



**COMMUNITIES THAT RELY ON A CONTAMINATED
GROUNDWATER SOURCE FOR DRINKING WATER**

STATE WATER RESOURCES CONTROL BOARD

REPORT TO THE LEGISLATURE

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ABBREVIATIONS AND ACRONYMS

| | |
|-----------|-------------------------------------------------------------------------------------|
| 1,2,3-TCP | 1,2,3-Trichloropropane |
| AB 2222 | Assembly Bill 2222 (Caballero, Chapter 670, Statutes of 2008) |
| ARRA | American Recovery and Reinvestment Act of 2009 |
| CDPH | California Department of Public Health |
| COC | Constituent of Concern |
| Cr-6 | Hexavalent Chromium |
| DBCP | 1,2-Dibromo-3-chloropropane |
| DDWEM | CDPH Division of Drinking Water and Environmental Management |
| DLR | Detection Limit for Purposes of Reporting |
| DPR | Department of Pesticide Regulation |
| DWR | Department of Water Resources |
| GAMA | Groundwater Ambient Monitoring and Assessment |
| HSC | California Health and Safety Code |
| IRWM | Integrated Regional Water Management |
| MCL | Maximum Contaminant Level |
| mg/L | milligrams per liter (parts per million) |
| NDMA | N-Nitrosodimethylamine |
| NL | CDPH Notification Level |
| OEHHA | Office of Environmental Health Hazard Assessment |
| PCE | Tetrachloroethylene |
| PICME | DDWEM Permits, Inspections, Compliance, Monitoring and Enforcement (PICME) database |

ABBREVIATIONS AND ACRONYMS (cont.)

| | |
|----------------|--------------------------------------------------------------------------------------------------------|
| POE | Point-of-Entry |
| POU | Point-of-Use |
| Proposition 50 | Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 |
| Proposition 84 | Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act of 2006 |
| SRF | State Revolving Fund (Safe Drinking Water) |
| SWRCB | State Water Resources Control Board |
| TCE | Trichloroethylene |
| µg/L | micrograms per liter (parts per billion) |
| USEPA | United States Environmental Protection Agency |
| USGS | United States Geological Survey |
| USTCF | Underground Storage Tank Cleanup Fund |
| UV | Ultraviolet light |

EXECUTIVE SUMMARY

AB 2222 (Caballero, Chapter 670, Statutes of 2008) requires the State Water Resources Control Board to submit a report to the Legislature that identifies: 1) communities in California that rely on contaminated groundwater as a primary source of drinking water; 2) the principal contaminants and other constituents of concern; and 3) potential solutions and funding sources to clean up or treat groundwater or provide alternative water supplies.

A “community,” for the purposes of this report, is defined as a Community Public Water System (Health and Safety Code Section 116395). When this report refers to communities that rely on a contaminated groundwater source, it is referring to community public water systems that draw water from a contaminated groundwater source prior to any treatment. Over 95 percent of the 38 million Californians get their drinking water from a public water system. The findings in this report do not reflect private domestic wells or other unregulated water systems since the state does not require these groundwater users to sample their wells, and consequently a comprehensive database for these groundwater sources does not exist.

This report identifies 680 community water systems that, prior to any treatment, relied on a contaminated groundwater source during the most recent California Department of Public Health (CDPH) compliance cycle (2002-2010). It is important to note that, according to CDPH, over 98% of Californians on public water supply are served safe drinking water. Although many water suppliers draw from contaminated groundwater sources, most suppliers are able to treat the water or blend it with cleaner supplies before serving it to the public. Consequently, when this report refers to communities that rely on contaminated groundwater, it is referring to community public water systems that draw water from one or more contaminated groundwater wells prior to any treatment or blending.

Some community water systems, however, cannot afford treatment or lack alternative water sources, and have served water that exceeds a public drinking water standard. Of the 680 community water systems that rely on a contaminated groundwater source, 265 have served water that exceeded a public drinking water standard during the most recent CDPH compliance cycle (2002-2010).

For this report, a “principal contaminant” is defined as a chemical detected above a public drinking water standard on two or more occasions between 2002 and 2010. The ten most frequently detected principal contaminants are summarized in the table on the next page.

| Ten Most Frequently Detected Principal Contaminants | | | |
|----------------------------------------------------------------------------------------------------|------------------------|------------------------------------------|--------------------------------------|
| Principal Contaminant | Number of Wells | Number of Community Water Systems | Type of Contaminant |
| Arsenic | 587 | 287 | Naturally occurring |
| Nitrate | 451 | 205 | Anthropogenic nutrient ¹ |
| Gross alpha activity | 333 | 182 | Naturally occurring |
| Perchlorate | 179 | 57 | Industrial/military use ¹ |
| Tetrachloroethylene (PCE) | 168 | 60 | Solvent |
| Trichloroethylene (TCE) | 159 | 44 | Solvent |
| Uranium | 157 | 89 | Naturally occurring |
| 1,2-dibromo-3-chloropropane (DBCP) | 118 | 36 | Legacy pesticide |
| Fluoride | 79 | 41 | Naturally occurring |
| Carbon tetrachloride | 52 | 17 | Solvent |
| Notes: 1. Also can be naturally occurring, but typically at levels below maximum contaminant level | | | |

Potential solutions to address contaminated groundwater sources fall into three categories: pollution prevention, cleanup, and alternative water supplies or treatment. Where pollution prevention and cleanups are not feasible, the focus should be on providing safe drinking water through alternative water supplies or treatment. Public funding for alternative water supplies or treatment is limited, and is non-existent for private domestic well users or other water systems not regulated by the state.

INTRODUCTION

This report has been prepared pursuant to the requirements of AB 2222 (Caballero, Chapter 670, Statutes of 2008) which requires the State Water Resources Control Board (State Water Board), in consultation with the California Department of Public Health (CDPH), Department of Water Resources (DWR), Department of Pesticide Regulation (DPR), Office of Environmental Health Hazard Assessment (OEHHA), and other appropriate agencies, to submit a report to the Legislature that identifies:

- Communities that rely on contaminated groundwater as a primary source of drinking water.
- Principal contaminants, other constituents of concern (COCs), and contamination levels affecting groundwater.
- Potential solutions and funding sources to clean up or treat groundwater, or to provide alternative water supplies, to ensure the provision of safe drinking water.

BACKGROUND

CDPH estimates that 85 percent of California's community public water systems¹ (community water systems), supplying more than 30 million residents, rely on groundwater for at least part of their drinking water supply. California's reliance on groundwater increases during times of drought and will continue to increase with the growing demand from municipal, agricultural, and industrial sources. Changes in surface water availability resulting from possible global climate change may further increase the role of groundwater in California's future water budget. Due to California's reliance on groundwater, and because many community water systems are entirely reliant on groundwater for their drinking water supply, contamination of this resource can have far-reaching consequences.

Many groundwater basins throughout California are contaminated with either naturally occurring or anthropogenic pollutants, or both. As a result, many community water systems in the state incur significant costs to remove the contaminants from the groundwater before serving it to their customers as drinking water. According to CDPH estimates, over 98 percent of Californians using a public water supply receive safe drinking water that meets all public health standards, even though some groundwater sources may contain elevated concentrations of contaminants. This estimate does not include the percentage of people who rely on private domestic wells and other drinking water sources not regulated by the state, since data on the quality of that drinking water does not exist or is not available in a publicly accessible database.

When a groundwater source is contaminated, community water systems must use costly treatment systems to ensure that the water is safe to drink. Where treatment and

¹ A community public water system (community water system) serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents. Community water systems are regulated by CDPH.

alternative water supplies are not available, some community water systems serve contaminated groundwater until a solution is implemented.

Small community water systems typically lack the infrastructure and economies of scale of larger water systems, and in some cases cannot afford to treat or find alternative supplies for a contaminated drinking water source. As a result, small community water systems may be more vulnerable to serving contaminated groundwater to their customers than larger water systems.

In addition, approximately 2 million Californians rely on groundwater from either private domestic wells or other groundwater-reliant systems not regulated by the state. Many of these well owners are unaware of the quality of their well water, because the state does not require them to test their water quality.

Contamination of the state's groundwater resources results in higher costs for ratepayers and consumers due to the necessity of additional treatment and can pose a threat to public health for community water systems that cannot afford the necessary treatment systems. Identification of community water systems that rely on a contaminated groundwater source may help focus available efforts and resources to ensure the provision of safe drinking water. This report identifies community water systems that rely on a contaminated groundwater source for drinking water. This report also includes information on principal contaminants, COCs, contamination levels, potential solutions, and funding sources to clean up, treat, or provide alternative water supplies to ensure the provision of safe drinking water.

This report is not a CDPH compliance report. The most recent CDPH compliance reports are available here:

<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Publications.aspx>.

Data Included in this Report

The State Water Board used public water quality data and information available in the CDPH Division of Drinking Water and Environmental Management's water quality monitoring database (hereafter referred to as the CDPH database) to develop this report. The CDPH database is the largest source of drinking water quality data in the state. These data are also publicly available on the State Water Board's GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) groundwater information system <http://geotracker.waterboards.ca.gov/gama>. The CDPH database includes analytical water quality data for all community water system drinking water sources. Compliance data was obtained from CDPH using the Permits, Inspections, Compliance, Monitoring, and Enforcement (PICME) system information database <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/EDTlibrary.aspx>.

This report only includes data from community water system sources that were active during the most recent CDPH compliance cycle (January 1, 2002 through December 31, 2010). Furthermore, the data analysis only considered water samples collected from two types of sources:

- Active Raw: Groundwater sampled directly from the well.
- Active Untreated: Groundwater sampled at a point between the well and a treatment system.

Both types of samples are characteristic of ambient, raw groundwater that is used for drinking water. It is important to note that these data do not reflect the quality of water that is served to the public, which is typically treated prior to delivery.

Water Systems or Data Not Evaluated

This report does not evaluate certain types of systems and contaminants for which data is not available, or where the data does not come from a community water system. The types of systems and information that are not included, as well as the rationale for exclusion and limitations associated with those systems and data, are summarized below.

State and Local Small Systems: Water quality data for “state small” systems (systems serving less than 25 people a year, with 5 to 14 service connections) and local small systems (systems serving less than 25 people per year, with two to four service connections). These systems are regulated at a local level and as a result, the data are not available in a readily accessible database.

Private Domestic Wells:

A comprehensive water quality database for domestic wells does not exist. The state does not regulate the quality of private domestic well water, and does not require private domestic well owners to test for water quality. Because the state lacks comprehensive data on these wells, they are excluded from this report.

For information purposes only, some data have been collected by the State Water Board’s GAMA Domestic Well Project and are discussed in Appendix 2.3.

In addition, DPR conducts groundwater monitoring for a wide variety of pesticides. The DPR dataset includes groundwater samples collected from public supply wells, irrigation wells, and domestic wells, although the DPR dataset primarily includes shallow domestic wells in areas where pesticides are used. The DPR data are available to the public from DPR or through the GeoTracker GAMA groundwater information system.

Non-community Systems: Transient non-community water systems, such as rest stops, gas stations, and campgrounds, do not serve the same group of people over time. Another excluded system type is a non-transient non-community water system that serves a similar group of people, but does not serve them year round. An example is a school with its own water system. There are over 13,000 schools in California, the vast majority of which are connected to a community water system. However, approximately 420 schools are not connected to a community water system and rely on their own well for water supply. These school water systems are classified as “non-transient non-community” and, as a result, do not meet the definition of community water system used in this report. Although data on these school systems are not included here, information

is available to the public on the internet at the GeoTracker GAMA groundwater information system or directly from CDPH.

Bacteriological Information: Community water systems are required to rigorously test for bacteria since they are a health concern. However, water samples for bacteria are primarily collected within the distribution system, and are not collected from raw groundwater. For instance, the bacteriological data available in the CDPH database constitutes compliance-related reporting that reflects the quality of the water within the distribution system. In addition, most of the compliance-related reports are for total coliform bacteria that naturally occur in soil and groundwater. Total coliform bacteria, while indicative of possible contamination between a well and the surface, does not demonstrate whether groundwater in the aquifer is contaminated.

In 2009, CDPH adopted by reference the Federal Groundwater Rule that provides increased protection against bacteria in drinking water. Where total coliform tests positive as a result of routine sampling, a community water system will be required to conduct a monitoring program at the source. These data will be available as part of the CDPH database in the future.

Definitions Used in this Report

AB 2222 (Caballero, Chapter 670, Statutes of 2008) includes several terms and phrases that do not have statutory or regulatory definition. The definitions used by the State Water Board for these terms and phrases are provided below.

Community Water System: A public water system that serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents (California Health and Safety Code § 116395). Community water systems serve the same group of people, year round, from the same group of water sources.

Groundwater Reliant Community: A community water system that gets at least part of its drinking water from a groundwater source. For the purposes of this report, a community water system with at least one active drinking water well is considered a groundwater-reliant community. Even if a community gets the majority of its drinking water from surface water, there may be parts of that community that are 100 percent reliant on groundwater wells for drinking water. Furthermore, the relative dependence on a well can change based on seasonal precipitation, time of the year, or changing use patterns. Appendix 8 includes information on which community water systems are 100 percent groundwater reliant, those that are 50 to 99 percent groundwater reliant, and those that are less than 50 percent groundwater reliant.

Active Well: A well that was being used to provide drinking water to a community public water system at the time that this report was being drafted (October 2011), and was also sampled two or more times during the most recent CDPH compliance cycle (2002-2010).

Maximum Contaminant Level (MCL): MCLs are health-based protective drinking water standards developed by CDPH which public drinking water systems are required to meet. MCLs take into account the health risk, detectability, treatability, and costs-of-treatment associated with a chemical. Please note that MCLs are used in two ways in this report: to help define a principal contaminant (as explained below) and to help identify community water systems that have served contaminated groundwater to their customers.

Principal Contaminant: A chemical detected in a groundwater source sample above a primary MCL on two or more occasions during the most recent CDPH compliance cycle (2002-2010).

Constituents of Concern: A chemical detected in a groundwater source above a CDPH Notification Level two or more times during the most recent CDPH compliance cycle (2002-2010).

Notification Levels are health-based advisory levels established by CDPH for chemicals in drinking water that lack or do not yet have an MCL. Not every community water system collects samples for constituents with a Notification Level, and as a result, the findings in this report may not capture the full distribution of these contaminants in California's groundwater used for drinking.

Contaminated Groundwater Source: A well where a principal contaminant was detected above an MCL on two or more occasions during the most recent CDPH compliance cycle (2002-2010).

Community that Relies on a Contaminated Groundwater Source for Drinking Water: A community water system where a principal contaminant was detected in an active raw or active untreated drinking-water well, at a concentration above an MCL on two or more occasions during the most recent CDPH compliance cycle (2002-2010). It is important to note that although many water suppliers draw from contaminated groundwater sources, most suppliers are able to treat the water or blend it with cleaner supplies before serving it to the public. Consequently, when this report refers to "communities that rely on a contaminated groundwater source for drinking water", it is referring to community public water systems that draw water from one or more contaminated groundwater wells prior to any treatment or blending. According to CDPH, over 98% of Californians on public water supply are served safe drinking water.

The methods used to identify communities that rely on a contaminated groundwater source for drinking water are outlined in Appendix 1.

SUMMARY OF FINDINGS

The summary below provides a brief description of the findings of this study. A more detailed description of these findings is included in Appendices 1 through 8.

Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

This study identified a total of 2,584 community water systems in California that rely on groundwater as a primary source of drinking water. There are 8,396 active wells that are associated with these groundwater-reliant community water systems.

This study identified 680 community water systems that rely on a contaminated groundwater source. It is important to note that over 98% of Californians using a public water supply receive safe drinking water that meets all health standards. Although many water suppliers draw from contaminated groundwater sources, most of them are able to treat the water or blend the contaminated water with cleaner water before serving it to the public.

There are 1,659 active wells where contamination was detected that are associated with these 680 community water systems. Figure 1 shows the 15 counties (out of the 58 counties in California) with the greatest number of community water systems that rely on contaminated groundwater sources.

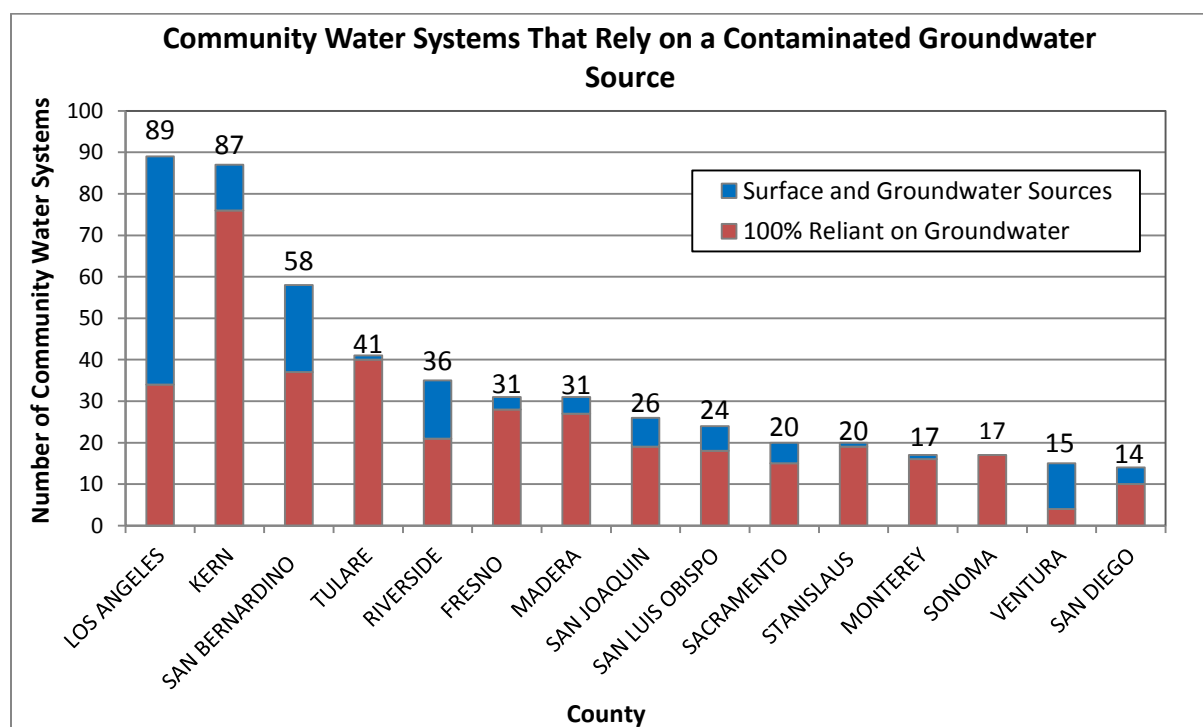


Figure 1: Top 15 Counties with the Greatest Number of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

Of the 680 community water systems that rely on a contaminated groundwater source, 507 systems (75 percent) rely entirely on groundwater. Community water systems that are entirely reliant on groundwater may be highly vulnerable to groundwater

contamination, since these community water systems may not have alternative, uncontaminated sources of water. A complete list and additional information on the 680 community water systems that rely on a contaminated groundwater source can be found in Appendix 1 and Appendix 8.

It is important to note that these findings reflect raw, untreated groundwater quality and not necessarily the quality of the water that is eventually served to the public.

Community water systems that rely on contaminated groundwater typically treat their well water before it is delivered and consumed. However, in some cases, when a community cannot afford treatment or alternative sources of water are not available, contaminated water is served to the public until a solution is implemented.

CDPH provided a list of community water systems that have received a drinking water quality violation (above the MCL) during the most recent compliance cycle (2002-2010). Of the 680 community water systems that rely on a contaminated groundwater source for drinking water, 265 systems have received a notice of an MCL violation from the CDPH during this period. These community water systems are identified in Appendix 4.

The locations of the 8,396 active wells used by groundwater-reliant community water systems in California are shown in Figure 2. The locations of the 1,659 wells where contaminated groundwater was detected are shown in Figure 3.

Population that Relies on a Contaminated Groundwater Source for Drinking Water

CDPH provides estimates for the population served by each community water system in the state. These population estimates were compiled to understand better the number of people that rely on a contaminated groundwater source (see Appendix 1, Tables 1.3 and 1.4). In total, the 680 community water systems that rely on a contaminated groundwater source serve nearly 21 million people. As discussed previously, the phrase “communities that rely on a contaminated groundwater source for drinking water” is referring to community public water systems that draw water from one or more contaminated groundwater wells prior to any treatment or blending. Most water suppliers are able to treat the contaminated water source or to blend it with cleaner sources of drinking water before distributing it to the public.

Twenty-five percent of the 680 community water systems use surface water in addition to groundwater for their drinking water supply and may be more able to mix water sources to dilute the level of contaminants to a level below the MCL or rely on alternative water supplies when groundwater is contaminated. The community water systems that do not use surface water and are 100 percent reliant on contaminated groundwater serve an estimated 4.1 million people. Many of the community water systems that are 100 percent reliant on groundwater are located in rural areas of the state (see Appendix 1).

In terms of population, many more people are served by community water systems using mixed sources (groundwater and surface water) than those that only use groundwater for drinking. For example, there are 89 community water systems in Los Angeles County that serve approximately 8.4 million people. However, only 11 percent

of that population is solely reliant on a contaminated groundwater source. In contrast, Tulare County has 41 community water systems that rely on contaminated groundwater source that serve approximately 205,000 people. Sole reliance on groundwater for these communities stands at 99 percent.

Rural community water systems often tend to be small (serving less than 3,300 people), and the vast majority are 100 percent reliant on a contaminated groundwater source for drinking water. Small rural community water systems, especially those that are low income and experience greater difficulty in obtaining funding solutions, tend to have more physically vulnerable infrastructure and may experience a persistent contamination problem. Larger community water systems may be better able to afford treatment or alternative supply solutions.

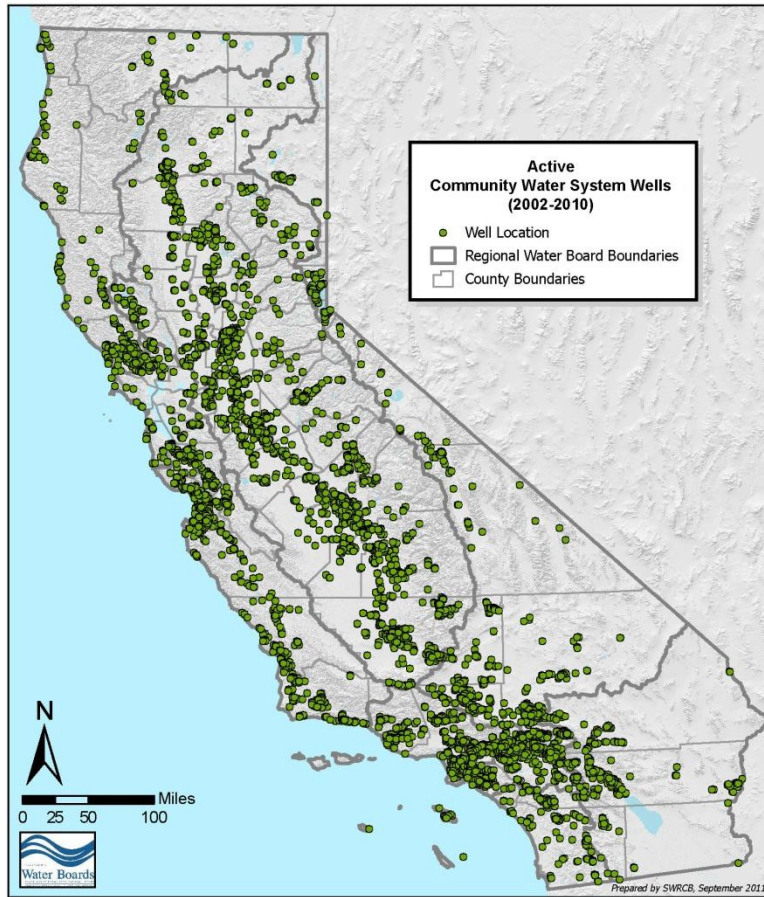


Figure 2: Active Community Water System Wells Sampled Two or More Times between 2002 and 2010 (8,396 Wells / 2,584 Community Water Systems)

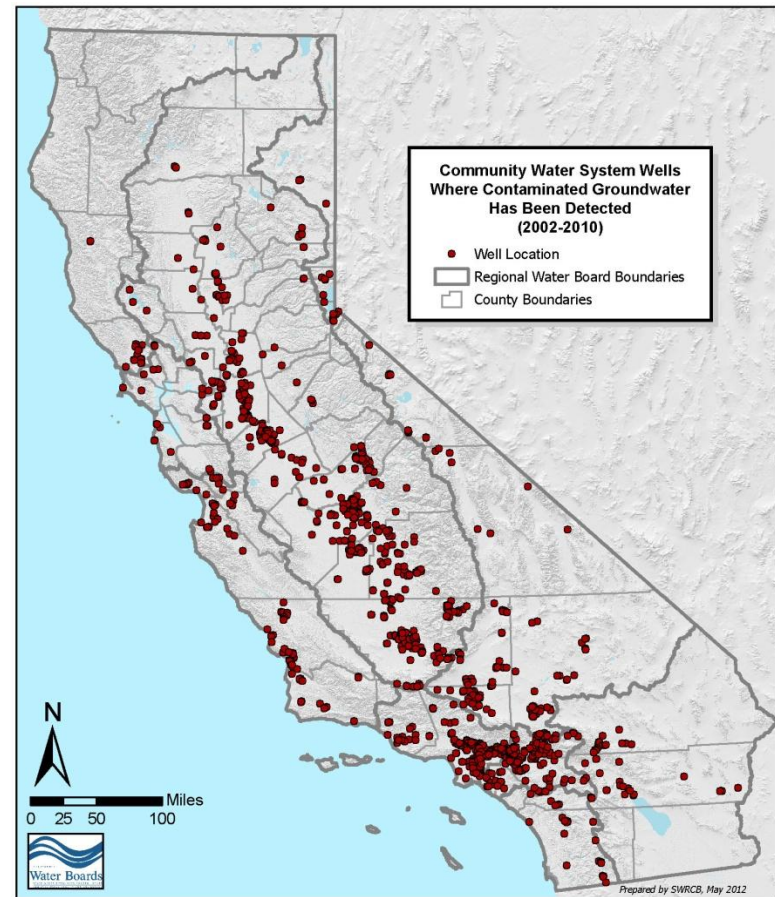


Figure 3: Active Community Water System Wells Where Contaminated Groundwater Has Been Detected Above an MCL Two or More Times between 2002 and 2010 (1,659 Wells / 680 Community Water Systems)

Principal Contaminants

Thirty-one principal contaminants were identified in the community water systems that rely on a contaminated groundwater source (see Figure 4).

The ten most frequently detected principal contaminants (summarized in Table 1) were found in over 90 percent of the active contaminated groundwater sources (wells) identified in this report. Both naturally occurring and anthropogenic principal contaminants were identified (see Figure 4). Approximately 70 percent of the wells were characterized by only one detected principal contaminant.

Information on contaminant levels, the number of detections above the MCL, the date of the most recent detection above the MCL, maximum concentrations, average concentrations, and maps displaying the distribution of principal contaminants, are provided in Appendix 2.

Some principal contaminants were more frequently detected within certain regions of the state, while other principal contaminants were found statewide. Maps showing the distribution of principal contaminants in community water systems are provided in Appendix 2. The number of community water systems where a principal contaminant was detected is shown in Figure 5.

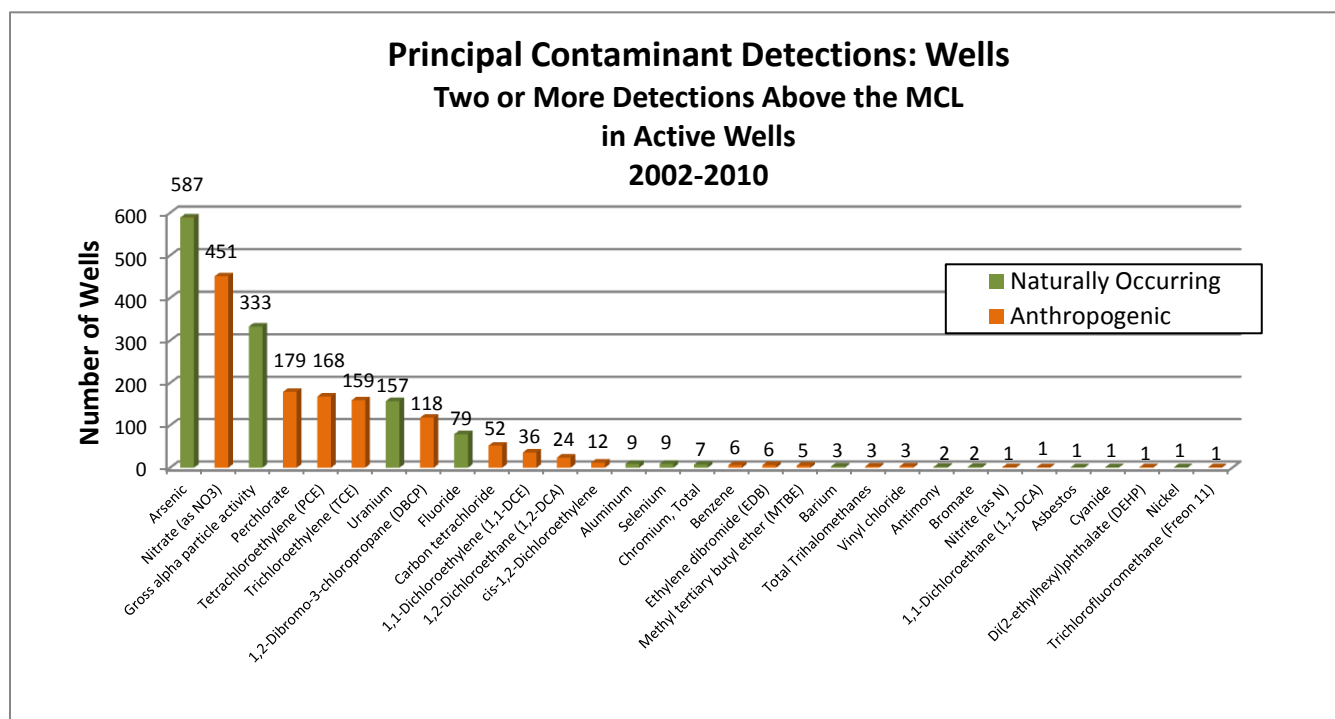


Figure 4: Principal Contaminant Detections in Active Community Water System Wells

Table 1: Ten Most Frequently Detected Principal Contaminants

| Principal Contaminant | Number of Wells | Number of Community Water systems | Type of Contaminant |
|------------------------------------|-----------------|-----------------------------------|--------------------------------------|
| Arsenic | 587 | 287 | Naturally occurring |
| Nitrate | 451 | 205 | Anthropogenic nutrient ¹ |
| Gross alpha activity | 333 | 182 | Naturally occurring |
| Perchlorate | 179 | 57 | Industrial/military use ¹ |
| Tetrachloroethylene (PCE) | 168 | 60 | Solvent |
| Trichloroethylene (TCE) | 159 | 44 | Solvent |
| Uranium | 157 | 89 | Naturally occurring |
| 1,2-dibromo-3-chloropropane (DBCP) | 118 | 36 | Legacy pesticide |
| Fluoride | 79 | 41 | Naturally occurring |
| Carbon tetrachloride | 52 | 17 | Solvent |

Notes:

1. Also can be naturally occurring, but typically at levels below maximum contaminant level

Principal Contaminant Detections: Community Water Systems

Two or More Detections Above the MCL

in Active Wells

2002-2010

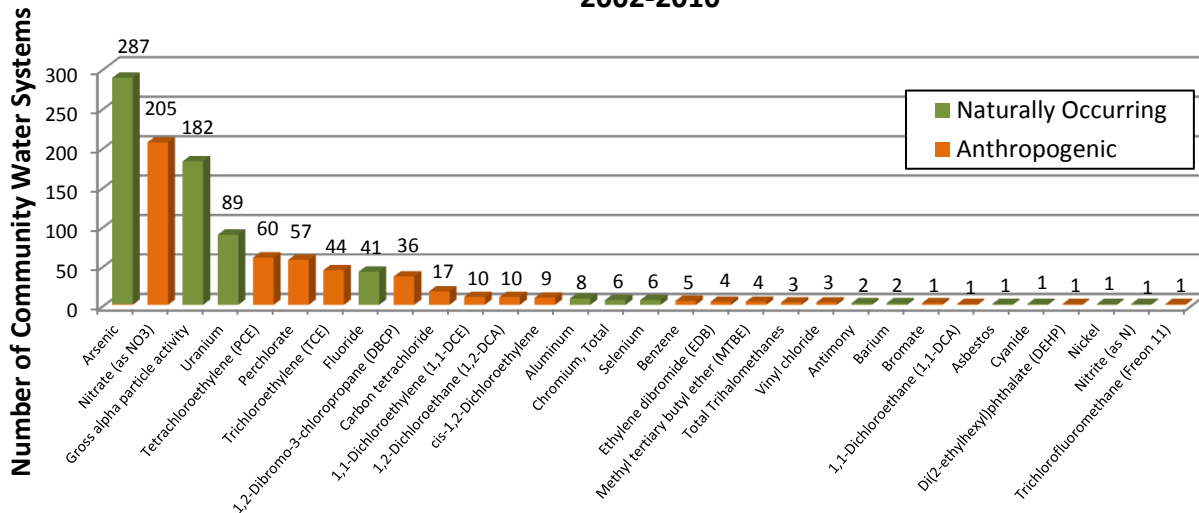


Figure 5: Principal Contaminants in Community Water Systems that Rely on a Contaminated Groundwater Source

Constituents of Concern

This report has identified nine constituents of concern (COCs): Hexavalent Chromium (Cr-6), 1,2,3-Trichloropropane (1,2,3-TCP), Boron, Manganese, Vanadium, 1, 4-Dioxane, N-Nitroso-dimethylamine (NDMA), Lead, and Tertiary butyl alcohol (TBA). The COCs are summarized in Table 3.1, Appendix 3. Cr-6 was also evaluated as an emerging COC, even though it does not have a Notification Level. Cr-6 is a widely detected groundwater contaminant with both anthropogenic and natural sources. A total of 1,378 active wells, in 314 community water systems, had two or more detections of Cr-6 above the 1 microgram per liter (µg/L) CDPH detection limit for the purposes of reporting or DLR. 1,2,3-TCP, which has many industrial and pesticide uses, including as a paint and varnish remover, cleaning and degreasing agent, and a cleaning and maintenance solvent, was the most frequently detected. Both Cr-6 and 1,2,3-TCP have Public Health Goals established by the Office of Environmental Health Hazard Assessment, which is the first step in the establishment of an eventual MCL. Appendix 3 includes additional information on the COCs identified by this report.

Regional Patterns

Regional groundwater patterns may be inferred from the drinking water quality data used in this report. These patterns are based on the available data from community water systems and may not be representative of groundwater quality conditions in certain areas.

In general, naturally occurring contaminants are detected statewide, while anthropogenic contaminants tend to be detected in particular regions of the state. For example, arsenic (naturally occurring) is detected in a wide distribution of community water system wells across the state (see Figure 2.7, Appendix 2). In contrast, nitrate at concentrations above the MCL is considered anthropogenic and is predominantly detected above the MCL in areas of the state with current or historical agricultural activity, including the southern San Joaquin Valley, the Salinas Valley, and in the Southern California Inland Empire (see Figure 2.8, Appendix 2). Volatile organic compounds such as tetrachloroethylene (PCE) and trichloroethylene (TCE) are also anthropogenic, and are largely detected in the Southern California Inland Empire area. A more detailed description of regional trends for the ten most frequently detected principal contaminants is included in Appendix 2. Maps showing the distribution of each of the 31 principal contaminants are also included in Appendix 2.

Potential Solutions to Ensure the Provision of Safe Drinking Water from Groundwater

Although groundwater sources can be contaminated, communities typically use a variety of methods to ensure that they deliver safe drinking water. Solutions to address

groundwater contamination affecting drinking water supplies fall in to three broad categories:

- Pollution prevention or source protection,
- Cleanup contaminated groundwater, or
- Provide safe drinking water through treatment or alternative supplies.

These potential solutions are outlined in Table 2 and are discussed in detail in Appendix 5. In general, costs and funding are the primary challenge for each of the identified solutions.

Source protection and pollution prevention are the most effective ways of ensuring a continued supply of safe drinking water. In addition, removal of contaminants from groundwater is important from both a public health and an environmental health perspective. Groundwater cleanups can allow continued use of existing groundwater supplies. However, pollution prevention and cleanups are not always appropriate (e.g., for naturally occurring contaminants), or may not be feasible. Consequently, any practical solution to groundwater contamination must also focus on strategies to provide safe drinking water to consumers through treatment and alternative water supplies. The most common types of solutions associated with providing safe drinking water include:

- Regional consolidation with nearby larger public water systems
- Alternative Sources or Supplies
- Short Term Mitigation Measures (e.g. Bottled Water)
- New Well(s)
- Treatment

When contamination is detected in private domestic wells or other water systems not regulated by the state, cleanup options are limited. Groundwater cleanup efforts are costly and many private domestic well owners may not be able to afford a remediation system. Treatment systems, including point-of-use/point-of-entry (POU/POE), are typically the most cost-effective method of addressing groundwater contamination for small systems and private well owners. Regional consolidation with nearby larger public water systems may be an option for some smaller systems relying on contaminated groundwater source.

| Table 2: Cleanup, Treat, or Provide Alternative Sources of Water Supply - Potential Obstacles and Options to Address Obstacles | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Goal | Related Activities for Achieving Goal | Potential Obstacles | Options to Address Obstacles |
| Provide Safe Drinking Water | Consolidation Self-supply New well Treatment Surface water | Costs Fund availability Location/environment, and availability of clean alternative groundwater or surface supplies Planning and infrastructure support may not be available Multiple contaminants in a well may affect treatment options | Highlight benefits of consolidation, provide seed money for consolidation efforts Make public funds available for meeting other existing public funding criteria Increase available funding |
| Groundwater Cleanup | Groundwater cleanup programs (USTCF, others) | Scale Cost Fund availability Naturally-occurring contaminants | Support programs that help clean up known groundwater contamination Support efforts to identify sources of groundwater contamination Focus on methods to provide clean drinking water |
| Pollution Prevention | Continue and support existing programs; Regulatory oversight Monitoring | Naturally-occurring contaminants Prevention too late | Continue to develop and strengthen existing regulatory efforts Expand regulation of emerging pollution sources For identified community water systems, focus on methods to provide clean drinking water |

Potential Funding Sources to Clean Up or Treat Groundwater, or to Provide Alternative Water Supplies, to Ensure the Provision of Safe Drinking Water

The need to address water quality issues exceeds the available public funding options. The United States Environmental Protection Agency (USEPA) estimated that over the next 20 years, California will need to spend approximately \$40 billion on infrastructure improvements to ensure the delivery of safe drinking water (USEPA Needs Analysis, 2007, http://water.epa.gov/infrastructure/drinkingwater/dwns/upload/2009_03_26_needs_survey_2007_report_needssurvey_2007.pdf). The funding for the estimated \$40 billion in infrastructure development and improvements may come from a number of sources, including self-financing, contributions from ratepayers and customers, local government fees, federal and state funding sources, and local loans and grants.

The State of California provides public funding to community water systems in need of financial assistance to address drinking water quality issues. Over the last ten years, three major state public funding sources were made available for public drinking water or water quality improvement projects: Proposition 50, Proposition 84, and the Safe Drinking Water State Revolving Fund (SRF) (see Table 3). Proposition 50 and Proposition 84 directed funds to the State Water Board, CDPH, and DWR. The Safe Drinking Water SRF is administered by the CDPH.

Proposition bond funding to both the State Water Board and CDPH are fully allocated beyond 2012 (see Table 3). CDPH's only public funding source beyond 2012 is the Safe Drinking Water SRF, with annual loan expenditures ranging from \$150 million to \$250 million. There are limited Proposition 84 bond funds available through DWR for Integrated Regional Water Management (IRWM) Projects. Proposition 84 has allocated \$1 billion to DWR to use for IRWM funding; an estimated \$774 million remained as of October 2011.

Of the 680 community water systems that are identified as relying on a contaminated groundwater source, 514 have at least applied for funding to address their water quality concerns. Information on which systems have actually received funding is not available. A list of the 680 community water systems and the funding sources to which they have applied is provided in Appendix 6.

CDPH provided a list of community water systems that have received a drinking water quality violation (above the MCL) during the most recent compliance cycle (2002-2010). Of the 680 community water systems that rely on a contaminated groundwater source, 265 systems have received a notice of an MCL violation during this period. According to the funding data, 42 of these 265 systems were not seeking funding as of October 2011 (see Appendix 6) to address their drinking water issues. These systems may lack the institutional knowledge and guidance required to apply for and receive funding, and may require additional assistance in meeting funding criteria developed by administering agencies in order to ensure that safe drinking water is provided to the public with outlined mitigation measures in place.

As of October 2011, there was no public funding available for private domestic well owners or other groundwater systems not regulated by the state. The needs of these systems cannot be assessed until data are available. The lack of data is a significant gap in terms of evaluating raw groundwater quality and in identifying areas with drinking water quality issues.

| Table 3: Public Funding Sources That May Be Used to Address Drinking Water Quality Issues, 2002-2012¹ | | |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Funding Source | Type of Project | Total Funding² and Status³ |
| Proposition 50 (CDPH) | Community water systems; Small systems: monitoring, treatment, infrastructure; Grants for treatment and contaminant removal; Grants for water quality monitoring; Source water protection; Colorado River Use Reduction; Contaminant treatment; UV/Ozone Maximum Contaminant Level (MCL) Violation | \$508,000,000 Status: Fully Allocated |
| State Revolving Fund (CDPH) | Water treatment facilities; other infrastructure; planning; consolidation | \$150,000,000 ⁴ |
| Proposition 50 (DWR) | Integrated Regional Water Management Planning and Implementation | \$250,000,000 Status: Fully Allocated |
| Proposition 50 (State Water Board) | Pollution prevention, reclamation, water quality improvement, blending and exchange projects; source protection; restore/protect surface and groundwater; Integrated Regional Water Management Planning and Implementation | \$450,000,000 Status: Fully Allocated |
| American Reinvestment and Recovery Act (ARRA) | For deposit into State Revolving Fund | \$160,000,000 Status: Fully Allocated |
| Proposition 84 (CDPH) | Emergency Clean Water Grants; Small community infrastructure and nitrate; Grants to reduce or prevent contamination of groundwater that serves as a source of drinking water | \$250,000,000 Status: Fully Allocated |
| Proposition 84 (DWR) | Integrated Regional Water Management Planning and Implementation | \$1,000,000,000 Status: <\$774,000,000 available ⁵ |

Notes:

1. Funding amounts included in this table based on information available October 2011.
2. Total available funds based upon amounts allocated as found within the California Water Code and original Proposition language, except where noted otherwise.
3. "Status" refers to the estimated amount of funds remaining in each respective funding source.
4. State Revolving Fund (SRF) funding varies annually, based upon allocation from federal government, previous year expenditures, loan and interest repayment, and state matching funds. The value shown here is an approximation based upon previous SRF expenditures and CDPH 2011-2012, Intended Use Plan (CDPH, 2011).
5. As of October 2011. DWR Integrated Regional Water Management (IRWM) funding is ongoing; this number will likely change.

CONCLUSIONS

- Although 98 percent of Californians receive safe drinking water, contamination of groundwater occurs in community water systems across California.
- Community water systems face potential health risks and financial burdens from a contaminated groundwater source used for drinking.
- Additional data are needed to address water quality issues for private domestic well users and water systems not regulated by the state (i.e., local and state small systems with fewer than 15 connections). Water quality data from these sources either do not exist or are not easily available in a centralized database.
- Pollution prevention and cleanup are necessary to protect groundwater resources. However, groundwater cleanup may not always be feasible.
- Providing alternative water supplies or treatment may be the most feasible solution in areas of groundwater contamination.
- Public funding sources to address groundwater supply and contamination issues are limited.

**APPENDIX 1 – COMMUNITY WATER SYSTEMS THAT RELY
ON A CONTAMINATED GROUNDWATER SOURCE FOR
DRINKING WATER**

APPENDIX 1: COMMUNITY WATER SYSTEMS THAT RELY ON A CONTAMINATED GROUNDWATER SOURCE

1.1 Data Used

This report used public water quality data and information available in the California Department of Public Health (CDPH) Division of Drinking Water and Environmental Management's water quality monitoring database (hereafter referred to as the CDPH database) to define community public water systems (community water systems) that rely on contaminated groundwater as a primary source of drinking water. CDPH data are available on the State Water Resources Control Board's GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) groundwater information system. It includes analytical water quality data for all drinking water sources used by a community water system.

Chemical information from the CDPH database was used to identify contaminated groundwater sources (wells) in 2,584 groundwater reliant community water systems in California. The data were filtered so that only "Active Raw" and "Active Untreated" community water system wells that were active at the time this report this report was being drafted (October 2011) and had been sampled at least twice during the most recent CDPH compliance cycle (2002-2010) were used.

- Active Raw: Groundwater sampled directly from the well
- Active Untreated: Groundwater sampled at a point between the well and a treatment system.

These two types of samples are characteristic of ambient, raw groundwater quality that is used as a source for public drinking water supplies. However, data from these two sources may not reflect the quality of water that is delivered to the public, which often undergoes treatment prior to delivery. When a community water system cannot afford treatment and alternative sources of water are not available, data from these two sources may be representative of delivered water.

Data collected from the CDPH-defined "Class C" Community Water Systems were used in this report, which is further described below. Table 1.1 summarizes the types of community water systems in California.

Table 1.1: Types of Community Water Systems in California

| Water System Type | Description | Number of Systems | Data used in This Report? | Reason |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Class “C” Community Water System | Serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents of the area served by the system (example: homes) | 3,037 | Yes | Community water systems serve the same group of people, year round, from the same water sources. |
| Class “N” Transient Non-Community Water System | A system that does not consistently serve the same people. (Example: rest stops, campgrounds, and gas stations). | 3,077 | No | Exposure to water from these sources is temporary. Any health risks associated with consuming contaminated water from these systems are generally lower than health risks associated with year-round exposure in community systems. |
| Class “P” Non-Transient Non-Community Water System | Systems that serve the same people, but not year-round. (Example: schools that have their own water system). | 1,470 | No | Non-transient non-community systems serve a similar group of people but do not serve them year round. Any health risks associated with consuming contaminated water from these systems are generally lower than health risks associated with year-round exposure in community systems. |

1.2 Definitions used to Identify Communities that Rely on a Contaminated Groundwater Source for Drinking Water and Findings

AB 2222 (Caballero, Chapter 670, Statutes of 2008) included terms and phrases for which there is no statutory or regulatory definition. To develop the methods that were used to identify communities that rely on a contaminated groundwater source, the State Water Board, in consultation with CDPH, defined the following terms as described in the language of the law:

- Community
- Groundwater Reliant Communities
- Contaminated Groundwater Source
- Principal Contaminant
- Primary Source of Drinking Water
- Constituent of Concern

“Community” and “Groundwater Reliant Community”

The term “community” in this report is considered the same as the California Health and Safety Code (HSC Code § 116395) definition for community water system: a water system that serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents. Community water systems serve the same group of people, year round, from the same group of water sources.

- **Finding:** There are 3,037 community water systems in California.

For the purposes of this report, a community water system with at least one active drinking water well is considered a groundwater-reliant community, even if the percentage of the total drinking water supply that comes from that well is low. Depending on the location of a well in one system, certain neighborhoods or parts of a community may be more reliant on groundwater. Even if a community water system gets the majority of its drinking water from surface water, there may be parts of that community water system that are still 100% reliant on local groundwater wells for their drinking water needs. Furthermore, the relative dependence on a well can change based on seasonal precipitation, time of the year, or changing use patterns.

