON HIGH SCHOOL	1	120	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform, 1,2,3-TCP	5/1/2019, 12/30/2019			X		120		
CA5400548	KINGS INN MOTEL	3	231	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Coliform	3/3/2022				X	231		
CA1000295	KINGS PARK APARTMENTS	41	120	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Coliform	7/8/2021				Х	120		
CA5400624	KINGS RIVER ELEMENTARY SCHOOL	9	550	In Compliance (as of 7/14/2022)	SDWIS										
CA5400536	KINGS RIVER ESTATES MUTUAL WATER COMPANY	38	106	In Compliance (as of 7/14/2022)	SDWIS										
CA1000514	KINGS RIVER PACKING	2	350	In Compliance (as of 7/14/2022)	SDWIS										
CA1000629	KINGS RIVER WINERY	2	50	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Nitrate	3/4/2022				Х	50		
CA1010019	KINGSBURG, CITY OF	3,856	12,002	In Compliance (as of 7/14/2022)	SDWIS										





PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda	nce	Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA1000053	LANARE COMMUNITY SERVICES DIST	156	660	In Compliance (as of 7/14/2022)	SDWIS										
CA1000641	LARRY A SHEHADEY DAIRY	2	95	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	1/2/2019				X	95		
CA1010020	LATON COMMUNITY SERVICES DISTRICT	472	1,824	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform	9/3/2019			X		1,824		
CA1000189	LATON HIGH SCHOOL	2	210	In Compliance (as of 7/14/2022)	SDWIS										
CA1610700	LEMOORE NAVAL AIR STATION	1,396	14,000	In Compliance (as of 7/14/2022)	SDWIS										
CA1000486	LION RAISINS PACKING COMPANY	3	80	In Compliance (as of 7/14/2022)	SDWIS										
CA5410017	LONDON COMMUNITY SERV DIST	320	2,138	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	1/23/2020			X		2,138		
CA1000576	LONE STAR DEHYDRATOR	3	175	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Lead & Copper	3/4/2022				X	175		
CA1000190	LONE STAR SCHOOL	6	436	In Compliance (as of 7/14/2022)	SDWIS										
CA1000105	MADISON ELEMENTARY SCHOOL	8	900	In Compliance (as of 7/14/2022)	SDWIS										



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		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA1010042	MALAGA COUNTY WATER DISTRICT	462	5,979	In Compliance (as of 7/14/2022)	SDWIS										
CA1000324	MANNING GARDENS CARE CENTER INC	1	176	In Compliance (as of 7/14/2022)	SDWIS										
CA1000515	MICHELSEN PACKAGING	1	40	In Compliance (as of 7/14/2022)	SDWIS										
CA1000192	MONROE SCHOOL	3	200	In Compliance (as of 7/14/2022)	SDWIS										
CA5403212	MONSON WATER SYSTEM	32	140	In Compliance (as of 7/14/2022)	SDWIS										
CA1000630	MORAVIA WINES	2	50	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Nitrate	3/4/2022				Х	50		
CA1000193	NAVELENCIA SCHOOL	1	330	In Compliance (as of 7/14/2022)	SDWIS										
CA1000529	NEW HOPE COMMUNITY CHURCH	4	204	In Compliance (as of 7/14/2022)	SDWIS										
CA1000259	NEW HORIZONS MOBILE/RV PARK	77	82		SDWIS										
CA1000411	O'NEILL VINTNERS & DISTILLERS	2	90	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	12/30/2019			Х		90		
CA5410008	OROSI PUBLIC UTILITY DISTRICT	1,579	8,770	In Compliance (as of 7/14/2022)	SDWIS										





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		SDWIS DWW)	SDWIS DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminant
CA1000194	PACIFIC UNION ELEMENTARY SCHOOL	1	490	In Compliance (as of 7/14/2022)	SDWIS										
CA1009039	PAPPAS & CO (MENDOTA)	13	25	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Total Haloacetic Acids, TTHM	8/6/2021, 8/6//2021			X		25		
CA1000405	PIEDRA PARK ASSOCIATION	15	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1010026	PINEDALE COUNTY WATER DISTRICT	2,120	16,735	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	9/15/2018				X	16,735		
CA1000575	POINDEXTER NUT COMPANY	6	50	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Hexavalent Chromium	4/3/2015				X	50		
CA1000614	QUAIL LAKE COMMUNITY CHURCH	3	125	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform	8/30/2019			X		125		
CA1009120	RAU DAIRY	43	105	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	5/17/2018				Х	105		
CA1010027	REEDLEY, CITY OF	5,914	25,917	In Compliance (as of 7/14/2022)	SDWIS										
CA1000483	RIVER RANCH RAISINS	1	40	In Compliance (as of 7/14/2022)	SDWIS										
CA1000426	RIVERBEND MOBILE HOME & RV PARK	49	400	In Compliance (as of 7/14/2022)	SDWIS										