- **Finding:** There are 2,584 groundwater-reliant community water systems (with at least one drinking water well) in California.

Groundwater-reliant community water systems fall into two categories based upon the distribution of their drinking water sources. Mixed systems use both surface and groundwater for their drinking water supply, and 100-percent groundwater-reliant systems only use groundwater. It is important to distinguish between community water systems that only use groundwater and community water systems that use mixed sources, because those that only use groundwater for their drinking water supply are

more vulnerable to groundwater contamination. Appendix 8 includes additional information on which community water systems are 100 percent reliant on groundwater, 50 to 99 percent reliant on groundwater (mixed surface water and groundwater), and less than 50 percent reliant on groundwater (mixed surface water and groundwater).

- **Finding:** There are 2,180 community water systems that are 100 percent groundwater reliant.

“Contaminated Groundwater Source” and “Principal Contaminant”

Contaminated groundwater source is a well in which concentrations of a principal contaminant (see below) are detected above a public drinking water standard (Primary Maximum Contaminant Level, or MCL) on two or more occasions during the most recent CDPH compliance cycle (2002-2010).

A principal contaminant is a chemical that was detected above a primary MCL on two or more occasions during the most recent CDPH compliance cycle (2002-2010). MCLs are health-based protective drinking water standards to be met by public water systems, developed by CDPH, that take into account a chemicals' health risk, detectability, treatability, and costs of treatment. (Note: The gross alpha data evaluated in this report were not adjusted with respect to uranium or radon. The MCL for gross alpha is only used as a benchmark value and does not represent a compliance level.)

The two-detection threshold (two or more detections above an MCL) was used in order to help eliminate reporting errors or other spurious data. The two detections can occur at any time within the CDPH compliance cycle (the nine-year cycle during which every community water system should have collected groundwater quality data, as defined in Health and Safety Code §64400.20).

“Communities that Rely on a Contaminated Groundwater Source”

The CDPH database was reviewed to determine the total number of community water systems that rely on a contaminated groundwater source. The total number of groundwater sources (wells) and contaminated sources were also determined using the CDPH database. This information is provided in Table 1.2, below.

- **Finding:** 680 community water systems rely on a contaminated groundwater source, out of a total of 3,037 community water systems in the state.

1.3 Summary

In summary, a community water system that relies on a contaminated groundwater source for drinking water is defined as a community water system where:

- A chemical was detected in an active raw or active untreated drinking-water well, at a concentration above a California Primary MCL, on two or more occasions (January 1, 2002 through December 31, 2010).

In addition:

- There are 680 communities (22 percent of the total number of community water systems in the state) that rely on a contaminated groundwater source for drinking water.
- There are 1,659 wells with detected principal contaminants in these communities.

These findings are summarized in Table 1.2, below. The locations of all active raw and active untreated wells are shown in Figure 1.1. The location of all wells where groundwater contamination has been detected (using the definitions as described above) are shown in Figure 1.2.

Appendix 2 provides information on which chemicals (principal contaminants) were detected. Appendix 8 lists every community water system, well, and contaminant detected above the MCL (on two or more occasions, 2002 to 2010).

Table 1.2: Summary of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| System Description | Number |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Number of community water systems ¹ in California, 2002-2010 | 3,037 |
| Groundwater Reliant community water systems ¹ with active ² wells sampled two or more times between 2002 and 2010 | 2,584 out of 3,037 (8,396 wells) |
| Number of community water systems ¹ that are 100% reliant on groundwater | 2,180 out of 3,037 |
| Community water systems ¹ that rely on a contaminated groundwater source (well) | 680 out of 3,037 (1,659 out of 8,396 wells) |
| Notes: 1. In general, drinking water from public supply wells is treated to achieve public drinking water health standards. 2. Active as of the time that this report was being drafted in October 2011 | |

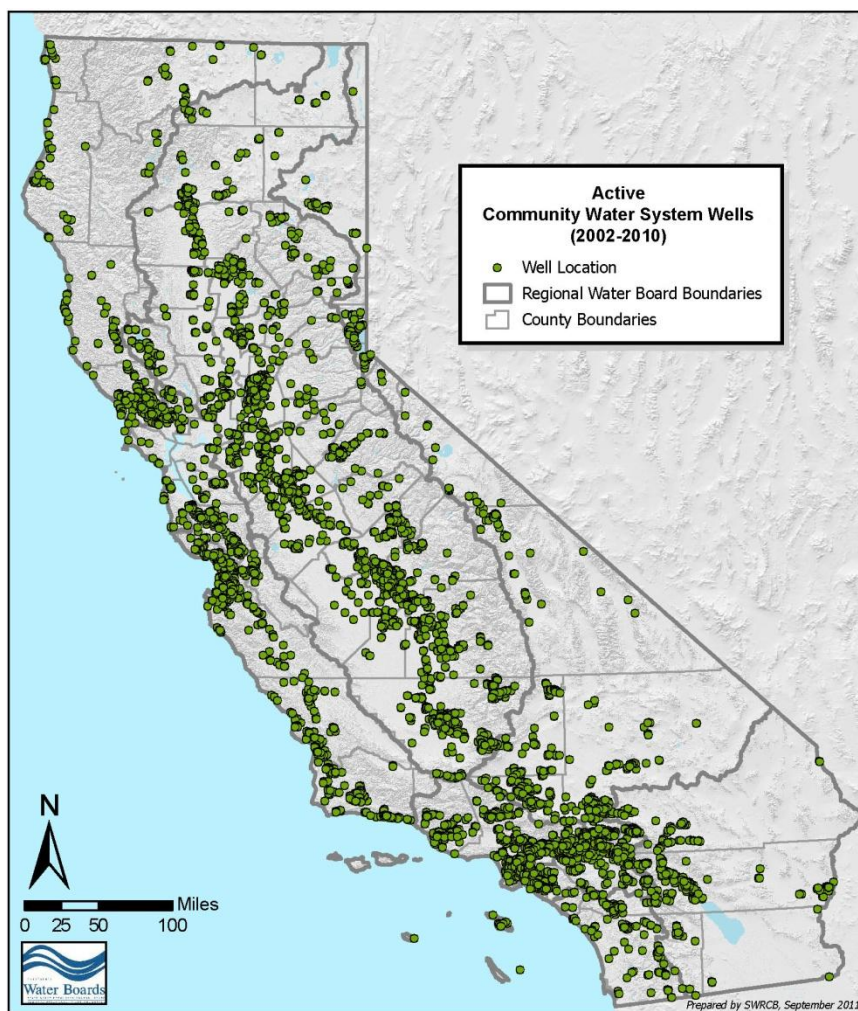


Figure 1.1: Active Community Water System Wells Sampled Two or More Times between 2002 and 2010 (8,396 Wells / 2,584 Community Water Systems)

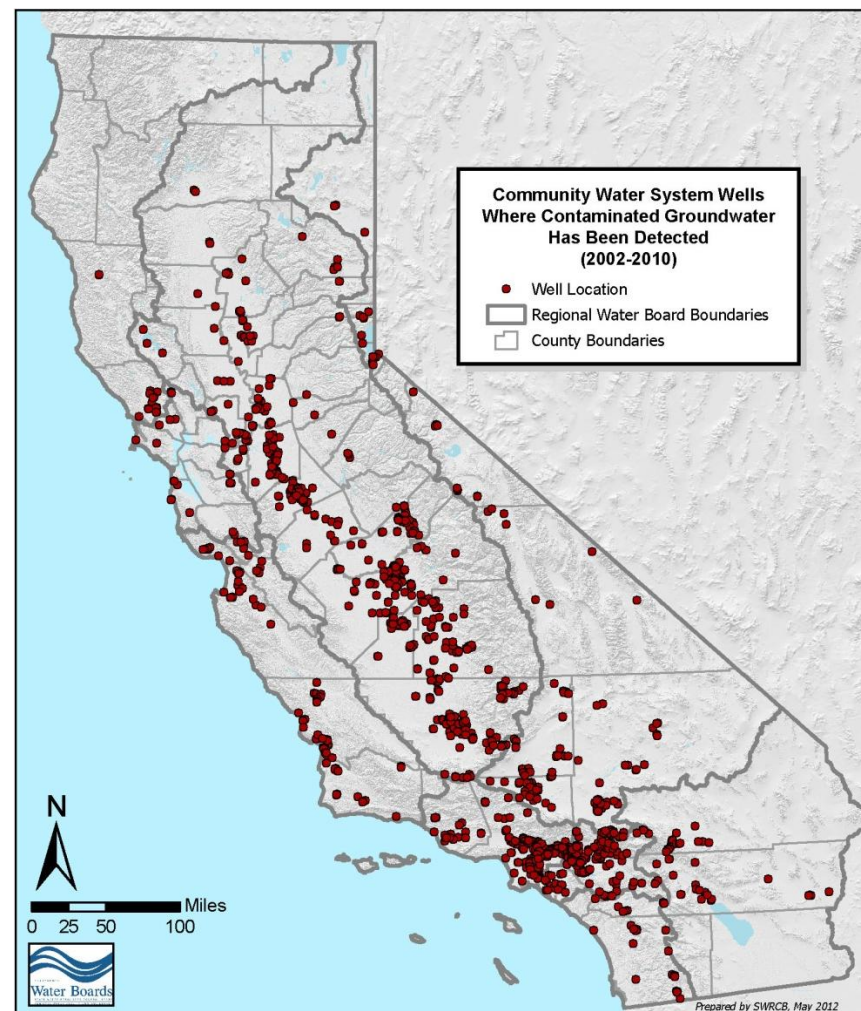


Figure 1.2: Active Community Water System Wells Where Contaminated Groundwater Has Been Detected (Two or More Detections above an MCL, 2002-2010). (1,659 Wells / 680 Community Water Systems)

1.4 Water Systems or Data Not Evaluated

The types of systems and information that are not included, as well as the rationale and limitations associated with those systems and data, are summarized below. The findings in this report do not reflect private domestic wells or other unregulated water systems since the state does not require these groundwater users to sample their wells, and consequently a comprehensive database for these groundwater sources does not exist.

State and Local Small Systems: Water quality data for State Small systems (systems that serve to less than 25 people a year and have five to 14 service connections) and Local Small systems (systems that serve to less than 25 people a year and have two to four service connections) are not included in the CDPH database. These systems are typically regulated at a local or county level; therefore, a comprehensive database for these groundwater sources does not exist.

Private Domestic Wells: Since the state does not require these groundwater users to sample their wells, a comprehensive database for these groundwater sources does not exist.

Some domestic well data is available from the State Water Board's GAMA Domestic Well Project. These data are summarized in Appendix 2. The Department of Pesticide Regulation (DPR) conducts groundwater monitoring for a wide variety of pesticides. The DPR dataset includes test results from public supply wells, irrigation wells, and domestic wells, although the DPR data set primarily includes domestic wells in areas where pesticides are used. The DPR sampling regime often does not include general groundwater chemistry information, or data on principal contaminants other than pesticides. The DPR data is available to the public through the State Water Board's GeoTracker GAMA website.

Non-community Systems: Transient non-community water systems do not serve the same group of people over time, such as rest stops, gas stations, and campgrounds. Another excluded system type is a non-transient non-community water system that serves a similar group of people, but does not serve them year round. An example is a school with its own water system. There are over 13,000 schools in California, the vast majority of which are connected to a community water system. However, approximately 420 schools are not connected to a community water system and rely on their own well for water supply. Drinking water quality for these 420 schools may be of local interest, especially in areas where groundwater quality is a concern. These school water systems are classified as "non-transient non-community" and therefore do not meet the definition of community water system used in this report. Although data on these school systems are not included here, information is available to the public on the internet at the GeoTracker GAMA groundwater information system or directly from CDPH.

Bacteriological Information: Bacteria and other microbes in drinking water are a health concern. CDPH requires that public water systems rigorously test for bacteria.

However, water samples for bacteria are primarily collected within the distribution system, and are not collected from raw groundwater. CDPH was unable to provide any bacteriological data for raw groundwater. The bacteriological data that is available in the CDPH database constitutes compliance-related reporting that reflects the quality of the water within the distribution system. In addition, most of the compliance-related reports are for total coliform bacteria. Total coliform bacteria are ubiquitous in nature, and naturally occur in soil and groundwater. The presence of total coliform bacteria, while indicative of possible communication between a well and the surface, does not demonstrate whether groundwater in the aquifer is contaminated with bacteria. This report evaluates the quality of raw groundwater, for which no data related to bacteriological information were available. As a result, bacteria are not included as a principal contaminant in this report.

The lack of bacteriological data is a significant data gap in terms of evaluating the quality of raw groundwater. In 2009, CDPH adopted by reference the Federal Groundwater Rule. The purpose of the Groundwater Rule is to provide increased protection against bacteria. As part of this new rule, community water systems will conduct monitoring at the source (well) that is triggered by a total coliform positive as a result of routine sampling. These data will be available as part of the CDPH database in the future.

1.5 Population that Relies on a Contaminated Groundwater Source

CDPH provides estimates for the population served by each community water system in the state. These population estimates were compiled to understand the number of people in community water systems that were identified as relying on a contaminated groundwater source (see Table 1.3). In total, the 680 community water systems that rely on a contaminated groundwater source serve nearly 21 million people.

Some of these community water systems use surface water in addition to groundwater for their drinking water supply, and are able to mix water from these sources or rely on alternative water supplies, when groundwater is contaminated. Of the 680 community water systems that rely on a contaminated groundwater source, 506 (74 percent) are 100 percent reliant on groundwater (see Figure 1.3), and 174 use both surface and groundwater (mixed) sources (see Figure 1.4). The community water systems that are 100 percent reliant on a contaminated groundwater source are estimated to serve nearly 4.1 million people. Many of the systems that are 100 percent reliant on groundwater are located in rural areas of the state (see Figures 1.3 and 1.4).

In terms of population, many more people are served by community water systems using mixed sources than those that are 100 percent groundwater reliant. For example, there are 89 community water systems in Los Angeles County that rely on a contaminated groundwater source, serving approximately 8.4 million people. However, only 900,000 use community water systems that are 100 percent reliant on groundwater (approximately 11 percent of the population). In contrast, in Tulare County 41 community water systems rely on a contaminated groundwater source, serving

approximately 205,000 people. Here the community water systems that solely rely on groundwater account for 99 percent of the population. In general, rural communities tend to be more heavily reliant on groundwater and have a greater relative number of people that are 100 percent reliant on a contaminated groundwater source for drinking water.

Many of the community water systems that are entirely reliant on groundwater are small (serving less than 3,300 people) and rural. Such community water systems may be more reliant on a contaminated groundwater source than larger community water systems that are better able to afford treatment or alternative supply solutions.

Table 1.4 provides population estimates for drinking water sources in California, including community water systems, community water systems that rely on a contaminated groundwater source, and private domestic wells.

TABLE 1.3: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water, by County and Population Served

| County | Number of Community Water Systems Grouped by Population | | | | Population Served by Community Water Systems | | | | Community Water Systems 100% Reliant on Groundwater | Population 100% Reliant on Groundwater |
|--------------|---------------------------------------------------------|------------|-------------|---------|----------------------------------------------|------------|-------------|-----------|-----------------------------------------------------|----------------------------------------|
| | Total | Population | | | Total | Population | | | | |
| | | <3,300 | 3,300-9,999 | ≥10,000 | | <3,300 | 3,300-9,999 | ≥10,000 | | |
| ALAMEDA | 1 | 0 | 0 | 1 | 54,496 | 0 | 0 | 54,496 | 0 | 0 |
| AMADOR | 2 | 2 | 0 | 0 | 70 | 70 | 0 | 0 | 2 | 70 |
| BUTTE | 6 | 4 | 1 | 1 | 106,848 | 359 | 6,403 | 100,086 | 6 | 106,848 |
| CALAVERAS | 1 | 1 | 0 | 0 | 150 | 150 | 0 | 0 | 0 | 0 |
| COLUSA | 3 | 3 | 0 | 0 | 1,038 | 1,038 | 0 | 0 | 3 | 1,038 |
| CONTRA COSTA | 7 | 5 | 0 | 2 | 108,729 | 837 | 0 | 107,892 | 5 | 837 |
| EL DORADO | 3 | 2 | 0 | 1 | 63,104 | 3,104 | 0 | 60,000 | 3 | 63,104 |
| FRESNO | 31 | 23 | 2 | 6 | 657,776 | 8,484 | 15,251 | 634,041 | 28 | 101,085 |
| GLENN | 1 | 1 | 0 | 0 | 150 | 150 | 0 | 0 | 1 | 150 |
| INYO | 8 | 8 | 0 | 0 | 923 | 923 | 0 | 0 | 8 | 923 |
| KERN | 87 | 63 | 9 | 33 | 771,229 | 28,501 | 53,261 | 689,467 | 76 | 428,905 |
| KINGS | 12 | 8 | 1 | 3 | 111,177 | 7,464 | 0 | 103,713 | 12 | 111,177 |
| LAKE | 3 | 3 | 0 | 0 | 320 | 320 | 0 | 0 | 3 | 320 |
| LASSEN | 2 | 1 | 0 | 1 | 12,450 | 1,500 | 0 | 10,950 | 2 | 12,450 |
| LOS ANGELES | 89 | 20 | 14 | 55 | 8,469,248 | 18,891 | 104,929 | 8,345,428 | 34 | 911,696 |
| MADERA | 31 | 29 | 1 | 1 | 72,186 | 10,008 | 4,000 | 58,178 | 27 | 69,022 |
| MARIN | 2 | 2 | 0 | 0 | 106 | 106 | 0 | 0 | 1 | 55 |
| MARIPOSA | 2 | 2 | 0 | 0 | 865 | 865 | 0 | 0 | 2 | 865 |
| MENDOCINO | 1 | 1 | 0 | 0 | 1,301 | 1,301 | 0 | 0 | 1 | 1,301 |
| MERCED | 10 | 4 | 2 | 4 | 170,603 | 3,020 | 9,250 | 158,333 | 10 | 170,603 |
| MONO | 5 | 4 | 1 | 0 | 9,356 | 1,142 | 8,214 | 0 | 4 | 1,142 |
| MONTEREY | 17 | 14 | 0 | 3 | 248,247 | 4,330 | 6,585 | 237,332 | 16 | 125,755 |
| NAPA | 2 | 2 | 0 | 0 | 225 | 225 | 0 | 0 | 2 | 225 |
| NEVADA | 3 | 2 | 0 | 1 | 14,648 | 348 | 0 | 14,300 | 3 | 14,648 |
| ORANGE | 13 | 5 | 1 | 7 | 1,146,037 | 674 | 5,742 | 1,139,621 | 5 | 674 |
| PLACER | 2 | 2 | 0 | 0 | 170 | 170 | 0 | 0 | 1 | 120 |
| PLUMAS | 5 | 5 | 0 | 0 | 3,540 | 3,540 | 0 | 0 | 5 | 3,540 |
| RIVERSIDE | 35 | 17 | 4 | 14 | 1,584,461 | 14,749 | 24,316 | 1,545,396 | 21 | 283,264 |
| SACRAMENTO | 20 | 12 | 0 | 8 | 767,332 | 3,093 | 0 | 764,239 | 15 | 121,276 |
| SAN BENITO | 5 | 5 | 0 | 0 | 418 | 418 | 0 | 0 | 5 | 418 |

TABLE 1.3: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water, by County and Population Served (cont.)

| County | Number of Community Water Systems Grouped by Population | | | | Population of Community Water Systems | | | | Community Water Systems 100% Reliant on Groundwater | Population 100% Reliant on Groundwater |
|-----------------|---------------------------------------------------------|------------|-------------|---------|---------------------------------------|------------|-------------|------------|-----------------------------------------------------|----------------------------------------|
| | Total | Population | | | Total | Population | | | | |
| | | <3,300 | 3,300-9,999 | ≥10,000 | | <3,300 | 3,300-9,999 | ≥10,000 | | |
| SAN BERNARDINO | 58 | 26 | 8 | 24 | 1,836,570 | 29,045 | 49,558 | 1,757,967 | 37 | 757,204 |
| SAN DIEGO | 14 | 12 | 0 | 2 | 1,308,105 | 6,374 | 0 | 1,301,731 | 10 | 5,824 |
| SAN JOAQUIN | 26 | 19 | 1 | 6 | 496,733 | 6,015 | 3,640 | 487,078 | 19 | 152,135 |
| SAN LUIS OBISPO | 24 | 16 | 4 | 4 | 104,288 | 6,869 | 27,719 | 69,700 | 18 | 26,958 |
| SAN MATEO | 5 | 2 | 1 | 2 | 165,953 | 1,431 | 5,412 | 159,110 | 1 | 1,000 |
| SANTA BARBARA | 9 | 4 | 2 | 3 | 169,687 | 1,366 | 11,042 | 157,279 | 5 | 36,578 |
| SANTA CLARA | 9 | 7 | 0 | 2 | 125,242 | 2,446 | 34,600 | 88,196 | 8 | 37,046 |
| SANTA CRUZ | 6 | 2 | 1 | 3 | 167,348 | 1,495 | 83,849 | 82,004 | 4 | 13,146 |
| SHASTA | 1 | 0 | 0 | 1 | 85,703 | 0 | 0 | 85,703 | 0 | 0 |
| SIERRA | 1 | 1 | 0 | 0 | 225 | 225 | 0 | 0 | 1 | 225 |
| SOLANO | 4 | 2 | 2 | 0 | 17,588 | 934 | 16,654 | 0 | 4 | 17,588 |
| SONOMA | 17 | 13 | 2 | 2 | 86,242 | 1,635 | 15,525 | 69,082 | 17 | 86,242 |
| STANISLAUS | 20 | 14 | 3 | 3 | 338,102 | 2,390 | 18,554 | 317,158 | 19 | 126,102 |
| SUTTER | 7 | 5 | 1 | 1 | 21,730 | 4,055 | 7,475 | 10200 | 7 | 21,730 |
| TEHAMA | 3 | 3 | 0 | 0 | 1,609 | 1,609 | 0 | 0 | 3 | 1609 |
| TULARE | 41 | 34 | 4 | 3 | 205,246 | 18,208 | 21,322 | 165,716 | 40 | 203,342 |
| TUOLUMNE | 3 | 3 | 0 | 0 | 1,504 | 1,504 | 0 | 0 | 1 | 230 |
| VENTURA | 15 | 6 | 1 | 8 | 1,380,387 | 3,035 | 6,400 | 1,370,952 | 4 | 1,740 |
| YOLO | 3 | 2 | 0 | 1 | 58,063 | 2,063 | 0 | 56,000 | 3 | 58,063 |
| YUBA | 5 | 4 | 0 | 1 | 10,135 | 135 | 0 | 10,000 | 5 | 10,135 |
| TOTALS | 680 | 425 | 66 | 189 | 20,957,663 | 206,614 | 539,701 | 20,211,348 | 507 | 4,091,572 |

Notes: Population data from CDPH Permits, Inspections, Compliance, Monitoring, and Enforcement (PICME) System Information Database as reported in GeoTracker GAMA.

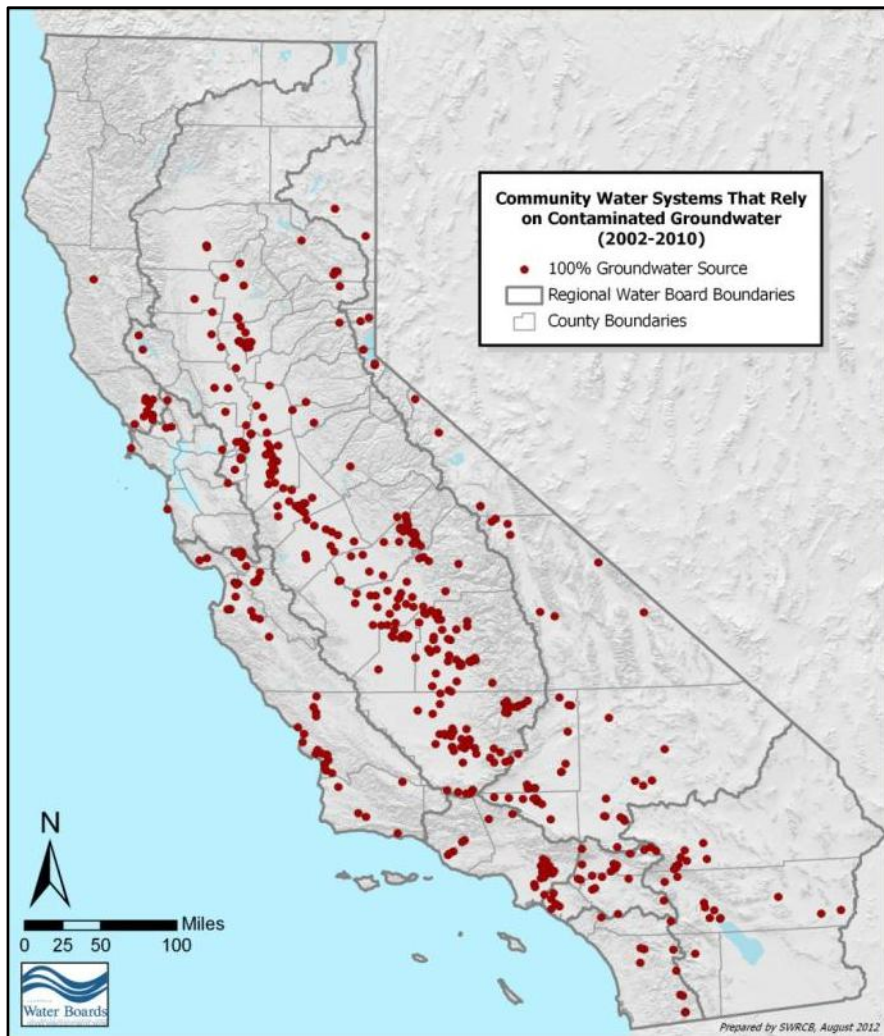


Figure 1.3: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water: 100 Percent Reliant on Groundwater as a Primary Source of Drinking Water (506 systems) (Two or More Detections above an MCL in at Least One Active Well, 2002-2010)

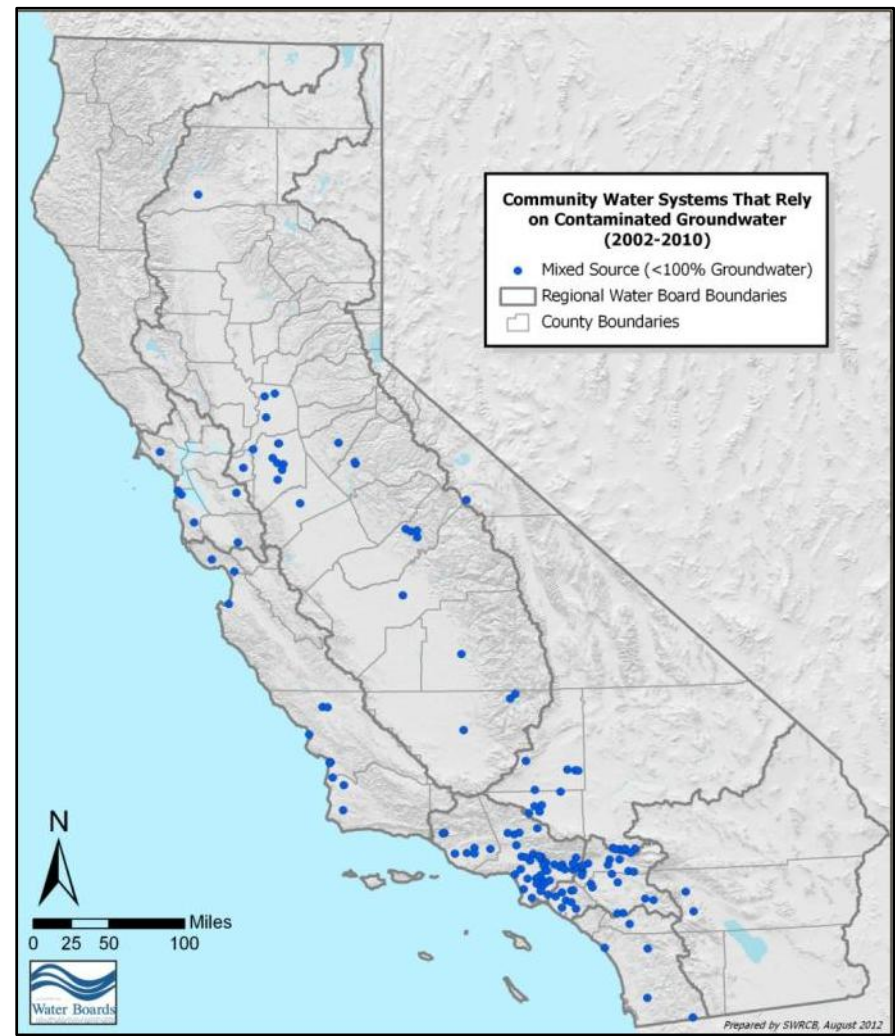


Figure 1.4: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water: Use Surface Water for Part of Their Drinking Water (174 systems) (Two or More Detections above an MCL in at Least One Active Well, 2002-2010)

TABLE 1.4 Population Estimates for Drinking Water Systems

| Category | Number of Systems or Wells | Population (Percent) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------|
| Background Statistics | | |
| 2011 Population of California | -- | 37,691,912 ¹ |
| Resident Population on Class "C" Community Water Systems (CWS) | -- | 36,000,000 ² |
| Population Estimates³ | | |
| Class "C" CWS | 3,037 (100%) | 40,630,685 (100% of population on CWS) ³ |
| Groundwater Reliant CWS ⁴ | 2,586 (85% of total CWS) | 30,386,688 (75% of population on CWS) |
| 100% Groundwater Reliant CWS | 2,180 (72% of total CWS) | 6,132,797 (15% of population on CWS) |
| CWS that rely on a Contaminated Groundwater Source for Drinking Water | 680 (22% of total CWS) | 19,254,060 (47% of population on CWS) |
| 100% Groundwater Reliant CWS that rely on a Contaminated Groundwater Source for Drinking Water | 506 (17% of total CWS) | 3,720,335 (9% of population on CWS) |
| Private Domestic Wells | 200,000 to 600,000 ⁵ | 660,000 to 2 million ⁵ |
| Groundwater Systems not Regulated by CDPH (State and Local Small Systems) | Data Not Available ⁶ | Data Not Available ⁶ |
| CWS that Rely on a Contaminated Groundwater Source for Drinking Water that have Received an MCL Violation from CDPH, 2002-2010 | 265 (9% of total CWS) ⁷ | 2,173,410 (5% of population on a CWS) ⁷ |
| CWS that Rely on a Contaminated Groundwater Source for Drinking Water that have Received an MCL Violation, 2010 | 116 (4% of total CWS) ⁷ | 449,239 (1% of population on a CWS) ⁷ |
| Other Statistics | | |
| Class "P" Non-Transient Non-Community Water Systems | 1,470 | 372,963 (pct. NA) ⁸ |
| Class "N" Transient Non-Community Water Systems | 3,077 | 797,188 (pct. NA) ⁸ |
| Notes: 1. 2011 estimate, US Census Bureau: http://quickfacts.census.gov/qfd/states/06000.html 2. Estimate provided by CDPH for the purposes of this report and represents permanent residents. See note 3 below. 3. Population estimates for Community Water Systems (CWS) are from CDPH PICME database. The PICME population estimates, provided to CDPH by the CWS, take in to account transient persons (i.e. visitors) within the water system boundary. Consequently, the estimate here is greater than the resident population estimate using US Census Bureau data. 4. A groundwater-reliant CWS has at least one active raw or active untreated well used for drinking water (as of Oct 2011). 5. Lower range estimate provided by CDPH, upper range based on 1990 census data for domestic wells (500,000), and adjusted based on 10% population increase per decade (growth from 2000 to 2010) http://quickfacts.census.gov/qfd/states/06000.html . Population estimates assume 3.3 persons per household. 6. The number of state small systems (5-14 service connections, or less than 25 people per year) is not available in a centralized dataset since these systems may be regulated at a county or local level. 7. Violation data provided by CDPH for the purposes of this report, available in the CDPH PICME database 8. Percentage not applicable. Class N and Class P water systems do not serve as permanent sources of drinking water – e.g., the entire population of California is served by either a CWS, by a private domestic well, or by another small, unregulated groundwater source. Class N and Class P water systems represent temporary or non-permanent sources of drinking water, the population of which overlaps with permanent drinking water sources (Class C water systems, private domestic well or other unregulated groundwater sources). Population data provided by CDPH, available in the CDPH PICME database. | | |

1.6 Additional Information

Additional figures related to the distribution of community water systems that rely on a contaminated groundwater source for drinking water are included below. These graphs pertain to the distribution of community water systems with respect to the source of their water supply and the population of those community water systems.

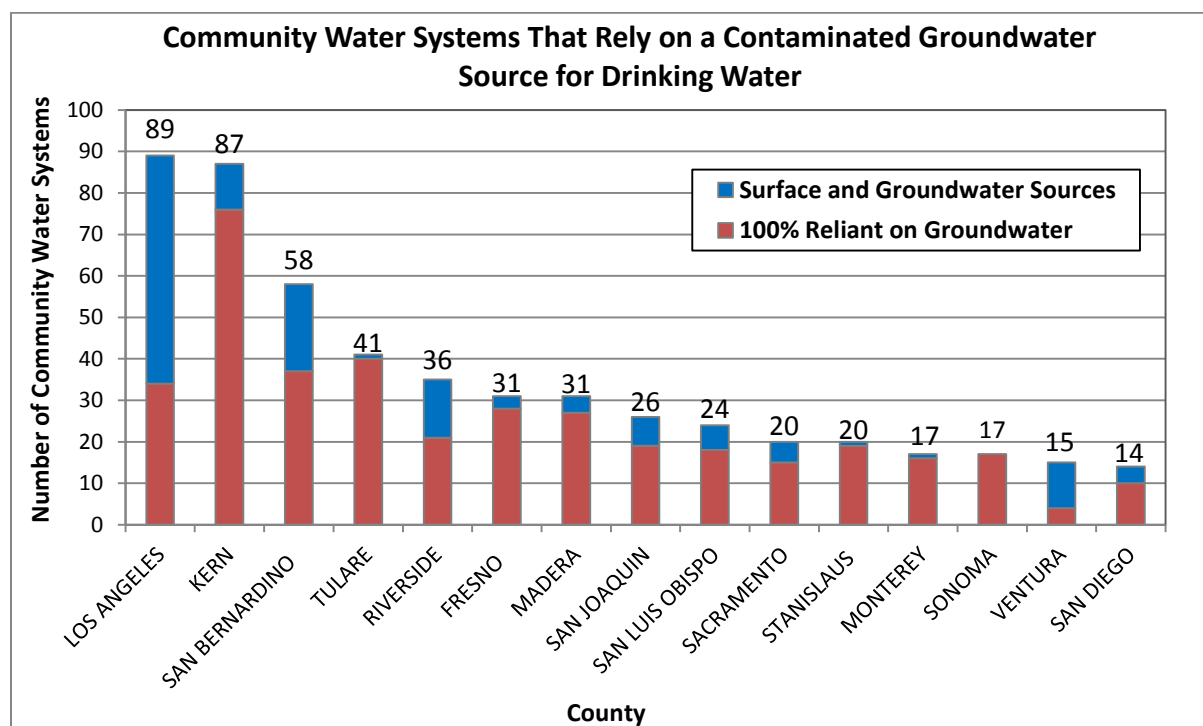


Figure 1.5: Top 15 Counties by Number of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

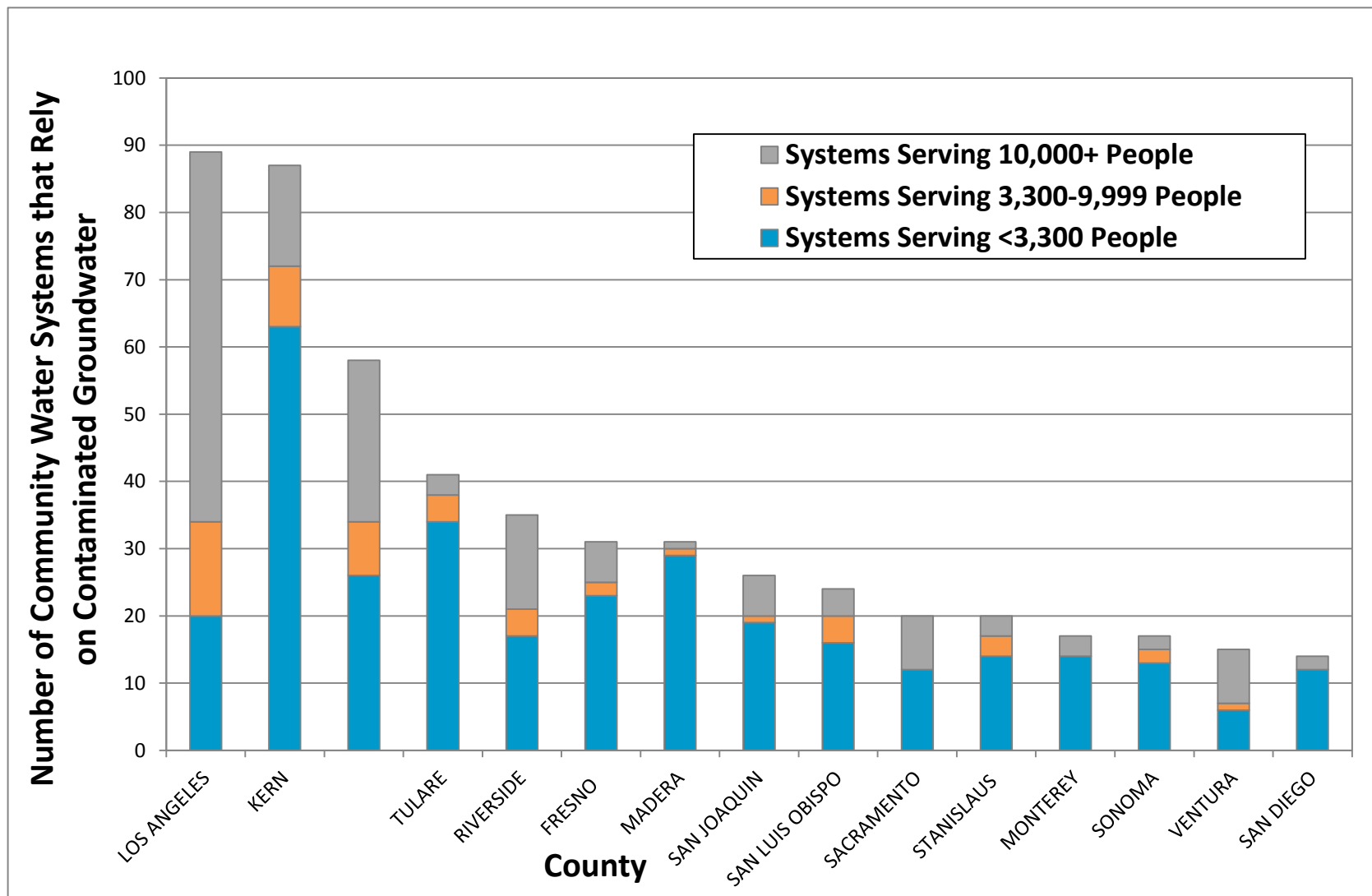


Figure 1.6: Top 15 Counties by Size and Number of Communities that Rely on a Contaminated Groundwater Source for Drinking Water

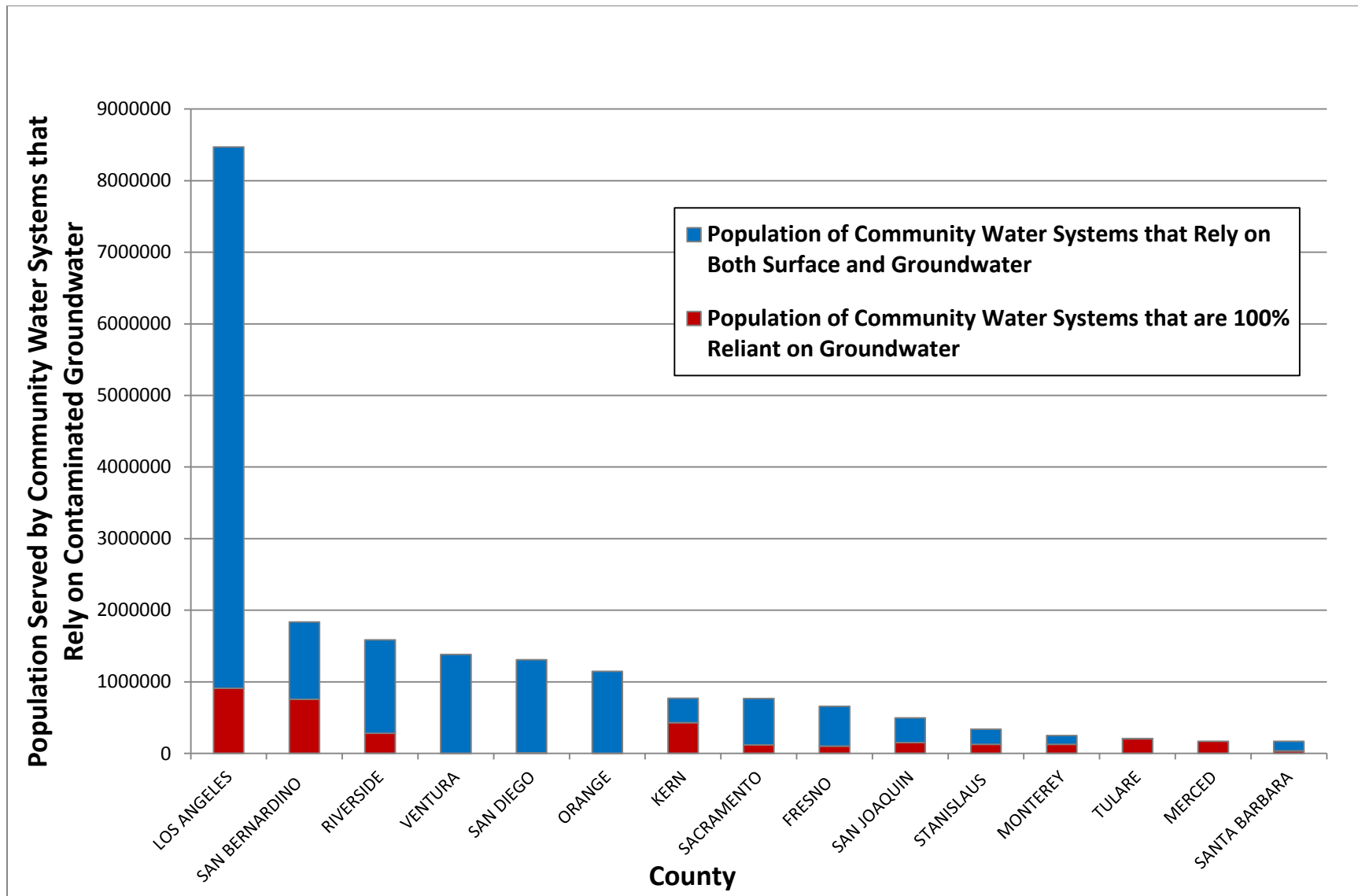


Figure 1.7: Top 15 Counties - Population Served by Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

APPENDIX 2 – PRINCIPAL CONTAMINANTS

Appendix 2: Principal Contaminants

This appendix summarizes the principal contaminants in the 680 community public water systems (community water systems) that rely on a contaminated groundwater source for drinking water. Additional information on principal contaminant levels in active community water system wells, including the number of detections above the Maximum Contaminant Level (MCL), date of most recent detection above the MCL, maximum concentration, and average concentration is included in Appendix 8 at the end of this report.

2.1 Principal Contaminants

Principal contaminants are defined as chemicals that were detected above a primary MCL, on two or more occasions, during the most recent CDPH compliance cycle (2002-2010). Thirty-one principal contaminants are identified and are listed in Table 2.2 by frequency of detection, along with the number of wells in which the contaminant was detected, and the number community water systems in which the contaminant was detected.

The ten most frequently detected principal contaminants in active community water system wells are shown in Table 2.1. A community water system well is considered active if it was being used to provide drinking water at the time that this report was being drafted in October 2011.

Table 2.1: Ten Most Frequently Detected Principal Contaminants

| Principal Contaminant | Number of Wells | Number of Community Water Systems | Type of Contaminant |
|---------------------------------------------------------------------------|-----------------|-----------------------------------|--------------------------------------|
| Arsenic | 587 | 287 | Naturally occurring |
| Nitrate | 451 | 205 | Anthropogenic nutrient ¹ |
| Gross alpha activity | 333 | 182 | Naturally occurring |
| Perchlorate | 179 | 57 | Industrial/military use ¹ |
| Tetrachloroethylene (PCE) | 168 | 60 | Solvent |
| Trichloroethylene (TCE) | 159 | 44 | Solvent |
| Uranium | 157 | 89 | Naturally occurring |
| 1,2-dibromo-3-chloropropane (DBCP) | 118 | 36 | Legacy pesticide |
| Fluoride | 79 | 41 | Naturally occurring |
| Carbon tetrachloride | 52 | 17 | Solvent |
| Notes: | | | |
| 1. Also can be naturally occurring, but typically at levels below the MCL | | | |

The ten principal contaminants listed above account for over 90 percent of the total number of contaminated community water system wells identified in this report. Figures

showing distribution of all 31 principal contaminants in community water systems that rely on a contaminated groundwater source for drinking water are included at the end of this appendix.

Principal contaminants were detected in 1,659 active community water system wells. Most (68 percent) of the wells detected only one principal contaminant (see Figure 2.1). Co-contaminants (more than one detected principal contaminant) were found in 32 percent of the wells. Naturally-occurring principal contaminants were detected in just over half of the wells; anthropogenic principal contaminants were detected in 42 percent of the wells (see Figure 2.2). Both naturally occurring and anthropogenic principal contaminants were detected in 6 percent of the wells. Naturally-occurring and anthropogenic contaminants are discussed in the following section.

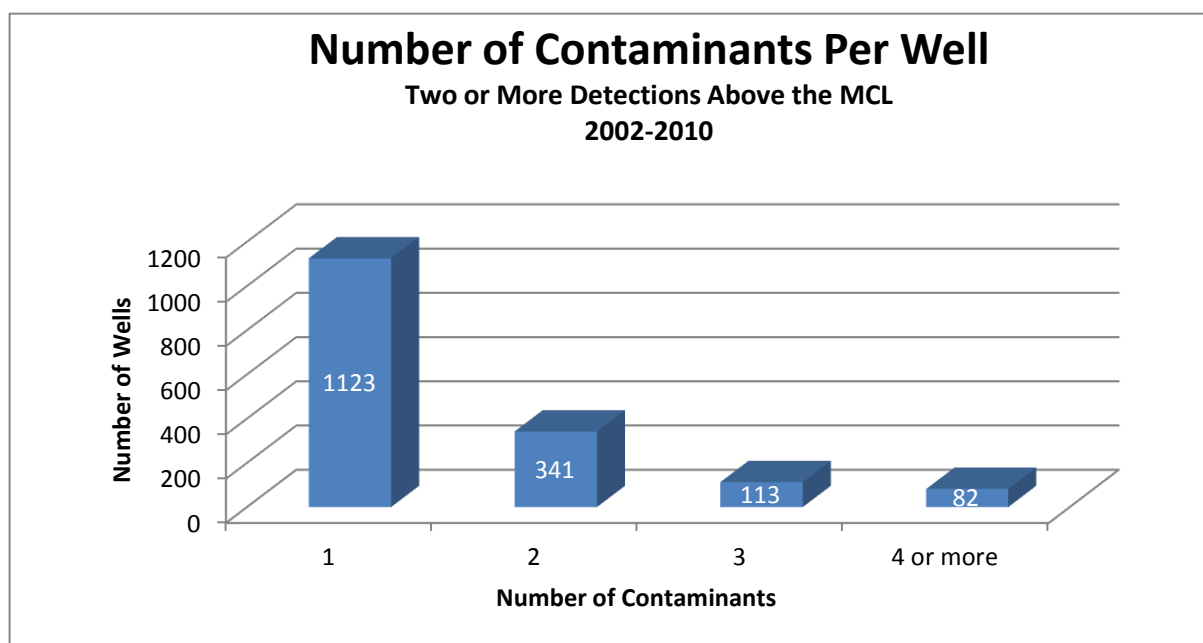


Figure 2.1: Number of Principal Contaminants Detected per Active Community Water System Well

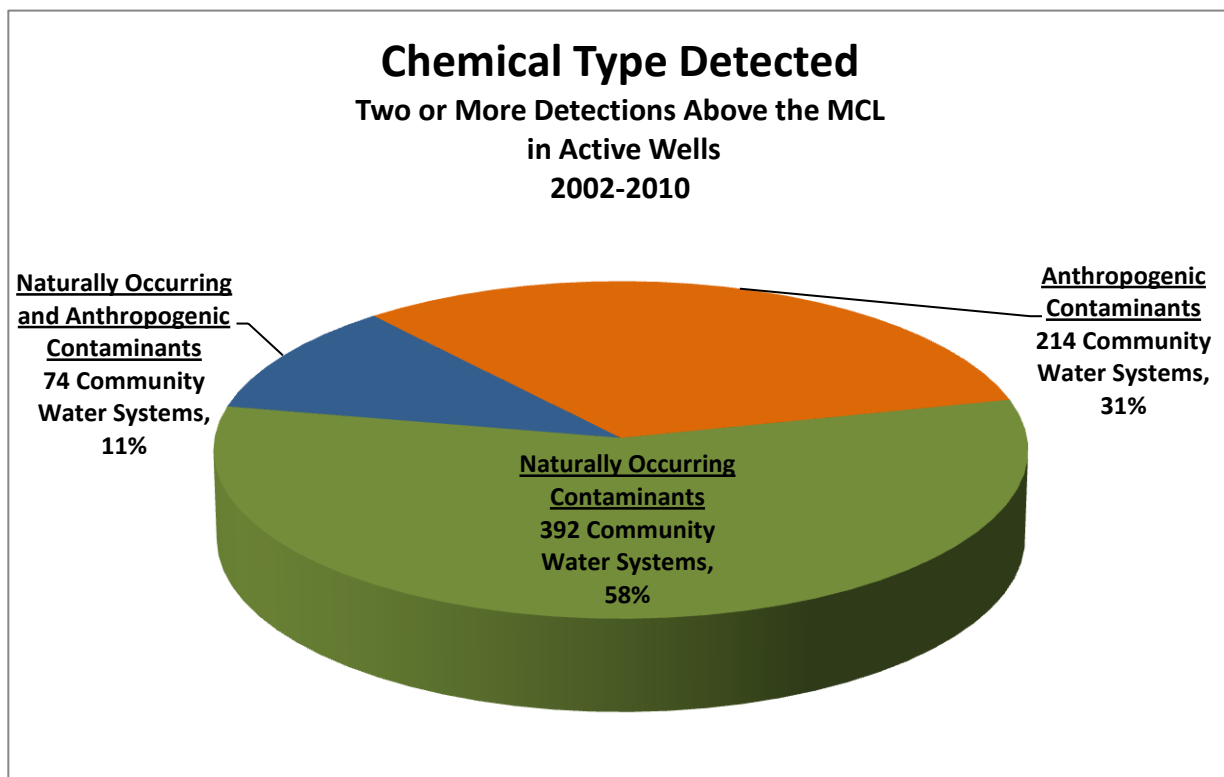


Figure 2.2: Type of Principal Contaminant Detected in Active Community Water System Wells

Table 2.2: Principal Contaminants Detected in Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| Principal Contaminant (PC) | Community Water Systems Where PC Has Been Detected ^a | Community Water System Wells With Identified PC ^b | Wells Sampled for PC ^c | % of Sampled Wells Above MCL ^d | MCL (µg/L) | Contaminant Type ^{e,f} |
|------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------|-------------------------------------------|---------------------|-------------------------------------|
| Arsenic | 287 | 587 | 7,232 | 8.1 | 10 | Inorganic |
| Nitrate (as NO ₃) | 205 | 451 | 8,167 | 5.5 | 45,000 | Inorganic/ Nutrient |
| Gross alpha particle activity | 182 | 333 | 7,405 | 4.5 | 15 ^h | Radionuclide |
| Perchlorate | 57 | 179 | 6,999 | 2.6 | 6 | Inorganic |
| Tetrachloroethylene (PCE) | 60 | 168 | 6,214 | 2.7 | 5 | VOC ^f |
| Trichloroethylene (TCE) | 44 | 159 | 6,217 | 2.6 | 5 | VOC ^f |
| Uranium ^g | 89 | 157 | 3,201 | 4.9 | 30 ^h /20 | Inorganic/ Radionuclide |
| 1,2-Dibromo-3-chloropropane (DBCP) | 36 | 118 | 4,330 | 2.7 | 0.2 | VOC ^f / Legacy Pesticide |
| Fluoride (natural) | 41 | 79 | 6,972 | 1.1 | 2,000 | Inorganic |
| Carbon tetrachloride | 17 | 52 | 6,209 | 0.8 | 0.5 | VOC ^f |
| 1,1-Dichloroethylene (1,1-DCE) | 10 | 36 | 6,200 | 0.6 | 6 | VOC ^f |
| 1,2-Dichloroethane (1,2-DCA) | 10 | 24 | 6,207 | 0.4 | 0.5 | VOC ^f |
| cis-1,2-Dichloroethylene | 9 | 12 | 6,199 | 0.2 | 6 | VOC ^f |
| Aluminum | 8 | 9 | 6,945 | 0.1 | 1,000 | Inorganic |
| Selenium | 6 | 9 | 6,900 | 0.1 | 50 | Inorganic |
| Chromium, Total | 6 | 7 | 6,761 | 0.1 | 50 | Inorganic |
| Benzene | 5 | 6 | 6,222 | 0.1 | 1 | VOC ^f |
| Ethylene dibromide (EDB) | 4 | 6 | 4,309 | 0.1 | 0.05 | VOC ^f / Pesticide |
| Methyl tertiary butyl ether (MTBE) | 4 | 5 | 7,108 | <0.1 | 13 | VOC ^f |
| Total Trihalomethanes | 3 | 3 | 5,596 | <0.1 | 80 | Disinfection Byproduct |
| Barium | 2 | 3 | 6,900 | <0.1 | 1,000 | Inorganic |
| Vinyl chloride | 3 | 3 | 6,207 | <0.1 | 0.5 | VOC ^f |
| Antimony | 2 | 2 | 6,882 | <0.1 | 6 | inorganic |

Table 2.2: Principal Contaminants Detected in Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water (cont.)

| Principal Contaminant (PC) | Community Water System Where PC Has Been Detected ^a | Community Water System Wells With Identified PC ^b | Wells Sampled for PC ^c | % of Sampled Wells >MCL ^d | MCL (µg/L) | Contaminant Type ^{e,f} |
|-----------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------|--------------------------------------|------------|---------------------------------|
| Bromate | 1 | 1 | 9 | 11.1 | 10 | Disinfection Byproduct |
| Nitrite (as N) | 1 | 2 | 7,271 | <0.1 | 1,000 | Inorganic |
| 1,1-Dichloroethane (1,1-DCA) | 1 | 1 | 6,199 | <0.1 | 5 | VOC ^f |
| Asbestos | 1 | 1 | 779 | 0.1 | 7 | Inorganic |
| Cyanide | 1 | 1 | 4,401 | <0.1 | 150 | VOC ^f |
| Di(2-ethylhexyl) phthalate (DEHP) | 1 | 1 | 2,504 | <0.1 | 4 | VOC ^f |
| Nickel | 1 | 1 | 6,906 | <0.1 | 100 | Inorganic |
| Trichlorofluoromethane (Freon 11) | 1 | 1 | 6,208 | <0.1 | 150 | VOC ^f |

Notes (gray shading indicates anthropogenic contaminant):

- The number of community water systems in which a principal contaminant was detected, on two or more occasions, at a concentration above an MCL during the most recent CDPH compliance cycle (2002-2010).
- Number of active community water system wells in which a principal contaminant was detected, on two or more occasions, at a concentration above an MCL during the most recent CDPH compliance cycle (2002-2010). A well is considered active if it was being used to provide drinking water to a community water system at the time that this report was being drafted (October 2011),
- The total number of active community water system wells that were sampled two or more times for the listed principal contaminant during the most recent CDPH compliance cycle (2002-2010).
- The percentage of active community water system wells sampled two or more times for the listed principal contaminant and have had two or more detections of a principal contaminant at a concentration above the MCL, during the most recent CDPH compliance cycle (2002-2010).
- General category of contaminant.
- VOC – Includes both volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC).
- Includes both California MCL and USEPA MCL data.
- In units of pCi/L, or picocuries per liter

2.2 Types of Contaminants

There are two types of contaminants that can be detected in groundwater: naturally occurring and anthropogenic. Distinguishing between naturally occurring and anthropogenic compounds is useful in addressing groundwater cleanup and alternative water supply options. For the remainder of this report, the naturally occurring contaminants are distinguished from those that are caused by human activities.

- Naturally Occurring Contaminants: Groundwater contains chemical constituents not from human activities. The types and concentrations of these chemical constituents depend on the geologic material through which the groundwater moves.

Some naturally occurring chemicals can occur at high concentrations due to human activities. For example, nitrate can occur naturally at low concentrations in groundwater. However, nitrate concentrations greater than approximately 15 milligrams per liter (mg/L) as NO_3 are associated with agricultural activity (fertilizer, irrigation, feedlots) or sewage.

- Anthropogenic Contaminants: Groundwater can be contaminated as a result of human activities such as municipal and industrial wastewater disposal, industrial and commercial chemical use, spills, fuel releases from aboveground and underground storage tanks, pesticide and fertilizer application, and septic tank discharges. Anthropogenic principal contaminants as identified in this report include nitrate, perchlorate, PCE, TCE, DBCP and carbon tetrachloride.

Twenty-one of the 31 principal contaminants detected in community water system wells are anthropogenic in origin. Anthropogenic and naturally occurring principal contaminants are distinguished by shading for easy identification in Table 2.2, Figure 2.3, and Figure 2.4.

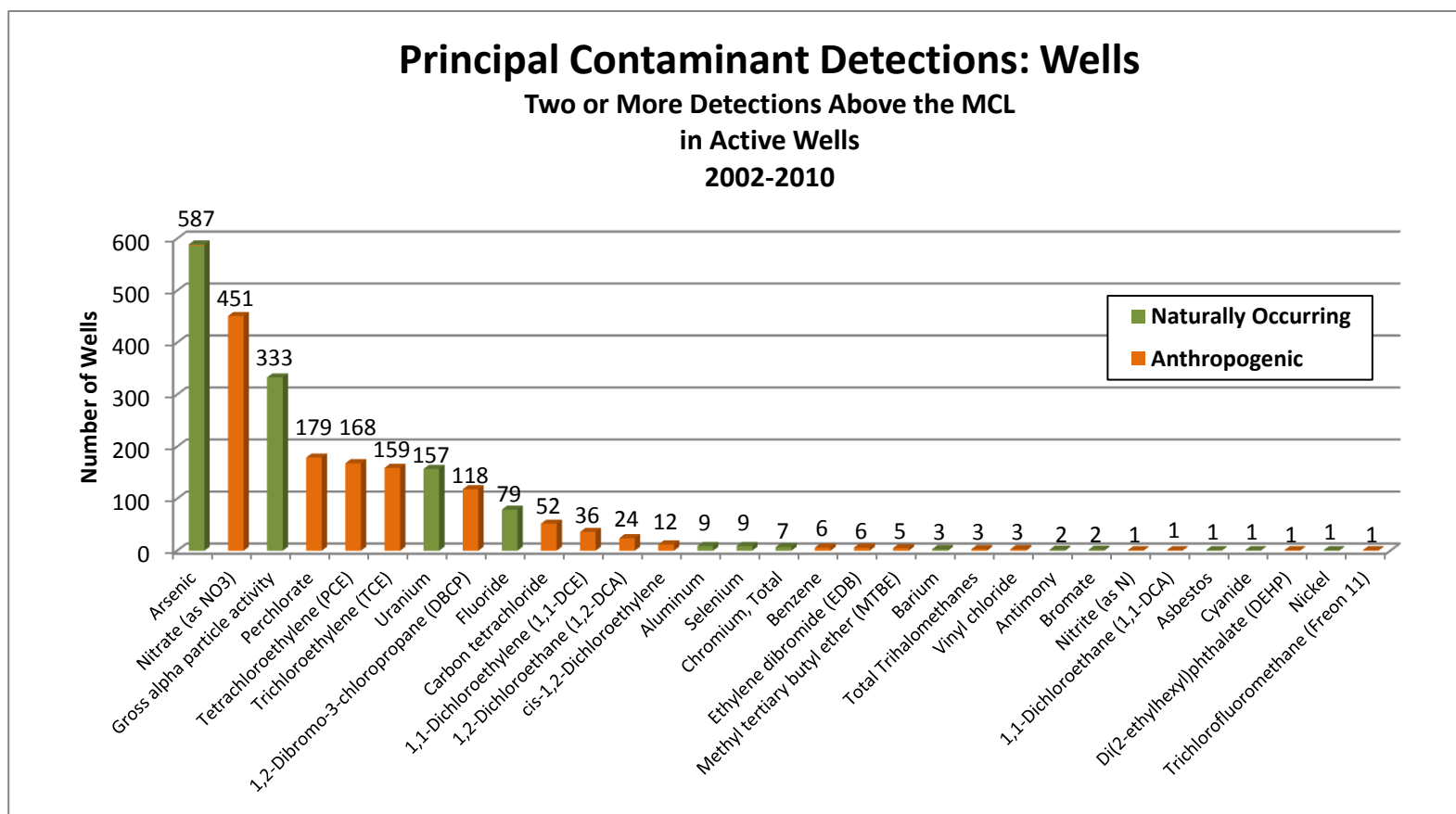


Figure 2.3: Number of Active Community Water System Wells in which a Principal Contaminant was Detected (on Two or More Occasions above the MCL, 2002-2010)

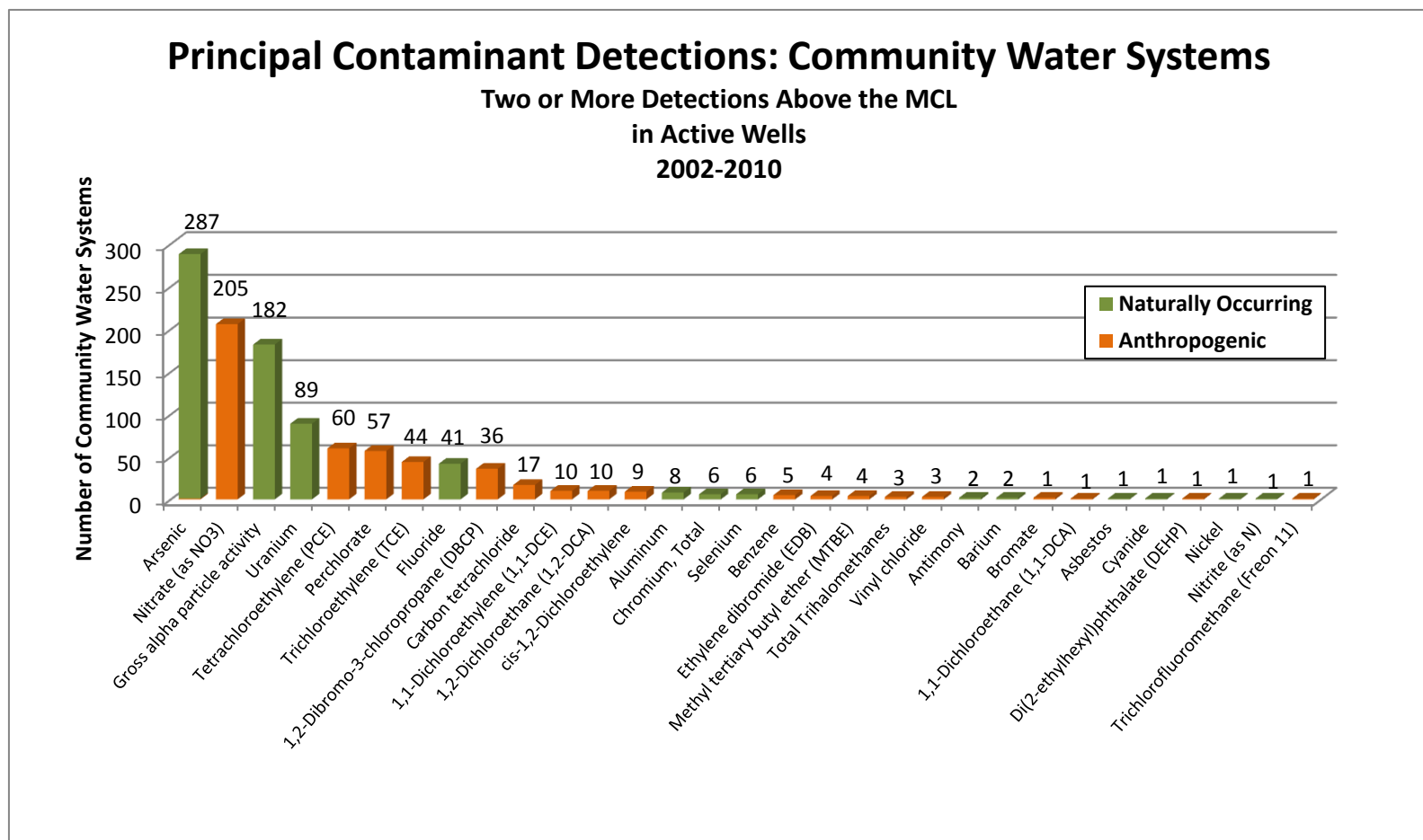


Figure 2.4: Number of Active Community Water Systems in which a Principal Contaminant was Detected (on Two or More Occasions above the MCL, 2002-2010)

2.3 Private Domestic Wells

A significant portion of California's population does not get its drinking water from public water supplies. Approximately 2 million Californians rely on groundwater from either a private domestic well or a smaller groundwater-reliant system that is not regulated by the state. Many of these well owners are unaware of the quality of their well water, since the state does not require them to test their water quality. Private domestic wells and small non-community water systems typically tap into shallow groundwater, which is more susceptible to contamination. However, the state does not regulate the quality, enforce drinking water standards, or require water quality monitoring from private domestic wells. As a result, private domestic well users may not know the quality of their drinking water, and the lack of domestic well water quality data is a significant data gap in terms of evaluating California's drinking water quality.

The State Water Board's Groundwater Ambient Monitoring and Assessment (GAMA) Domestic Well Project was developed in order to address the lack of domestic well water quality data. The Domestic Well Project samples domestic wells for commonly detected chemicals in specific county focus areas across the state. Results are used by the GAMA Program to evaluate the quality of groundwater in these county focus areas. Since 2002, the Domestic Well Project has sampled 1,067 private domestic wells in five county focus areas (Yuba, El Dorado, Tehama, Tulare, and San Diego). In addition, Monterey County was sampled in the spring of 2011; however, the data were not final at the time of this report's preparation, and as a result were not used in this study.

Results from sampled domestic wells highlight the variability of groundwater quality throughout the state (see Table 2.3). For example, Tehama and Yuba counties had few domestic wells with nitrate concentrations above the MCL (less than 1 percent and 2 percent, respectively). However, 40 percent of the domestic wells sampled in Tulare County detected nitrate above the MCL. Some counties had unique constituents of concern. In San Diego County, radionuclides were detected above the MCL in roughly 35 percent of the domestic wells sampled. In Tehama County, arsenic was detected above the MCL in 13 percent of the domestic wells sampled. In general, approximately 10 percent of the domestic wells sampled had at least one constituent above a drinking water standard. Detailed results for each of the county focus areas are included on the Domestic Well Project website at:

http://www.waterboards.ca.gov/water_issues/programs/gama/domestic_well.shtml

To date, the GAMA Domestic Well Project has sampled only a small percentage of the estimated 200,000 to 600,000 private domestic wells in the state. Groundwater contamination can affect owners of domestic wells (e.g., nitrate in Tulare County), and this contamination represents a health risk to communities that rely on private domestic wells for their drinking water. The quality of drinking water supplied by domestic wells is largely unknown in California. Continued domestic well sampling will help identify local and regional groundwater quality issues that may affect well owners.

**Table 2.3: Summary of Detections Above a Drinking Water Standard
GAMA Domestic Well Project – All County Focus Areas**

| Constituent of Concern | Drinking Water Standard | Yuba (2002) 128 Wells | El Dorado (2003-04) 398 Wells | Tehama (2005) 223 Wells | Tulare (2006) 181 Wells | San Diego (2008-09) 137 Wells | Total 1067 wells |
|-------------------------------------------|-----------------------------|-----------------------------|-------------------------------------|-------------------------------|-------------------------------|-------------------------------------|---------------------|
| Bacteria Indicators | | | | | | | |
| Total Coliform | Present ¹ | 31 (24 %) | 111 (28%) | 56 (25%) | 60 (33%) | 36 (26%) | 294 (28%) |
| Fecal Coliform | Present ¹ | 4 (3%) | 14 (4%) | 3 (1%) | 13 (7%) | NAS | 34 (3%) |
| Major Ions & General Chemistry | | | | | | | |
| Nitrate | 45 mg/L ¹ | 2 (2%) | 7 (2%) | 2 (<1%) | 72 (40%) | 25 (18%) | 108 (10%) |
| Perchlorate | 6 µg/L ¹ | Not Tested | Not Tested | Not Tested | 2 (6%) | 4(3%) | 6 (4%) |
| Chloride | 500 mg/L ² | NAS | NAS | NAS | NAS | 3 (1%) | 3 (<1%) |
| Fluoride | 2 mg/L ¹ | NAS | NAS | NAS | NAS | 1 (<1%) | 1 (<1%) |
| Sulfate | 500 mg/L ² | NAS | NAS | NAS | NAS | 1 (<1%) | 1 (<1%) |
| Total Dissolved Solids | 1,000 mg/L ² | 2 (2%) | NAS | NAS | 4 (2%) | 21 (15%) | 27 (3%) |
| Specific Conductance | 1,600 µmhos/cm ² | NAS | NAS | NAS | 4 (2%) | 19 (14%) | 23 (2%) |
| Metals | | | | | | | |
| Aluminum | 1,000 µg/L ¹ | 3 (2%) | 1 (<1%) | NAS | NAS | NAS | 4 (<3%) |
| Antimony | 6 µg/L ¹ | 1 (1%) | 2 (<1%) | NAS | NAS | NAS | 3 (<1%) |
| Arsenic | 10 µg/L ¹ | 7 (5%) | 14 (4%) | 28 (13%) | 2 (1%) | 3 (2%) | 54 (5%) |
| Barium | 1 mg/L ¹ | NAS | NAS | NAS | NAS | 1(<1%) | 1 (<1%) |
| Beryllium | 4 µg/L ¹ | NAS | NAS | NAS | 1 (<1%) | NAS | 1 (<1%) |
| Boron | 1 mg/L ³ | NAS | NAS | NAS | 1 (<1%) | 4(3%) | 5 (<1%) |
| Cadmium | 5 µg/L ¹ | NAS | NAS | NAS | NAS | 2 (1%) | 2 (<1%) |

**Table 2.3: Summary of Detections Above a Drinking Water Standard
GAMA Domestic Well Project – All County Focus Areas (cont.)**

| Constituent of Concern | Drinking Water Standard | Yuba (2002) 128 Wells | El Dorado (2003-04) 398 Wells | Tehama (2005) 223 Wells | Tulare (2006) 181 Wells | San Diego (2008-09) 137 Wells | Total 1067 wells |
|-----------------------------------------|-------------------------|----------------------------------------------------------|-------------------------------------|-------------------------------|-------------------------------|-------------------------------------|---------------------|
| Metals (continued) | | | | | | | |
| Chromium | 50 µg/L ¹ | NAS | NAS | 1 (<1%) | 2 (1%) | NAS | 3 (<1%) |
| Iron | 300 µg/L ² | 21 (17%) | 80 (20%) | 31 (14%) | 2 (1%) | 21 (15%) | 155 (15%) |
| Lead | 15 µg/L ³ | 2 (2%) | 3 (<1%) | 2 (1%) | NAS | 2 (1%) | 9 (1%) |
| Manganese | 50 µg/L ² | 39 (30%) | 97 (24%) | 19 (9%) | 2 (1%) | 45 (33%) | 202 (19%) |
| Nickel | 100 µg/L ¹ | 1 (<1%) | 1 (<1%) | NAS | 3 (2%) | NAS | 5 (<1%) |
| Thallium | 2 µg/L ¹ | 1 (<1%) | NAS | NAS | 6 (3%) | NAS | 7 (1%) |
| Vanadium | 50 µg/L ³ | NAS | NAS | NAS | 14 (8%) | 2 (1%) | 16 (1%) |
| Zinc | 5,000 µg/L ² | NAS | 1 (<1%) | NAS | 1 (<1%) | 2 (1%) | 4 (<1%) |
| Organics (Pesticides & VOCs) | | | | | | | |
| Volatile Organic Compounds | Varies by compound | 2 (2%) | 2 (<1%) | NAS | 9 (5%) | 1 (<1%) | 14 (1%) |
| Radionuclides | | | | | | | |
| Gross Alpha | 15 pCi/L ¹ | Radionuclides not routinely sampled in these Focus Areas | | | 3 of 13 wells tested | 19 of 54 wells tested | 22 (33%) |
| Radium 226+228 | 5 pCi/L ¹ | | | | 1 of 13 wells tested | 2 of 54 wells tested | 3 (4%) |
| Uranium | 20 pCi/L ¹ | | | | 1 of 13 wells tested | 16 of 54 wells tested | 17 (25%) |

Notes: California Department of Public Health (CDPH) Public Drinking Water Standards used for comparison purposes only. Domestic well water quality in California is not regulated.

NAS = None Above Standard. No samples were detected above a drinking water standard, VOCs = volatile organic compounds, (%) indicates percentage of wells tested with concentrations above a drinking water standard

Drinking Water Standards: 1 = CDPH Primary Maximum Contaminant Level (MCL); 2 = CDPH Secondary Maximum Contaminant Level (SMCL); 3 = CDPH Notification Level (NL)

µg/L = micrograms per liter; mg/L = milligrams per liter; µmhos/cm = micromhos per centimeter; pCi/L = picocuries per liter
Coliform are evaluated on a presence/absence criteria. No range can be determined.

Refer to each individual county summary of detections table for list of detected VOCs and pesticides and corresponding drinking water standards.

http://www.waterboards.ca.gov/water_issues/programs/gama/domestic_well.shtml

2.4 Maps Showing Distribution of Principal Contaminants

The distribution of naturally occurring principal contaminants, anthropogenic principal contaminants, and all 31 identified principal contaminants, are shown on the following pages. These maps reflect the condition of the raw groundwater quality used by community water systems that rely on groundwater for their drinking water supply during the most recent CDPH compliance cycle (2002-2010). The concentrations of the identified principal contaminants may differ significantly in shallow groundwater and in portions of the drinking water aquifer where wells have been destroyed or abandoned due to contamination.

2.5 Regional Patterns

Regional patterns can be inferred from the groundwater quality data used in this report. These patterns reflect the available data, and may not be representative of groundwater quality conditions across the state, particularly in areas or in portions of an aquifer that are not sampled or used by community water systems.

Active community water system wells with two or more detections above an MCL of naturally occurring contaminants are generally detected statewide (see Figure 2.5). Anthropogenic contaminants are also detected statewide; however, most contaminated wells are located in the Southern California Inland Empire, the east side of the San Joaquin Valley, the Salinas Valley and the Santa Maria Valley (see Figure 2.6). The regional distribution of the ten most frequently detected principal contaminants is discussed below.

Arsenic: A total of 587 active community water system wells have had two or more detections of arsenic above the MCL (see Table 2.1). These 587 wells are located in 287 community water systems throughout the state. The highest concentration (377 µg/L) was detected in Madera County. Wells that detect arsenic at the highest concentrations (more than 5 times the MCL) are located throughout the state (see Figure 2.7). Arsenic, in general, is a naturally occurring contaminant. California changed the arsenic MCL from 50 µg/L to 10 µg/L (equivalent to 10 micrograms per liter, µg/L) in 2008. Data used in this report represent an MCL of 10 µg/L.

Nitrate: A total of 451 active community water system wells have had two or more detections of nitrate above the MCL (see Table 2.1). These 451 wells are located in 205 community water systems. The highest concentration (720 µg/L) was detected in San Bernardino County. Most of the wells with the highest concentrations (more than three times the MCL) are located in the southeastern San Joaquin Valley, the Southern California Inland Empire area, and Ventura County (see Figure 18). Nitrate is considered an anthropogenic contaminant when concentrations exceed its MCL (45 µg/L).

Radionuclides (Gross Alpha): A total of 333 active community water system wells have had two or more detections of radionuclides (gross alpha) above the MCL (see Table 2.1). These 333 wells are located in 182 community water systems throughout the state. The highest concentration (920 µg/L) was detected in San Diego County. Most of the wells with the highest concentrations (more than three times the MCL, used as a benchmark) are located in the southeastern San Joaquin Valley, the Southern California Inland Empire, Ventura, and San Bonito areas (see Figure 2.9). Gross alpha radionuclides are a naturally occurring contaminant. Note: The gross alpha data evaluated in this report were not adjusted with respect to uranium or radon. The MCL for gross alpha is only used as a benchmark value and does not represent a compliance level.

Perchlorate: A total of 179 active community water system wells have had two or more detections of perchlorate above the MCL (see Table 2.1). These 179 wells are located in 57 community water systems, primarily in the Southern California Inland Empire area, San Bernardino County, and Tulare County (see Figure 2.10). The highest concentration (120 µg/L) was detected in San Bernardino County. Perchlorate is an anthropogenic contaminant when concentrations exceed the MCL.

Tetrachloroethylene (PCE): A total of 168 active community water system wells have had two or more detections of PCE above the MCL (see Table 2.1). These 168 wells are located in 60 community water systems across the state. The highest concentration (1,630 µg/L) was detected in Los Angeles County. Most of the wells with the highest concentrations (more than three times the MCL) are located in the Southern California Inland Empire, Sacramento County, and Butte County (see Figure 2.11). PCE is an anthropogenic contaminant.

Trichloroethylene (TCE): A total of 159 active community water system wells have had two or more detections of TCE above the MCL (see Table 2.1). These 159 wells are located in 44 community water systems across the state. The highest concentration (1,300 µg/L) was detected in Los Angeles County. Most of the wells with the highest concentrations (more than three times the MCL) are located in the Southern California Inland Empire and Fresno County (see Figure 2.12). TCE is an anthropogenic contaminant.

Uranium: A total of 157 active community water system wells have had two or more detections of uranium above the MCL (see Table 2.1). These 157 wells are located in 89 community water systems across the state. The highest concentration (1,000 µg/L) was detected in Madera County. Most of the wells with the highest concentrations (more than three times the MCL) are located in Madera, San Bernardino, and San Diego Counties (see Figure 2.13). Uranium is a naturally-occurring contaminant.

1,2-Dibromo-3-chloropropane (DBCP): A total of 118 active community water system wells have had two or more detections of DBCP above the MCL (see Table 2.1). These 118 wells are located in 36 community water systems across the state. The highest

concentration (3.3 µg/L) was detected in Fresno County. Most of the wells with the highest concentrations (more than three times the MCL) are located in Fresno, San Joaquin, San Bernardino, and Stanislaus Counties (see Figure 2.14). DBCP is an anthropogenic contaminant.

Fluoride (natural): A total of 79 active community water system wells have had two or more detections of fluoride above the MCL (see Table 2.1). These 79 wells are located in 41 community water systems across the state. The highest concentration (29 µg/L) was detected in Kern County. Most of the wells with the highest concentrations (more than three times the MCL) are located in southern California, specifically in San Bernardino, Kern, and Riverside Counties (see Figure 2.15). Fluoride is a naturally-occurring contaminant.

Carbon Tetrachloride: A total of 52 active community water system wells have had two or more detections of carbon tetrachloride above the MCL (see Table 2.1). These 52 wells are located in 17 community water systems across the state. The highest concentration (27 µg/L) was detected in Madera County. Most of the wells with the highest concentrations (more than three times the MCL) are located in Los Angeles County (see Figure 2.16). Carbon tetrachloride is an anthropogenic contaminant.

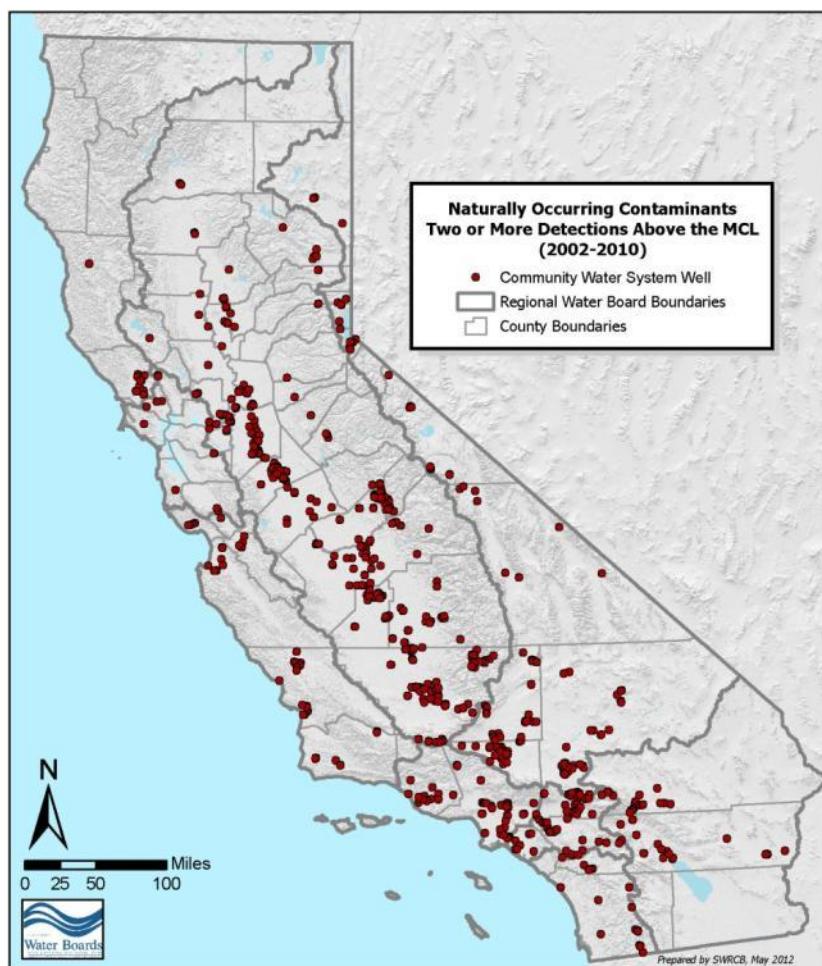


Figure 2.5: Naturally Occurring Principal Contaminants in Active Community Water System Wells (Two or More Detections above the MCL 2002-2010)

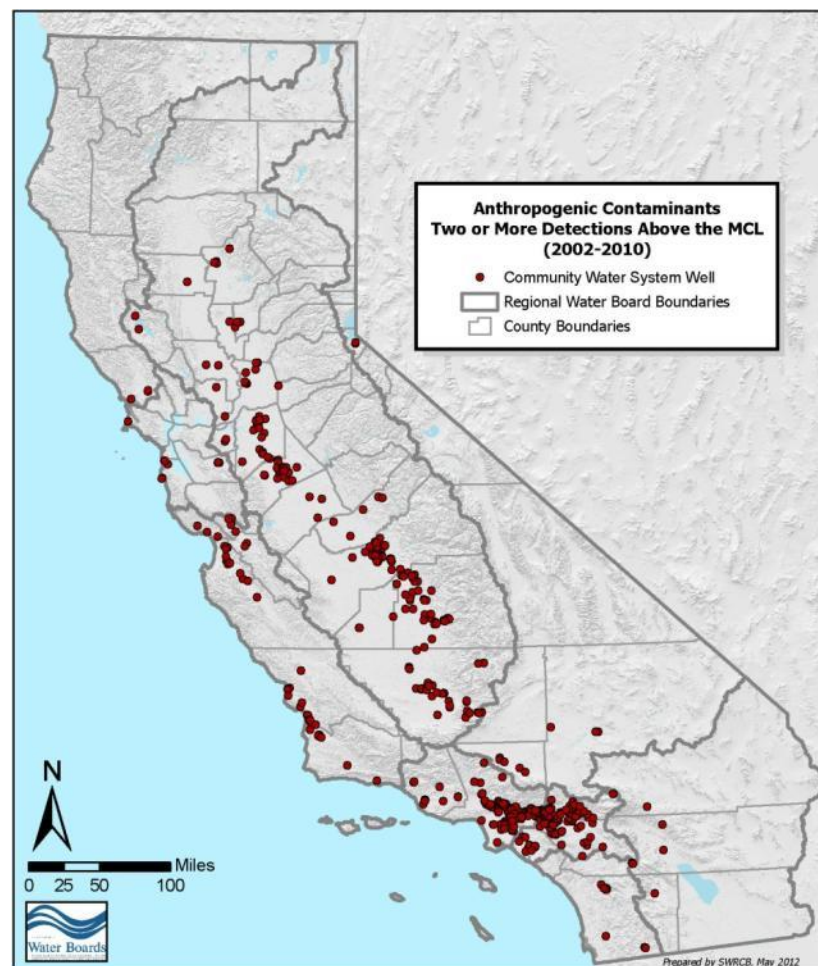


Figure 2.6: Anthropogenic Principal Contaminants in Active Community Water System Wells (Two or More Detections above the MCL 2002-2010)

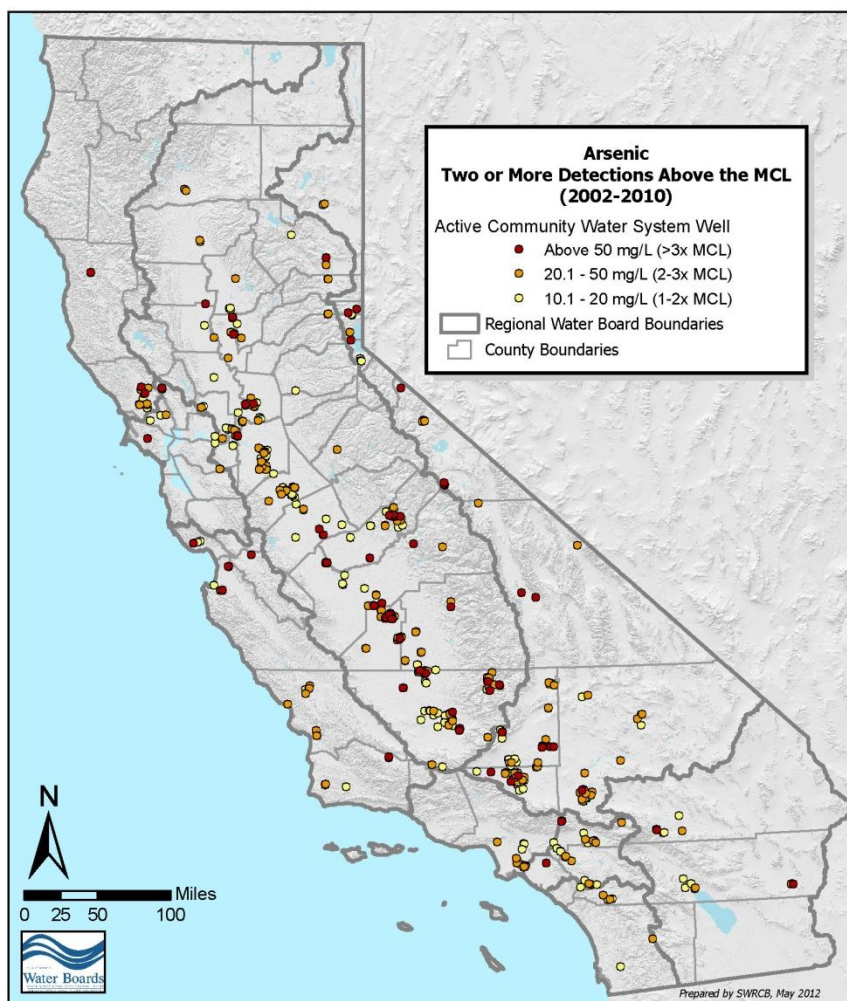


Figure 2.7: Arsenic in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

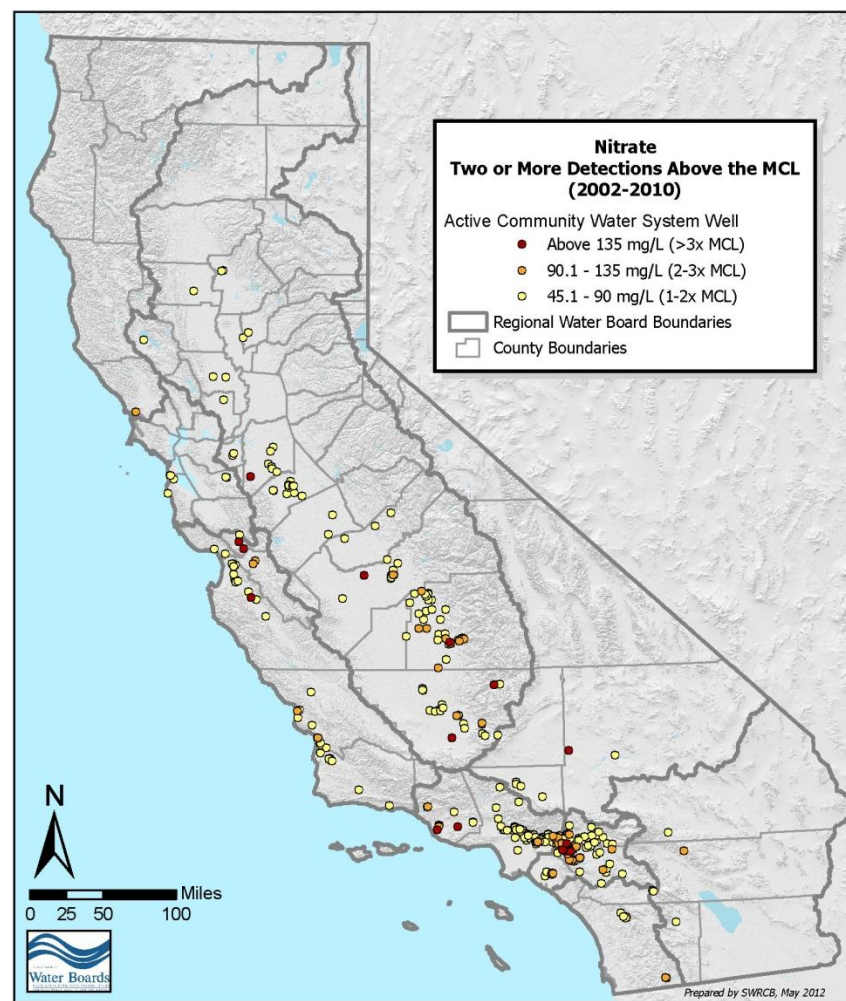


Figure 2.8: Nitrate in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

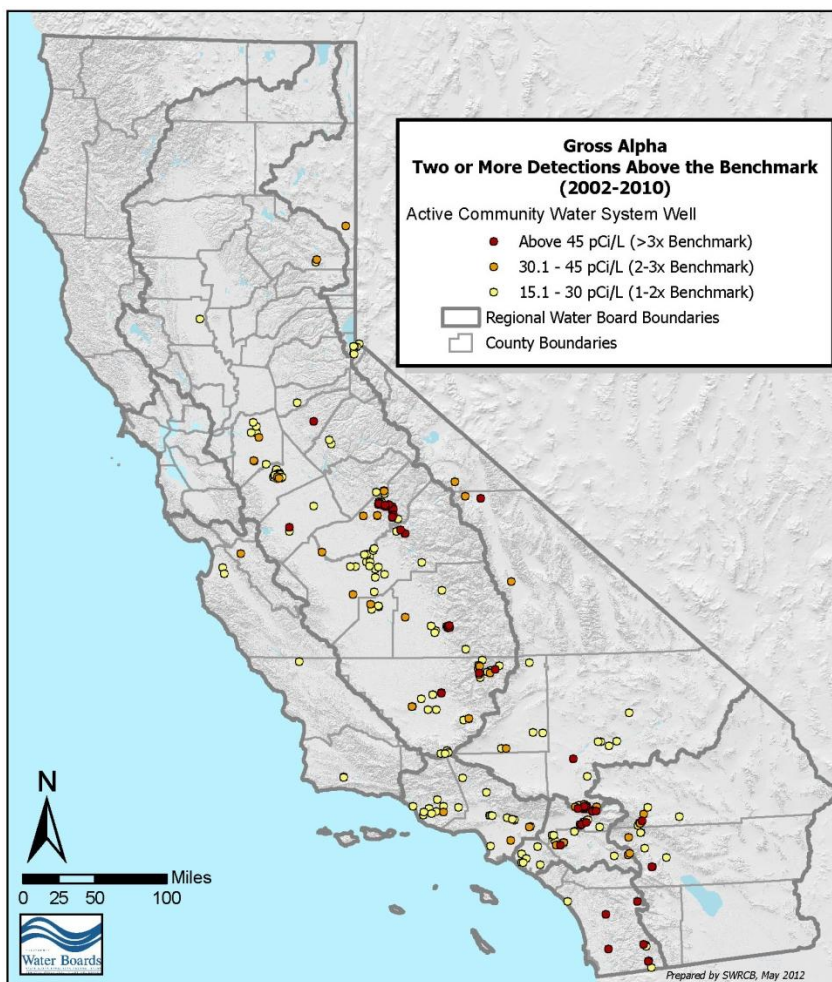


Figure 2.9: Radionuclides (Gross Alpha) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