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		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminan
CA1010028	RIVERDALE PUBLIC UTILITY DISTRICT	928	3,145	In Compliance (as of 7/14/2022)	SDWIS										
CA5400929	RIVERLAND RESORT	137	124	In Compliance (as of 7/14/2022)	SDWIS										
CA1000196	RIVERVIEW SCHOOL	1	469	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	4/9/2021			Х		469		
CA5401094	RJ'S TRAVEL CENTER	1	103	In Compliance (as of 7/14/2022)	SDWIS										
CA1000459	ROAD RUNNER FOOD AND FUEL	1	300	In Compliance (as of 7/14/2022)	SDWIS										
CA1000208	ROOSEVELT ELEMENTARY SCHOOL	12	370	In Compliance (as of 7/14/2022)	SDWIS										
CA1000200	RUBYS VALLEY CARE HOME	1	75	In Compliance (as of 7/14/2022)	SDWIS										
CA1000399	SAF-T-CAB	3	110	In Compliance (as of 7/14/2022)	SDWIS										
CA1010034	SAN JOAQUIN, CITY OF	730	4,060	In Compliance (as of 7/14/2022)	SDWIS										
CA1000601	SCHOOL HOUSE RESTAURANT AND TAVERN	3	203	In Compliance (as of 7/14/2022)	SDWIS										
CA1000545	SELMA EXXON TIGER MART	8	203	In Compliance (as of 7/14/2022)	SDWIS										



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		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA1000367	SELMA HIGH SCHOOL	21	2,225	In Compliance (as of 7/14/2022)	SDWIS										
CA1000635	SELMA QUICK STOP	1	50	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Nitrate	3/4/2022				X	50		
CA5400550	SEVILLE WATER COMPANY	90	691	In Compliance (as of 7/14/2022)	SDWIS										
CA1000244	SHADY LAKES MOBILE HOME PARK	65	160	Out of Compliance (as of 7/14/2022)	SDWIS	RPT	Lead Service Line	9/24/2018				Х	160		
CA1000592	SHANT BHAVAN PUNJABI FUNERAL HOME	1	250	In Compliance (as of 7/14/2022)	SDWIS										
CA1000599	SHERWOOD FOREST GOLF CLUB	1	80	In Compliance (as of 7/14/2022)	SDWIS										
CA1000247	SHERWOOD FOREST MHP	48	75	In Compliance (as of 7/14/2022)	SDWIS										
CA5400917	SHOP N GO	1	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1000586	SJRP COKE HALLOWELL CENTER	3	39	In Compliance (as of 7/14/2022)	SDWIS										
CA1000562	SOUTHWEST TRANSPORTATION AGENCY	2	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1000502	ST JUDE CATHOLIC CHURCH	3	99	In Compliance (as of 7/14/2022)	SDWIS										





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		SDWIS DWW)	SDWIS DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminant
CA5400824	SULTANA CSD	249	779	In Compliance (as of 7/14/2022)	SDWIS										
CA1000201	SUN EMPIRE SCHOOL	10	780	In Compliance (as of 7/14/2022)	SDWIS										
CA1000381	SUN MAID GROWERS OF CALIFORNIA	1	750	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP, Lead & Copper	12/24/2018, 3/4/2022				X	750		
CA1000366	SUNNYSIDE CONVALESCENT HOSP	2	275	In Compliance (as of 7/14/2022)	SDWIS										
CA1000378	SUNSET WEST COMMUNITY LLC	159	350	In Compliance (as of 7/14/2022)	SDWIS										
CA1000634	SUPER DRIVE IN	1	50	In Compliance (as of 7/14/2022)	SDWIS										
CA1000492	TABERNACLE OF PRAISE CHURCH	4	200	In Compliance (as of 7/14/2022)	SDWIS										
CA5403213	TEEN CHALLENGE	13	110	In Compliance (as of 7/14/2022)	SDWIS										
CA1000198	TERRY SCHOOL	25	236	In Compliance (as of 7/14/2022)	SDWIS										
CA1000485	TESSENDERLO KERLEY INC	9	70	In Compliance (as of 7/14/2022)	SDWIS										
CA1000533	THREE CROWNS INDUSTRIAL PARK, INC.	24	25	In Compliance (as of 7/14/2022)	SDWIS										