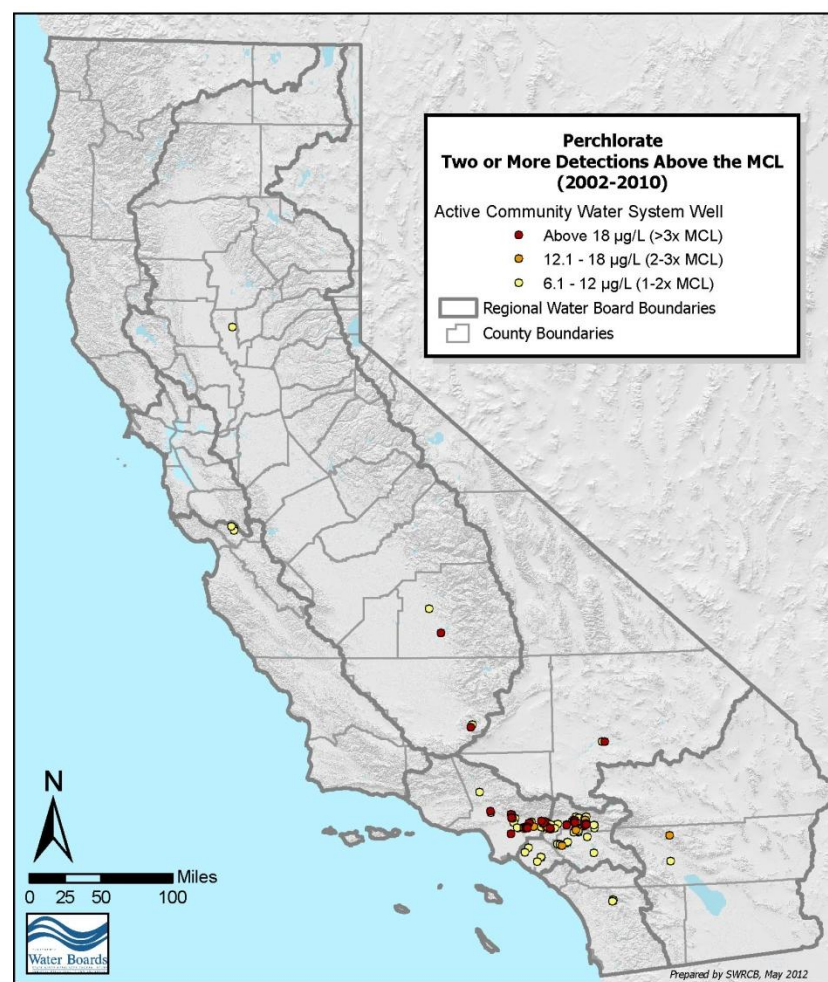


Figure 2.10: Perchlorate in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

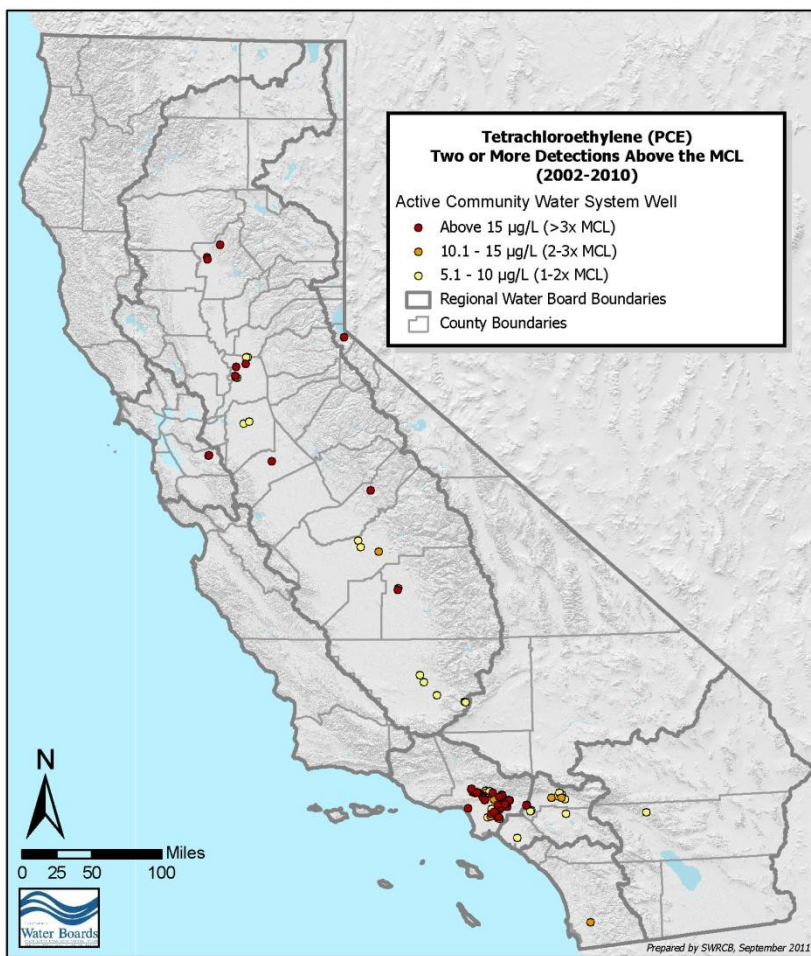


Figure 2.11: Tetrachloroethylene (PCE) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

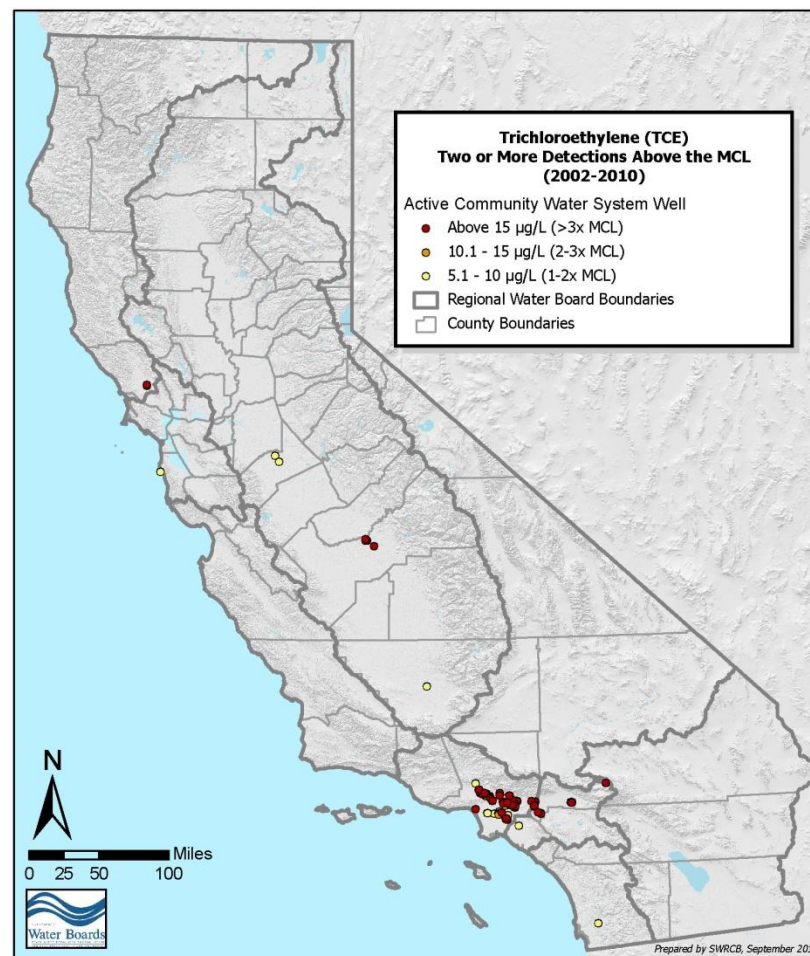


Figure 2.12: Trichloroethylene (TCE) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

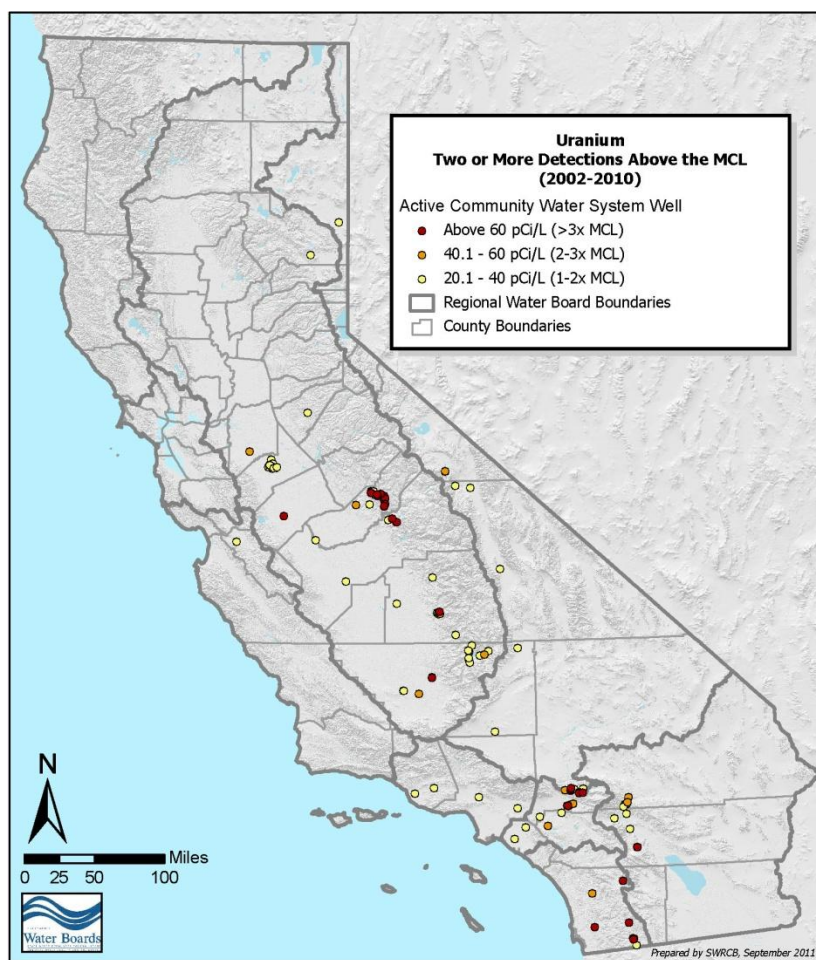


Figure 2.13: Uranium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

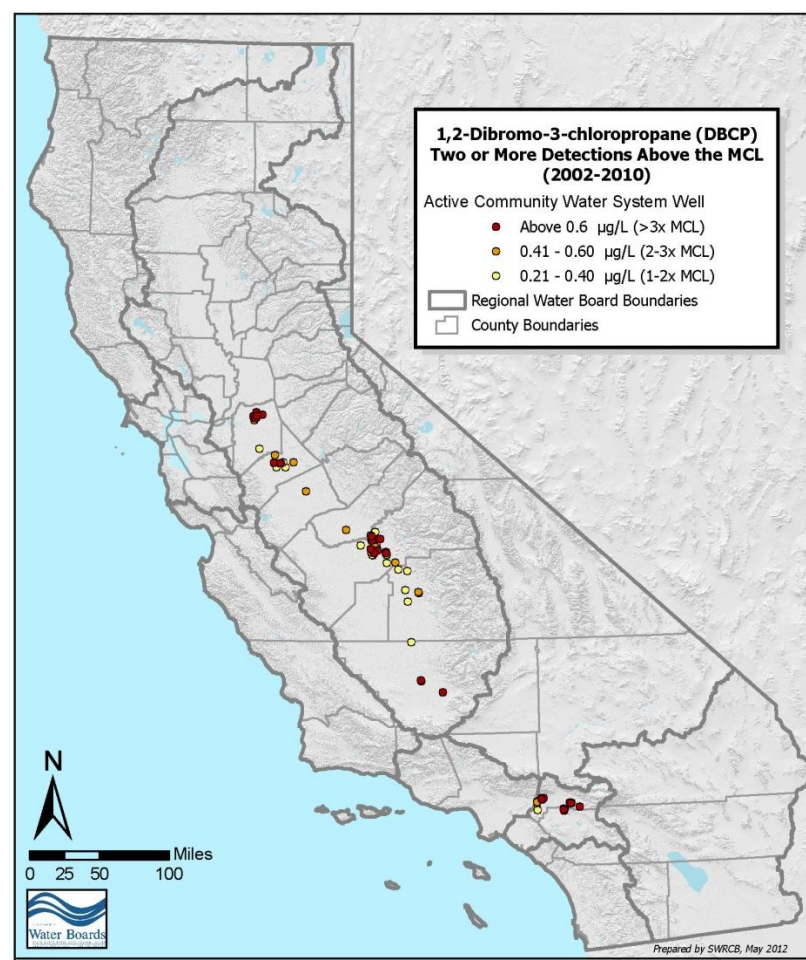


Figure 2.14: DBCP in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

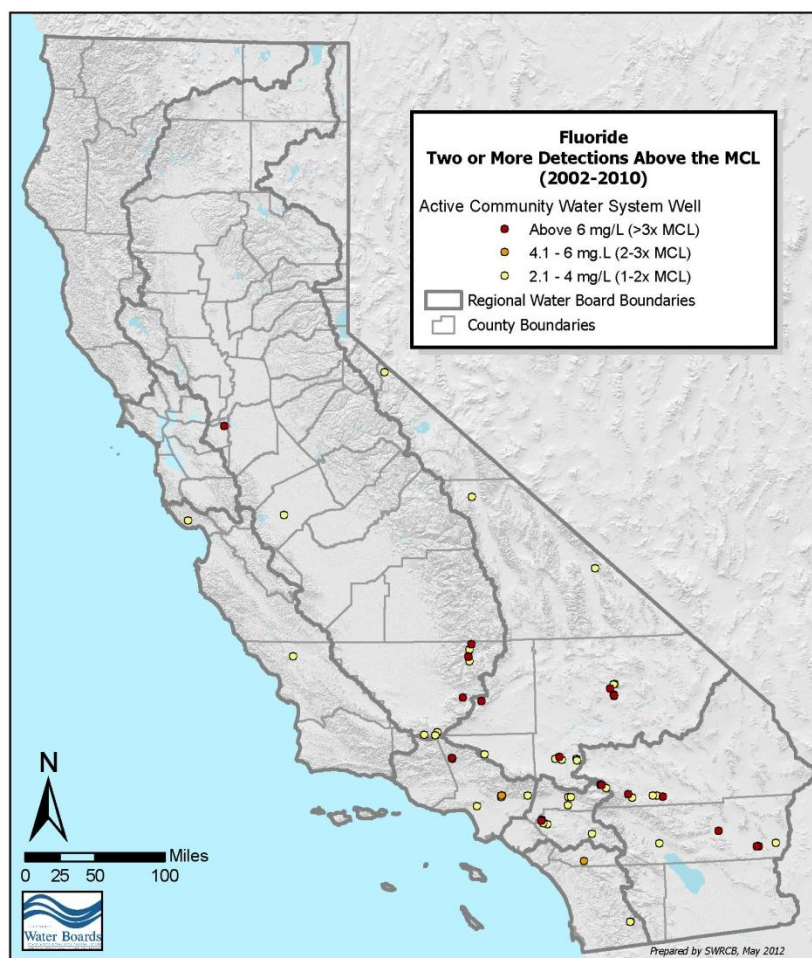


Figure 2.15: Fluoride (Naturally Occurring) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

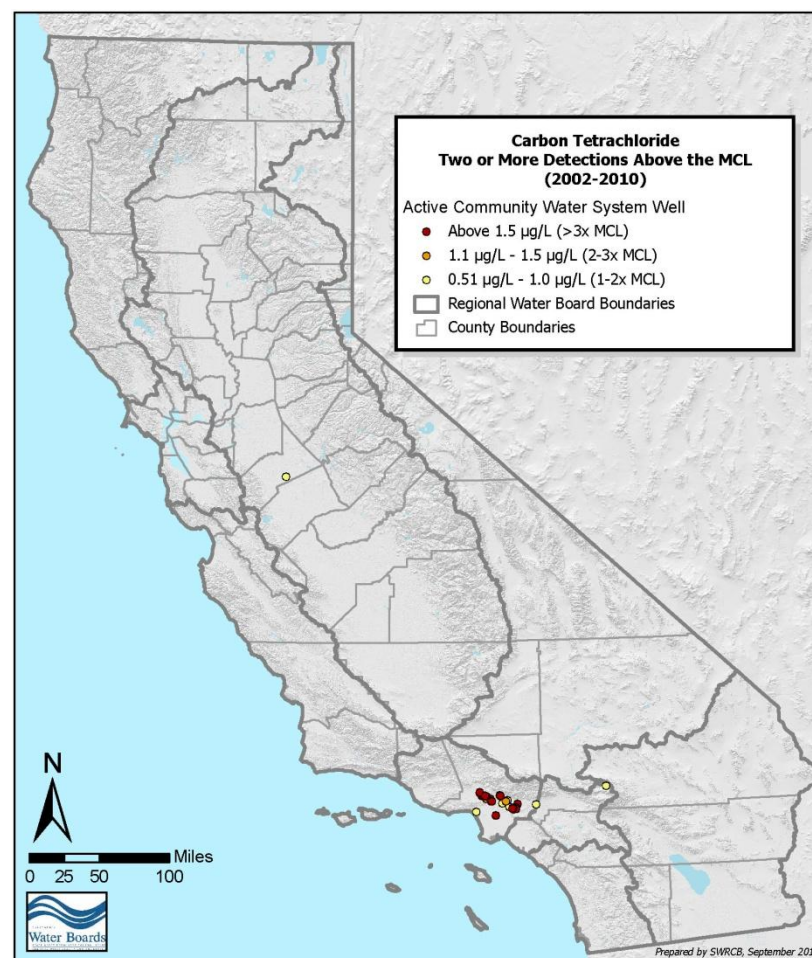


Figure 2.16: Carbon Tetrachloride in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

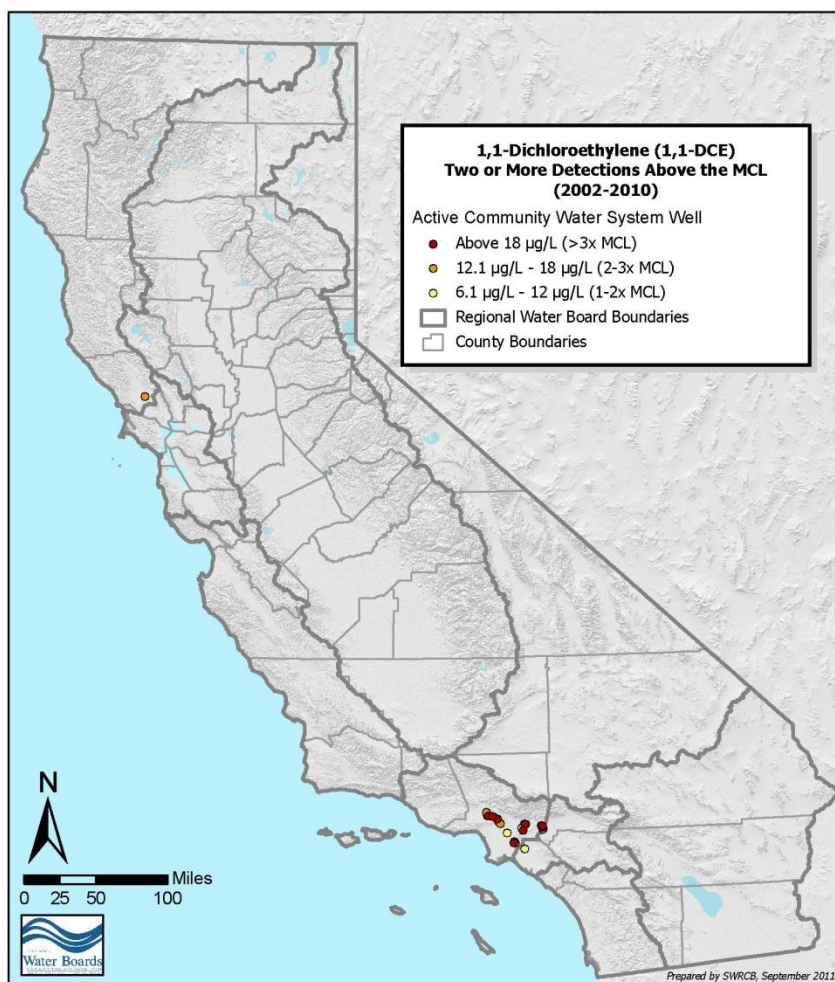


Figure 2.17: 1,1-Dichloroethylene in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

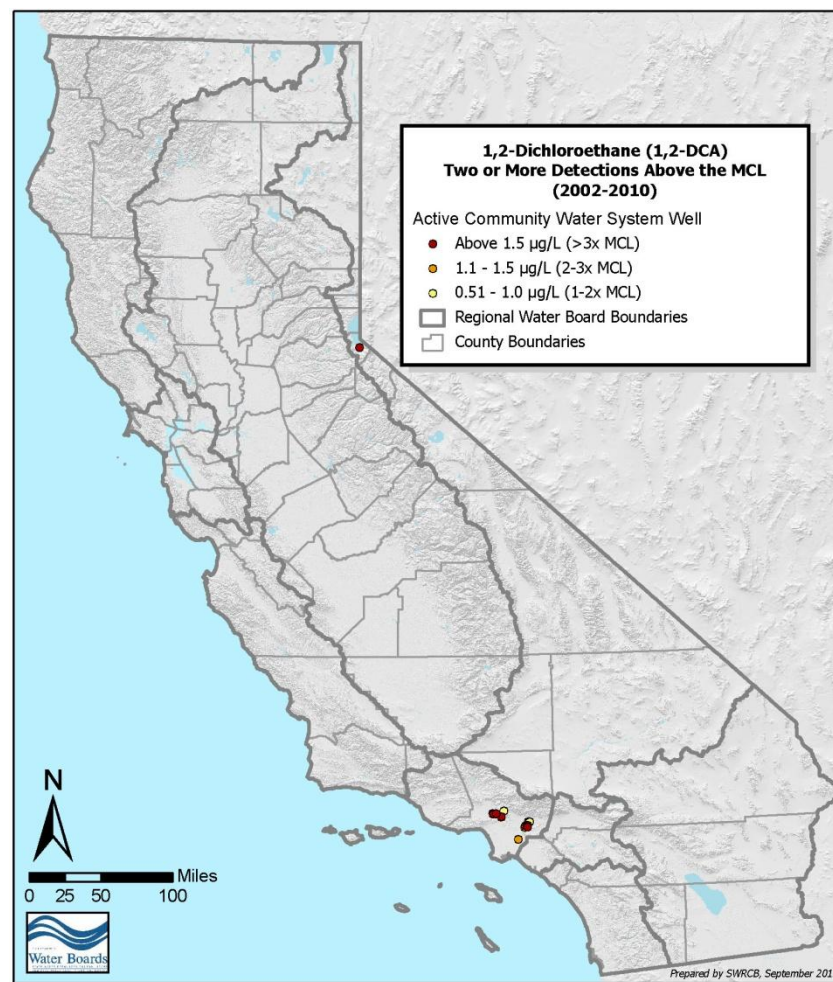


Figure 2.18: 1,2-Dichloroethane in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

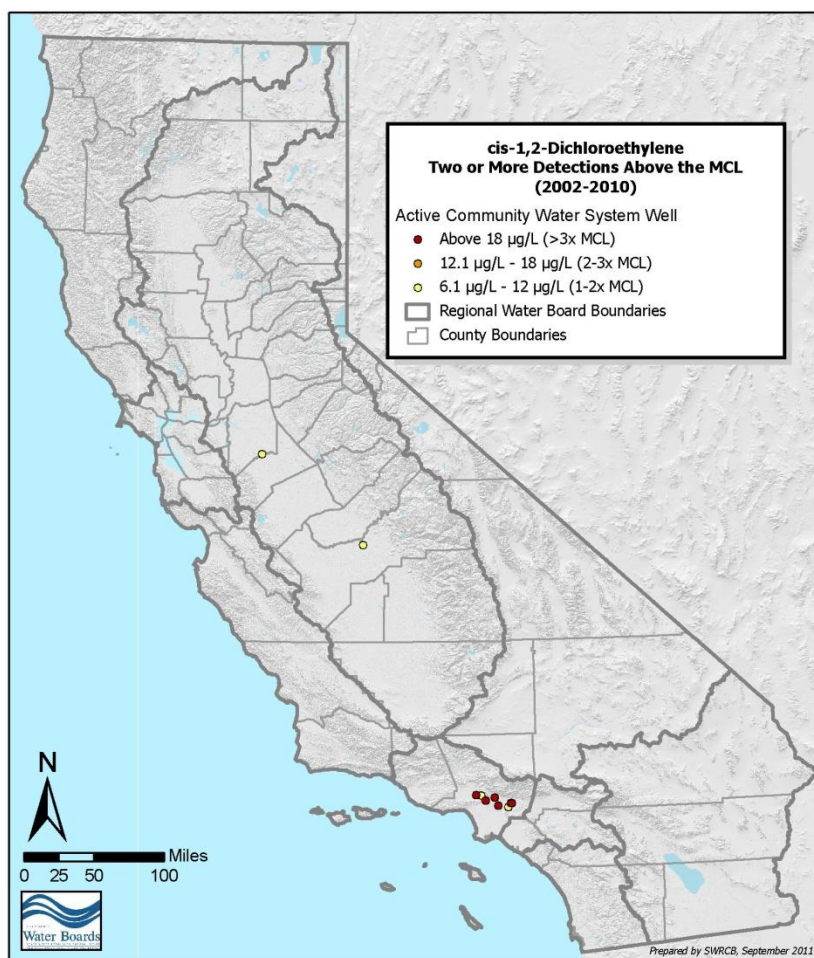


Figure 2.19: cis-1,2-Dichloroethylene in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

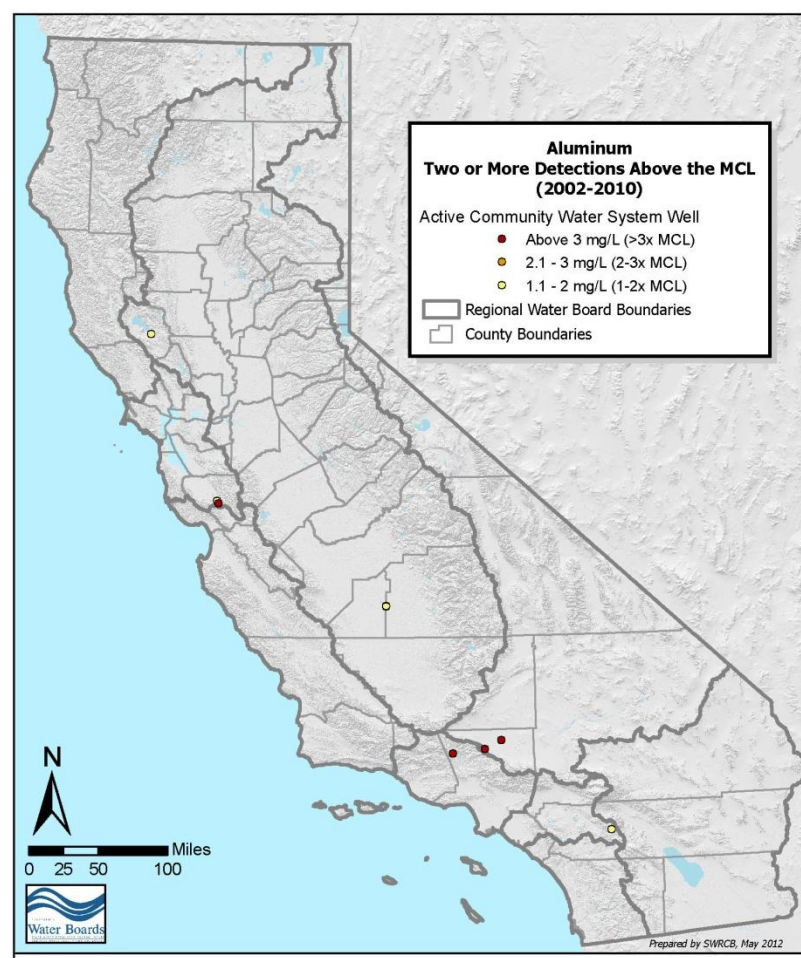


Figure 2.20: Aluminum in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

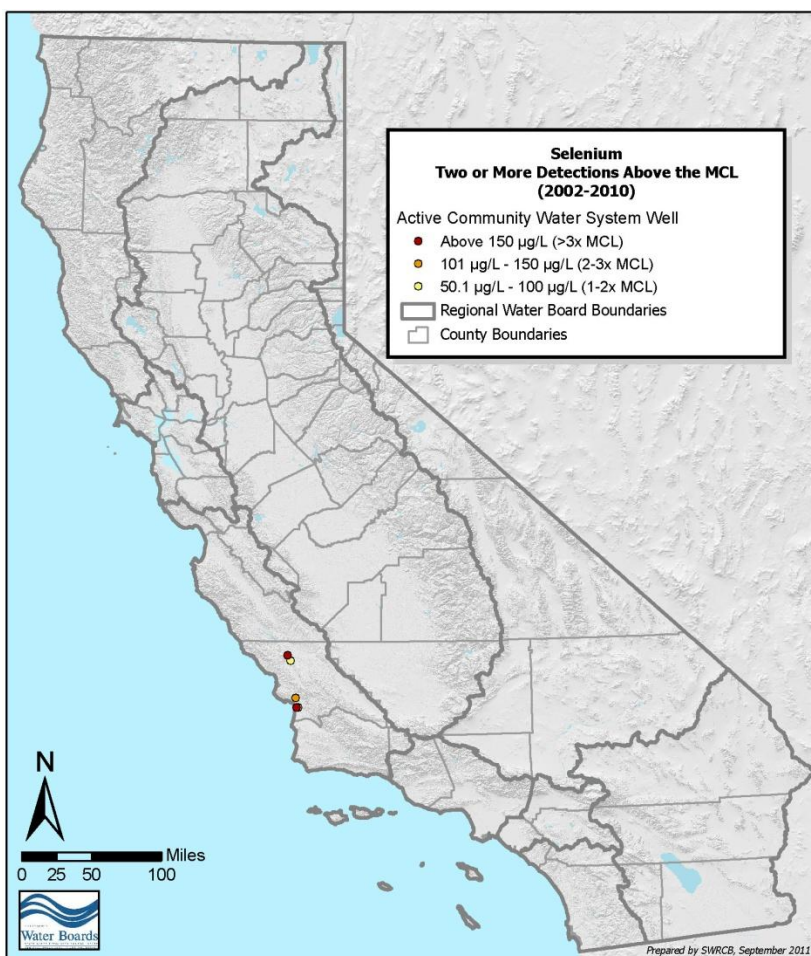


Figure 2.21: Selenium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

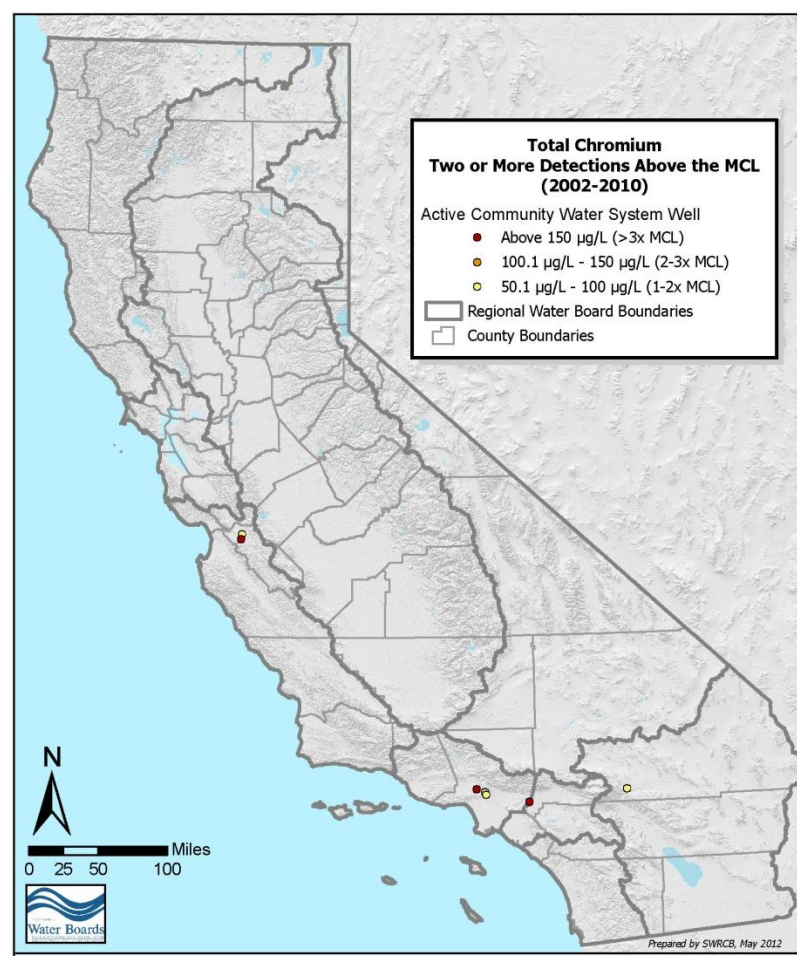


Figure 2.22: Total Chromium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

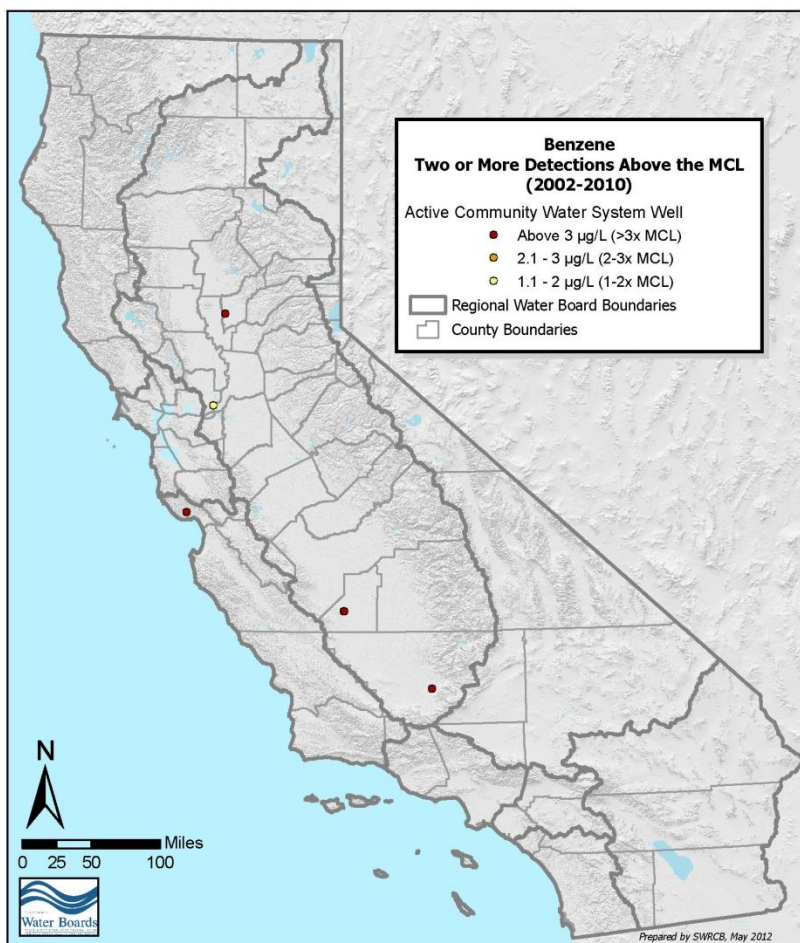


Figure 2.23: Benzene in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

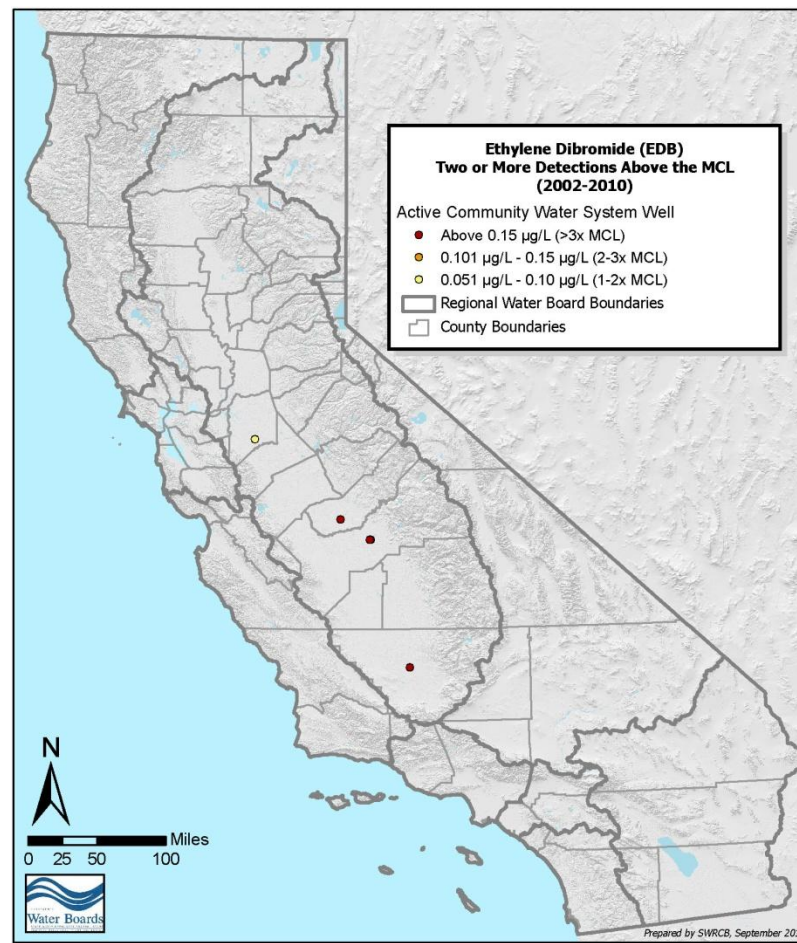


Figure 2.24: Ethylene Dibromide in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

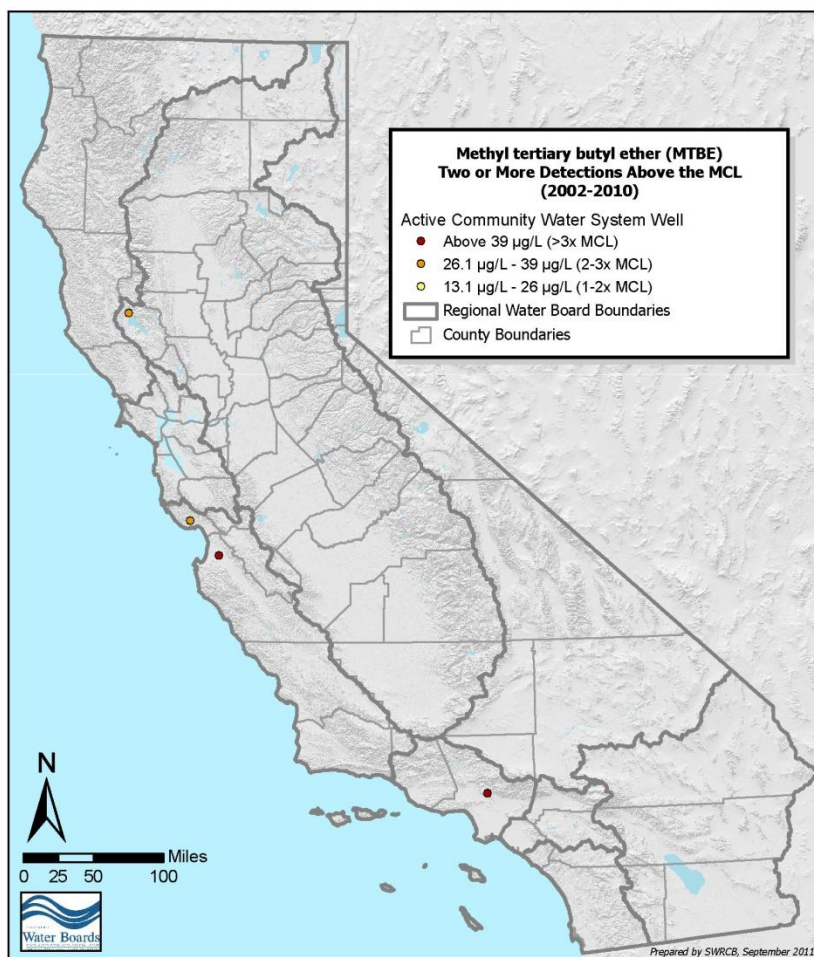


Figure 2.25: Methyl Tertiary Butyl Ether (MTBE) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

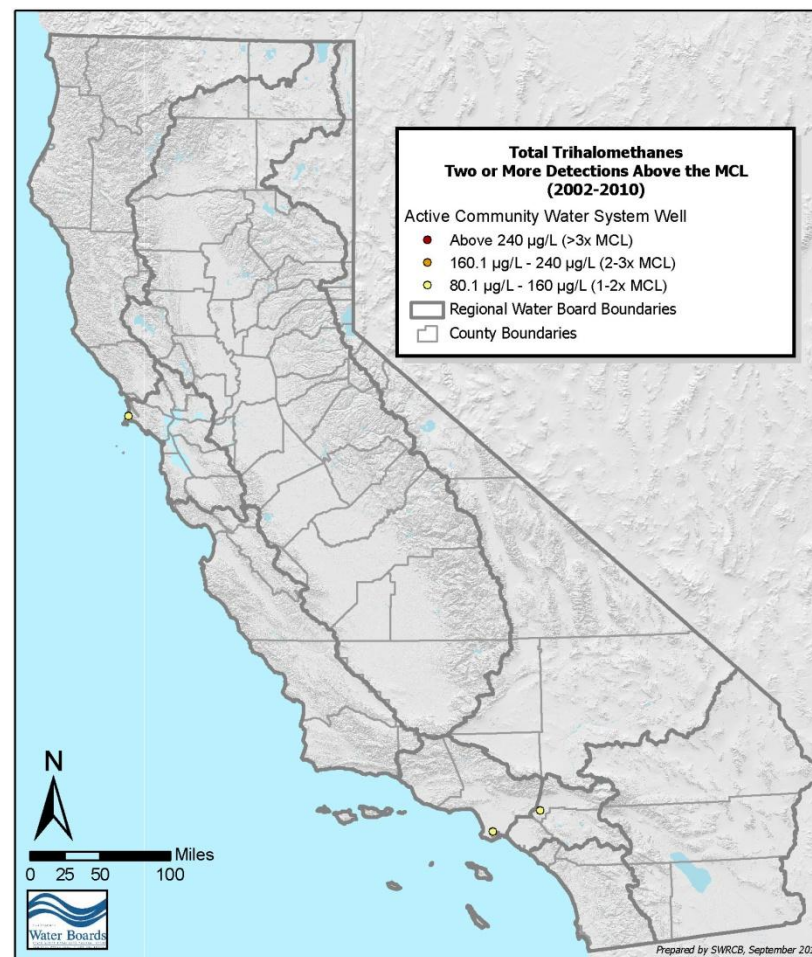


Figure 2.26: Total Trihalomethanes in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

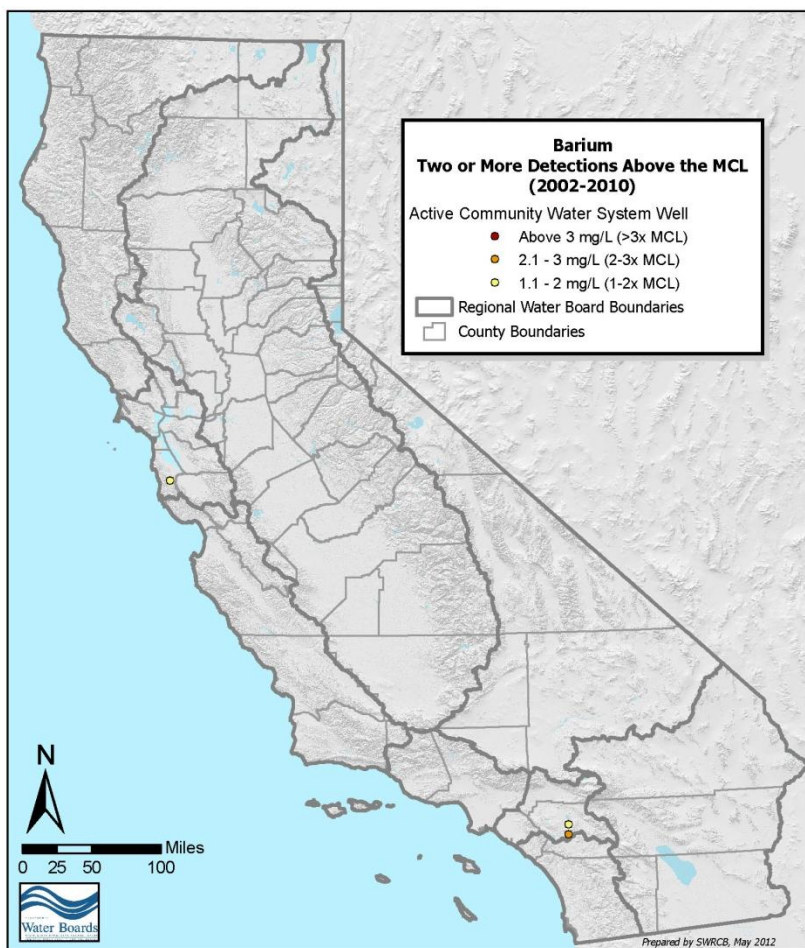


Figure 2.27: Barium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

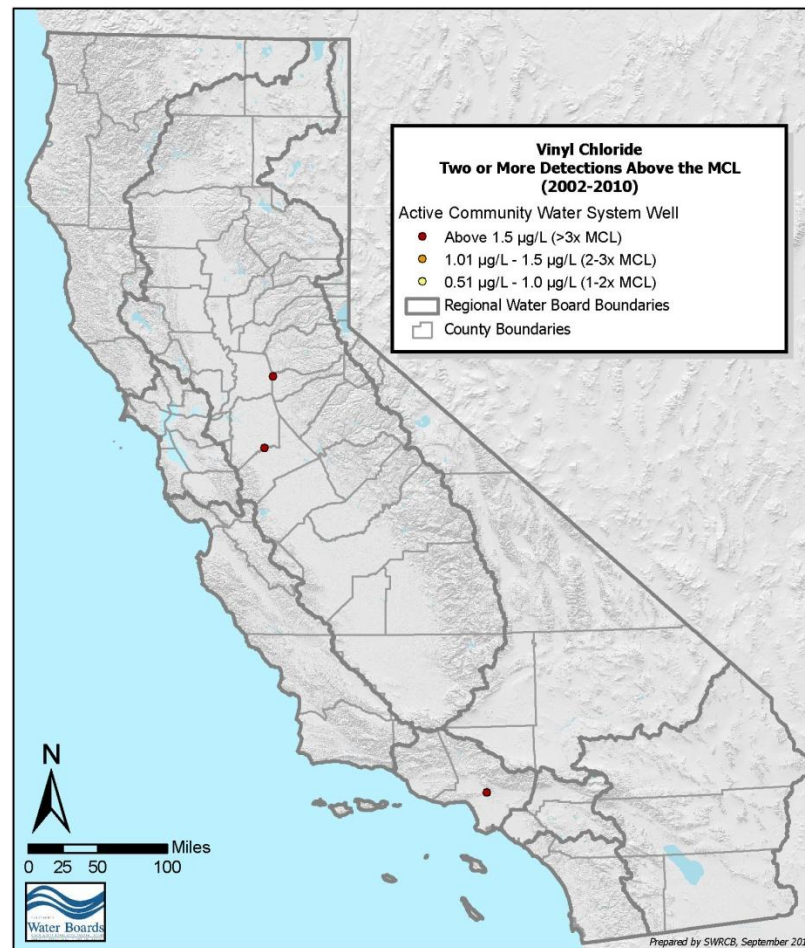


Figure 2.28: Vinyl Chloride in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

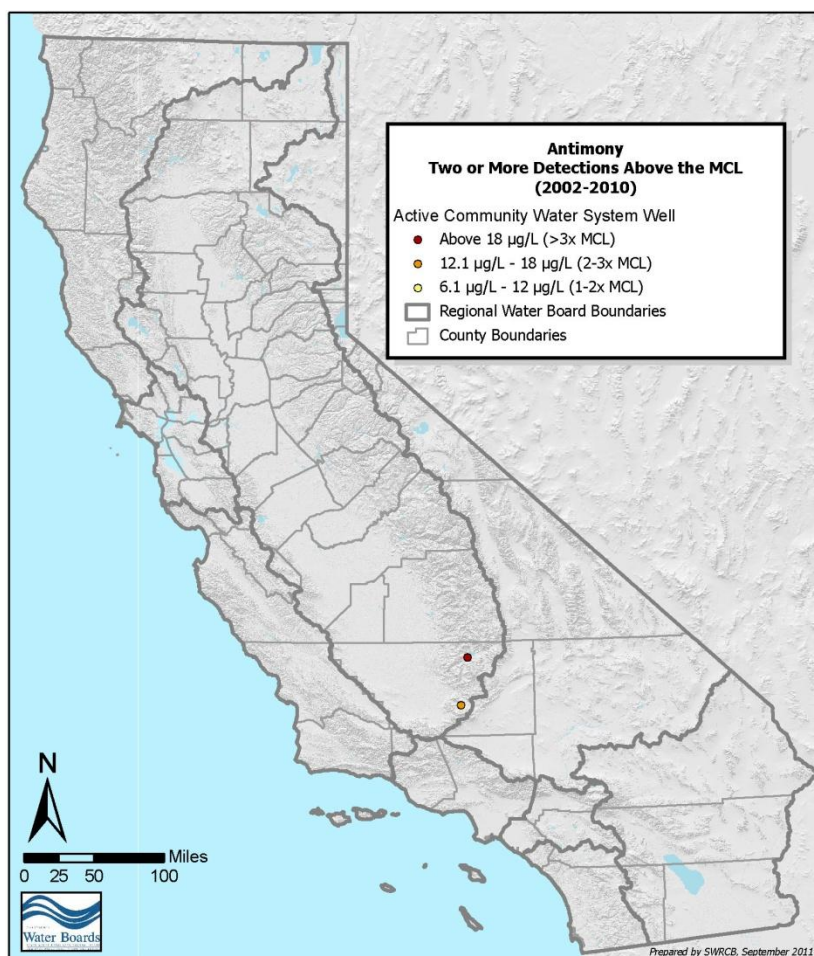


Figure 2.29: Antimony in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

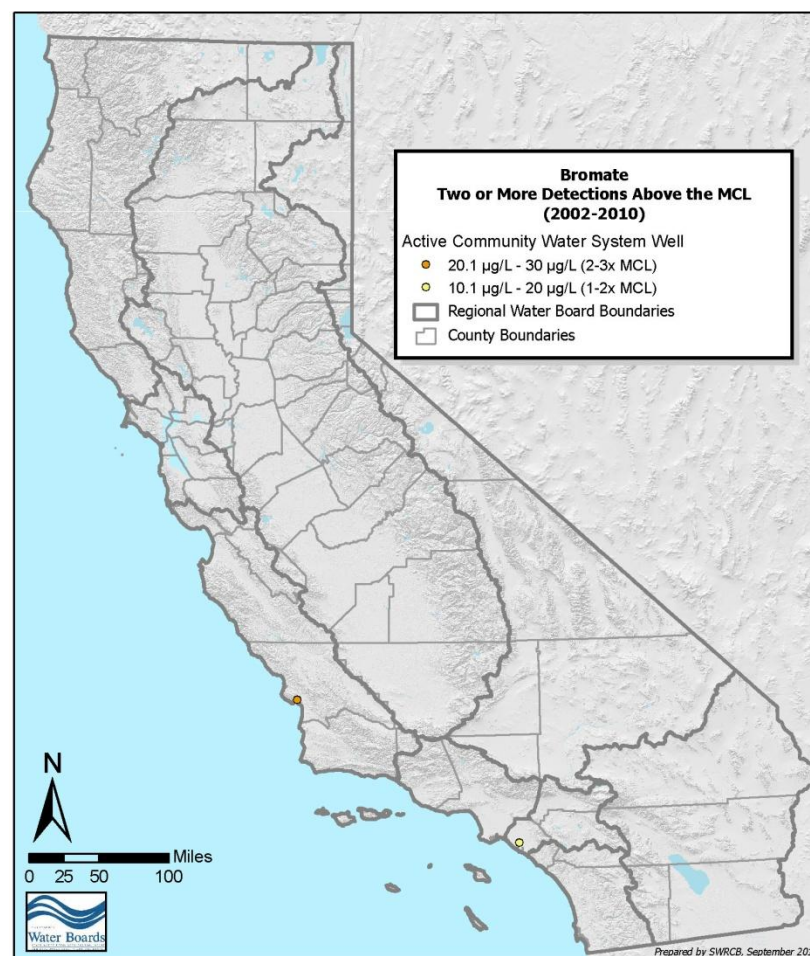


Figure 2.30: Bromate in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

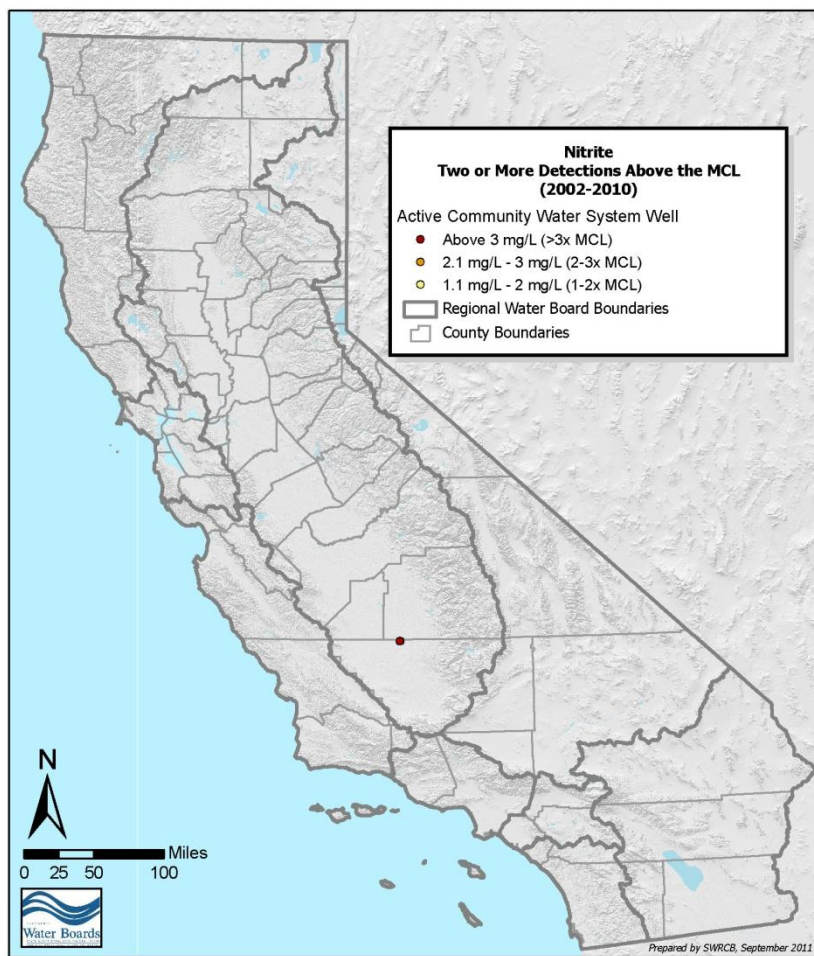


Figure 2.31: Nitrite (as N) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

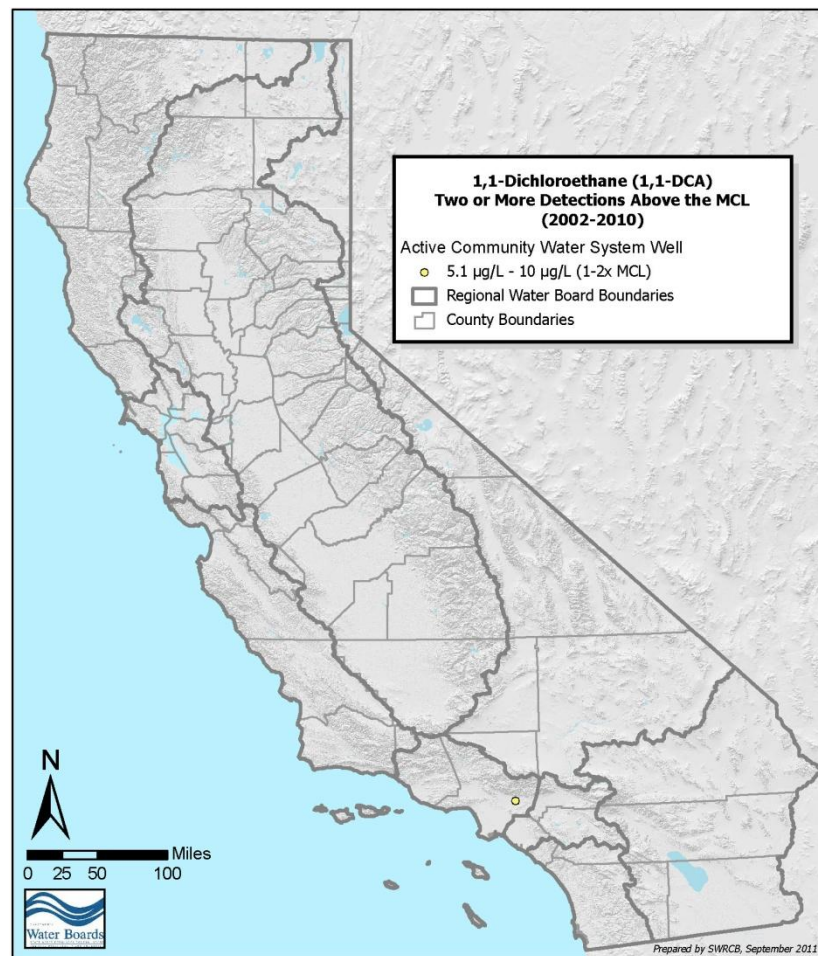


Figure 2.32: 1,1-Dichloroethane in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

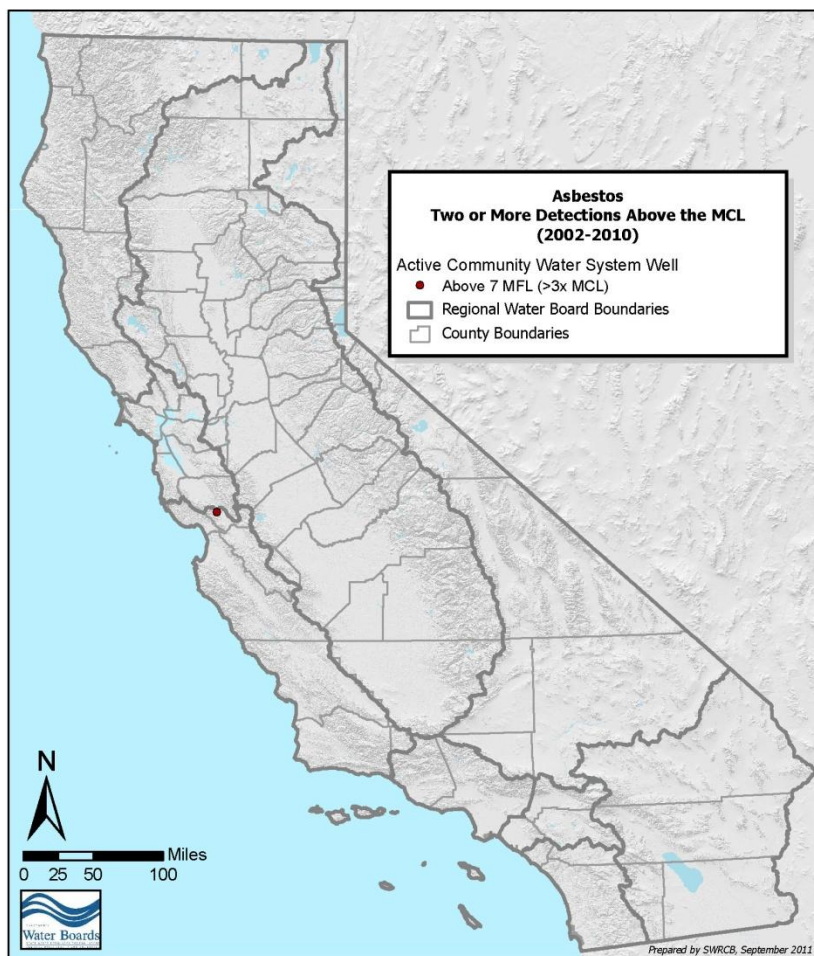


Figure 2.33: Asbestos in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

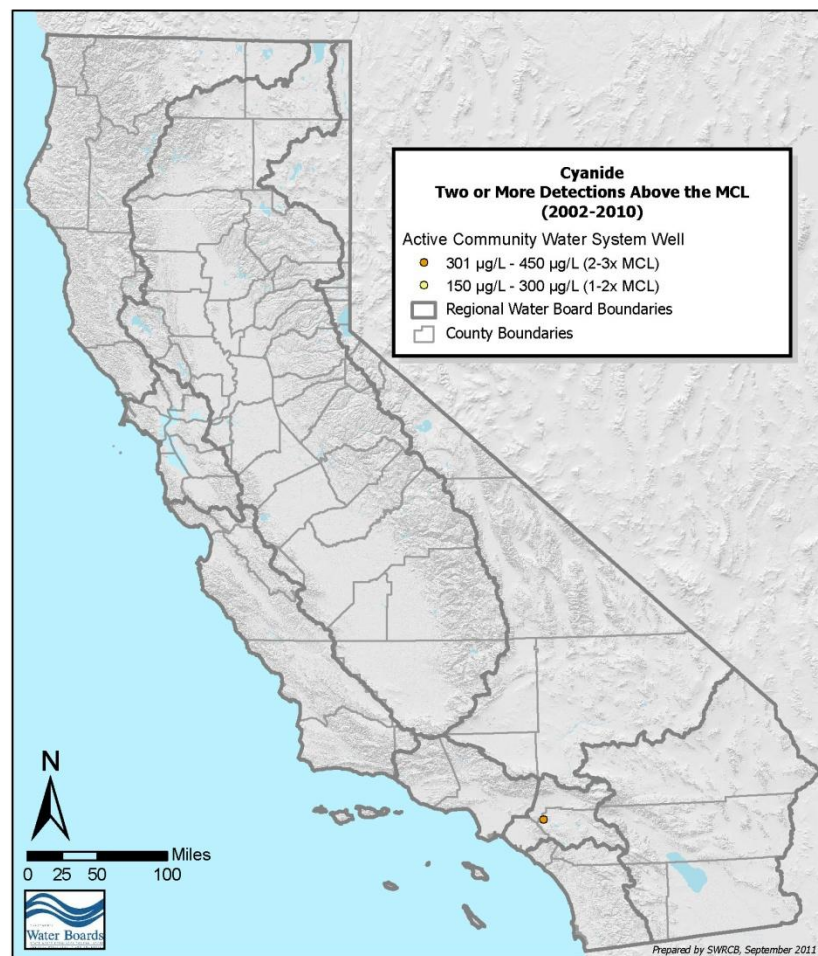


Figure 2.34: Cyanide in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

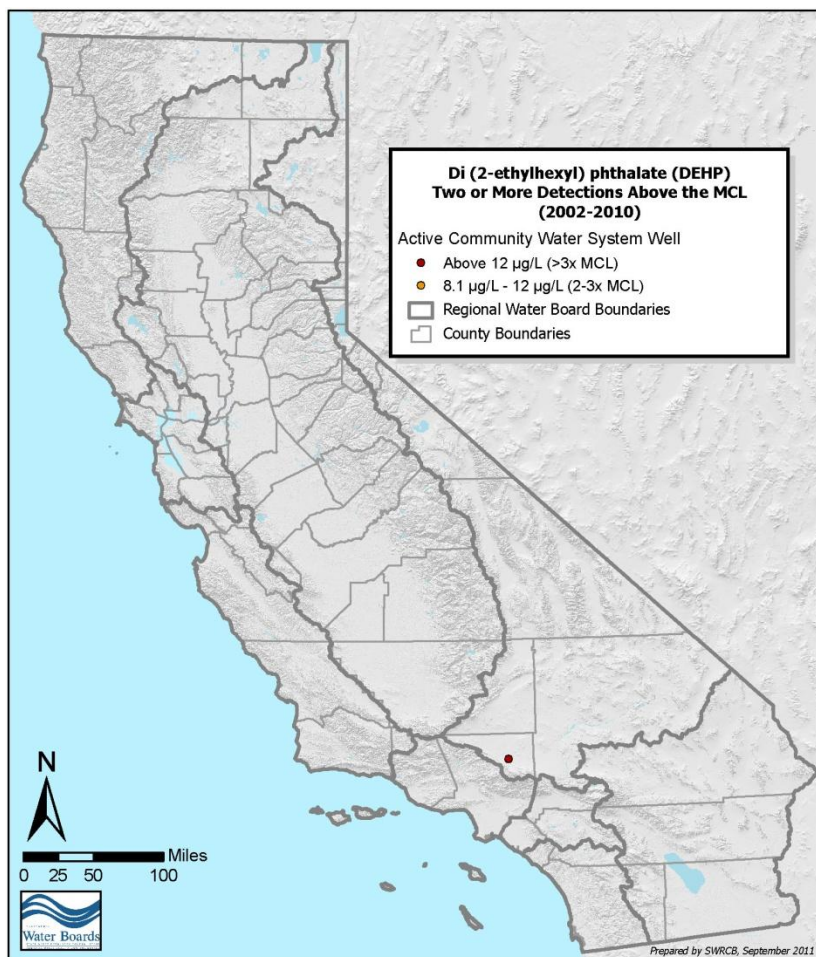


Figure 2.35: Di(2-ethylhexyl) phthalate (DEHP) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

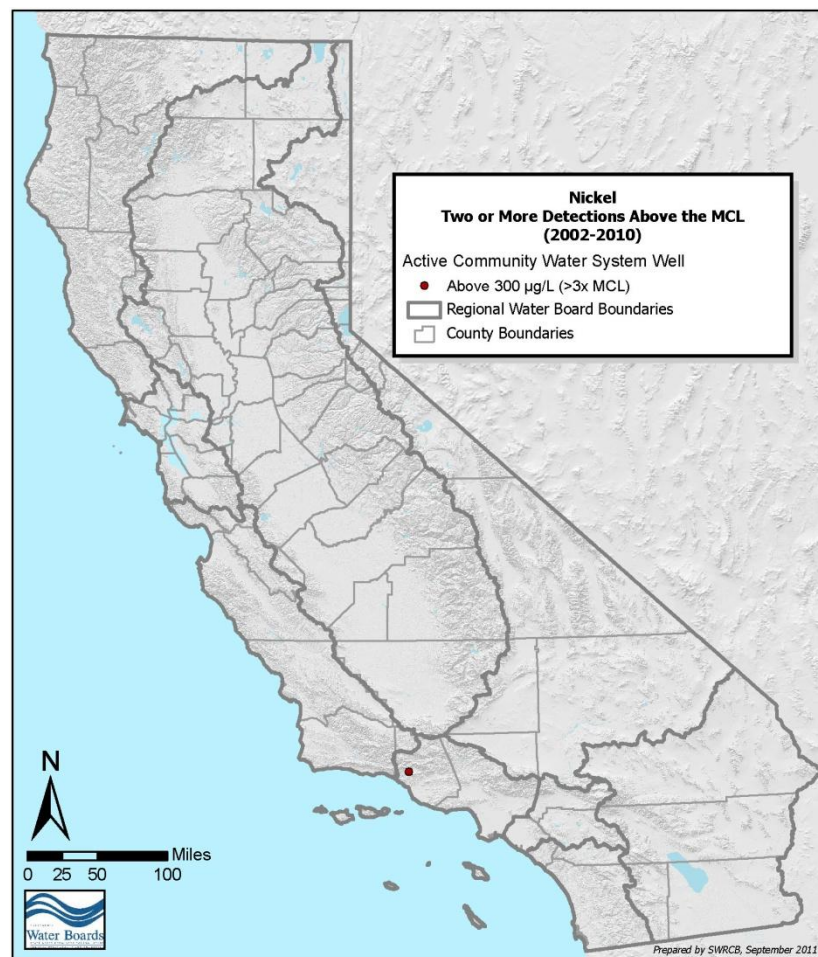


Figure 2.36: Nickel in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

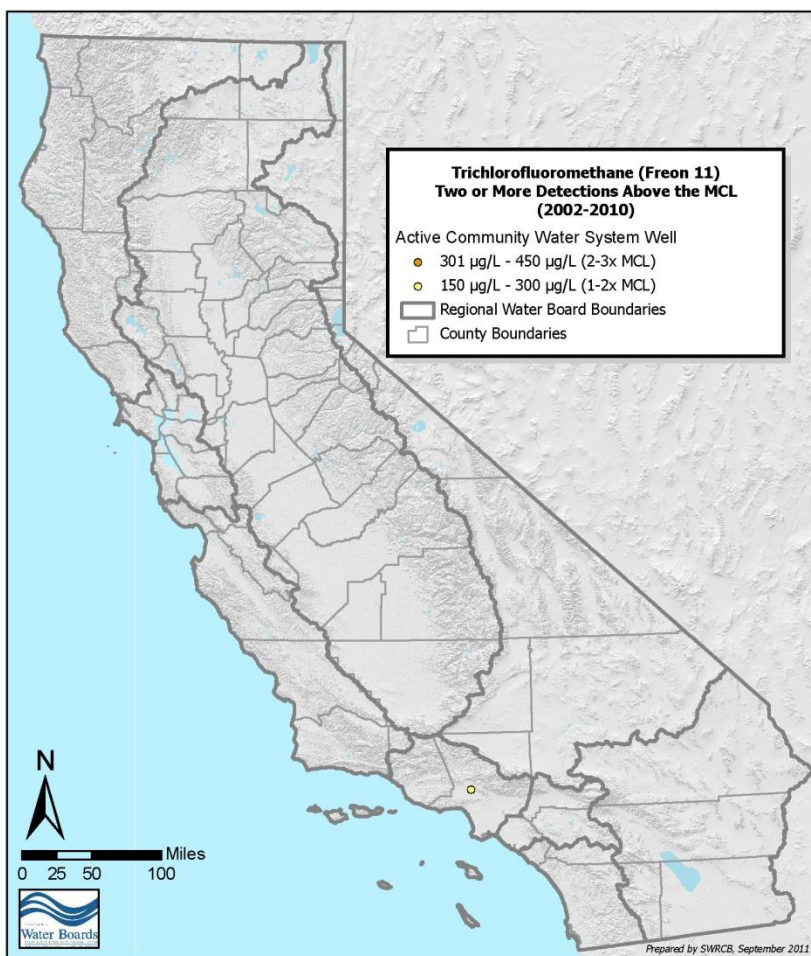


Figure 2.37: Trichlorofluoromethane (Freon 11) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

APPENDIX 3 – CONSTITUENTS OF CONCERN

Appendix 3: Constituents of Concern

AB 2222 (Caballero, Chapter 670, Statutes of 2008) required that the State Water Board identify “constituents of concern” that are detected in communities that rely on a contaminated groundwater source for drinking water. This appendix outlines the definition used for a constituent of concern (COC), and lists the COCs that have been identified.

3.1 Definition of “Constituent of Concern”

COCs are defined as chemicals that were detected above a CDPH Notification Level (NL) two or more times during the most recent CDPH compliance cycle (2002-2010). NLs are health-based advisory levels established by CDPH for chemicals in drinking water that lack or do not yet have a Maximum Contaminant Level (MCL).

It is important to note that not every community public water system (community water system) collects samples for constituents with an NL, and as a result, the findings here may not capture the full distribution of these contaminants in California’s groundwater. For example, 1,2,3-Trichloropropane (1,2,3-TCP) was sampled as part of CDPH’s unregulated contaminants monitoring from 2000 through 2004. The Office of Environmental Health Hazard Assessment (OEHHA) established a public health goal (PHG) for 1,2,3-TCP in 2009, and CDPH is currently working toward establishing an MCL.

Hexavalent chromium (Cr-6) was also included as a COC, even though it does not have an NL. Chromium is a metallic chemical that is widely found in natural metal deposits, soils, and plants. Chromium generally occurs in the environment as trivalent chromium (Cr-3). However, under certain environmental conditions, Cr-3 will oxidize to Cr-6, which is a suspected human carcinogen. Groundwater can contain both naturally occurring and anthropogenic Cr-6. Naturally occurring Cr-6 may be associated with serpentinite-containing rock or chromium containing geologic formations, and can also indicate oxidation of natural Cr-3 from chrome-iron ore deposits. Anthropogenic sources of Cr-6 include discharges of dye and paint pigments, wood preservatives, metal-plating liquid wastes, and leaching from hazardous waste sites.

In July of 2011, OEHHA published a PHG of 0.02 micrograms per liter (µg/L) (or parts per billion, ppb) for Cr-6 in community water systems. Although a PHG has been established at 0.02 µg/L, the Cr-6 data in the CDPH database pre-dates the establishment of the PHG, and was predominantly measured using a Detection Limit for purposes of Reporting (DLR) of 1 µg/L. Therefore, Cr-6 was evaluated using the DLR of 1 µg/L in this report. CDPH is currently working toward establishing an MCL.

3.2 Findings: Constituents of Concern

Nine COCs were identified (see Table 3.1):

- Hexavalent Chromium (Cr-6) – detected in 1,378 wells; 314 community water systems
- 1,2,3-Trichloropropane (1,2,3-TCP) – detected in 251 wells; 64 community water systems
- Boron – detected in 137 wells; 62 community water systems
- Manganese – detected in 140 wells; 96 community water systems
- Vanadium – detected in 66 wells; 27 community water systems
- 1,4-Dioxane – detected in 41 wells; 18 community water systems
- N-Nitrosodimethylamine (NDMA) – detected in 22 wells; 10 community water systems
- Lead – detected in 9 wells; 8 community water systems
- Tertiary butyl alcohol (TBA) – detected in 1 well; 1 community water systems

The COC most frequently detected above an NL is 1,2,3-TCP. A total of 251 active community water system wells had two or more detections of 1,2,3-TCP above the NL of 0.005 µg/L. These 251 wells were found in 64 community water systems located throughout the state (see Table 3.1 and Figure 3.1), primarily within the San Joaquin Valley and the Southern California Inland Empire. The highest 1,2,3-TCP concentration (270 µg/L) was detected in Kern County.

The COC most frequently detected was Cr-6 (see Table 3.1). This COC was evaluated using the DLR of 1 µg/L. A total of 1,378 active community water system wells had two or more detections of Cr-6 above 1 µg/L (see Figure 3.2). These 1,378 wells were found in 314 community water systems located throughout the state. The highest Cr-6 concentration (407 µg/L) was detected in Los Angeles County. San Bernardino (249 wells), Los Angeles (184 wells), and Sacramento (165 wells) Counties had the greatest number of wells where Cr-6 was detected on two or more occasions above 1 µg/L.

TABLE 3.1: Constituents of Concern in Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| Constituent of Concern (COC) | Community Water Systems Where a COC Was Detected ^a | Community Water System Wells With Identified COC ^b | Community Water System Wells Sampled for COC ^c | % Total Wells Above NL ^d | NL (µg/L) | PHG (µg/L) | DLR (µg/L) | Contaminant Type ^e |
|-----------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|-----------|------------|------------|-------------------------------|
| Hexavalent Chromium (Cr-6) ^g | 314 | 1,378 | 2,803 | 53 | n/a | n/a | 1 | Inorganic |
| 1,2,3-Trichloropropane (1,2,3-TCP) | 64 | 251 | 5,964 | 4 | 0.005 | 0.0007 | 0.005 | VOC ^f |
| Boron | 62 | 137 | 4,387 | 3 | 1,000 | | 100 | Inorganic |
| Manganese | 96 | 140 | 7,876 | 2 | 500 | | 20 | Inorganic |
| Vanadium | 27 | 66 | 4,314 | 1.5 | 50 | | 3 | Inorganic |
| 1,4-Dioxane | 18 | 41 | 291 | 14 | 1 | | 1 | VOC ^f |
| N-Nitroso-dimethylamine (NDMA) | 10 | 22 | 158 | 14 | 0.01 | 0.003 | | Disinfection Byproduct |
| Lead | 8 | 9 | 7,168 | 0.1 | 15 | 0.2 | 5 | Inorganic |
| Tertiary butyl alcohol (TBA) | 1 | 1 | 4,000 | <0.1 | 12 | | 2 | VOC ^f |

Notes (gray shading indicates a naturally-occurring chemical):

- The number of community water systems in which a contaminant was detected, on two or more occasions, at a concentration above an NL during the most recent CDPH compliance cycle (2002-2010).
- Active community water system wells in which a COC was detected on at least two occasions at a concentration above a notification level (NL) during the most recent CDPH compliance cycle (2002-2010). A well is considered active if it was being used to provide drinking water to a community water system at the time that this report was being drafted (October 2011),
- Total number of active community water system wells that were sampled two or more times for the constituent during the most recent CDPH compliance cycle (2002-2010).
- Percentage of all active community water system wells, sampled two or more times for a COC, that have had two or more detections of a contaminant at a concentration above the NL, during the most recent CDPH compliance cycle (2002-2010).
- General category of contaminant.
- Includes both volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC).
- Cr-6 was evaluated using the DLR of 1 µg/L. No Notification Level exists.

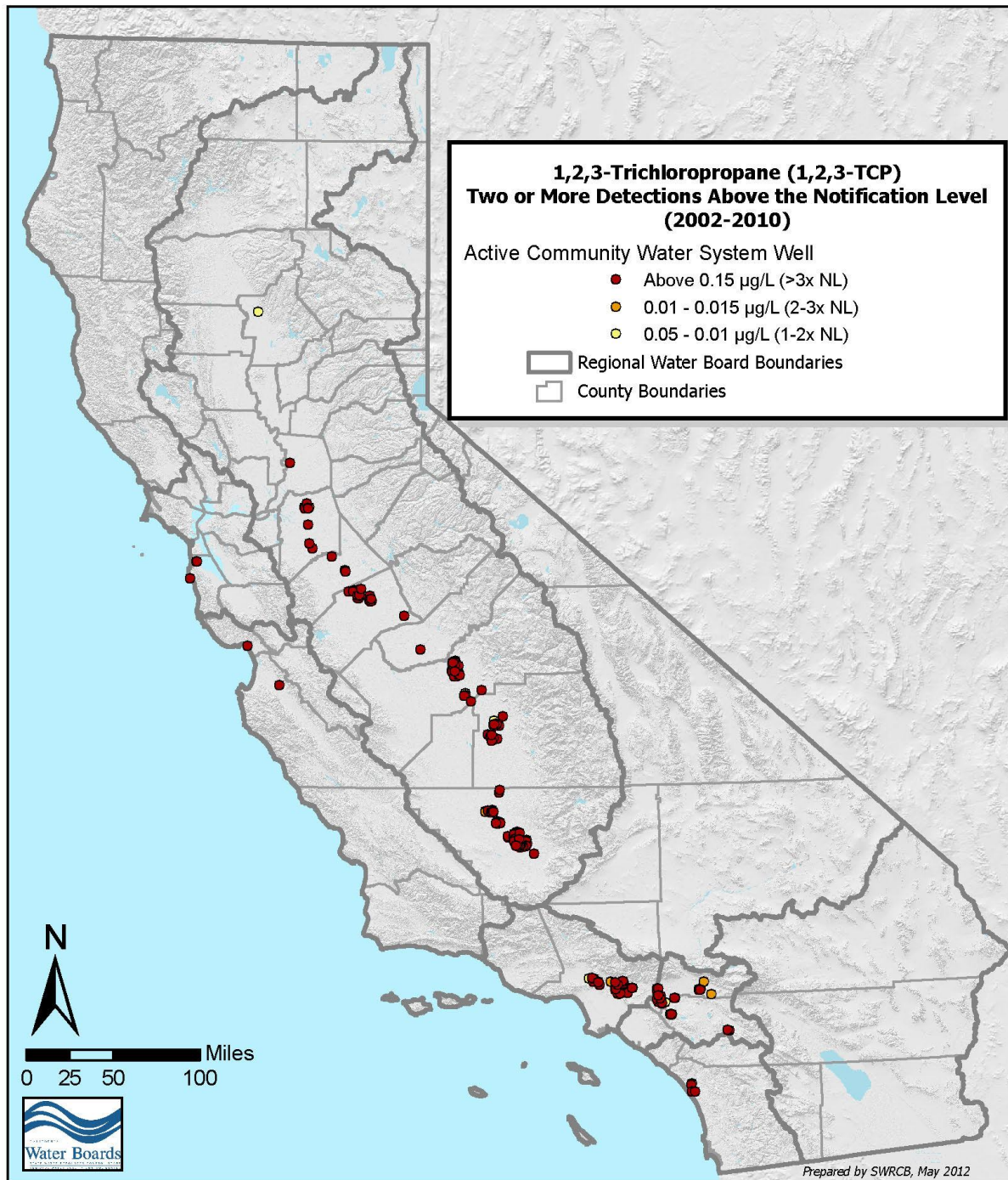


Figure 3.1: 1,2,3-Trichloropropane in Active Community Water System Wells (251) with Two or More Detections above the Notification Level of 0.005 µg/L (Maximum Concentration Observed, 2002-2010)

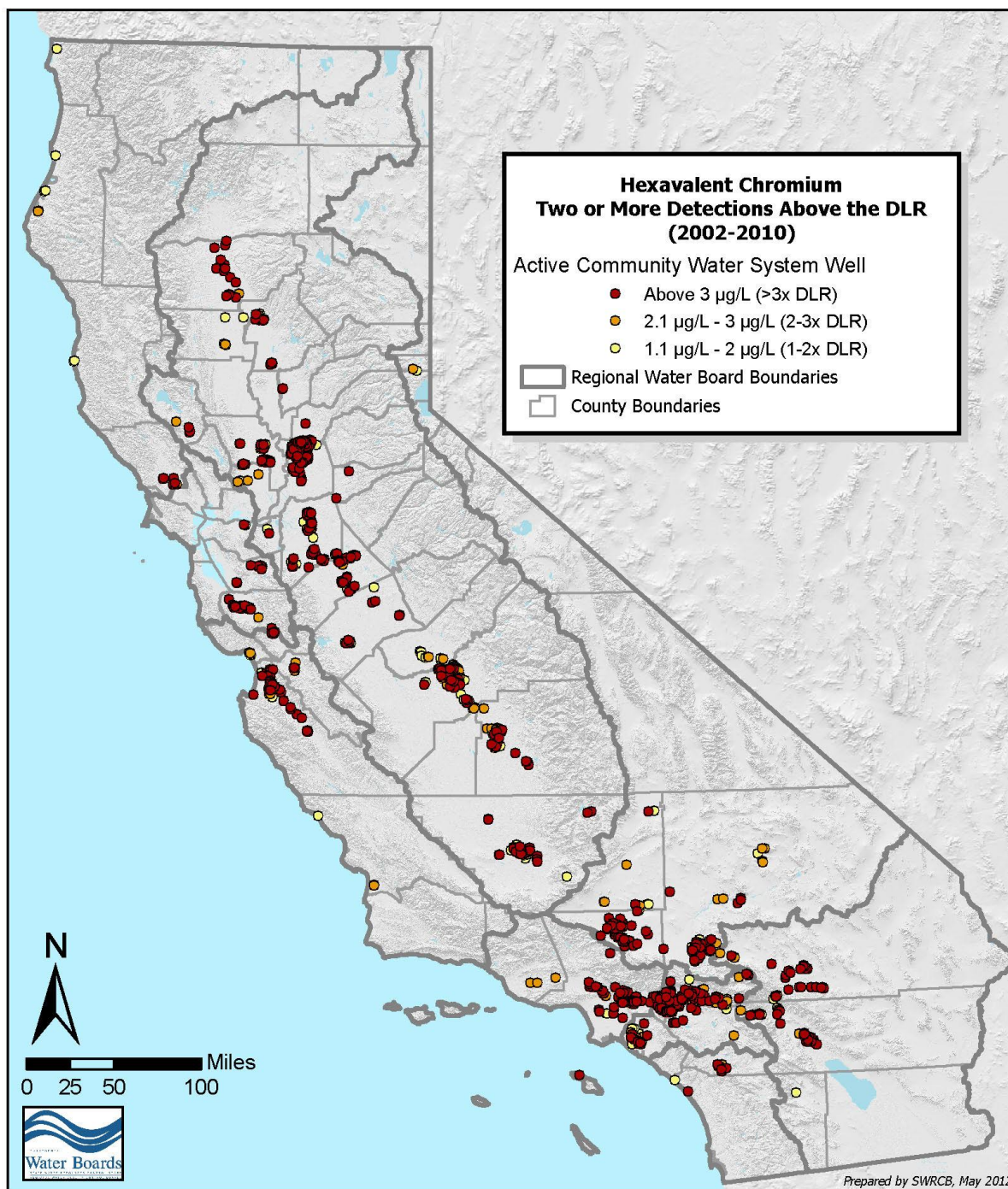


Figure 3.2: Hexavalent Chromium in Active Community Water System Wells (1,378) with Two or More Detections above the DLR of 1 µg/L (Maximum Concentration Observed, 2002-2010)

**APPENDIX 4 – COMMUNITY WATER SYSTEMS THAT RELY
ON A CONTAMINATED GROUNDWATER SOURCE AND
HAVE A DRINKING WATER QUALITY VIOLATION**

Appendix 4: Community Water Systems that Rely on a Contaminated Groundwater Source and Have a Drinking Water Quality Violation

Many community public water systems (community water systems) that rely on a contaminated groundwater source treat their water in order to ensure that safe drinking water is served to its customers. However, some community water systems cannot afford treatment, and may deliver unsafe drinking water directly to the public. AB 2222 (Caballero, Chapter 670, Statutes of 2008) required that the State Water Resources Control Board (State Water Board) identify potential solutions and funding sources to ensure the provision of safe drinking water to identified communities. Identifying community water systems that may have delivered unsafe drinking water highlights the areas that may be most in need of financial or other types of assistance.

This report is not to be used to assess public water system compliance. Although discussed in this report, compliance is determined by the California Department of Public Health (CDPH). The most recent public water system compliance reports can be found at: <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Publications.aspx>

4.1 MCL Violations

CDPH is responsible for regulating the quality of drinking water delivered to consumers, and issues an “MCL Violation” when the concentrations of specific chemicals in drinking water supplied to consumers exceeds levels established in the California Health and Safety Code.

CDPH provided State Water Board staff with a list of community water systems that have received a Maximum Contaminant Level (MCL) violation within the most recent compliance cycle (2002-2010) using the Permits, Inspections, Compliance, Monitoring, and Enforcement (PICME) System information database. The list of systems with MCL violations was compared to the list of 680 community water systems that rely on contaminated groundwater. A total of 265 community water systems that rely on contaminated groundwater have had at least one MCL violation during the most recent CDPH compliance cycle (2002-2010). Table 4.1 shows the number of community water systems per county that rely on contaminated groundwater and have received a drinking water quality violation.

4.2 Locations of Community Water Systems that Rely on Contaminated Groundwater and have MCL Violations

The locations of the 265 community water systems that rely on a contaminated groundwater source for drinking water and have received a drinking water quality violation are shown on Figure 4.1. Most of the community water systems with MCL violations are located in the Southern California Inland Empire, the east side of the San Joaquin Valley, the Salinas Valley, and the Santa Maria Valley. The three counties with the most community water systems of this type are Kern, Tulare, and Madera (see Figure 4.2). Many of these community water systems are 100% reliant on groundwater

for drinking and predominantly serve fewer than 200 people (see Figures 4.3 and 4.4). Arsenic, nitrate, gross alpha radioactivity, uranium, and fluoride were the top five principal contaminants for which MCL violations were issued (see Figure 4.5).

Table 4.1: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water and have received a CDPH MCL Violation, 2002-2010 (by County and Population)

| County | Number of Systems with MCL Violations Grouped by Population | | | | Population Served by Systems with MCL Violations | | | | Number of Systems with MCL Violations and 100% Reliant on Groundwater | Population Served by Systems with MCL Violations and 100% Reliant on Groundwater |
|-----------------|-------------------------------------------------------------|------------|-------------|---------|--------------------------------------------------|------------|-------------|---------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|
| | Total | Population | | | Total | Population | | | | |
| | | <3,300 | 3,300-9,999 | ≥10,000 | | <3,300 | 3,300-9,999 | ≥10,000 | | |
| BUTTE | 1 | 0 | 1 | 0 | 6,403 | 0 | 6,403 | 0 | 1 | 6,403 |
| COLUSA | 3 | 3 | 0 | 0 | 1,038 | 1,038 | 0 | 0 | 3 | 1,038 |
| CONTRA COSTA | 2 | 2 | 0 | 0 | 75 | 75 | 0 | 0 | 2 | 75 |
| EL DORADO | 2 | 1 | 0 | 1 | 63,004 | 3,004 | 0 | 60,000 | 2 | 63,004 |
| FRESNO | 15 | 13 | 1 | 1 | 470,685 | 6,674 | 6,500 | 457,511 | 13 | 12,944 |
| GLENN | 1 | 1 | 0 | 0 | 40 | 40 | 0 | 0 | 1 | 40 |
| INYO | 5 | 5 | 0 | 0 | 670 | 670 | 0 | 0 | 5 | 670 |
| KERN COUNTY | 55 | 45 | 4 | 6 | 183,085 | 15,436 | 21,546 | 146,103 | 49 | 138,480 |
| KINGS | 8 | 6 | 0 | 2 | 84804 | 6,984 | 0 | 77,820 | 8 | 84,804 |
| LAKE | 1 | 1 | 0 | 0 | 45 | 45 | 0 | 0 | 1 | 45 |
| LASSEN | 2 | 1 | 0 | 1 | 12,450 | 1,500 | 0 | 10,950 | 2 | 12,450 |
| LOS ANGELES | 7 | 3 | 1 | 3 | 258,656 | 2,800 | 7,880 | 247,976 | 4 | 10,680 |
| MADERA | 22 | 21 | 1 | 0 | 14,115 | 10,115 | 4,000 | 0 | 20 | 11,165 |
| MENDOCINO | 1 | 1 | 0 | 0 | 1,301 | 1,301 | 0 | 0 | 1 | 1,301 |
| MONO | 1 | 1 | 0 | 0 | 300 | 300 | 0 | 0 | 1 | 300 |
| MONTEREY | 10 | 8 | 1 | 1 | 123,663 | 2,238 | 6,585 | 114,840 | 10 | 123,663 |
| NEVADA | 2 | 2 | 0 | 0 | 348 | 348 | 0 | 0 | 2 | 348 |
| ORANGE | 2 | 2 | 0 | 0 | 350 | 350 | 0 | 0 | 2 | 350 |
| PLACER | 1 | 1 | 0 | 0 | 50 | 50 | 0 | 0 | 0 | 0 |
| PLUMAS | 2 | 2 | 0 | 0 | 3,157 | 3,157 | 0 | 0 | 2 | 3,157 |
| RIVERSIDE | 9 | 4 | 1 | 5 | 252,074 | 3,033 | 3,335 | 245,706 | 2 | 508 |
| SACRAMENTO | 8 | 6 | 0 | 2 | 59,073 | 524 | 0 | 58,549 | 8 | 59,073 |
| SAN BENITO | 3 | 3 | 0 | 0 | 183 | 183 | 0 | 0 | 3 | 183 |
| SAN BERNARDINO | 10 | 6 | 1 | 3 | 120,101 | 5,955 | 8,646 | 105,500 | 8 | 48,821 |
| SAN DIEGO | 5 | 5 | 0 | 0 | 2,100 | 2,100 | 0 | 0 | 5 | 2,100 |
| SAN JOAQUIN | 9 | 7 | 0 | 2 | 80,968 | 2,090 | 0 | 78,878 | 8 | 68,541 |
| SAN LUIS OBISPO | 2 | 1 | 0 | 1 | 12,210 | 1,940 | 0 | 10,270 | 1 | 1,940 |

Table 4.1(cont.): Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water and have received a CDPH MCL Violation, 2002-2010 (by County and Population)

| County | Number of Systems with MCL Violations Grouped by Population | | | | Population Served by Systems with MCL Violations | | | | Number of Systems with MCL Violations and 100% Reliant on Groundwater | Population Served by Systems with MCL Violations and 100% Reliant on Groundwater |
|---------------|-------------------------------------------------------------|------------|-------------|---------|--------------------------------------------------|------------|-------------|-----------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|
| | Total | Population | | | Total | Population | | | | |
| | | <3,300 | 3,300-9,999 | ≥10,000 | | <3,300 | 3,300-9,999 | ≥10,000 | | |
| SAN MATEO | 1 | 0 | 1 | 0 | 5,412 | 0 | 5,412 | 0 | 0 | 0 |
| SANTA BARBARA | 2 | 2 | 0 | 0 | 940 | 940 | 0 | 0 | 2 | 940 |
| SANTA CLARA | 4 | 4 | 0 | 0 | 278 | 278 | 0 | 0 | 4 | 278 |
| SANTA CRUZ | 1 | 1 | 0 | 0 | 1,145 | 1,145 | 0 | 0 | 1 | 1,145 |
| SHASTA | 1 | 0 | 0 | 1 | 85,703 | 0 | 0 | 85,703 | 0 | 0 |
| SIERRA | 1 | 1 | 0 | 0 | 225 | 225 | 0 | 0 | 1 | 225 |
| SONOMA | 10 | 9 | 1 | 0 | 8,834 | 1,084 | 7,750 | 0 | 10 | 8,834 |
| STANISLAUS | 14 | 10 | 2 | 2 | 265,574 | 1,974 | 10,675 | 252,943 | 13 | 53,574 |
| SUTTER | 5 | 3 | 1 | 1 | 18,299 | 624 | 7,475 | 10,200 | 5 | 18,299 |
| TEHAMA | 2 | 2 | 0 | 0 | 1,553 | 1,553 | 0 | 0 | 2 | 1,553 |
| TULARE | 31 | 28 | 2 | 1 | 32,389 | 12,129 | 9,530 | 10,730 | 31 | 32,389 |
| VENTURA | 2 | 2 | 0 | 0 | 1,595 | 1,595 | 0 | 0 | 1 | 1,500 |
| YOLO | 2 | 2 | 0 | 0 | 2,063 | 2,063 | 0 | 0 | 2 | 2,063 |
| TOTALS | 265 | 215 | 18 | 33 | 2,174,958 | 95,560 | 105,737 | 1,973,679 | 236 | 772,883 |

Notes: Population data from CDPH Permits, Inspections, Compliance, Monitoring, and Enforcement (PICME) System Information Database as reported in GeoTracker GAMA.