PWS ID	PWS Name	Number of Connections (source: HR2W or SDWIS	Population Served (source: HR2W or SDWIS	Compliance Status [1]	Compliance Status Source	Violation Type (SDWIS DWW)	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)		MCL Exceeda		Non- MCL Violation	Total Population Served by Currently Out-of-	Population Served by Currently Out-of- Compliance	Population Served by Currently Out-of- Compliance
		DWW)	DWW)						Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Compliance System due to any Violation	System due to Nitrate As the Only Contaminant	System due to Nitrate PLUS Co- Contaminant
CA1000299	THREE PALMS MOBILEHOME PARK	105	300	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	1,2,3-TCP	12/30/2019			Х		300		
CA1000075	TRACT 1199 WATER SYSTEM	10	25	In Compliance (as of 7/14/2022)	SDWIS										
CA1010030	TRANQUILLITY IRRIGATION DISTRICT	340	897	In Compliance (as of 7/14/2022)	SDWIS										
CA1000553	TRINITY PRESBYTERIAN CHURCH	3	450	In Compliance (as of 7/14/2022)	SDWIS										
CA1000584	TRUE ORGANIC PRODUCTS	4	40	In Compliance (as of 7/14/2022)	SDWIS										
CA1000279	U.C. KEARNEY FIELD STATION	29	250	In Compliance (as of 7/14/2022)	SDWIS										
CA5403011	USA PETRO SUPER STOP	2	200	In Compliance (as of 7/14/2022)	SDWIS										
CA1000467	USA WASTE OF CALIFORNIA	6	50	In Compliance (as of 7/14/2022)	SDWIS										
CA1000565	USDA AGRICULTURAL RESEARCH SERVICE	27	130	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Coliform	6/28/2019			Х		130		
CA1000593	VIE-DEL COMPANY	2	60	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	7/10/2021				X	60		





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									Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation		Compliance System due to Nitrate PLUS Co- Contaminant
CA1000454	VIKING RV PARK	50	86	In Compliance (as of 7/14/2022)	SDWIS										
CA5403046	VISALIA CITRUS PACKING GROUP-ORANGE COVE	7	78	Out of Compliance (as of 7/14/2022)	SDWIS	Public Notice		10/22/2021				Х	78		
CA5400526	WESPAK, INC.	6	53	Out of Compliance (as of 7/14/2022)	SDWIS	MCL	Nitrate, 1,2,3-TCP	4/26/2022, 6/1/2022		X			53		53
CA1000578	WEST TECH INDUSTRIAL PARK	16	42	Out of Compliance (as of 7/14/2022)	SDWIS	MON	1,2,3-TCP	1/10/2019				X	42		
CA5403201	WIEBE FARMS	1	35	In Compliance (as of 7/14/2022)	SDWIS										
CA1000389	WILD WATER ADVENTURES	11	3,000	In Compliance (as of 7/14/2022)	SDWIS										
CA1000482	WOLF LAKES PARK	5	311	In Compliance (as of 7/14/2022)	SDWIS										
CA1000298	WOODWARD BLUFFS MHP	172	300	In Compliance (as of 7/14/2022)	SDWIS										
CA5403043	YETTEM WATER SYSTEM	66	350	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Coliform	1/29/2021				Х	350		
CA1000369	ZONNEVELD DAIRY - CEDAR	15	70	Out of Compliance (as of 7/14/2022)	SDWIS	MON	Lead & Copper	3/4/2022				Х	70		



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									Nitrate	Nitrate PLUS Co- Contaminant	Other Contaminant		Out-of- Compliance System due to any Violation	Compliance System due to Nitrate As the Only Contaminant	Compliance System due to Nitrate PLUS Co- Contaminant
CA1000627	ZONNEVELD DAIRY - CERINI	17	48	In Compliance (as of 7/14/2022)	SDWIS										
Public Water	Systems in the KWA Southern	Portion													
CA1610007	HOME GARDEN CSD	467	1,750	Out of Compliance (as of July 14, 2022)	SDWIS	MON, MON	Nitrate, Lead & Copper	4/1/2019, 2/9/2022				Х	1,750		
CA1510046	LOST HILLS UTILITY DISTRICT	443	2,412	In Compliance (as of July 14, 2022)											
CA1600507	HARDWICK WATER COMPANY	20	69	In Compliance (as of July 14, 2022)											
CA1610009	KETTLEMAN CITY CSD	354	1,450	In Compliance (as of July 14, 2022)											
CA1600293	CHAMPIONS- SAMUEL'S HOUSE	3	50	In Compliance (as of July 14, 2022)											
CA1610004	CORCORAN, CITY OF	3,442	21,835	In Compliance (as of July 14, 2022)											
CA1610006	STRATFORD PUD	364	1,277	In Compliance (as of July 14, 2022)											
CA1610001	ARMONA COMMUNITY SERVICES DIST	1,246	4,143	In Compliance (as of July 14, 2022)											
CA1610005	LEMOORE, CITY OF	7,238	26,093	Out of Compliance (as of July 14, 2022)							Х		26,093		
CA1610003	HANFORD, CITY OF	17,879	17,626	Out of Compliance							Χ		17,626		





Table E	-4 Compliance Status for al	Number of Connections (source: HR2W or SDWIS DWW)	Population Served (source: HR2W or SDWIS DWW)		Compliance Status Source	Violation Chemical(s) (SDWIS DWW)	Most Recent Date of Violation (SDWIS DWW Determination Date)			Non- MCL Violation	Total Population Served by Currently Out-of- Compliance	Population Served by Currently Out-of- Compliance System due to Nitrate As the Only Contaminant	Population Served by Currently Out-of- Compliance System due to Nitrate PLUS Co-	
				(as of July 14,								violation	Contaminant	Contaminant
				2022)										