AB 2222 (Caballero, Chapter 670, Statutes of 2008) identified 680 community water systems in California that rely on a contaminated groundwater source for drinking water; a principal contaminant was detected on two or more occasions above a maximum contaminant level (MCL) in a active supply well during the most recent CDPH compliance cycle (2002-2010). A well is considered active if it was being used to provide drinking water to a community water system at the time that this report was being drafted (October 2011),

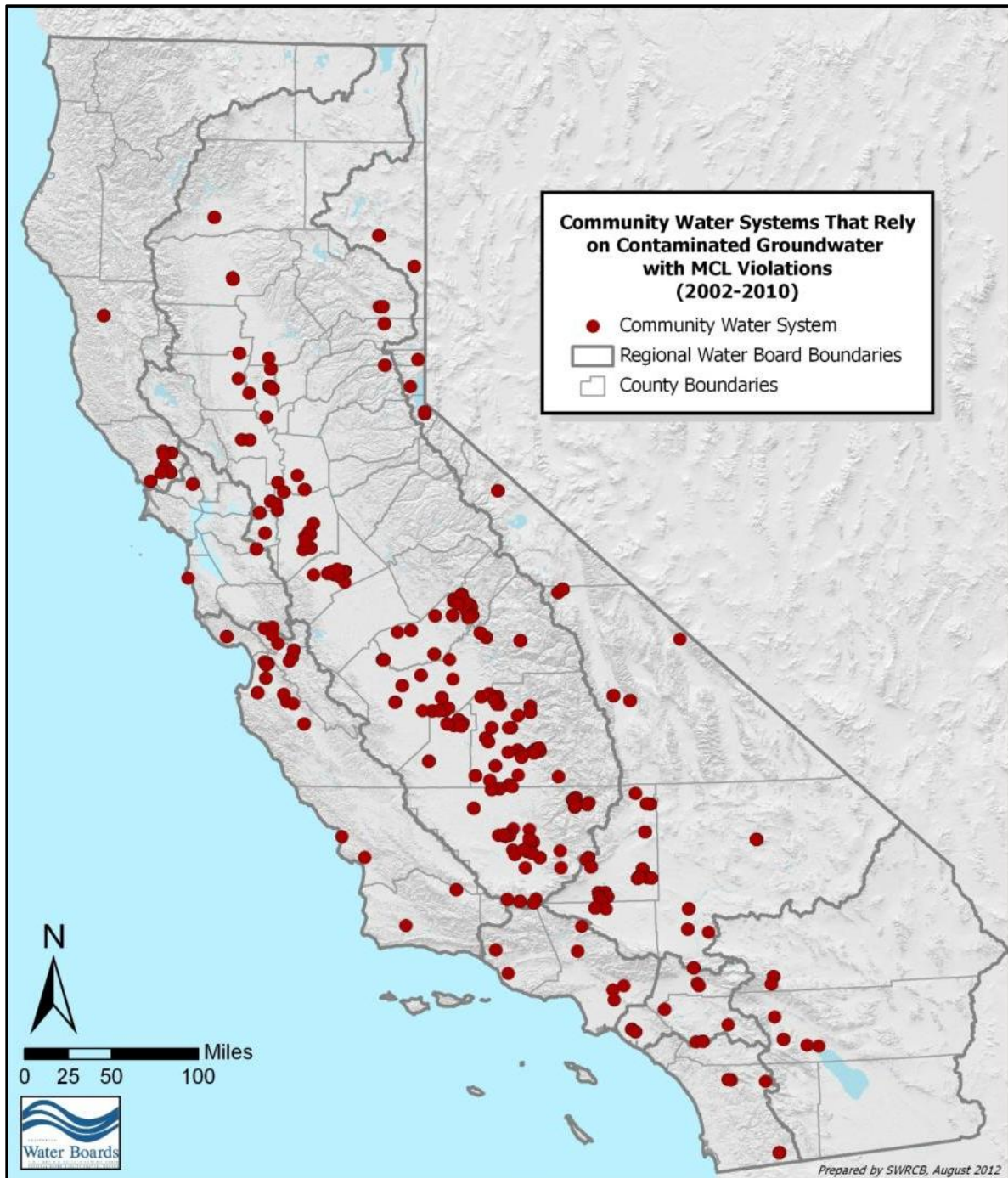


Figure 4.1: Location of 265 Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water and have Received a Notice of an MCL Violation (2002-2010)

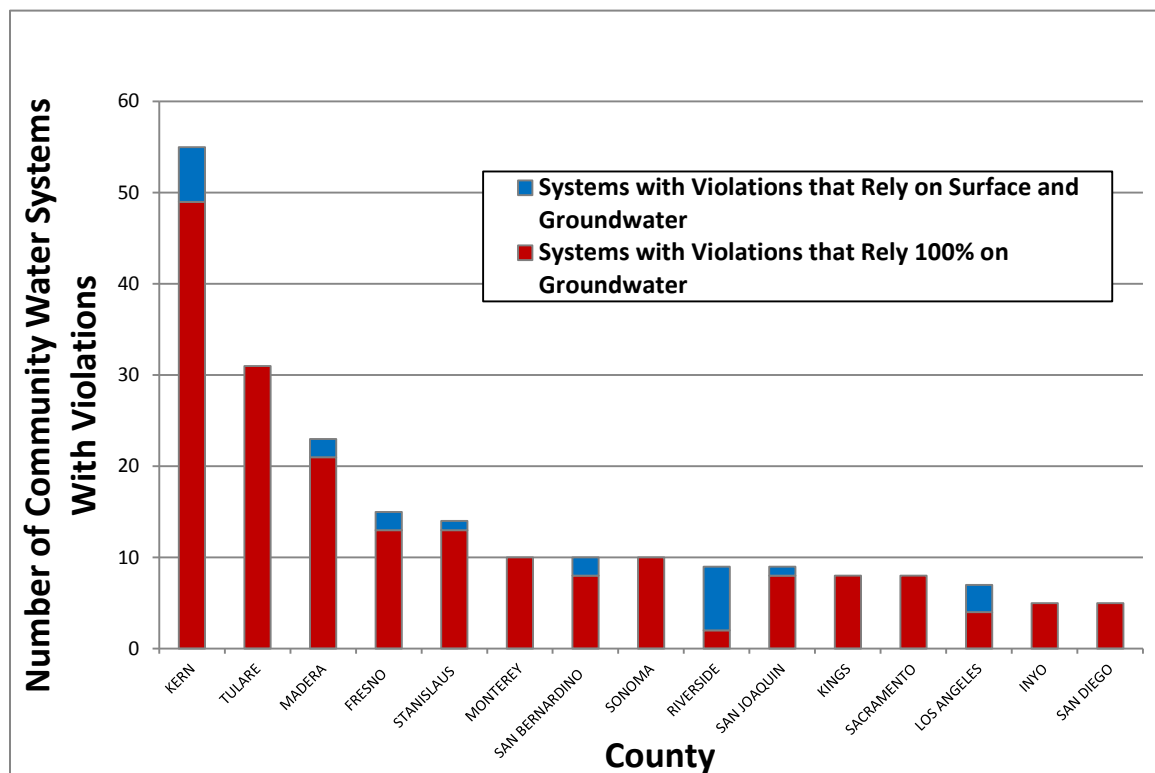


Figure 4.2: Top 15 Counties, Number of Community Water Systems that Rely on a Contaminated Groundwater Source and have Received a Notice of an MCL Violation – Groundwater Reliance (2002-2010)

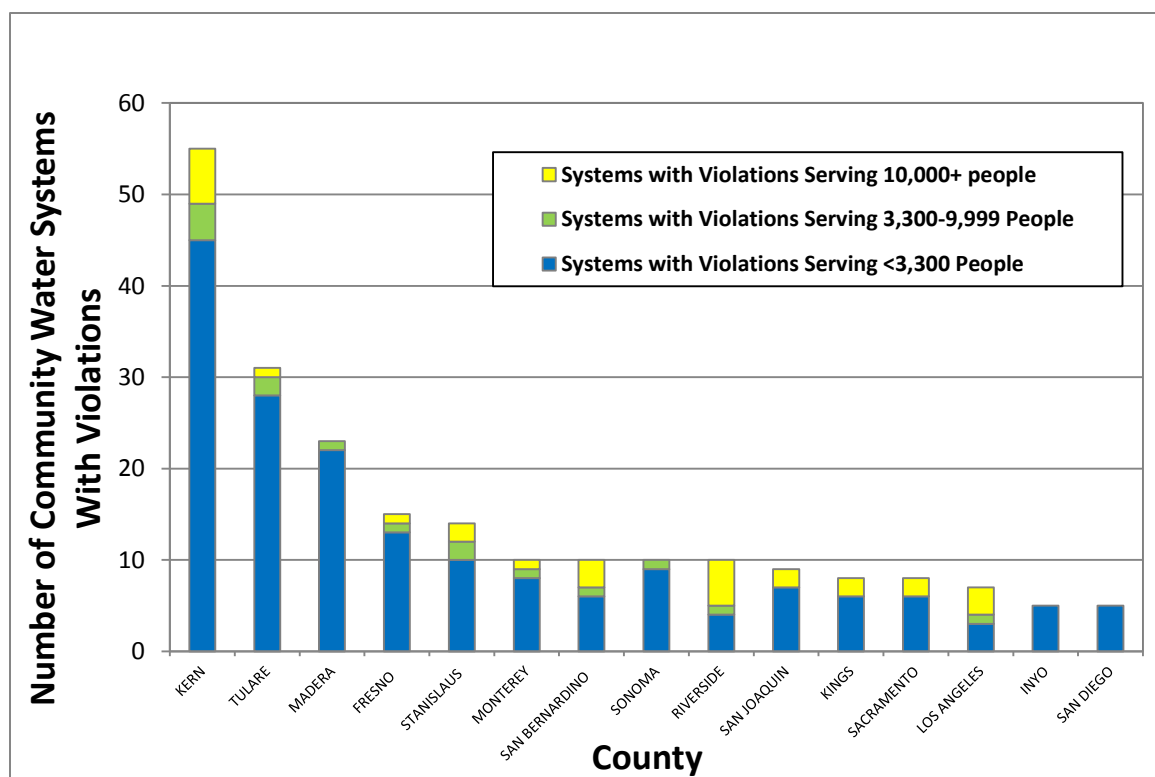


Figure 4.3: Top 15 Counties, Number of Community Water Systems that Rely on a Contaminated Groundwater Source and have Received a Notice of an MCL Violation- Population Served (2002-2010)

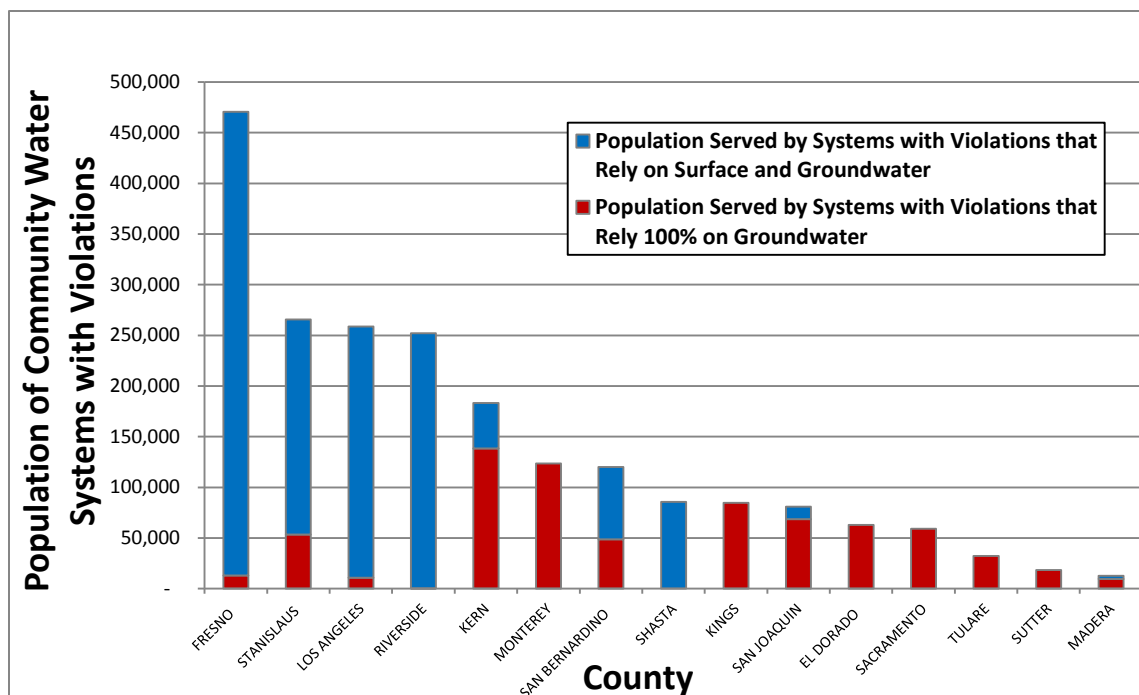


Figure 4.4: Top 15 Counties, Population of Community Water Systems that Rely on a Contaminated Groundwater Source and have Received a Notice of an MCL Violation (2002-2010)

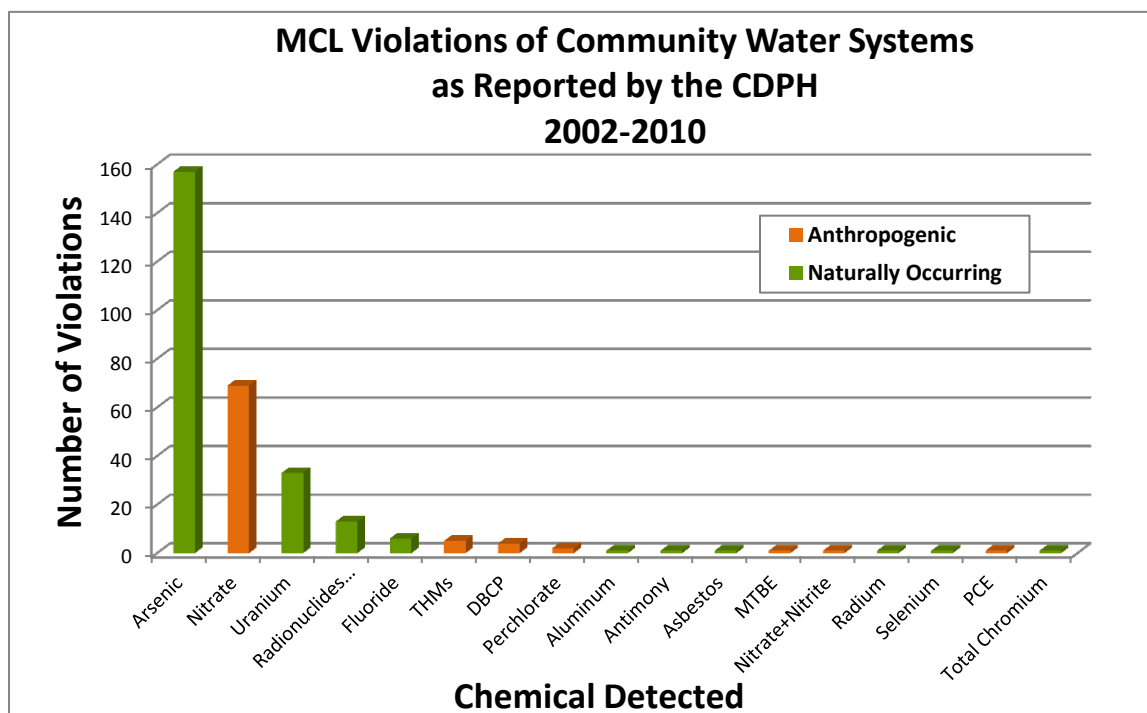


Figure 4.5: Number of Community Water Systems that Rely on a Contaminated Groundwater Source and have Received a Notice of an MCL Violation, by Principal Contaminant (2002-2010)

APPENDIX 5 – POTENTIAL SOLUTIONS TO CLEANUP, TREAT, OR PROVIDE ALTERNATIVE WATER SUPPLIES

APPENDIX 5: POTENTIAL SOLUTIONS TO CLEANUP, TREAT, OR PROVIDE ALTERNATIVE WATER SUPPLIES

This appendix summarizes potential solutions to cleanup, treat, or provide alternative water supplies for community public water systems (community water systems) that rely on a contaminated groundwater source for drinking water.

5.1 Overview of Solutions to Address Groundwater Contamination

Solutions to address groundwater contamination affecting drinking water supplies are well known and well established, and fall into three general broad categories:

- 1) Provide safe drinking water through treatment or use of an alternative supply
- 2) Cleanup contaminated groundwater
- 3) Implement a pollution prevention and source water protection program to prevent re-contamination

Each of these categories are discussed in greater detail below. A summary of typical activities used to address contamination problems, potential obstacles, and options for addressing those obstacles is included (see Table 5.1).

| Table 5.1: Cleanup, Treat, or Provide Alternative Sources of Water Supply - Potential Obstacles and Options to Address Obstacles | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Goal | Related Activities for Achieving Goal | Potential Obstacles | Options to Address Obstacles |
| Provide Safe Drinking Water | Consolidation Self-supply New well Treatment Surface water | Costs Fund availability Location/environment, and availability of clean alternative groundwater or surface supplies Planning and infrastructure support may not be available Multiple contaminants in a well may affect treatment options | Highlight benefits of consolidation, provide seed money for consolidation efforts Make public funds available for meeting other existing public funding criteria Increase available funding |
| Groundwater Cleanup | Groundwater cleanup programs (USTCF, others) | Scale Cost Fund availability Naturally-occurring contaminants | Support programs that help clean up known groundwater contamination Support efforts to identify sources of groundwater contamination Focus on methods to provide clean drinking water |
| Pollution Prevention | Continue and support existing programs; Regulatory oversight Monitoring | Naturally-occurring contaminants Prevention too late | Continue to develop and strengthen existing regulatory efforts Expand regulation of emerging pollution sources For identified communities, focus on methods to provide clean drinking water |

5.2 Background

When contamination is identified in a community water system's well, that system typically must take the following actions:

- Promptly issue a public notification to the customers that the water supply is contaminated. Such a notification is required when the water delivered to customers exceeds a Maximum Contaminant Level (MCL). The notification is required by both the State and Federal Safe Drinking Water Acts. The notification must continue as long as the water supplied to the public exceeds the MCL.

- Temporarily or permanently abandon the water well as a source of supply, especially if the well exceeds the MCL.
- Begin to develop a plan to provide water that meets the MCLs. This may require the community water system to provide treatment, develop a new source, or connect to another public water system.

For some sources, following cleanup of the contamination source, it may be possible to resume using the source as a supply of clean drinking water. However, the success of a groundwater cleanup effort is often dependent on whether the source of the contamination is a point source (e.g., leaking underground fuel tank) or nonpoint source (e.g., agricultural runoff). Other factors that can affect the success of groundwater cleanups include local land use, population density, distribution of the contaminant, and location of the contaminant source. Cleanup time varies.

When MCLs are exceeded, the California Department of Public Health (CDPH) works actively with community water system personnel to help them determine their options and explore solutions. For small communities, impacts to individual ratepayers may be high.

5.3 Provide Safe Drinking Water

Portions of California's groundwater contain high concentrations of naturally occurring contaminants or have become contaminated due to anthropogenic related activities. For these areas, pollution prevention and/or cleanup may be infeasible, take too long, or lack funding. In these areas, a practical solution to groundwater contamination is to focus on the provision of safe drinking water. The most common types of solutions include:

- Consolidation with a Neighboring Public Water System
- Alternative Sources (Bottled Water)
- Drill a New Well
- Treatment
- Switch to Surface Water Supply

These solutions, as well as associated obstacles and potential options to address those obstacles, are discussed further below.

5.3.1 Consolidation with a Neighboring Public Water System

Consolidation with a sufficient and safe neighboring community water system can be one of the most effective long-term solutions.

Consolidation refers to both the physical interconnection and the regionalization and restructuring of the two water systems. Full consolidation may take years to complete

but initial activities could include development of operator agreements (contractual agreements, development of joint-powers agencies) that will lead to the eventual merging of the water systems. A regionalized approach could also result in the consolidation of other systems.

Consolidation of smaller community water systems increases the customer base, which makes treatment more affordable for a group of smaller systems, and may also increase management efficiency and oversight of system resources. A report funded by the US Environmental Protection Agency summarizing the benefits and drawbacks of consolidation made the following findings (Manning et al., 2005).

Potential Benefits:

- Can increase economies of scale, spreading capital, operation, and maintenance costs over a larger population thereby lowering the per customer base ratepayer costs.
- Greater access to capital. Borrowing is easier, so necessary improvements can be made, including improvements required to meet existing water quality health standards and testing requirements.
- With a fewer number of overall systems, it is easier for state or federal agencies to fund improvement efforts.
- State regulators can focus on fewer systems, and can spend time assisting a greater percentage of overall systems (and a greater percentage of the overall state population).
- Creating a more diverse customer base can lead to greater access to grant and public funding.
- Duplicated services can be reduced or eliminated, saving money in terms of costs associated with equipment, maintenance, billing, and other management issues.
- Can create a more reliable water source, and an affordable means of complying with state and federal regulations.
- Can access more skilled employees.

Potential Obstacles:

- Consolidation may result in loss of identity for a local community. However, loss of perceived independence or identity may not outweigh desire for clean, affordable drinking water.
- Systems that merge or acquire other systems may absorb those acquired systems' debts.
- May result in loss of jobs.
- Customers may be confused as to who provides their drinking water.
- Initial costs may be a barrier.
- Local political barriers can be significant.
- Management goals of multiple systems may conflict.

5.3.2 Alternative Sources (Bottled Water)

When a community water system cannot reliably provide a clean source of drinking water, residents may have to rely upon self-supplied alternative sources. In most cases, the self-supplied alternative source is bottled water, purchased at an additional cost by the consumer, used for cooking and consumption.

Use of bottled water as an alternative source effectively causes consumers to pay twice for their drinking water – for the contaminated water supplied by the community water system, and for the purchased bottled water. The costs associated with purchasing bottled water can be a significant financial hardship.

5.3.3 Drill a New Well

When contaminated groundwater is present, a community water system may be able to drill a new well into a portion of an aquifer that is not contaminated. When possible, drilling a new well offers a proven and reliable method of providing clean drinking water. However, costs associated with drilling a new well may be significant, and may prevent some smaller communities from pursuing this action.

There can be significant uncertainties related to a new well. Water quality can change following the transition to a new well. Contaminants can migrate through conduits and fractures or by improperly constructed wells, which can degrade the new well's water quality.

5.3.4 Treatment

Methods used to treat contaminated groundwater have been used in some locations for decades. Treatment can take several forms: blending, large-scale treatment systems, wellhead treatment systems, and point-of-use/point-of-entry (POU/POE) systems that are used in homes or residences.

Although treatment can be very effective in addressing groundwater contamination, there are often significant associated costs. Many of the 680 community water systems that rely on a contaminated groundwater source for drinking water (see Appendix 1) are already treating their groundwater, and likely are absorbing the treatment costs in the form of higher ratepayer fees. Costs associated with treatment include planning, construction of a treatment facility, infrastructure development, operation and maintenance (O&M) and waste disposal. Some communities cannot afford treatment costs. Funding options for communities that need assistance are addressed in Appendix 6.

5.3.5 Switch to Surface Water

Some community water systems may be able to address their contaminated groundwater issues through use of available surface water sources. However, there can be obstacles associated with surface water sources, including costs associated with planning, treatment, and availability (surface water purchases). Surface water treatment is significantly more complex than treatment of groundwater, and will result in much higher O&M costs and water rates. The distance from a surface water source may prohibit delivery of that water to a community. Water rights considerations may also limit the availability of some surface water sources.

5.3.6 Private Domestic Wells and Other Non-Community Systems

In addition to community water systems regulated by CDPH, there are other individuals and groups that rely on groundwater for domestic supply. Private domestic well users, state small systems, and local small systems rely on groundwater, and are not addressed by this report-- primarily due to a lack of data or access to data. In many cases, these systems and groundwater users do not know the quality of their groundwater, because they do not regularly test their water supply.

When contamination is detected in these types of communities, cleanup options are generally very limited. Groundwater cleanup efforts can be very costly and many private domestic well owners may not be able to afford a remediation system. Grants and interest free loans are typically not provided to these groundwater users.

Treatment systems may be a cost effective method of addressing groundwater contamination for very small systems (that serve less than 15 service connections or 25 persons regularly) and private well owners since they have no source of group funding as do the community water systems. These treatment options usually include POU/POE devices. The CDPH maintains a certification program for water treatment devices sold for residential use in California that make a health benefit claim, as required by the Health and Safety Code. A directory of certified water treatment devices can be found on the CDPH website at:

<http://www.cdph.ca.gov/certlic/device/Pages/WTDDirectory.aspx>.

Wellhead protection strategies are effective in reducing sources of contamination. These strategies include proper maintenance of a well, and enforcing land-use setbacks from the well. The State Water Resources Control Board (State Water Board) has published a guide for private well owners, available at:

http://www.waterboards.ca.gov/gama/docs/wellowner_guide.pdf (also available online in Spanish).

5.4 Cleanup Groundwater

Groundwater cleanup efforts can be very effective in preventing the spread of groundwater pollution and in lowering levels of contamination. There are thousands of groundwater cleanup and remediation sites across the state.

The State Water Board and Regional Water Quality Control Boards (Water Boards) manage and oversee cleanup activities at thousands of former underground storage tank (UST) sites where leaks have impacted groundwater. The State Water Board's GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) groundwater information system can be used to show the locations of active and past groundwater site cleanups managed by the Water Boards. The database shows that there are over 125,000 groundwater monitoring wells associated with several thousand groundwater cleanup sites throughout the state. The Department of Toxic Substances Control (DTSC) also oversees groundwater cleanup operations at former industrial facilities and other locations where industrial activities and other leaks have impacted local groundwater quality. Monitoring wells provide no cleanup of contamination. Continued oversight and remediation at these sites will result in cleaner groundwater for Californians.

The effectiveness of a groundwater cleanup effort is often dependent on several factors:

- Type of contaminant (naturally occurring or anthropogenic)
- Amount of contamination
- Geology and other site conditions
- Cleanup costs
- Available funding

In general, cleanup of naturally occurring groundwater contamination is not possible. Naturally occurring contaminants enter groundwater as a result of interaction between water and naturally occurring materials. Preventing naturally occurring contaminants from entering groundwater is not feasible.

Groundwater cleanup is expensive, which can be an obstacle for addressing contamination. Funding for large-scale cleanup efforts may not be available, and even small cleanup efforts can be prohibitively expensive. The current funding available through state and federal funding programs cannot address all of the groundwater contamination in California. Furthermore, some types of pollutants are not addressed by current programs that fund groundwater cleanup efforts (e.g., nitrate contamination from agriculture).

In summary:

- **Potential Solutions:** Continue to fund cleanup efforts as much as possible, where feasible. Continue oversight of existing cleanup activities. Continue

monitoring efforts to detect new areas of groundwater contamination and to assess the effectiveness of cleanup actions.

- **Obstacles**: Costs associated with groundwater cleanup are high; there are insufficient funds to cleanup all identified contaminated groundwater.

5.5 Pollution Prevention

Pollution prevention is the most effective way to ensure sustainable safe drinking water. Numerous local, state, and federal agencies implement pollution prevention strategies, including:

- Water Boards
- Local Environmental Health Agencies (city and county level)
- County or Regional Special Districts
- Department of Toxic Substances Control
- California Department of Public Health
- California Department of Food and Agriculture
- Department of Pesticide Regulation
- United States Environmental Protection Agency

The State Water Board manages several pollution prevention and monitoring programs, including projects for non-point source pollutants, underground storage tanks, spill and cleanup sites, landfills, and other types of industrial activities. Comprehensive groundwater monitoring is a key component of pollution prevention, helping establish ambient water quality conditions and serving as an early-warning system for emerging contaminants and other pollutants. Continued oversight of existing and potential pollution sources will help to prevent future groundwater contamination.

Pollution prevention is not an effective solution for naturally occurring contaminants. These chemical constituents are found in groundwater not because of pollution, but simply due to natural geologic and environmental conditions (e.g., arsenic). In addition, pollution prevention is most effective where groundwater contamination has not yet occurred. This report has identified hundreds of community water systems where groundwater contamination has already occurred and is an issue for drinking water supplies. While pollution prevention may prevent increases in existing contamination levels, or may prevent contamination by a new principal contaminant, pollution prevention may not result in cleaner groundwater than what is already available. For these areas, pollution prevention may not be an effective solution to ensure safe drinking water.

In summary:

- **Potential Solutions**: Continue funding and support of pollution-prevention and monitoring programs, including those by the Water Boards, DTSC,

CDPH, and local environmental health agencies. Continue oversight for identified sources of pollutants (USTs, industrial facilities, waste discharges, others), and strengthen oversight for new and emerging sources of contaminants (fertilizers, pesticides, non-point sources).

- **Obstacles:** Cannot prevent naturally occurring contaminants. Non-point source contaminants are often difficult to regulate and monitor. Groundwater is already contaminated in many areas, and pollution prevention is too late. Unknown contaminants and pollutant sources. Costs.

APPENDIX 6 – FUNDING OPTIONS

APPENDIX 6: FUNDING OPTIONS

This appendix addresses existing or potential future funding options to clean up or treat groundwater, or to provide alternative water supplies, to ensure the provision of safe drinking water to community public water systems (community water systems) that rely on a contaminated groundwater source for drinking water.

6.1 Community Water Systems that Rely on a Contaminated Groundwater Source that Have Received or are Actively Seeking Funding

The California Department of Public Health (CDPH) provided a list of community water systems that were receiving or actively seeking funds to address a water quality issue. The CDPH data was compared to the 680 communities that rely on a contaminated groundwater source for drinking water identified in this report (see Appendix 8). Information on which systems have actually received funding was not available.

As of October 2011, 166 systems (24 percent) were not receiving or actively seeking funding to address their water quality issues. Forty-two of the 166 systems that were not receiving or seeking funding have also received a notice of an MCL violation during the most recent CDPH compliance cycle (see Figure 6.2 and Table 6.1). Of these 42 systems, six are federal or state facilities that are not eligible for public funding from CDPH.

The six counties with the highest number of community water systems with MCL violations that were not receiving or actively seeking funding were Kern, Stanislaus, Fresno, Madera, San Bernardino, San Joaquin, and Tulare. The principal contaminants affecting these communities were arsenic, nitrate, radionuclides (gross alpha), and uranium (see Table 6.2).

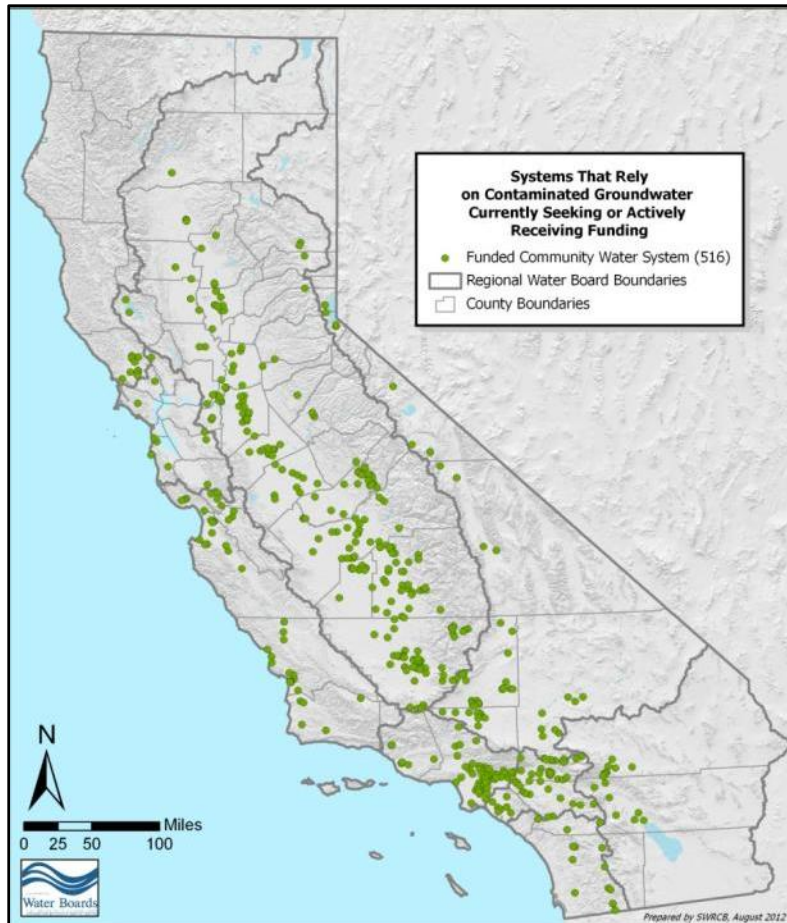


Figure 6.1: Identified Community Water Systems Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues (514 systems as of October 2011)

Source: Safe Drinking Water State Revolving Fund, Proposition 50 & 84, and American Recovery and Reinvestment Act of 2009 (ARRA) priority funding lists maintained by the California Department of Public Health

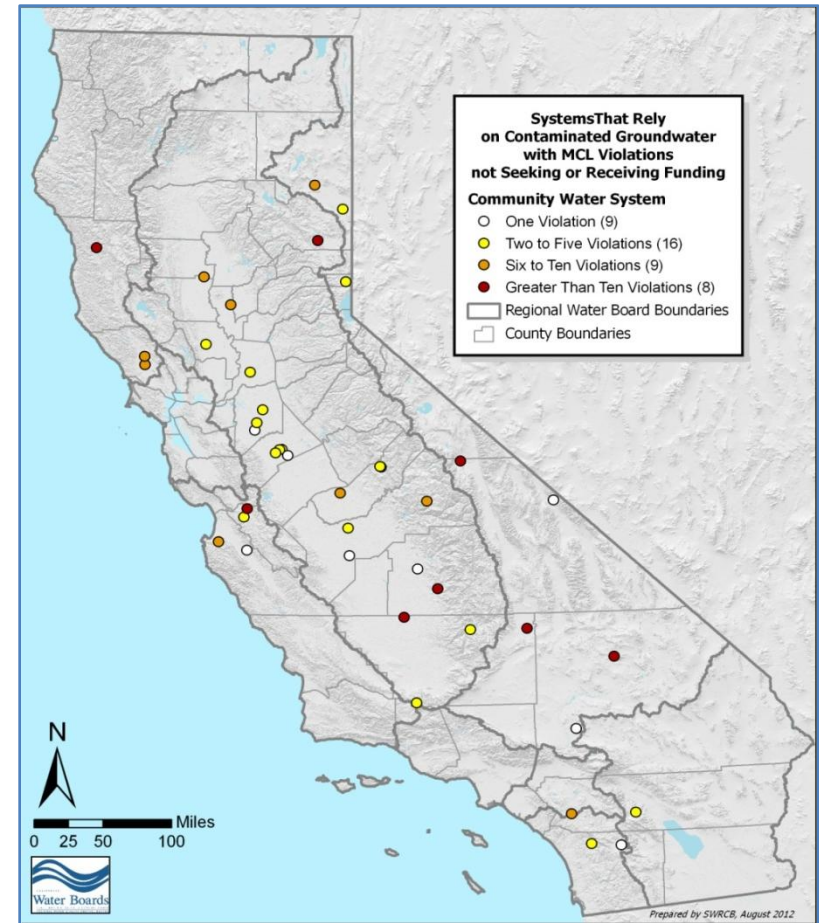


Figure 6.2: Identified Community Water Systems with MCL Violations (2002-2010) That are Not Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues (42 systems, as of October 2011)

Source: Safe Drinking Water State Revolving Fund, Proposition 50 & 84, and American Recovery and Reinvestment Act of 2009 (ARRA) priority funding lists maintained by the California Department of Public Health and the CDPH PICME Database

Table 6.1: Community Water Systems that Rely on a Contaminated Groundwater Source, with MCL Violations, NOT Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues

| Public Water System Number | County | System Name | Chemical Violation | Number of Violations | Population Served |
|----------------------------|----------------|-----------------------------------|-----------------------------------|----------------------|-------------------|
| 1000445 | Fresno | LINDA VISTA FARMS | Uranium | 1 | 61 |
| 1000472 | Fresno | PG&E HELMS SUPPORT FACILITY | Arsenic | 8 | 36 |
| 1000585 | Fresno | MURRIETA/HERNANDEZ FARMS | Nitrate (as NO ₃) | 4 | 4 |
| 1400155 | Inyo | CONTROL GORGE POWER PLANT | Arsenic | 16 | 36 |
| 1410504 | Inyo | NPS - DEATH VALLEY, GRAPEVINE RS | Arsenic | 1 | 4 |
| 1510028 | Kern | MIL POTRERO MWC | Arsenic | 2 | 1,800 |
| 1510049 | Kern | CWS - LAKELAND | Fluoride (natural), Radionuclides | 2 | 683 |
| 1510802 | Kern | KERN VALLEY STATE PRISON | Arsenic | 13 | 6,546 |
| 1805004 | Lassen | HIGH DESERT STATE PRISON | Arsenic | 10 | 10,950 |
| 1810700 | Lassen | SIERRA ARMY DEPOT-HERLONG | Uranium | 3 | 1,500 |
| 2000524 | Madera | SKY ACRES MUTUAL WATER CORP | Arsenic | 1 | 90 |
| 2000688 | Madera | ECCO | Arsenic | 2 | 100 |
| 2010801 | Madera | VALLEY STATE PRISON FOR WOMEN | Arsenic | 8 | 4,000 |
| 2310011 | Mendocino | LAYTONVILLE COUNTY WATER DISTRICT | Arsenic | 13 | 1,301 |
| 2710021 | Monterey | CAL AM WATER COMPANY - TORO | Arsenic | 6 | 1,296 |
| 2710851 | Monterey | SALINAS VALLEY STATE PRISON | Nitrate (as NO ₃) | 1 | 6,585 |
| 2910010 | Nevada | TRUCKEE-DONNER PUD - HIRSCHDALE | Arsenic | 2 | 48 |
| 3210003 | Plumas | CITY OF PORTOLA | Arsenic | 12 | 2,500 |
| 3310046 | Riverside | FARM MUTUAL W.C. (THE) | Total Trihalomethanes | 8 | 3,335 |
| 3410008 | Sacramento | ELK GROVE WATER SERVICE | Arsenic | 3 | 35,567 |
| 3500527 | San Benito | VALENZUELA WATER SYSTEM | Nitrate (as NO ₃) | 2 | 55 |
| 3600012 | San Bernardino | APPLE VALLEY VIEW MWC | Fluoride (natural) | 1 | 200 |
| 3610705 | San Bernardino | US ARMY FORT IRWIN | Arsenic | 19 | 16,000 |

Table 6.1 (cont.): Community Water Systems that Rely on a Contaminated Groundwater Source, with MCL Violations, NOT Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues

| Public Water System Number | County | System Name | Chemical Violation | Number of Violations | Population Served |
|----------------------------|----------------|------------------------------------------|----------------------------------------|----------------------|-------------------|
| 3610854 | San Bernardino | SEARLES VALLEY MINERALS OPERATIONS INC | Arsenic | 12 | 2,100 |
| 3900653 | San Joaquin | ISLANDER MARINA | Radionuclides | 1 | 150 |
| 3910701 | San Joaquin | DEFENSE DISTRIB. DEPOT, SHARPE SITE | Arsenic | 3 | 1,650 |
| 4900676 | Sonoma | SEQUOIA GARDENS MOBILE HOME PARK | Arsenic | 7 | 300 |
| 4900723 | Sonoma | SHAMROCK MOBILE HOME PARK | Arsenic | 9 | 188 |
| 5000051 | Stanislaus | MOBILE PLAZA PARK | Arsenic | 2 | 125 |
| 5000077 | Stanislaus | CERES WEST MHP | Arsenic | 4 | 161 |
| 5000316 | Stanislaus | CURTIS INVESTMENTS | Arsenic | 1 | 42 |
| 5403110 | Tulare | SIERRA MUTUAL WATER CO | Nitrate (as NO ₃) | 13 | 39 |
| 5700571 | Yolo | MADISON SERVICE DIST | Nitrate (as NO ₃) | 2 | 876 |
| 600013 | Colusa | PRINCETON WATER DISTRICT | Arsenic | 7 | 356 |
| 3301588 | Riverside | Royal Carrizo HOA | Uranium | 4 | 25 |
| 3500810 | San Benito | WHISPERING PINES INN | Arsenic | 13 | 100 |
| 3700958 | San Diego | LOS TULES MUTUAL WATER COMPANY | Radionuclides | 1 | 140 |
| 3710012 | San Diego | RANCHO PAUMA MUTUAL WC | Nitrate (as NO ₃) | 3 | 500 |
| 3900649 | San Joaquin | GLENWOOD MOBILE HOME PARK | Nitrate (as NO ₃) | 3 | 100 |
| 5000389 | Stanislaus | MONTEREY PARK TRACT COMMUNITY SERVICE DI | Arsenic, Nitrate (as NO ₃) | 5 | 186 |
| 5110003 | Sutter | YUBA CITY GROUNDWATER-REGION 2-3 | Arsenic | 8 | 10,200 |
| 5410003 | Tulare | EXETER, CITY OF | 1,2-Dibromo-3-chloropropane (DBCP) | 1 | 10,730 |

Source: Safe Drinking Water State Revolving Fund, Proposition 50 & 84, and American Recovery and Reinvestment Act of 2009 (ARRA) priority funding lists maintained by the CDPH. Violation data from the CDPH's Permits, Inspections, Compliance, Monitoring, and Enforcement (PICME) System Information database.

Table 6.2: Principal Contaminants in Community Water Systems that Rely on a Contaminated Groundwater Source, with MCL Violations, NOT Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues

| Principal Contaminant | Number of Identified Community Water Systems with MCL Violations | County (Number of MCL Violations) |
|------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Arsenic | 26 | San Bernardino (31), Inyo (17), Sonoma (16), Kern (15), San Benito (13), Mendocino (13), Stanislaus (11), Plumas (12), Lassen (10), Madera (11), Sutter (8), Fresno (8), Monterey (6), Sacramento (3), San Joaquin (3), Nevada(2), |
| Nitrate | 8 | Tulare (13), Stanislaus (5), Fresno (4), San Diego (3), San Joaquin (3), San Benito (2), Yolo (2), Monterey (1) |
| Radionuclides | 3 | Kern (2), San Joaquin (1), San Diego (1) |
| Uranium | 3 | Riverside (4), Lassen (3), Fresno (1) |
| Fluoride (natural) | 2 | Kern (2), San Bernardino (1) |
| Total Trihalomethanes (THMs) | 1 | Riverside (8) |
| 1,2-Dibromo-3-chloropropane (DBCP) | 1 | San Bernardino (1) |

Note: Some community water systems have MCL violations for multiple contaminants. See Table 6.1
Source: Safe Drinking Water State Revolving Fund, Proposition 50 & 84, and American Recovery and Reinvestment Act of 2009 (ARRA) priority funding lists maintained by the CDPH. Violation data from the CDPH's Permits, Inspections, Compliance, Monitoring, and Enforcement (PICME) System Information database

6.2 Funding Sources and Needs

The identification of systems that are not receiving funding, despite known drinking water quality issues, will help CDPH, the State Water Resources Control Board (State Water Board), and other agencies prioritize available resources to help ensure that those communities serve safe drinking water. These funding sources are described in detail below. The known or anticipated needs of community water systems for infrastructure upgrades, repairs, and construction, are also discussed.

6.2.1 CDPH Funding Sources

CDPH administers and oversees several sources of funds to address drinking water quality issues. The total amount distributed from these sources can be substantial; for fiscal year 2010-2011, CDPH distributed approximately \$375 million directly to community water systems in the form of grants and loans to address clean drinking water issues (see Table 6.3). This value includes approximately \$190 million for disadvantaged communities (where the median household income was less than 80% of the state average), and approximately \$75 million for small water systems with less than 3,300 people. The sources of these funds are summarized below:

1. **The Safe Drinking Water State Revolving Fund (SRF):** CDPH uses the resources of the SRF for low interest loans or grants to enable water systems to fund necessary infrastructure improvements. CDPH manages SRF resources to fund projects that ensure community water systems are able to provide an adequate, reliable supply of safe drinking water that conforms to federal and state drinking water standards. The funds are provided from the federal government, with 20 percent state matching. Interest and loan repayments are re-incorporated into the fund. Over the last three years (2009-2011), the SRF received an additional \$160 million as part of the federal American Reinvestment and Recovery Act (ARRA).

Current Status: Ongoing allocations of approximately \$100 million to \$150 million per year.

2. **Proposition 50 Bond Funding:** California voters passed Proposition 50 (The Water Security, Clean Drinking Water, Coastal and Beach Protection Act) in 2002. CDPH is responsible for portions of this act that deal with water security, safe drinking water, and treatment technology. It allocated approximately \$500 million to CDPH for use as direct grants and loans to community water systems for infrastructure development, construction, and maintenance. Proposition 50 also allocated funds to other agencies including the State Water Board, and Department of Water Resources (DWR).

Current Status: Fully allocated, no longer accepting applications. Funds will likely be exhausted as of 2014.

3. **Proposition 84 Bond Funding:** California voters passed Proposition 84 (The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act) in 2006. It allocated approximately \$250 million to CDPH for grants and loans to systems for drinking water planning and infrastructure. This \$250 million allotment included \$60 million specifically earmarked for use as grants to reduce or prevent contamination of groundwater that serves as a source of drinking water. Proposition 84 also allocated funds to DWR for use in Integrated Regional Watershed Management (IRWM) planning and development.

Current Status: CDPH component is fully allocated, no longer accepting applications. Funds will likely be exhausted as of 2012.

TABLE 6.3: CDPH FUNDING SOURCES SUMMARY, FISCAL YEAR 2010-2011

| CDPH Funding Source | Type of Project ¹ | Number Funded | Amount ² |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------|----------------------|
| Safe Drinking Water State Revolving Fund (SRF) | All SRF Projects | 26 | \$235,099,088 |
| | Planning Projects | 2 | \$2,665,430 |
| | Construction Projects | 18 | \$232,433,658 |
| | To Disadvantaged Communities ³ | 19 | \$137,823,735 |
| | To Schools and Universities | 2 | \$244,500 |
| | To Small Water Systems (<3,300 people) | 10 | \$9,244,160 |
| Proposition 50 | All Proposition 50 Projects | 16 | \$87,179,658 |
| | Planning Projects | 0 ⁴ | 0 |
| | Construction Projects | 16 | \$87,179,658 |
| | To Disadvantaged Communities ³ | 7 | \$7,022,608 |
| | To Schools and Universities | 0 | 0 |
| | To Small Water Systems (<3,300 people) | 6 | \$25,029,262 |
| Proposition 84 (CDPH) | All Proposition 84 Projects | 50 | \$51,806,421 |
| | Planning Projects | NA ⁶ | NA ⁶ |
| | Construction Projects | NA ⁶ | NA ⁶ |
| | To Disadvantaged Communities ³ | 47 | \$38,959,121 |
| | To Schools and Universities | 14 | \$4,930,703 |
| | To Small Water Systems (<3,300 people) | NA ⁶ | NA ⁶ |
| | Groundwater-Specific Programs ⁵ | 8 | \$39,344,348 |
| TOTAL OF ALL CDPH SOURCES¹ | SRF, PROPOSITION 50, & PROPOSITION 84 | 92 | \$374,085,167 |
| Notes: <ol style="list-style-type: none"> Includes both surface water and groundwater projects The sum of dollar amounts within each subcategory may not add up to listed total for all projects, because some types of projects overlap. For example, dollar amounts listed under "construction projects" may also be included in dollar amounts for "disadvantaged communities" and/or "small water systems." CDPH defines "disadvantaged community" as having a median household income of less than 80% of the statewide median household income. CDPH Proposition 50 funding does not fund planning projects CDPH Proposition 84 funding included funds specifically designated for use in groundwater projects. Specific counts and dollar amounts for this category are Not Available (NA). | | | |

6.2.2 Additional Sources of Current Funding

Other agencies, in addition to CDPH, have distributed money to community water systems over the past ten years. Both DWR and the State Water Board received bond funds to address water quality. In total, DWR and the State Water Board received approximately \$1.7 billion to address water quality and water use over the last decade (see Table 6.4) through Proposition 50 and Proposition 84. However, these funds were not specifically allocated to community water systems to improve drinking water quality. State Water Board funds from Proposition 50 are fully allocated and/or spent; only the \$1 billion allocated to DWR for IRWM planning and implementation will have funds remaining (approximately \$774 million, as of October 2011).

In summary, while significant public funding has allowed extensive progress in maintaining and fixing California's drinking water infrastructure, the amount of remaining funds that are available for this purpose will decrease over the next few years as the Propositions 50 and 84 bond funds are exhausted. Only SRF allocations funded by CDPH and IRWM projects funded by DWR will continue to provide state grants and loans for drinking water quality infrastructure needs beyond 2012.

TABLE 6.4: SELECTED PUBLIC FUNDING SOURCES THAT MAY BE USED TO ADDRESS DRINKING WATER QUALITY ISSUES, 2002-2012

| Funding Source | Type of Project | Total Starting Amount¹ | Status² |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|
| Proposition 50 (CDPH) | Public Water Systems/Community Water Systems | \$50,000,000 | Fully allocated beyond 2012 |
| | Small systems: monitoring, treatment, infrastructure | \$14,000,000 | |
| | Grants for treatment and contaminant removal | \$14,000,000 | |
| | Grants for water quality monitoring | \$14,000,000 | |
| | Source water protection | \$14,000,000 | |
| | Colorado River Use Reduction | \$260,000,000 | |
| | Contaminant Treatment | \$25,000,000 | |
| | UV/Ozone to address MCL Violation | \$25,000,000 | |
| | CDPH Proposition 50 Total | \$508,000,000 | Fully Allocated |
| State Revolving Fund (CDPH) | CDPH State Revolving Fund Annual Total | \$150,000,000 (approx.)³ | \$150,000,000³ |
| Proposition 50 (DWR) | Projects consistent with an adopted Integrated Regional Water Management Plan | \$250,000,000 | Fully allocated beyond 2012 |
| | DWR Proposition 50 Total | \$250,000,000 | NA |
| Proposition 50 (State Water Board) | Pollution prevention, reclamation, water quality improvement, blending and exchange projects, source protection, others | \$100,000,000 | Fully allocated beyond 2012 |
| | Restore/protect surface and groundwater | \$100,000,000 | |
| | Projects consistent with an adopted Integrated Regional Water Management Plan | \$250,000,000 | |
| | State Water Board Proposition 50 Total | \$450,000,000 | Fully Allocated |
| American Reinvestment and Recovery Act (ARRA) | For deposit into the Safe Drinking Water State Revolving Fund | \$160,000,000 | Fully Allocated |
| | CDPH ARRA Total | \$160,000,000 | Fully Allocated |
| Proposition 84 (CDPH) | Emergency Clean Water Grants | \$10,000,000 | Fully allocated beyond 2012 |
| | Small community Infrastructure and nitrate | \$180,000,000 | |
| | Grants to reduce or prevent contamination of groundwater that serves as a source of drinking water | \$60,000,000 | |
| | CDPH Proposition 84 Total | \$250,000,000 | Fully Allocated |
| Proposition 84 (DWR) | Integrated Regional Water Management Planning and Implementation | \$1,000,000,000 | <\$774,000,000 ⁴ |
| | DWR Proposition 84 Total | \$1,000,000,000 | <\$774,000,000⁴ |

(notes for Table 6.4 are on next page)

Notes For table 6.4:

1. Total available funds based upon amounts allocated as found within the California Water Code and original Proposition language, except where as noted otherwise.
2. "Status" refers to the estimated status of funds remaining in each respective funding source.
3. SRF funds vary annually, based upon allocation from federal government, previous year's expenditures, loan and interest repayment, and state matching funds. The value shown here is an approximation based upon previous SRF expenditures and CDPH 2011-2012 Intended Use Plan (CDPH, 2011).
4. As of October 2011. DWR IRWM funding is ongoing; this number will likely change.

6.2.3 Drinking Water Infrastructure Needs

Drinking water infrastructure needs – including water quality monitoring, treatment and contaminant removal, new wells, equipment, and operational needs – far exceed the amount of funds that are available. CDPH estimates of unmet need, based upon applications for financial assistance that it has received, are approximately \$2 billion. However, after 2012, only CDPH's SRF and DWR's IRWM will be available for infrastructure and planning projects.

Every four years, the United States Environmental Protection Agency (USEPA) estimates the twenty-year capital improvement necessary for water systems to continue to provide safe drinking water to the public. The USEPA has estimated that the unmet need for transmission/distribution, source development, treatment, storage, and other infrastructure problems is \$39 billion over the next twenty years (USEPA Needs Analysis, 2007, http://water.epa.gov/infrastructure/drinkingwater/dwns/upload/2009_03_26_needssurvey_2007_report_needssurvey_2007.pdf).

Of this total, \$7.5 billion were estimated as costs associated with treatment.

In summary, the past decade has seen large investments in California's drinking water infrastructure. These investments have significantly improved the ability of communities to deliver safe drinking water that meets all public health standards. However, there is a remaining need. The SRF will address some of the unmet needs, but at the current rate of SRF distribution, it may take decades to address the known and expected drinking water quality issues.

6.3 Potential Funding Options

CDPH, DWR, and the State Water Board have historically provided the bulk of public funds available for drinking water infrastructure improvements. However, there are additional sources of revenue that have been used in the past, and that may be available in the future through legislative action. These additional sources are described below.

- HUD: Housing and Urban Development (HUD). The Community Development Block Grant (CDBG) program is a flexible program that provides communities with resources to address a wide range of development needs. Beginning in 1974, the CDBG program is one of the longest continuously run programs at HUD.
- New Bond Funding: A new bond initiative could provide an additional source of funds for drinking water infrastructure improvements. Bond funds would require legislation and approval by the voters.
- Funding from the Waste Discharge Permit Fund (WDPF): Appropriation would require legislative approval as a part of the state budget process. Additional fee revenue could be generated in a number of ways, including an increase in the

current surcharge on the WDPF fee, or imposing a fee on those dischargers that could affect groundwater and are not paying a fee.

- Federal Funds: There are federal agencies that provide loans and grants to communities to address drinking water quality issues. HUD offers financial assistance to some communities. Other types of Federal funds would rely on an appropriation by Congress.
- Fee on Groundwater Use: Funds generated by assessing a new fee on groundwater use would require legislation that permits an assessment made on actual groundwater pumping or a tiered assessment on water purveyors that rely on groundwater.
- General Fund: General Fund appropriation would require an appropriation as part of the state budget process. General Fund is limited at this time and therefore an unlikely alternative.

6.4 MCL Violation and Current Funding Information for Community Water Systems That Rely on a Contaminated Groundwater Source for Drinking Water

This report identified 680 community water systems that rely on a contaminated groundwater source for drinking water where a principal contaminant was detected on two or more occasions above an MCL in an active supply well during the most recent CDPH compliance cycle (2002-2010).

Table 6.5 lists community water systems that rely on a contaminated groundwater source for drinking water and have been issued a CDPH MCL violation during the most recent CDPH compliance cycle (2002-2010). Available funding information provided by CDPH is also included (Source: Safe Drinking Water State Revolving Fund, Proposition 50 & 84, and American Recovery and Reinvestment Act of 2009 (ARRA) priority funding lists maintained by CDPH).

6.4.1 Definitions and Descriptions for Column Headings in Table 6.5

The following lists the column header descriptions for Table 6.5, which begins on the next page.

- **County** – County location of the community water system with the MCL violation, as provided by CDPH.
- **Public Water System Number** – The unique identification number assigned by CDPH to a community water system.
- **Public Water System Name** – The name of the community water system with an identified MCL violation.
- **Type of MCL Violation (2002-2010)** – The principal contaminant for which an MCL violation was issued by CDPH. Compliance data was supplied by CDPH for the most recent compliance cycle (2002-2010).
- **Funding Sources** – Lists community water systems that have applied for or are receiving funding from one or more of four sources, as identified by CDPH. These four sources are listed below. The list does not include information on the amount of funding a community has received, the purpose for which funding was provided or applied for, or information on funding that may have been received from other state agencies. Forty-two community water systems do not have known current funding sources.
 - Safe Drinking Water State Revolving Fund
 - Proposition 84 bond funding
 - Proposition 50 bond funding
 - Rural California Water Association

Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations

| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
|--------------|----------------------------|------------------------------------------|------------------------------------|------------------------------------------|----------|----------|------------------------------------|
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Butte | 410004 | CITY OF GRIDLEY | Arsenic | Yes | Yes | | |
| Colusa | 600008 | COLUSA CO. W.D. #1 - GRIMES | Arsenic | Yes | Yes | | |
| Colusa | 600011 | DEL ORO WATER CO.-WALNUT RANCH | Arsenic | Yes | Yes | | |
| Colusa | 600013 | PRINCETON WATER DISTRICT | Arsenic | | | | Yes |
| Contra Costa | 706007 | VILLA DE GUADALUPE | Nitrate | Yes | Yes | | |
| Contra Costa | 707615 | DOUBLETREE RANCH WATER SYSTEM | Arsenic | Yes | Yes | | |
| El Dorado | 910002 | SOUTH TAHOE PUD - MAIN | Arsenic | Yes | Yes | | |
| El Dorado | 910015 | TAHOE KEYS WATER COMPANY | Tetrachloroethylene (PCE) | Yes | | | |
| Fresno | 1000042 | FCWWD #40/SHAVER SPRINGS | Gross Alpha, Arsenic, Uranium | Yes | Yes | | |
| Fresno | 1000053 | LANARE COMMUNITY SERVICES DIST | Arsenic | Yes | Yes | | |
| Fresno | 1000056 | MEADOW LAKES CLUB | Uranium | Yes | Yes | | |
| Fresno | 1000238 | CAMDEN TRAILER PARK | Arsenic | Yes | Yes | | |
| Fresno | 1000359 | FCSA #32/CANTUA CREEK | Total Trihalomethanes | Yes | Yes | | |
| Fresno | 1000366 | SUNNYSIDE CONVALESCENT HOSP | Nitrate | Yes | Yes | | |
| Fresno | 1000369 | ZONNEVELD DAIRY | Arsenic | Yes | Yes | | |
| Fresno | 1000445 | LINDA VISTA FARMS | Uranium | No known current funding | | | |
| Fresno | 1000472 | PG&E HELMS SUPPORT FACILITY | Arsenic | No known current funding | | | |
| Fresno | 1000585 | MURRIETA/HERNANDEZ FARMS | Nitrate | No known current funding | | | |
| Fresno | 1010005 | FIREBAUGH CITY | Arsenic | Yes | Yes | | |
| Fresno | 1010007 | FRESNO, CITY OF | 1,2-Dibromo-3-chloropropane (DBCP) | Yes | Yes | | |
| Fresno | 1010028 | RIVERDALE PUBLIC UTILITY DISTRICT | Arsenic | Yes | Yes | | |
| Fresno | 1010030 | TRANQUILLITY IRRIGATION DIST | Arsenic | Yes | Yes | | |
| Fresno | 1010039 | CARUTHERS COMM SERV DIST | Arsenic | Yes | Yes | | |
| Inyo | 1400006 | Pine Creek Village | Uranium | Yes | Yes | | |
| Inyo | 1400036 | Keeler Community Service District | Arsenic | Yes | Yes | | |
| Inyo | 1400037 | Foothill Lone Pine Mobile Home Park, LLC | Arsenic, Uranium | Yes | Yes | | |
| Inyo | 1400155 | Control Gorge Power Plant | Arsenic | No known current funding | | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------|-----------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Inyo | 1410504 | NPS - DEATH VALLEY, GRAPEVINE RS | Arsenic | No known current funding | | | |
| Kern | 1500096 | OLD RIVER MUTUAL WATER COMPANY | Uranium | Yes | Yes | | |
| Kern | 1500290 | EDGEMONT ACRES MUTUAL WATER COMPANY | Arsenic | Yes | Yes | | |
| Kern | 1500364 | KRVWC - KERNS VALLE MUTUAL WATER CO | Arsenic | Yes | Yes | | |
| Kern | 1500373 | SEVENTH STANDARD MUTUAL | Nitrate | Yes | Yes | | |
| Kern | 1500378 | MAHER MUTUAL WATER COMPANY | Arsenic | Yes | Yes | | |
| Kern | 1500405 | AERIAL ACRES WATER SYSTEM | Arsenic | Yes | Yes | | |
| Kern | 1500406 | TRADEWIND WATER ASSOC. | Uranium | Yes | Yes | | |
| Kern | 1500424 | LANDS OF PROMISE MUTUAL WATER ASSOCIATIO | Arsenic | Yes | Yes | | |
| Kern | 1500426 | ROSE VILLA APARTMENTS | Arsenic | Yes | Yes | | |
| Kern | 1500436 | HUNGRY GULCH WATER SYSTEM | Arsenic | Yes | Yes | | |
| Kern | 1500449 | FOURTH STREET WATER SYSTEM | Arsenic | Yes | Yes | | |
| Kern | 1500455 | WILLIAM FISHER MEMORIAL WATER COMPANY | Arsenic | Yes | Yes | | |
| Kern | 1500458 | R.S. MUTUAL WATER COMPANY | Arsenic, Uranium | Yes | Yes | | |
| Kern | 1500461 | FOUNTAIN TRAILER PARK WATER | Arsenic | Yes | Yes | | |
| Kern | 1500475 | KRISTA MUTUAL WATER COMPANY | Fluoride | Yes | Yes | | |
| Kern | 1500493 | EL ADOBE POA, INC. | Arsenic | Yes | Yes | | |
| Kern | 1500494 | WILSON ROAD WATER COMMUNITY | Nitrate | Yes | Yes | | |
| Kern | 1500521 | BOULDER CANYON WATER ASSOCIATION | Arsenic | Yes | Yes | | |
| Kern | 1500525 | LAKEVIEW RANCHOS MUTUAL WATER | Arsenic | Yes | Yes | | |
| Kern | 1500540 | PINON HILL WATER COMPANY | Arsenic | Yes | Yes | | |
| Kern | 1500544 | ENOS LANE PUBLIC UTILITY DISTRICT | Nitrate | Yes | Yes | | |
| Kern | 1500561 | ROUND MOUNTAIN WATER COMPANY | Uranium | Yes | Yes | | |
| Kern | 1500569 | VALLEY VIEW ESTATES MUTUAL WATER CO | Nitrate | Yes | Yes | | |
| Kern | 1500571 | LUCKY 18 ON ROSAMOND, LLC | Arsenic | Yes | Yes | | |
| Kern | 1500584 | GOOSELAKE WATER COMPANY | Nitrate | Yes | Yes | | |
| Kern | 1500585 | OASIS PROPERTY OWNERS ASSOCIATION | Arsenic | Yes | Yes | | |
| Kern | 1502017 | WHEELER FARMS HEADQUARTERS | Nitrate | | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------|-----------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Kern | 1502232 | ROSAMOND MOBILEHOME PARK | Uranium | Yes | Yes | | |
| Kern | 1502383 | NORD ROAD WATER ASSOCIATION | Arsenic | Yes | Yes | | |
| Kern | 1502465 | PANAMA ROAD PROPERTY OWNERS ASSOC | Arsenic | Yes | Yes | | |
| Kern | 1502569 | FIRST MUTUAL WATER SYSTEM | Arsenic | Yes | Yes | | |
| Kern | 1502597 | DEL SOL WATER CO-OP | Uranium | Yes | Yes | | |
| Kern | 1502622 | GOSFORD ROAD WATER COMPANY | Arsenic | Yes | Yes | | |
| Kern | 1502670 | FAIRVIEW WATER COMPANY, LLC | Perchlorate | Yes | Yes | | |
| Kern | 1502724 | QUAIL VALLEY WATER DIST-EASTSIDE SYSTEM | Arsenic | Yes | Yes | | |
| Kern | 1503226 | QUAIL VALLEY WATER DIST-WESTSIDE SYSTEM | Fluoride, Antimony | Yes | Yes | | |
| Kern | 1510001 | ARVIN COMMUNITY SERVICES DIST | Arsenic, Nitrate | Yes | Yes | | |
| Kern | 1510002 | BORON CSD | Arsenic | Yes | Yes | | |
| Kern | 1510005 | DELANO, CITY OF | Arsenic | Yes | Yes | | |
| Kern | 1510006 | EAST NILES CSD | Arsenic | Yes | Yes | | |
| Kern | 1510012 | LAMONT PUBLIC UTILITY DIST | Arsenic | Yes | Yes | | |
| Kern | 1510014 | MOJAVE PUD | Arsenic | Yes | Yes | | |
| Kern | 1510016 | RAND COMMUNITIES CWD - RANDESBURG | Arsenic | Yes | Yes | | |
| Kern | 1510017 | INDIAN WELLS VALLEY W.D. | Arsenic | Yes | Yes | | |
| Kern | 1510018 | ROSAMOND CSD | Arsenic | Yes | Yes | | |
| Kern | 1510024 | GREENFIELD COUNTY WD | Arsenic | Yes | Yes | | |
| Kern | 1510025 | STALLION SPRINGS CSD | Nitrate | Yes | Yes | | |
| Kern | 1510027 | DESERT LAKE COMM SERV DIST | Arsenic | Yes | Yes | | |
| Kern | 1510028 | MIL POTRERO MWC | Arsenic | No known current funding | | | |
| Kern | 1510046 | LOST HILLS UTILITY DISTRICT | Arsenic | Yes | Yes | | |
| Kern | 1510049 | CWS - LAKE LAND | Fluoride, Radium | No known current funding | | | |
| Kern | 1510051 | LEBEC COUNTY WATER DISTRICT | Fluoride | Yes | Yes | | |
| Kern | 1510052 | NORTH EDWARDS WD | Arsenic | Yes | Yes | | |
| Kern | 1510054 | PINON PINES MWC | Fluoride, Arsenic | Yes | Yes | | |
| Kern | 1510802 | KERN VALLEY STATE PRISON | Arsenic | No known current funding | | | |
| Kings | 1600004 | FOUR SEASONS MOBILE HOME PARK | Arsenic | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------|-----------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Kings | 1600010 | LACEY COURTS MHP | Arsenic | Yes | Yes | | |
| Kings | 1600504 | HAMBLIN MUTUAL WATER CO | Arsenic | Yes | Yes | | |
| Kings | 1610001 | ARMONA COMMUNITY SERVICES DIST | Arsenic, Total Trihalomethanes | Yes | Yes | | |
| Kings | 1610003 | HANFORD, CITY OF | Arsenic | Yes | Yes | | |
| Kings | 1610005 | LEMOORE, CITY OF | Arsenic | Yes | Yes | | |
| Kings | 1610007 | HOME GARDEN CSD | Arsenic | Yes | Yes | | |
| Kings | 1610009 | KETTLEMAN CITY CSD | Arsenic | Yes | Yes | | |
| Lake | 1700536 | SUNRISE SHORE MUTUAL WATER COMPANY | Aluminum | Yes | Yes | | |
| Lassen | 1805004 | HIGH DESERT STATE PRISON | Arsenic | No known current funding | | | |
| Lassen | 1810700 | SIERRA ARMY DEPOT-HERLONG | Uranium | No known current funding | | | |
| Los Angeles | 1910001 | CITY OF ALHAMBRA | Nitrate | Yes | Yes | | |
| Los Angeles | 1910003 | CITY OF ARCADIA | Nitrate | Yes | Yes | | |
| Los Angeles | 1910017 | SANTA CLARITA WATER DIVISION F | Nitrate | Yes | Yes | | |
| Los Angeles | 1910066 | LEISURE LAKE MOBILE ESTATES | Arsenic | Yes | Yes | | |
| Los Angeles | 1910153 | SOUTH MONTEBELLO IRRIGATION DIST. | Arsenic | Yes | Yes | | |
| Los Angeles | 1910244 | GREEN VALLEY CWD | Nitrate | Yes | Yes | | |
| Los Angeles | 1910246 | LAND PROJECT MUTUAL WATER CO. | Arsenic | Yes | Yes | | |
| Madera | 2000293 | MD#46 AHWAHNEE RESORTS | Gross Alpha, Arsenic | Yes | Yes | | |
| Madera | 2000501 | BASS LAKE ANNEX #3 | Uranium | Yes | Yes | | |
| Madera | 2000502 | BASS LAKE HEIGHTS MUTUAL WATER | Arsenic | Yes | Yes | | |
| Madera | 2000506 | SIERRA LINDA MUTUAL WATER CO | Gross Alpha, Arsenic, Uranium | Yes | Yes | | |
| Madera | 2000511 | MD#85 VALETA MUTUAL WATER COMPANY | Nitrate | Yes | Yes | | |
| Madera | 2000512 | EAST ACRES MUTUAL WATER COMPANY | Arsenic | Yes | Yes | | |
| Madera | 2000524 | SKY ACRES MUTUAL WATER CORP | Arsenic | No known current funding | | | |
| Madera | 2000526 | PIKE RANCH MUTUAL WATER CO | Gross alpha, uranium | Yes | Yes | | |
| Madera | 2000527 | YOSEMITE FORKS ESTATES MUTUAL WTR | Arsenic | Yes | Yes | | |
| Madera | 2000534 | LEISURE ACRES MUTUAL WATER CO | Arsenic | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|-----------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Madera | 2000538 | CEDAR VALLEY MUTUAL WATER CO | Arsenic | Yes | Yes | | |
| Madera | 2000550 | MD#06 LAKE SHORE PARK | Gross Alpha, Arsenic, Uranium | Yes | Yes | | |
| Madera | 2000551 | MD#07 MARINA VIEW HEIGHTS | Gross Alpha, Arsenic, Uranium | Yes | Yes | | |
| Madera | 2000552 | MD#24 TEAFORD MEADOW LAKES | Arsenic | Yes | Yes | | |
| Madera | 2000561 | MD#08 NORTH FORK WATER SYSTEM | Arsenic | Yes | Yes | | |
| Madera | 2000688 | ECCO | Arsenic | No known current funding | | | |
| Madera | 2000737 | MD#42 STILL MEADOW | Gross Alpha, Arsenic, Uranium | Yes | Yes | | |
| Madera | 2000785 | VALLEY TEEN RANCH | Arsenic | Yes | Yes | | |
| Madera | 2000828 | SHADY OAKS MOBILE HOME PARK | Gross alpha, uranium | Yes | Yes | | |
| Madera | 2010003 | BASS LAKE WATER COMPANY | Uranium | Yes | Yes | | |
| Madera | 2010007 | HILLVIEW WC-OAKHURST/SIERRA LAKES | Arsenic, Uranium | Yes | Yes | Yes | |
| Madera | 2010012 | HILLVIEW WATER CO-RAYMOND | Nitrate | Yes | Yes | Yes | |
| Madera | 2010801 | VALLEY STATE PRISON FOR WOMEN | Arsenic | No known current funding | | | |
| Mendocino | 2310011 | LAYTONVILLE COUNTY WATER DISTRICT | Arsenic | No known current funding | | | |
| Mono | 2610003 | BRIDGEPORT PUD | Arsenic | Yes | Yes | | |
| Monterey | 2700665 | OAK HEIGHTS W & R CO INC | Nitrate | Yes | Yes | | |
| Monterey | 2700702 | PRUNEDALE MWC | Arsenic | Yes | Yes | | |
| Monterey | 2700738 | SAN MIGUEL WS #01 | Nitrate | Yes | Yes | | |
| Monterey | 2701036 | APPLE AVE WS #03 | Nitrate | Yes | Yes | | |
| Monterey | 2701063 | RIVER RD WS #25 | Nitrate | Yes | Yes | | |
| Monterey | 2701068 | IVERSON & JACKS APTS WS | Nitrate | Yes | Yes | | |
| Monterey | 2701926 | MORO RD WS #09 | Arsenic, Nitrate | Yes | Yes | | |
| Monterey | 2710010 | CWSC SALINAS | MTBE, Nitrate | Yes | Yes | | |
| Monterey | 2710021 | CAL AM WATER COMPANY - TORO | Arsenic | No known current funding | | | |
| Monterey | 2710851 | SALINAS VALLEY STATE PRISON | Nitrate | No known current funding | | | |
| Nevada | 2910010 | TRUCKEE-DONNER PUD - HIRSCHDALE | Arsenic | No known current funding | | | |
| Nevada | 2910011 | PLAVADA COMMUNITY ASSOCIATION | Arsenic | Yes | Yes | | |
| Orange | 3000662 | CATALINA STREET PUMP OWNERS | Uranium | Yes | Yes | | |
| Orange | 3000663 | DIAMOND PARK MUTUAL WATER CO. | Nitrate | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|------------------------------|-----------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Placer | 3110032 | LAKE FOREST UTILITY COMPANY | Arsenic | Yes | Yes | Yes | |
| Plumas | 3200104 | GRIZZLY LAKE RID-DELLEKER | Uranium | Yes | Yes | | |
| Plumas | 3210003 | CITY OF PORTOLA | Arsenic | No known current funding | | | |
| Riverside | 3301380 | Saint Anthony Trailer Park | Arsenic | Yes | Yes | | |
| Riverside | 3301588 | Royal Carrizo HOA | Uranium | | | | Yes |
| Riverside | 3301755 | Sunbird Mobile Home Park | Arsenic | Yes | Yes | | |
| Riverside | 3310005 | DESERT WATER AGENCY | Uranium | Yes | Yes | Yes | |
| Riverside | 3310012 | ELSINORE VALLEY MWD | Total Trihalomethanes | Yes | Yes | Yes | |
| Riverside | 3310016 | HEMET, CITY OF | Nitrate | Yes | Yes | | |
| Riverside | 3310025 | NORCO, CITY OF | Arsenic | Yes | Yes | | |
| Riverside | 3310040 | FERN VALLEY WD | Haloacetic Acids | Yes | Yes | | |
| Riverside | 3310046 | FARM MUTUAL W.C. (THE) | Total Trihalomethanes | No known current funding | | | |
| Sacramento | 3400130 | GREGG WATER CO | Arsenic | Yes | Yes | | |
| Sacramento | 3400135 | KORTHS PIRATES LAIR | Arsenic | Yes | Yes | | |
| Sacramento | 3400138 | LOCKE WATER WORKS CO [SWS] | Arsenic | Yes | Yes | | |
| Sacramento | 3400164 | VIEIRA S RESORT, INC | Arsenic | Yes | Yes | | |
| Sacramento | 3400332 | OXBOW MARINA | Arsenic | Yes | Yes | | |
| Sacramento | 3400433 | EDGEWATER MOBILE HOME PARK | Arsenic | Yes | Yes | | |
| Sacramento | 3410008 | ELK GROVE WATER SERVICE | Arsenic | | | | |
| Sacramento | 3410011 | GALT, CITY OF | Arsenic | Yes | Yes | | |
| San Benito | 3500526 | ARNOLD PARK (O BANNON S MHP) | Total Chromium, Nitrate | Yes | Yes | | |
| San Benito | 3500527 | VALENZUELA WATER SYSTEM | Nitrate | No known current funding | | | |
| San Benito | 3500810 | WHISPERING PINES INN | Arsenic | | | | Yes |
| San Bernardino | 3600012 | Apple Valley View MWC | Fluoride | No known current funding | | | |
| San Bernardino | 3600196 | CSA 70 W-4 | Arsenic | Yes | Yes | | |
| San Bernardino | 3600226 | CSA 70F, Morongo Valley | Uranium | Yes | Yes | | |
| San Bernardino | 3610001 | CITY OF ADELANTO | Arsenic | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------|-------------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| San Bernardino | 3610007 | BASELINE GARDENS MWC | Nitrate | Yes | Yes | | |
| San Bernardino | 3610051 | VALLEY OF ENCHANTMENT MWC | Gross alpha | Yes | Yes | | |
| San Bernardino | 3610064 | EAST VALLEY WATER DISTRICT | Gross alpha | Yes | Yes | | |
| San Bernardino | 3610112 | HELENDALE COMMUNITY SERVICE DISTRICT | Arsenic | Yes | Yes | | |
| San Bernardino | 3610705 | US ARMY FORT IRWIN | Arsenic | No known current funding | | | |
| San Bernardino | 3610854 | SEARLES VALLEY MINERALS OPERATIONS INC | Arsenic | No known current funding | | | |
| San Diego | 3700923 | LAKE MORENA OAK SHORES MW CO. | Nitrate, Nitrate + Nitrite, Uranium | Yes | Yes | | |
| San Diego | 3700924 | LAKE MORENA VIEWS MW CO. | Uranium | Yes | Yes | | |
| San Diego | 3700938 | YUIMA MUNICIPAL WATER DISTRICT IDA | Nitrate, Perchlorate | Yes | Yes | | |
| San Diego | 3700958 | LOS TULES MUTUAL WATER COMPANY | Gross alpha | | Yes | | |
| San Diego | 3710012 | RANCHO PAUMA MUTUAL WC | Nitrate | | | | Yes |
| San Joaquin | 3900579 | CENTURY MOBILE HOME PARK | Arsenic, Nitrate | Yes | Yes | | |
| San Joaquin | 3900649 | GLENWOOD MOBILE HOME PARK | Nitrate | | | | Yes |
| San Joaquin | 3900653 | ISLANDER MARINA | Gross alpha | No known current funding | | | |
| San Joaquin | 3900711 | SIDHU MOBILE PARK WATER SYSTEM | Arsenic | Yes | Yes | | |
| San Joaquin | 3900732 | V & P TRAILER COURT WATER SYSTEM | Arsenic | Yes | Yes | | |
| San Joaquin | 3901213 | AVALOS, SILVIA | Arsenic, Nitrate | Yes | Yes | | |
| San Joaquin | 3910005 | MANTECA, CITY OF | Arsenic | Yes | Yes | | |
| San Joaquin | 3910015 | CITY OF LATHROP | Arsenic | Yes | Yes | | |
| San Joaquin | 3910701 | DEFENSE DISTRIB. DEPOT, SHARPE SITE | Arsenic | No known current funding | | | |
| San Luis Obispo | 4010011 | MORRO BAY WATER DEPARTMENT | Nitrate | Yes | Yes | | |
| San Luis Obispo | 4010023 | GOLDEN STATE WATER COMPANY - EDNA | Selenium | Yes | Yes | | |
| San Mateo | 4110010 | MONTARA WATER AND SANITARY DIST | Nitrate | Yes | Yes | Yes | |
| Santa Barbara | 4200891 | BOBCAT SPRINGS M WC OS | Arsenic | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------|------------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Santa Barbara | 4210009 | CUYAMA COMMUNITY SERVICES DISTRICT | Arsenic | Yes | Yes | | |
| Santa Clara | 4300573 | GREEN ACRES MUTUAL WATER | Asbestos | Yes | Yes | | |
| Santa Clara | 4300630 | FOOTHILL MUTUAL WATER | Nitrate | Yes | Yes | | |
| Santa Clara | 4300943 | FARMERS LABOR EXCHANGE | Nitrate | Yes | Yes | | |
| Santa Clara | 4300996 | VALLEY VIEW RANCHES | Nitrate | Yes | Yes | | |
| Santa Cruz | 4410016 | FOREST LAKES MWC | Arsenic | Yes | Yes | | |
| Shasta | 4510005 | CITY OF REDDING | Arsenic | Yes | Yes | | |
| Sierra | 4600019 | SIERRA CO. W.W.D #1 CALPINE | Arsenic | Yes | Yes | | |
| Sonoma | 4900568 | VALLEY FORD WATER ASSOCIATION | Nitrate | Yes | Yes | Yes | |
| Sonoma | 4900575 | LOCH HAVEN MUTUAL WATER COMPANY | Arsenic | Yes | Yes | | |
| Sonoma | 4900643 | MOUNT WESKE ESTATES MUTUAL WATER COMPANY | Arsenic | Yes | Yes | | |
| Sonoma | 4900676 | SEQUOIA GARDENS MOBILE HOME PARK | Arsenic | No known current funding | | | |
| Sonoma | 4900723 | SHAMROCK MOBILE HOME PARK | Arsenic | No known current funding | | | |
| Sonoma | 4900786 | RANCHO SANTA ROSA MHP | Arsenic | Yes | Yes | | |
| Sonoma | 4900845 | RANCHO DE SONOMA | Arsenic | Yes | Yes | | |
| Sonoma | 4900855 | WEST FIELD COMMUNITY | Arsenic | Yes | Yes | | |
| Sonoma | 4901195 | MOORLAND AVENUE APARTMENTS | Arsenic | | Yes | | |
| Sonoma | 4910011 | SEBASTOPOL, CITY OF | Arsenic | Yes | Yes | | |
| Stanislaus | 5000033 | COBLES CORNER | Arsenic | Yes | Yes | | |
| Stanislaus | 5000051 | MOBILE PLAZA PARK | Arsenic | No known current funding | | | |
| Stanislaus | 5000077 | CERES WEST MHP | Arsenic | No known current funding | | | |
| Stanislaus | 5000080 | COUNTRY WESTERN MOBILE HOME PARK | Arsenic | Yes | Yes | | |
| Stanislaus | 5000085 | GREEN RUN MOBILE ESTATES | Arsenic | Yes | Yes | | |
| Stanislaus | 5000086 | COUNTRYSIDE MOBILEHOME ESTATES - ADULT P | Arsenic | Yes | | | |
| Stanislaus | 5000218 | COUNTRY VILLA APTS | 1,2-Dibromo-3-chloropropane (DBCP) | Yes | Yes | | |
| Stanislaus | 5000316 | CURTIS INVESTMENTS | Arsenic | No known current funding | | | |
| Stanislaus | 5000389 | MONTEREY PARK TRACT COMMUNITY SERVICE DI | Arsenic | | | | Yes |
| Stanislaus | 5010008 | HUGHSON, CITY OF | Arsenic | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|-----------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Stanislaus | 5010009 | KEYES COMMUNITY SERVICES DIST. | Arsenic | Yes | Yes | | |
| Stanislaus | 5010010 | MODESTO, CITY OF | Nitrate | Yes | Yes | | |
| Stanislaus | 5010028 | CERES, CITY OF | Nitrate, Uranium | Yes | Yes | | |
| Stanislaus | 5010033 | CITY OF MODESTO, DE GRAYSON | Nitrate | Yes | Yes | | |
| Sutter | 5100107 | SUTTER CO. WWD#1 (ROBBINS) | Arsenic | Yes | Yes | | |
| Sutter | 5100109 | WILDWOOD MUTUAL WATER COMPANY | Arsenic, Nitrate | Yes | Yes | | |
| Sutter | 5101006 | COUNTRY VILLAGE SOUTH MHP | Nitrate | | Yes | | |
| Sutter | 5110001 | CITY OF LIVE OAK | Arsenic | Yes | Yes | | |
| Sutter | 5110003 | YUBA CITY GROUNDWATER-REGION 2-3 | Arsenic | | | | Yes |
| Tehama | 5201137 | MILLSTREAM MOBILE HOME PARK | Arsenic | Yes | Yes | | |
| Tehama | 5210003 | LOS MOLINOS COMM. SERVICES DIST. | Arsenic | Yes | Yes | | |
| Tulare | 5400523 | EL MONTE VILLAGE M H P | Nitrate | Yes | Yes | | |
| Tulare | 5400542 | DUCOR CSD | Nitrate | Yes | Yes | Yes | |
| Tulare | 5400544 | ALLENSWORTH C S D | Arsenic | Yes | Yes | | |
| Tulare | 5400550 | SEVILLE WATER CO | Nitrate | Yes | Yes | | |
| Tulare | 5400567 | TOOLEVILLE WATER COMPANY | Nitrate | Yes | Yes | | |
| Tulare | 5400616 | LEMON COVE WATER CO | Nitrate | Yes | Yes | | |
| Tulare | 5400629 | SEQUOIA RV RANCH | Arsenic | Yes | Yes | | |
| Tulare | 5400651 | BEVERLY GRAND MUTUAL WATER | Nitrate | Yes | Yes | | |
| Tulare | 5400660 | LAKE SUCCESS MOBILE LODGE | Nitrate | Yes | Yes | | |
| Tulare | 5400663 | FAIRWAYS TRACT MUTUAL | Nitrate | Yes | Yes | | |
| Tulare | 5400665 | DEL ORO RIVER ISLAND SERV TERR #1 | Nitrate, Uranium | Yes | Yes | | |
| Tulare | 5400670 | TRIPLE R MUTUAL WATER CO | Nitrate | Yes | Yes | | |
| Tulare | 5400735 | RODRIGUEZ LABOR CAMP | Nitrate | Yes | Yes | | |
| Tulare | 5400754 | SO KAWEAH MUTUAL WATER CO | Arsenic | Yes | Yes | | |
| Tulare | 5400792 | WOODVILLE FARM LABOR CENTER | Nitrate | Yes | Yes | | |
| Tulare | 5400805 | SOULTS MUTUAL WATER CO | Nitrate | Yes | Yes | | |
| Tulare | 5400966 | WESTLAKE VILLAGE M H P | Nitrate | Yes | Yes | | |
| Tulare | 5401003 | EAST OROSI CSD | Nitrate | Yes | Yes | | |
| Tulare | 5401038 | AKIN WATER CO | Nitrate | Yes | Yes | | |
| Tulare | 5402047 | GLEANINGS FOR THE HUNGRY | Nitrate | Yes | Yes | | |

| Table 6.5 Known Funding Sources for Identified Community Water Systems with MCL Violations (cont.) | | | | | | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------|------------------------------------|------------------------------------------|----------|----------|------------------------------------|
| County | Public Water System Number | Public Water System Name | Type of MCL Violation (2002-2010) | Funding Sources | | | |
| | | | | Safe Drinking Water State Revolving Fund | Prop. 84 | Prop. 50 | Rural California Water Association |
| Tulare | 5402048 | DEL ORO RIVER ISLAND SERV TERR #2 | Nitrate | Yes | Yes | | |
| Tulare | 5403043 | YETTEM WATER SYSTEM | Nitrate | | Yes | | |
| Tulare | 5403103 | TRACT 327 MUTUAL WATER CO | Gross alpha, uranium | Yes | Yes | | |
| Tulare | 5403110 | SIERRA MUTUAL WATER CO | Nitrate | No known current funding | | | |
| Tulare | 5410001 | CUTLER PUD | 1,2-Dibromo-3-chloropropane (DBCP) | Yes | Yes | | |
| Tulare | 5410003 | EXETER, CITY OF | 1,2-Dibromo-3-chloropropane (DBCP) | | | | Yes |
| Tulare | 5410009 | PIXLEY PUBLIC UTIL DIST | Arsenic | Yes | Yes | | |
| Tulare | 5410024 | RICHGROVE COMMUNITY SERVICES DISTRICT | Arsenic | Yes | Yes | | |
| Tulare | 5410033 | PRATT MUTUAL WATER CO | Arsenic | Yes | Yes | | |
| Tulare | 5410034 | PINE FLAT WATER COMPANY | Uranium | Yes | Yes | | |
| Tulare | 5410050 | ALPAUGH JOINT POWERS AUTHORITY | Arsenic | | Yes | | |
| Ventura | 5601122 | TICO MUTUAL WATER CO | Nitrate | Yes | Yes | | |
| Ventura | 5610035 | RIO MANOR MUTUAL WATER CO | Uranium | Yes | Yes | | |
| Yolo | 5700571 | MADISON SERVICE DIST | Nitrate | No known current funding | | | |
| Yolo | 5710011 | WILD WINGS GOLF COMMUNITY | Arsenic | Yes | Yes | | |

APPENDIX 7 – LIST OF REFERENCES

APPENDIX 1: LIST OF REFERENCES

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**APPENDIX 8 – LIST OF COMMUNITY WATER SYSTEMS THAT RELY
ON A CONTAMINATED GROUNDWATER SOURCE FOR DRINKING
WATER**

APPENDIX 8: List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

The following table lists groundwater sources (wells) used for the drinking water supply by community public water systems (community water systems), where a principal contaminant has been detected on two or more occasions, at a level greater than the Maximum Contaminant Level (MCL). The table lists all active raw and untreated groundwater sources used to supply drinking water to community (class “C”) water systems during the most recent California Department of Public Health (CDPH) compliance cycle (2002-2010). A well is considered active if it was being used to provide drinking water to a community water system at the time that this report was being drafted (October 2011),

8.1 DEFINITIONS AND DESCRIPTIONS OF COLUMN HEADINGS

County – Identifies the primary county served by a community water system. The data were provided by CDPH from their www.drinc.ca.gov website.

Primary City – Identifies the primary city or cities served by a community water system. Some systems serve more than one city. The data were generated through several methods. When community water system service area boundaries were available to CDPH, service area boundaries were mapped using Geographic Information System (GIS) software. The intersection of the community water system boundary and city boundaries (or “census designated place,” see below) was used by CDPH to identify the primary city served by a community water system. When community water system boundaries were not available to CDPH, the primary city was identified by the State Water Resources Control Board (State Water Board) through a map-based web search.

Some community water systems serve rural concentrations of people that are not legally incorporated and that lack separate municipal governments, but otherwise resemble incorporated places such as cities or towns. Such areas are referred to as “Census-designated places” by the United States Census Bureau. Census-designated places may not strictly reflect the local definition of where a community is located, but are the most accurate way of representing areas served by community water systems that deliver water to rural or unincorporated areas. Where community water system service area boundaries were shown to serve areas outside an incorporated area, the area served is referred to as a census designated place in the primary city column, and is denoted by the abbreviation “CDP” at the end of the identified city.

Public Water System Name – The name of the community water system that delivers water from the identified wells.

PWS (Public Water System) Number – The unique identification number assigned by CDPH to a community water system.

Source of PWS Supply – The primary source of a community water system’s drinking water supply. There are four identified categories:

- 100% GW: 100 percent of the drinking water source is from groundwater.
- >50% GW Mixed: The community water system relies on both surface water and groundwater sources for its public drinking water supply, but more than 50 percent of that supply is groundwater. The relative percentage of groundwater was determined by querying the system on publicly available internet databases including CDPH’s Drinking Water Watch website, part of drinc.ca.gov.
- Mixed <50% GW: The community water system relies on both surface water and groundwater sources for its public drinking water supply, but less than 50 percent of the supply comes from groundwater sources. The relative percentage of groundwater was determined by querying the system on publicly available internet databases including CDPH’s Drinking Water Watch website, part of drinc.ca.gov.
- Undetermined: The community water system relies on both surface water and groundwater sources for its public drinking water supply, but the relative contribution from groundwater could not be determined based upon the available resources.

Population Served – The population served by a specific community water system, as reported by that system to CDPH.

System Wells – The number of groundwater public drinking water supply sources operated by a community water system. (In nearly all cases, a groundwater source is a well.)

Wells with Princ. Cont. – The number of groundwater sources with a principal contaminant detection above the MCL in two or more sampling events during the most recent CDPH compliance cycle (2002-2010). The contaminants were detected in raw groundwater, prior to any blending or treatment, and do not represent the quality of water that is ultimately delivered to the public.

Well Number – The PWS Number, extended to identify the specific well(s) in a community water system. The number preceding the dash is the system number and the number after the dash indicates the specific well. Together, this makes up the CDPH “well number.”

Princ. Contaminant – Principal Contaminant; chemical detected on two or more sampling events during the most recent CDPH compliance cycle (2002-2010).

MCL – Maximum Contaminant Level

Most Recent Det. > MCL – The date of the most recent detection above the MCL for that source and principal contaminant.

Det. > MCL– The number of evaluated samples collected during the most recent CDPH compliance cycle (2002-2010) with a detection above the MCL.

Max Conc. – The maximum evaluated detection of the contaminant in the groundwater source during the most recent CDPH compliance cycle (2002-2010).

Avg. Conc. – The average evaluated detection of the contaminant in the groundwater source during the most recent CDPH compliance cycle (2002-2010).

Sampling Events– The number of samples collected and evaluated from the source during the most recent CDPH compliance cycle (2002-2010).

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|--------------|-----------------------|--------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| ALAMEDA | Livermore | CALIFORNIA WATER SERVICE - LIVERMORE | 110003 | Mixed <50%GW | 54496 | 12 | 5 | 0110003-009 | Nitrate (as NO3) | 45 | mg/L | 9/7/2010 | 147 | 56 | 45.8059519 | 147 |
| | | | | | | | | 0110003-012 | Nitrate (as NO3) | 45 | mg/L | 10/21/2008 | 2 | 56 | 53 | 2 |
| | | | | | | | | 0110003-013 | Nitrate (as NO3) | 45 | mg/L | 7/28/2010 | 132 | 62 | 47.5907143 | 130 |
| | | | | | | | | 0110003-008 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 80 | 36 | 8.39082353 | 78 |
| | | | | | | | | 0110003-010 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/18/2008 | 2 | 8.1 | 1.37682927 | 2 |
| AMADOR | Jackson | MELODY OAKS TRAILER PARK | 300011 | 100% GW | 40 | 1 | 1 | 0300011-001 | Gross alpha particle activity | 15 | pCi/L | 7/23/2010 | 3 | 30 | 12.46 | 10 |
| AMADOR | Plymouth | HOPE FOUNDATION/ MORIAH HEIGHTS | 300062 | 100% GW | 30 | 2 | 1 | 0300062-002 | Vinyl chloride | 0.5 | ug/L | 11/29/2006 | 2 | 9.1 | 1.43 | 8 |
| BUTTE | Chico | CAL-WATER SERVICE CO.-CHICO | 410002 | 100% GW | 100086 | 63 | 3 | 0410002-073 | Nitrate (as NO3) | 45 | mg/L | 7/7/2010 | 2 | 51.032 | 25.61 | 95 |
| | | | | | | | | 0410002-021 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2010 | 100 | 16.38 | 11.90 | 101 |
| | | | | | | | | 0410002-045 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 106 | 30.2 | 12.17 | 106 |
| BUTTE | Gridley | CITY OF GRIDLEY | 410004 | 100% GW | 6403 | 6 | 2 | 0410004-002 | Arsenic | 10 | ug/L | 12/14/2004 | 6 | 16.6 | 12.55 | 8 |
| | | | | | | | | 0410004-003 | Arsenic | 10 | ug/L | 7/17/2007 | 5 | 11.2 | 9.63 | 12 |
| BUTTE | Butte Valley CDP | FOOTHILL MOBILE HOME PARK | 400027 | 100% GW | 180 | 2 | 1 | 0400027-001 | Arsenic | 10 | ug/L | 4/15/2009 | 2 | 21 | 10.36 | 8 |
| BUTTE | Chico | HARMONY MOBILE HOME PARK | 400037 | 100% GW | 55 | 1 | 1 | 0400037-001 | Nitrate (as NO3) | 45 | mg/L | 7/3/2007 | 3 | 73 | 39.18 | 21 |
| BUTTE | Forest Ranch CDP | FOREST RANCH MUTUAL WATER SYS | 400004 | 100% GW | 92 | 2 | 1 | 0400004-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/22/2005 | 5 | 56 | 18.64 | 7 |
| BUTTE | Gridley | RANCHO VILLA MOBILE ACRES | 400058 | 100% GW | 32 | 1 | 1 | 0400058-001 | Arsenic | 10 | ug/L | 10/27/2010 | 10 | 12.2 | 10.38 | 12 |
| CALAVERAS | San Andreas | RITE OF PASSAGE/SIERRA RIDGE | 500091 | Mixed <50%GW | 150 | 4 | 2 | 0500091-001 | Gross alpha particle activity | 15 | pCi/L | 11/26/2003 | 4 | 16 | 7.99214286 | 4 |
| | | | | | | | | 0500091-002 | Gross alpha particle activity | 15 | pCi/L | 4/13/2010 | 3 | 46.81 | 16.1122222 | 3 |
| | | | | | | | | 0500091-002 | Uranium | 20 | pCi/L | 6/22/2009 | 2 | 23.72 | 9.21142857 | 2 |
| COLUSA | Grimes CDP | COLUSA CO. W.D. #1 - GRIMES | 600008 | 100% GW | 500 | 1 | 1 | 0600008-001 | Arsenic | 10 | ug/L | 10/11/2010 | 9 | 30.2 | 24.40 | 10 |
| COLUSA | Princeton CDP | PRINCETON WATER DISTRICT | 600013 | 100% GW | 356 | 2 | 1 | 0600013-001 | Arsenic | 10 | ug/L | 3/17/2010 | 8 | 70 | 16.69 | 11 |
| COLUSA | Walnut Ranch | DEL ORO WATER CO.- WALNUT RANCH | 600011 | 100% GW | 182 | 2 | 2 | 0600011-001 | Arsenic | 10 | ug/L | 11/24/2010 | 7 | 16 | 12.70 | 8 |
| | | | | | | | | 0600011-002 | Gross alpha particle activity | 15 | pCi/L | 12/13/2005 | 4 | 19.2 | 19.20 | 4 |
| CONTRA COSTA | Brentwood | CITY OF BRENTWOOD | 710004 | Mixed <50%GW | 45892 | 9 | 1 | 0710004-010 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 29 | 49 | 41.0347826 | 28 |
| CONTRA COSTA | Pittsburg | CITY OF PITTSBURG | 710008 | Mixed <50%GW | 62000 | 2 | 1 | 0710008-005 | Arsenic | 10 | ug/L | 7/7/2010 | 2 | 14 | 11.5 | 2 |
| CONTRA COSTA | Bethel Island CDP | SANDMOUND MUTUAL | 707556 | 100% GW | 160 | 2 | 1 | 0707556-002 | Arsenic | 10 | ug/L | 9/1/2009 | 2 | 15 | 9.50 | 4 |
| CONTRA COSTA | Bethel Island CDP | SANTIAGO ISLAND VILLAGE | 707574 | 100% GW | 422 | 1 | 1 | 0707574-001 | Fluoride | 2 | mg/L | 7/8/2010 | 2 | 8 | 2.68 | 4 |
| CONTRA COSTA | Brentwood | VILLA DE GUADALUPE | 706007 | 100% GW | 26 | 1 | 1 | 0706007-001 | Nitrate (as NO3) | 45 | mg/L | 2/3/2010 | 31 | 69 | 49.72 | 50 |
| CONTRA COSTA | Concord | DOUBLETREE RANCH WATER SYSTEM | 707615 | 100% GW | 49 | 2 | 2 | 0707615-001 | Arsenic | 10 | ug/L | 9/2/2010 | 16 | 42 | 27.56 | 16 |
| | | | | | | | | 0707615-002 | Arsenic | 10 | ug/L | 6/1/2009 | 9 | 23 | 19.00 | 9 |
| CONTRA COSTA | Oakley | DELTA MUTUAL WATER COMPANY | 707573 | 100% GW | 180 | 2 | 1 | 0707573-002 | Arsenic | 10 | ug/L | 8/18/2010 | 2 | 11 | 9.65 | 6 |
| EL DORADO | South Lake Tahoe | SOUTH LAHOE PUD - MAIN | 910002 | 100% GW | 60000 | 19 | 6 | 0910002-016 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/24/2010 | 37 | 3.4 | 1.70 | 38 |
| | | | | | | | | 0910002-028 | Arsenic | 10 | ug/L | 9/5/2007 | 6 | 14.9 | 9.32 | 20 |
| | | | | | | | | 0910002-050 | Arsenic | 10 | ug/L | 12/6/2006 | 14 | 17.9 | 9.69 | 27 |
| | | | | | | | | 0910002-054 | Arsenic | 10 | ug/L | 2/9/2010 | 31 | 18 | 12.16 | 43 |
| | | | | | | | | 0910002-006 | Gross alpha particle activity | 15 | pCi/L | 8/18/2010 | 7 | 25.03 | 16.34 | 11 |
| | | | | | | | | 0910002-007 | Gross alpha particle activity | 15 | pCi/L | 7/21/2010 | 2 | 15.73 | 11.20 | 12 |
| | | | | | | | | 0910002-050 | Gross alpha particle activity | 15 | pCi/L | 6/24/2009 | 3 | 21.18 | 13.08 | 12 |
| | | | | | | | | 0910002-054 | Gross alpha particle activity | 15 | pCi/L | 7/21/2010 | 4 | 18.83 | 13.18 | 11 |
| EL DORADO | Plymouth | GOLD BEACH PARK | 900102 | 100% GW | 100 | 1 | 1 | 0900102-004 | Arsenic | 10 | ug/L | 10/18/2010 | 8 | 20 | 14.52 | 9 |
| EL DORADO | South Lake Tahoe city | TAHOE KEYS WATER COMPANY | 910015 | 100% GW | 3004 | 4 | 2 | 0910015-002 | Gross alpha particle activity | 15 | pCi/L | 7/10/2007 | 2 | 23.6 | 16.63 | 4 |
| | | | | | | | | 0910015-003 | Gross alpha particle activity | 15 | pCi/L | 1/16/2007 | 2 | 25.4 | 17.53 | 4 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|--------|----------------------------------------------------------------------------------------------------------|--------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 0910015-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/17/2010 | 6 | 19 | 9.39 | 8 |
| FRESNO | Calwa CDP, Clovis city, Fort Washington CDP, Fresno city, Mayfair CDP, Old Fig Garden CDP, Sunnyside CDP | FRESNO, CITY OF | 1010007 | >50% GW Mixed | 457511 | 253 | 47 | 1010007-010 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/3/2010 | 94 | 0.52 | 0.35 | 95 |
| | | | | | | | | 1010007-035 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/5/2008 | 48 | 0.3 | 0.21 | 83 |
| | | | | | | | | 1010007-036 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/4/2010 | 103 | 0.36 | 0.27 | 104 |
| | | | | | | | | 1010007-090 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/8/2010 | 20 | 0.44 | 0.29 | 20 |
| | | | | | | | | 1010007-091 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/8/2010 | 85 | 3.3 | 1.14 | 85 |
| | | | | | | | | 1010007-093 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/2/2010 | 109 | 0.59 | 0.36 | 110 |
| | | | | | | | | 1010007-113 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/13/2009 | 14 | 0.3 | 0.25 | 15 |
| | | | | | | | | 1010007-130 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/3/2002 | 4 | 0.51 | 0.10 | 76 |
| | | | | | | | | 1010007-189 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/4/2003 | 27 | 0.31 | 0.20 | 68 |
| | | | | | | | | 1010007-219 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 2/5/2009 | 44 | 0.32 | 0.22 | 68 |
| | | | | | | | | 1010007-223 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/5/2003 | 2 | 0.24 | 0.11 | 65 |
| | | | | | | | | 1010007-236 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/18/2005 | 5 | 0.22 | 0.14 | 99 |
| | | | | | | | | 1010007-264 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/8/2008 | 6 | 0.23 | 0.13 | 100 |
| | | | | | | | | 1010007-293 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/5/2008 | 46 | 0.59 | 0.22 | 79 |
| | | | | | | | | 1010007-297 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/14/2006 | 2 | 0.23 | 0.14 | 72 |
| | | | | | | | | 1010007-310 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 5/9/2008 | 33 | 0.32 | 0.17 | 111 |
| | | | | | | | | 1010007-312 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 5/12/2008 | 52 | 0.28 | 0.20 | 117 |
| | | | | | | | | 1010007-319 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/4/2010 | 99 | 0.75 | 0.52 | 99 |
| | | | | | | | | 1010007-324 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/24/2008 | 12 | 0.25 | 0.15 | 71 |
| | | | | | | | | 1010007-325 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/7/2008 | 16 | 0.34 | 0.20 | 37 |
| | | | | | | | | 1010007-339 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/2/2010 | 95 | 0.63 | 0.32 | 97 |
| | | | | | | | | 1010007-340 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/8/2010 | 103 | 0.63 | 0.33 | 105 |
| | | | | | | | | 1010007-349 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/9/2010 | 75 | 0.94 | 0.39 | 76 |
| | | | | | | | | 1010007-359 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/13/2010 | 119 | 0.6 | 0.33 | 123 |
| | | | | | | | | 1010007-380 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/12/2008 | 47 | 0.68 | 0.32 | 59 |
| | | | | | | | | 1010007-392 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 12/3/2009 | 20 | 0.28 | 0.18 | 69 |
| | | | | | | | | 1010007-699 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/9/2010 | 11 | 0.72 | 0.53 | 11 |
| | | | | | | | | 1010007-064 | cis-1,2-Dichloroethylene | 6 | ug/L | 7/6/2005 | 2 | 6.4 | 3.14 | 60 |
| | | | | | | | | 1010007-091 | Ethylene dibromide (EDB) | 0.05 | ug/L | 11/8/2010 | 83 | 0.46 | 0.17 | 85 |
| | | | | | | | | 1010007-113 | Ethylene dibromide (EDB) | 0.05 | ug/L | 6/23/2010 | 15 | 0.24 | 0.15 | 15 |
| | | | | | | | | 1010007-312 | Ethylene dibromide (EDB) | 0.05 | ug/L | 11/8/2010 | 106 | 0.84 | 0.09 | 117 |
| | | | | | | | | 1010007-079 | Gross alpha particle activity | 15 | pCi/L | 1/4/2008 | 5 | 21.2 | 17.47 | 6 |
| | | | | | | | | 1010007-156 | Gross alpha particle activity | 15 | pCi/L | 3/16/2007 | 2 | 23.5 | 18.40 | 3 |
| | | | | | | | | 1010007-178 | Gross alpha particle activity | 15 | pCi/L | 5/25/2007 | 3 | 15.8 | 12.15 | 8 |
| | | | | | | | | 1010007-213 | Gross alpha particle activity | 15 | pCi/L | 5/24/2007 | 5 | 25.3 | 18.26 | 7 |
| | | | | | | | | 1010007-217 | Gross alpha particle activity | 15 | pCi/L | 9/18/2006 | 2 | 17.2 | 12.18 | 7 |
| | | | | | | | | 1010007-263 | Gross alpha particle activity | 15 | pCi/L | 6/1/2007 | 3 | 20.6 | 15.57 | 6 |
| | | | | | | | | 1010007-305 | Gross alpha particle activity | 15 | pCi/L | 6/12/2007 | 4 | 19.4 | 15.99 | 8 |
| | | | | | | | | 1010007-349 | Gross alpha particle activity | 15 | pCi/L | 1/14/2008 | 2 | 22 | 20.30 | 2 |
| | | | | | | | | 1010007-386 | Gross alpha particle activity | 15 | pCi/L | 5/22/2007 | 7 | 23.8 | 19.31 | 8 |
| | | | | | | | | 1010007-090 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 26 | 48 | 44.07 | 58 |
| | | | | | | | | 1010007-189 | Nitrate (as NO3) | 45 | mg/L | 8/7/2009 | 3 | 46 | 36.41 | 121 |
| | | | | | | | | 1010007-281 | Nitrate (as NO3) | 45 | mg/L | 8/15/2002 | 3 | 47 | 22.59 | 145 |
| | | | | | | | | 1010007-293 | Nitrate (as NO3) | 45 | mg/L | 4/16/2007 | 2 | 46 | 37.46 | 275 |
| | | | | | | | | 1010007-297 | Nitrate (as NO3) | 45 | mg/L | 10/20/2010 | 3 | 58 | 36.02 | 54 |
| | | | | | | | | 1010007-312 | Nitrate (as NO3) | 45 | mg/L | 8/27/2007 | 7 | 104 | 32.63 | 364 |
| | | | | | | | | 1010007-349 | Nitrate (as NO3) | 45 | mg/L | 11/18/2010 | 250 | 67 | 57.42 | 252 |
| | | | | | | | | 1010007-089 | Tetrachloroethylene (PCE) | 5 | ug/L | 3/2/2004 | 4 | 8.6 | 0.31 | 105 |
| | | | | | | | | 1010007-394 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 36 | 7 | 5.26 | 50 |
| | | | | | | | | 1010007-095 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 96 | 62 | 28.64 | 98 |
| | | | | | | | | 1010007-099 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 184 | 56 | 30.64 | 184 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|--------|---------------------------------|-----------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1010007-102 | Trichloroethylene (TCE) | 5 | ug/L | 7/7/2008 | 2 | 40 | 2.15 | 128 |
| | | | | | | | | 1010007-103 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 36 | 32 | 3.94 | 113 |
| | | | | | | | | 1010007-204 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 109 | 36 | 19.53 | 111 |
| | | | | | | | | 1010007-314 | Trichloroethylene (TCE) | 5 | ug/L | 6/3/2009 | 104 | 50 | 17.09 | 131 |
| FRESNO | City of Fowler | ALICE MANOR | 1000199 | 100% GW | 46 | 1 | 1 | 1000199-001 | Gross alpha particle activity | 15 | pCi/L | 11/15/2010 | 3 | 19.7 | 16.83 | 4 |
| FRESNO | Firebaugh city | FIREBAUGH CITY | 1010005 | 100% GW | 6500 | 7 | 4 | 1010005-007 | Arsenic | 10 | ug/L | 11/2/2010 | 35 | 76 | 51.00 | 36 |
| | | | | | | | | 1010005-009 | Arsenic | 10 | ug/L | 10/12/2010 | 22 | 40 | 26.05 | 22 |
| | | | | | | | | 1010005-010 | Arsenic | 10 | ug/L | 8/5/2008 | 2 | 52 | 6.83 | 34 |
| | | | | | | | | 1010005-017 | Arsenic | 10 | ug/L | 10/12/2010 | 3 | 24 | 7.17 | 19 |
| FRESNO | Fresno city | BAKMAN WATER COMPANY | 1010001 | 100% GW | 8751 | 11 | 2 | 1010001-009 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/21/2008 | 4 | 0.45 | 0.39 | 4 |
| | | | | | | | | 1010001-010 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/23/2005 | 4 | 0.34 | 0.16 | 9 |
| FRESNO | Kerman city | KERMAN, CITY OF | 1010018 | 100% GW | 13878 | 6 | 1 | 1010018-012 | Gross alpha particle activity | 15 | pCi/L | 3/26/2010 | 3 | 22.3 | 15.82 | 4 |
| FRESNO | Malaga CDP | MALAGA COUNTY WATER DISTRICT | 1010042 | 100% GW | 900 | 4 | 1 | 1010042-004 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/12/2003 | 2 | 0.24 | 0.03 | 35 |
| FRESNO | Parlier city | PARLIER, CITY OF | 1010025 | 100% GW | 12058 | 4 | 1 | 1010025-010 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 1/3/2008 | 2 | 0.3 | 0.16 | 18 |
| FRESNO | Reedley city | REEDLEY, CITY OF | 1010027 | 100% GW | 26227 | 8 | 1 | 1010027-011 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 5/10/2007 | 67 | 0.56 | 0.41 | 67 |
| FRESNO | Riverdale CDP | RIVERDALE PUBLIC UTILITY DISTRICT | 1010028 | 100% GW | 2416 | 2 | 2 | 1010028-004 | Arsenic | 10 | ug/L | 10/4/2010 | 20 | 68.6 | 37.77 | 20 |
| | | | | | | | | 1010028-005 | Arsenic | 10 | ug/L | 10/4/2010 | 22 | 46.2 | 38.00 | 22 |
| FRESNO | Sanger city | CITY OF SANGER | 1010029 | 100% GW | 25417 | 8 | 5 | 1010029-003 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/6/2010 | 55 | 0.43 | 0.27 | 60 |
| | | | | | | | | 1010029-009 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/29/2010 | 115 | 0.6 | 0.16 | 118 |
| | | | | | | | | 1010029-010 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 3/17/2009 | 68 | 0.63 | 0.15 | 101 |
| | | | | | | | | 1010029-015 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/22/2010 | 55 | 0.5 | 0.28 | 60 |
| | | | | | | | | 1010029-022 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/6/2010 | 16 | 0.71 | 0.56 | 16 |
| | | | | | | | | 1010029-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/17/2007 | 3 | 11 | 2.98 | 28 |
| | | | | | | | | 1010030-002 | Arsenic | 10 | ug/L | 6/8/2010 | 12 | 16 | 13.05 | 13 |
| FRESNO | Tranquillity CDP | TRANQUILLITY IRRIGATION DIST | 1010030 | 100% GW | 820 | 2 | 2 | 1010030-003 | Arsenic | 10 | ug/L | 9/16/2010 | 15 | 16.1 | 13.97 | 15 |
| | | | | | | | | 1000359-003 | Nitrate (as NO3) | 45 | mg/L | 3/3/2009 | 4 | 65 | 43.9083333 | 4 |
| FRESNO | Cantua Creek | FCSA #32/CANTUA CREEK | 1000359 | Mixed <50%GW | 230 | 1 | 1 | 1000359-003 | Nitrate (as NO3) | 45 | mg/L | 3/3/2009 | 4 | 65 | 43.9083333 | 4 |
| FRESNO | Clovis city, Tarpey Village CDP | CLOVIS, CITY OF | 1010003 | Undetermined | 98950 | 38 | 13 | 1010003-010 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/12/2008 | 31 | 0.34 | 0.18 | 66 |
| | | | | | | | | 1010003-013 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 12/10/2003 | 5 | 0.49 | 0.14 | 63 |
| | | | | | | | | 1010003-023 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/13/2010 | 37 | 0.77 | 0.49 | 37 |
| | | | | | | | | 1010003-029 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/25/2007 | 6 | 0.29 | 0.12 | 39 |
| | | | | | | | | 1010003-032 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/28/2004 | 6 | 0.3 | 0.12 | 86 |
| | | | | | | | | 1010003-034 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/2/2010 | 12 | 0.28 | 0.18 | 42 |
| | | | | | | | | 1010003-036 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 5/29/2003 | 4 | 0.36 | 0.14 | 80 |
| | | | | | | | | 1010003-037 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/15/2010 | 37 | 0.86 | 0.54 | 37 |
| | | | | | | | | 1010003-044 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 3/19/2007 | 21 | 0.3 | 0.18 | 49 |
| | | | | | | | | 1010003-048 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 12/11/2003 | 3 | 0.43 | 0.11 | 67 |
| | | | | | | | | 1010003-064 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/15/2010 | 33 | 2.7 | 0.79 | 33 |
| | | | | | | | | 1010003-068 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 2/11/2004 | 5 | 0.31 | 0.10 | 55 |
| FRESNO | Auberry CDP | MARY LOU MOBILE HOME PARK | 1000265 | 100% GW | 70 | 2 | 2 | 1000265-001 | Gross alpha particle activity | 15 | pCi/L | 11/19/2006 | 3 | 25 | 13.80 | 9 |
| | | | | | | | | 1000265-002 | Gross alpha particle activity | 15 | pCi/L | 12/2/2009 | 3 | 24 | 14.29 | 7 |
| | | | | | | | | 1000265-001 | Uranium | 30 | ug/L | 9/18/2007 | 7 | 33.8 | 22.24 | 5 |
| FRESNO | Bowles CDP | MANNING GARDENS CONVALESCENT | 1000324 | 100% GW | 59 | 1 | 1 | 1000324-001 | Gross alpha particle activity | 15 | pCi/L | 5/14/2008 | 2 | 20 | 14.48 | 5 |
| FRESNO | Caruthers CDP | CARUTHERS COMM SERV DIST | 1010039 | 100% GW | 2103 | 4 | 3 | 1010039-001 | Arsenic | 10 | ug/L | 10/11/2010 | 13 | 28 | 23.92 | 13 |
| | | | | | | | | 1010039-004 | Arsenic | 10 | ug/L | 10/11/2010 | 13 | 22 | 20.08 | 13 |
| | | | | | | | | 1010039-005 | Arsenic | 10 | ug/L | 10/11/2010 | 17 | 14.5 | 13.12 | 17 |
| FRESNO | City of Fresno | RAU DAIRY | 1009120 | 100% GW | 80 | 1 | 1 | 1009120-001 | Arsenic | 10 | ug/L | 4/30/2010 | 2 | 14 | 8.67 | 3 |
| FRESNO | City of Auberry | MEADOW LAKES CLUB | 1000056 | 100% GW | 85 | 2 | 1 | 1000056-004 | Gross alpha particle activity | 15 | pCi/L | 6/24/2009 | 9 | 67 | 23.56 | 12 |
| | | | | | | | | 1000056-004 | Uranium | 20 | pCi/L | 7/27/2010 | 8 | 64 | 23.74 | 14 |
| FRESNO | City of Auberry | PG&E HELMS SUPPORT FACILITY | 1000472 | 100% GW | 36 | 1 | 1 | 1000472-001 | Arsenic | 10 | ug/L | 7/7/2010 | 9 | 41 | 38.33 | 9 |
| FRESNO | City of Dunlap | KINGS CANYON MOBILE HOME PARK | 1000267 | 100% GW | 200 | 3 | 1 | 1000267-004 | Gross alpha particle activity | 15 | pCi/L | 12/7/2009 | 2 | 20 | 14.19 | 3 |
| FRESNO | City of Fresno | BAR 20 PARTNER | 1000079 | 100% GW | 60 | 1 | 1 | 1000079-022 | Arsenic | 10 | ug/L | 2/25/2010 | 2 | 14 | 11.07 | 3 |
| FRESNO | Auberry CDP | FCWWD #40/SHAVER SPRINGS | 1000042 | 100% GW | 172 | 2 | 2 | 1000042-016 | Arsenic | 10 | ug/L | 6/10/2010 | 3 | 52 | 13.70 | 11 |
| | | | | | | | | 1000042-002 | Gross alpha particle activity | 15 | pCi/L | 3/25/2010 | 11 | 197 | 39.20 | 13 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-----------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1000042-016 | Gross alpha particle activity | 15 | pCi/L | 6/23/2010 | 15 | 97.8 | 30.93 | 16 |
| | | | | | | | | 1000042-002 | Uranium | 20 | pCi/L | 12/30/2008 | 5 | 91.4 | 24.72 | 11 |
| | | | | | | | | 1000042-016 | Uranium | 20 | pCi/L | 6/10/2010 | 8 | 67.3 | 25.45 | 12 |
| FRESNO | City of Fresno | FCWWD #42/ALLUVIAL & FANCHER | 1000078 | 100% GW | 255 | 4 | 1 | 1000078-001 | Nitrate (as NO3) | 45 | mg/L | 4/8/2010 | 8 | 54 | 43.19 | 21 |
| FRESNO | City of Fresno | CAMDEN TRAILER PARK | 1000238 | 100% GW | 90 | 1 | 1 | 1000238-023 | Arsenic | 10 | ug/L | 7/12/2010 | 5 | 35 | 31.90 | 5 |
| FRESNO | City of Fresno | DOUBLE L MOBILE RANCH PARK | 1000248 | 100% GW | 80 | 1 | 1 | 1000248-001 | Gross alpha particle activity | 15 | pCi/L | 6/23/2010 | 3 | 24.5 | 21.83 | 3 |
| FRESNO | City of Fresno | SUNNYSIDE CONVALESCENT HOSP | 1000366 | 100% GW | 116 | 1 | 1 | 1000366-001 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 1/26/2004 | 2 | 0.4 | 0.19 | 6 |
| | | | | | | | | 1000366-001 | Nitrate (as NO3) | 45 | mg/L | 7/26/2010 | 2 | 50 | 31.11 | 9 |
| FRESNO | City of Hanford | LINDA VISTA FARMS | 1000445 | 100% GW | 61 | 1 | 1 | 1000445-001 | Gross alpha particle activity | 15 | pCi/L | 10/13/2010 | 8 | 38.2 | 26.08 | 9 |
| | | | | | | | | 1000445-001 | Uranium | 20 | pCi/L | 10/13/2010 | 5 | 30 | 21.51 | 9 |
| FRESNO | City of Kerman | MURRIETA/HERNANDEZ FARMS | 1000585 | 100% GW | 4 | 1 | 1 | 1000585-001 | Nitrate (as NO3) | 45 | mg/L | 12/7/2009 | 2 | 350 | 340.00 | 2 |
| FRESNO | City of Laton | ZONNEVELD DAIRY | 1000369 | 100% GW | 141 | 2 | 2 | 1000369-002 | Arsenic | 10 | ug/L | 9/22/2010 | 7 | 70 | 39.57 | 7 |
| | | | | | | | | 1000369-023 | Arsenic | 10 | ug/L | 10/20/2010 | 9 | 27 | 23.56 | 9 |
| | | | | | | | | 1000369-023 | Gross alpha particle activity | 15 | pCi/L | 11/10/2009 | 2 | 16.4 | 13.65 | 6 |
| FRESNO | Lanare CDP | LANARE COMMUNITY SERVICES DIST | 1000053 | 100% GW | 400 | 2 | 1 | 1000053-001 | Arsenic | 10 | ug/L | 10/21/2010 | 2 | 31.9 | 28.20 | 2 |
| FRESNO | Malaga CDP | MALAGA COUNTY WATER DISTRICT | 1010042 | 100% GW | 900 | 4 | 1 | 1010042-001 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/29/2010 | 4 | 0.4 | 0.32 | 4 |
| FRESNO | Undetermined | WATERTEK-METROPOLITAN | 1000057 | 100% GW | 60 | 1 | 1 | 1000057-001 | Gross alpha particle activity | 15 | pCi/L | 6/20/2005 | 2 | 15.6 | 11.80 | 7 |
| GLENN | City of Clovis | SHADY OAKS MOBILE HOME PARK | 2000828 | 100% GW | 40 | 2 | 2 | 2000828-001 | Gross alpha particle activity | 15 | pCi/L | 12/17/2008 | 2 | 337 | 123.20 | 3 |
| | | | | | | | | 2000828-002 | Gross alpha particle activity | 15 | pCi/L | 12/17/2008 | 2 | 470 | 409.00 | 2 |
| | | | | | | | | 2000828-001 | Uranium | 20 | pCi/L | 4/2/2010 | 2 | 224 | 63.12 | 5 |
| | | | | | | | | 2000828-002 | Uranium | 20 | pCi/L | 4/2/2010 | 4 | 354 | 238.00 | 4 |
| GLENN | City of Willows | WILLOW GLENN MOBILE H.P. | 1100237 | 100% GW | 150 | 2 | 1 | 1100237-001 | Nitrate (as NO3) | 45 | mg/L | 5/3/2010 | 6 | 48.3 | 36.31 | 36 |
| INYO | City of Death Valley | NPS - DVNM - COW CR/NEVARES | 1410503 | 100% GW | 125 | 1 | 1 | 1410503-002 | Fluoride | 2 | mg/L | 11/3/2010 | 15 | 3.3 | 3.05 | 15 |
| INYO | City of Death Valley | NPS - DEATH VALLEY, GRAPEVINE RS | 1410504 | 100% GW | 4 | 1 | 1 | 1410504-001 | Arsenic | 10 | ug/L | 6/9/2008 | 2 | 34 | 31.00 | 2 |
| INYO | City of Keeler | Keeler Community Service District | 1400036 | 100% GW | 180 | 1 | 1 | 1400036-001 | Arsenic | 10 | ug/L | 10/4/2010 | 7 | 102 | 74.00 | 7 |
| INYO | Dixon Lane-Meadow Creek CDP | Wilson Circle Mutual Water Company | 1400135 | 100% GW | 100 | 3 | 1 | 1400135-001 | Gross alpha particle activity | 15 | pCi/L | 10/15/2005 | 5 | 76.6 | 30.32 | 5 |
| | | | | | | | | 1400135-001 | Uranium | 20 | pCi/L | 10/15/2005 | 4 | 32.8 | 32.80 | 4 |
| INYO | Lone Pine CDP | Foothill Lone Pine Mobile Home Park, LLC | 1400037 | 100% GW | 100 | 1 | 1 | 1400037-001 | Arsenic | 10 | ug/L | 7/21/2010 | 26 | 120 | 53.63 | 27 |
| | | | | | | | | 1400037-001 | Gross alpha particle activity | 15 | pCi/L | 7/21/2010 | 15 | 41.4 | 24.22 | 18 |
| | | | | | | | | 1400037-001 | Uranium | 20 | pCi/L | 9/1/2009 | 11 | 36.1 | 24.33 | 18 |
| INYO | Mesa CDP | Control Gorge Power Plant | 1400155 | 100% GW | 36 | 1 | 1 | 1400155-001 | Arsenic | 10 | ug/L | 2/17/2009 | 6 | 41 | 31.74 | 6 |
| INYO | Round Valley CDP | Pine Creek Village | 1400006 | 100% GW | 350 | 2 | 1 | 1400006-002 | Gross alpha particle activity | 15 | pCi/L | 11/11/2010 | 10 | 31.2 | 19.59 | 13 |
| | | | | | | | | 1400006-002 | Uranium | 20 | pCi/L | 8/18/2009 | 5 | 32.1 | 17.86 | 13 |
| INYO | Wilkerson CDP | Sierra North Community Service District | 1400109 | 100% GW | 28 | 1 | 1 | 1400109-001 | Fluoride | 2 | mg/L | 3/18/2008 | 3 | 2.2 | 1.99 | 9 |
| KERN COUNTY | Arvin city | ARVIN COMMUNITY SERVICES DIST | 1510001 | 100% GW | 11847 | 6 | 5 | 1510001-001 | Arsenic | 10 | ug/L | 7/14/2010 | 30 | 53 | 27.71 | 30 |
| | | | | | | | | 1510001-005 | Arsenic | 10 | ug/L | 7/14/2010 | 21 | 56 | 29.53 | 22 |
| | | | | | | | | 1510001-006 | Arsenic | 10 | ug/L | 7/14/2010 | 12 | 32 | 20.25 | 12 |
| | | | | | | | | 1510001-009 | Arsenic | 10 | ug/L | 7/14/2010 | 17 | 53 | 23.45 | 19 |
| | | | | | | | | 1510001-010 | Arsenic | 10 | ug/L | 10/7/2009 | 14 | 29 | 18.57 | 13 |
| | | | | | | | | 1510001-009 | Benzene | 1 | ug/L | 8/20/2009 | 22 | 18 | 3.79 | 33 |
| | | | | | | | | 1510001-010 | Nitrate (as NO3) | 45 | mg/L | 10/7/2009 | 12 | 58 | 36.56 | 40 |
| | | | | | | | | 1510001-010 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/13/2002 | 3 | 5.7 | 3.32 | 28 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------------------------------|---------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| KERN COUNTY | Bakersfield city | CWS - NORTH GARDEN | 1510055 | 100% GW | | | 1 | 1510055-005 | Nitrate (as NO3) | 45 | mg/L | 9/20/2010 | 66 | 53 | 42.99 | 174 |
| KERN COUNTY | Bakersfield city, Greenacres CDP, Rosedale CDP | VAUGHN WC INC F | 1510029 | 100% GW | 28100 | 12 | 2 | 1510029-016 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/23/2010 | 98 | 1.53 | 0.61 | 103 |
| | | | | | | | | 1510029-009 | Arsenic | 10 | ug/L | 9/8/2009 | 8 | 13 | 9.03 | 21 |
| | | | | | | | | 1510029-009 | Ethylene dibromide (EDB) | 0.05 | ug/L | 2/13/2007 | 32 | 0.19 | 0.05 | 104 |
| | | | | | | | | 1510029-016 | Nitrate (as NO3) | 45 | mg/L | 1/3/2005 | 2 | 50.7 | 33.16 | 104 |
| KERN COUNTY | Bakersfield city, Greenfield CDP | GREENFIELD COUNTY WD | 1510024 | 100% GW | 6500 | 5 | 3 | 1510024-003 | Arsenic | 10 | ug/L | 2/3/2009 | 2 | 12 | 9.31 | 8 |
| | | | | | | | | 1510024-004 | Arsenic | 10 | ug/L | 5/17/2010 | 9 | 13 | 10.53 | 10 |
| | | | | | | | | 1510024-009 | Arsenic | 10 | ug/L | 7/26/2010 | 6 | 12 | 9.98 | 11 |
| | | | | | | | | 1510024-003 | Gross alpha particle activity | 15 | pCi/L | 8/7/2007 | 2 | 17.9 | 13.71 | 6 |
| KERN COUNTY | Bear Valley Springs CDP | BEAR VALLEY CSD F | 1510038 | 100% GW | 7534 | 23 | 3 | 1510038-033 | Gross alpha particle activity | 15 | pCi/L | 9/17/2007 | 5 | 28.4 | 17.13 | 7 |
| | | | | | | | | 1510038-034 | Gross alpha particle activity | 15 | pCi/L | 12/16/2009 | 3 | 35 | 11.47 | 9 |
| | | | | | | | | 1510038-040 | Nitrate (as NO3) | 45 | mg/L | 9/17/2007 | 5 | 62 | 39.17 | 19 |
| | | | | | | | | 1510026-004 | Arsenic | 10 | ug/L | 8/17/2010 | 8 | 20 | 12.94 | 11 |
| KERN COUNTY | Bodfish CDP | CWS - UPPER BODFISH WATER SYSTEM | 1510026 | 100% GW | 784 | 2 | 2 | 1510026-005 | Arsenic | 10 | ug/L | 8/17/2010 | 11 | 51.001 | 39.38 | 11 |
| | | | | | | | | 1510026-005 | Fluoride | 2 | mg/L | 8/4/2010 | 12 | 2.5 | 2.29 | 13 |
| | | | | | | | | 1510026-004 | Gross alpha particle activity | 15 | pCi/L | 8/17/2010 | 7 | 27 | 21.00 | 9 |
| | | | | | | | | 1510026-004 | Uranium | 20 | pCi/L | 11/16/2009 | 6 | 32.037 | 20.97 | 13 |
| KERN COUNTY | Bodfish CDP | CWS - LOWER BODFISH WATER SYSTEM | 1510056 | 100% GW | 1618 | 4 | 2 | 1510056-008 | Arsenic | 10 | ug/L | 10/13/2010 | 30 | 14.743 | 12.79 | 33 |
| | | | | | | | | 1510056-022 | Arsenic | 10 | ug/L | 10/13/2010 | 9 | 17.714 | 9.28 | 27 |
| KERN COUNTY | China Lake Acres CDP, Ridgecrest city | INDIAN WELLS VALLEY W.D. | 1510017 | 100% GW | 30000 | 10 | 4 | 1510017-014 | Arsenic | 10 | ug/L | 9/20/2005 | 7 | 20 | 12.60 | 8 |
| | | | | | | | | 1510017-015 | Arsenic | 10 | ug/L | 5/18/2010 | 6 | 13 | 9.74 | 18 |
| | | | | | | | | 1510017-017 | Arsenic | 10 | ug/L | 11/2/2010 | 20 | 25 | 14.94 | 20 |
| | | | | | | | | 1510017-036 | Arsenic | 10 | ug/L | 11/2/2010 | 42 | 46 | 26.31 | 42 |
| KERN COUNTY | City of Bakersfield | SOUTH KERN MUTUAL WATER COMPANY | 1500344 | 100% GW | 32 | 1 | 1 | 1500344-001 | Gross alpha particle activity | 15 | pCi/L | 3/6/2007 | 4 | 20.6 | 18.01 | 5 |
| | | | | | | | | 1500344-001 | Uranium | 20 | pCi/L | 7/11/2006 | 2 | 25.9 | 22.42 | 3 |
| KERN COUNTY | City of Bakersfield | SEVENTH STANDARD MUTUAL | 1500373 | 100% GW | 66 | 1 | 1 | 1500373-002 | Nitrate (as NO3) | 45 | mg/L | 4/23/2010 | 11 | 79 | 47.22 | 15 |
| KERN COUNTY | City of Bakersfield | ENOS LANE PUBLIC UTILITY DISTRICT | 1500544 | 100% GW | 270 | 2 | 2 | 1500544-002 | Arsenic | 10 | ug/L | 5/11/2010 | 3 | 16 | 10.45 | 6 |
| | | | | | | | | 1500544-001 | Nitrate (as NO3) | 45 | mg/L | 8/14/2007 | 3 | 55.4 | 27.26 | 18 |
| KERN COUNTY | City of Bakersfield | ROUND MOUNTAIN WATER COMPANY | 1500561 | 100% GW | 50 | 2 | 1 | 1500561-002 | Gross alpha particle activity | 15 | pCi/L | 10/26/2010 | 4 | 27.1 | 19.42 | 6 |
| | | | | | | | | 1500561-002 | Uranium | 20 | pCi/L | 10/26/2010 | 7 | 28.8 | 20.92 | 13 |
| KERN COUNTY | City of Bakersfield | SAN JOAQUIN ESTATES MUTUAL | 1500575 | 100% GW | 165 | 1 | 1 | 1500575-001 | Nitrate (as NO3) | 45 | mg/L | 8/17/2010 | 17 | 89 | 49.34 | 25 |
| KERN COUNTY | City of Bakersfield | OASIS PROPERTY OWNERS ASSOCIATION | 1500585 | 100% GW | 100 | 1 | 1 | 1500585-003 | Arsenic | 10 | ug/L | 7/21/2009 | 3 | 13 | 9.88 | 14 |
| KERN COUNTY | City of Bakersfield | SON SHINE PROPERTIES | 1500588 | 100% GW | 500 | 1 | 1 | 1500588-002 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/12/2010 | 13 | 1.2 | 0.67 | 14 |
| | | | | | | | | 1500588-002 | Nitrate (as NO3) | 45 | mg/L | 1/26/2010 | 4 | 62 | 30.94 | 35 |
| KERN COUNTY | City of Delano | KERN VALLEY STATE PRISON | 1510802 | 100% GW | 6546 | 2 | 2 | 1510802-001 | Arsenic | 10 | ug/L | 10/5/2010 | 15 | 23 | 15.08 | 17 |
| | | | | | | | | 1510802-002 | Arsenic | 10 | ug/L | 10/5/2010 | 18 | 24 | 20.83 | 18 |
| | | | | | | | | 1510802-001 | Nitrite (as N) | 1000 | mg/L | 10/5/2010 | 8 | 7600 | 1027.85 | 23 |
| | | | | | | | | 1510802-002 | Nitrite (as N) | 1000 | mg/L | 10/5/2010 | 17 | 1600 | 1081.72 | 24 |
| KERN COUNTY | City of Lost Hills | LOST HILLS UTILITY DISTRICT | 1510046 | 100% GW | 2772 | 2 | 2 | 1510046-002 | Arsenic | 10 | ug/L | 4/24/2007 | 12 | 48 | 16.68 | 26 |
| | | | | | | | | 1510046-003 | Arsenic | 10 | ug/L | 4/12/2010 | 22 | 51 | 29.89 | 23 |
| KERN COUNTY | City of Rosamond | WILLIAM FISHER MEMORIAL WATER COMPANY | 1500455 | 100% GW | 51 | 1 | 1 | 1500455-003 | Arsenic | 10 | ug/L | 11/9/2010 | 14 | 20 | 16.52 | 15 |
| KERN COUNTY | City of Taft | WEST KERN WATER DISTRICT | 1510022 | 100% GW | 16630 | 11 | 3 | 1510022-001 | Arsenic | 10 | ug/L | 10/6/2010 | 14 | 14 | 10.77 | 19 |
| | | | | | | | | 1510022-004 | Gross alpha particle activity | 15 | pCi/L | 9/30/2009 | 6 | 30.3 | 15.36 | 13 |
| | | | | | | | | 1510022-005 | Gross alpha particle activity | 15 | pCi/L | 5/13/2008 | 4 | 25.8 | 18.93 | 6 |
| | | | | | | | | 1510022-004 | Uranium | 20 | pCi/L | 12/9/2008 | 3 | 28.8 | 15.17 | 13 |
| | | | | | | | | 1510022-005 | Uranium | 20 | pCi/L | 4/20/2005 | 2 | 26 | 18.00 | 6 |
| KERN COUNTY | City of Tehachapi | WILSON ROAD WATER COMMUNITY | 1500494 | 100% GW | 72 | 1 | 1 | 1500494-001 | Nitrate (as NO3) | 45 | mg/L | 8/9/2010 | 5 | 58 | 33.10 | 12 |

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| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-------------------------------------|--------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| KERN COUNTY | City of Tehachapi | PINON HILL WATER COMPANY | 1500540 | 100% GW | 80 | 1 | 1 | 1500540-001 | Arsenic | 10 | ug/L | 11/9/2010 | 15 | 15 | 12.48 | 18 |
| KERN COUNTY | City of Tehachapi | FAIRVIEW WATER COMPANY, LLC | 1502670 | 100% GW | 100 | 2 | 1 | 1502670-001 | Perchlorate | 6 | ug/L | 5/7/2009 | 4 | 9.1 | 4.19 | 20 |
| KERN COUNTY | Delano city | DELANO, CITY OF | 1510005 | 100% GW | 53855 | 11 | 9 | 1510005-004 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/13/2010 | 6 | 0.28 | 0.15 | 32 |
| | | | | | | | | 1510005-004 | Arsenic | 10 | ug/L | 10/5/2010 | 17 | 19 | 13.72 | 18 |
| | | | | | | | | 1510005-012 | Arsenic | 10 | ug/L | 10/5/2010 | 23 | 25 | 18.78 | 23 |
| | | | | | | | | 1510005-016 | Arsenic | 10 | ug/L | 10/5/2010 | 20 | 25 | 15.96 | 23 |
| | | | | | | | | 1510005-017 | Arsenic | 10 | ug/L | 4/13/2010 | 8 | 25 | 10.10 | 23 |
| | | | | | | | | 1510005-018 | Arsenic | 10 | ug/L | 10/19/2010 | 19 | 37 | 21.15 | 20 |
| | | | | | | | | 1510005-019 | Arsenic | 10 | ug/L | 10/21/2010 | 30 | 56 | 27.77 | 30 |
| | | | | | | | | 1510005-020 | Arsenic | 10 | ug/L | 10/19/2010 | 40 | 54 | 33.80 | 40 |
| | | | | | | | | 1510005-021 | Arsenic | 10 | ug/L | 10/5/2010 | 23 | 33 | 23.70 | 23 |
| | | | | | | | | 1510005-031 | Arsenic | 10 | ug/L | 10/5/2010 | 24 | 28 | 19.13 | 24 |
| KERN COUNTY | Frazier Park CDP | FRAZIER PARK PUD | 1510007 | 100% GW | 2348 | 5 | 1 | 1510007-004 | Gross alpha particle activity | 15 | pCi/L | 2/1/2010 | 4 | 23.1 | 12.94 | 7 |
| KERN COUNTY | Fuller Acres CDP | FULLER ACRES MUTUAL WATER COMPANY | 1500296 | 100% GW | 640 | 2 | 1 | 1500296-002 | Arsenic | 10 | ug/L | 10/26/2005 | 2 | 13 | 8.64 | 5 |
| KERN COUNTY | Golden Hills CDP, Lake Isabella CDP | GOLDEN HILLS CSD | 1510045 | 100% GW | 7434 | 12 | 3 | 1510045-011 | Arsenic | 10 | ug/L | 11/2/2010 | 9 | 21 | 11.64 | 11 |
| | | | | | | | | 1510045-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/4/2010 | 2 | 6.2 | 4.93 | 6 |
| | | | | | | | | 1510045-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 3/18/2010 | 2 | 6.4 | 2.81 | 14 |
| KERN COUNTY | Inyokern CDP | CHINA LAKE NAVAL AIR WEAPONS STATION | 1510703 | 100% GW | 4500 | 14 | 1 | 1510703-018 | Arsenic | 10 | ug/L | 12/16/2009 | 2 | 12 | 11.50 | 2 |
| KERN COUNTY | Keene CDP | VALLEY VIEW ESTATES MUTUAL WATER CO | 1500569 | 100% GW | 82 | 5 | 1 | 1500569-004 | Nitrate (as NO3) | 45 | mg/L | 7/3/2008 | 15 | 106 | 45.65 | 37 |
| KERN COUNTY | Keene CDP, Tehachapi city | UNION PACIFIC RAILROAD COMPANY | 1500371 | 100% GW | 147 | 4 | 3 | 1500371-002 | Fluoride | 2 | mg/L | 4/27/2006 | 19 | 5.6 | 3.98 | 20 |
| | | | | | | | | 1500371-010 | Fluoride | 2 | mg/L | 10/20/2009 | 6 | 5.5 | 2.13 | 14 |
| | | | | | | | | 1500371-012 | Fluoride | 2 | mg/L | 12/17/2009 | 10 | 6.3 | 4.29 | 12 |
| KERN COUNTY | Lake Isabella CDP | CWS - LAKE LAND | 1510049 | 100% GW | 683 | 3 | 3 | 1510049-008 | Antimony | 6 | ug/L | 10/13/2010 | 23 | 22.3 | 17.06 | 23 |
| | | | | | | | | 1510049-008 | Arsenic | 10 | ug/L | 10/13/2010 | 15 | 18 | 14.47 | 15 |
| | | | | | | | | 1510049-003 | Fluoride | 2 | mg/L | 11/3/2010 | 26 | 3.47 | 3.31 | 26 |
| | | | | | | | | 1510049-004 | Fluoride | 2 | mg/L | 10/19/2010 | 29 | 6.9 | 4.20 | 29 |
| | | | | | | | | 1510049-008 | Fluoride | 2 | mg/L | 10/19/2010 | 29 | 6.6 | 6.18 | 29 |
| | | | | | | | | 1510049-003 | Gross alpha particle activity | 15 | pCi/L | 7/8/2009 | 4 | 19.4 | 14.70 | 9 |
| | | | | | | | | 1510049-004 | Gross alpha particle activity | 15 | pCi/L | 10/13/2010 | 17 | 32.7 | 18.88 | 24 |
| | | | | | | | | 1510049-008 | Gross alpha particle activity | 15 | pCi/L | 10/13/2010 | 23 | 52.7 | 34.91 | 23 |
| | | | | | | | | 1510049-003 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 68 | 220 | 80.68 | 67 |
| | | | | | | | | 1510049-004 | Uranium | 20 | pCi/L | 1/12/2010 | 20 | 30 | 22.61 | 24 |
| KERN COUNTY | Lamont CDP, Weedpatch CDP | LAMONT PUBLIC UTILITY DIST | 1510012 | 100% GW | 13296 | 7 | 2 | 1510012-006 | Arsenic | 10 | ug/L | 1/27/2010 | 7 | 50 | 12.47 | 18 |
| | | | | | | | | 1510012-010 | Arsenic | 10 | ug/L | 5/12/2008 | 3 | 11 | 9.49 | 15 |
| KERN COUNTY | Lebec CDP | KRISTA MUTUAL WATER COMPANY | 1500475 | 100% GW | 455 | 1 | 1 | 1500475-001 | Fluoride | 2 | mg/L | 7/1/2009 | 5 | 2.2 | 2.01 | 14 |
| KERN COUNTY | McFarland city | CITY OF MCFARLAND | 1510013 | 100% GW | 12138 | 3 | 1 | 1510013-011 | Arsenic | 10 | ug/L | 8/11/2009 | 7 | 16 | 12.88 | 8 |
| KERN COUNTY | Mountain Mesa CDP | MOUNTAIN MESA WC | 1510042 | 100% GW | 1126 | 3 | 2 | 1510042-001 | Arsenic | 10 | ug/L | 8/16/2010 | 24 | 20.912 | 14.78 | 25 |
| | | | | | | | | 1510042-002 | Arsenic | 10 | ug/L | 8/16/2010 | 20 | 13 | 10.11 | 33 |
| | | | | | | | | 1510042-001 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 31 | 55.135 | 40.95 | 71 |
| KERN COUNTY | North Edwards CDP | NORTH EDWARDS WD | 1510052 | 100% GW | 650 | 2 | 1 | 1510052-002 | Arsenic | 10 | ug/L | 9/15/2010 | 16 | 42 | 35.31 | 15 |
| | | | | | | | | 1510052-002 | Gross alpha particle activity | 15 | pCi/L | 5/25/2010 | 6 | 19 | 15.72 | 10 |
| KERN COUNTY | Rosamond CDP | ROSAMOND MOBILEHOME PARK | 1502232 | 100% GW | 50 | 1 | 1 | 1502232-001 | Gross alpha particle activity | 15 | pCi/L | 10/18/2010 | 14 | 42.6 | 28.07 | 16 |
| | | | | | | | | 1502232-001 | Uranium | 20 | pCi/L | 10/18/2010 | 15 | 33 | 29.73 | 15 |
| KERN COUNTY | Rosedale CDP | MAHER MUTUAL WATER COMPANY | 1500378 | 100% GW | 150 | 1 | 1 | 1500378-001 | Arsenic | 10 | ug/L | 9/21/2010 | 8 | 24 | 21.25 | 8 |
| KERN COUNTY | Rosedale CDP | BROCK MUTUAL WATER COMPANY | 1500409 | 100% GW | 500 | 2 | 1 | 1500409-002 | Nitrate (as NO3) | 45 | mg/L | 11/14/2008 | 2 | 63 | 28.16 | 22 |
| KERN COUNTY | Rosedale CDP | GOOSELAKE WATER COMPANY | 1500584 | 100% GW | 80 | 1 | 1 | 1500584-001 | Gross alpha particle activity | 15 | pCi/L | 10/16/2009 | 3 | 26.9 | 15.75 | 6 |
| | | | | | | | | 1500584-001 | Nitrate (as NO3) | 45 | mg/L | 12/19/2008 | 2 | 55 | 30.42 | 31 |
| KERN COUNTY | Stallion Springs CDP | STALLION SPRINGS CSD | 1510025 | 100% GW | 4500 | 7 | 1 | 1510025-016 | Nitrate (as NO3) | 45 | mg/L | 3/26/2007 | 5 | 62 | 26.28 | 130 |
| | | | | | | | | 1510025-016 | Perchlorate | 6 | ug/L | 5/20/2009 | 3 | 34 | 4.89 | 120 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| KERN COUNTY | Tehachapi city | TEHACHAPI, CITY OF | 1510020 | 100% GW | 7218 | 6 | 2 | 1510020-001 | Nitrate (as NO3) | 45 | mg/L | 3/17/2010 | 2 | 47 | 39.31 | 31 |
| | | | | | | | | 1510020-002 | Nitrate (as NO3) | 45 | mg/L | 11/29/2006 | 3 | 54 | 37.67 | 54 |
| KERN COUNTY | Southlake | Southlake | 1510039 | 100% GW | 2957 | 4 | 1 | 1510039-008 | Gross alpha particle activity | 15 | pCi/L | 3/37/2009 | 4 | 24 | 16.50 | 6 |
| KERN COUNTY | Wasco city | WASCO, CITY OF | 1510021 | 100% GW | 19448 | 8 | 3 | 1510021-007 | Nitrate (as NO3) | 45 | mg/L | 6/2/2010 | 4 | 62.8 | 39.99 | 41 |
| | | | | | | | | 1510021-008 | Nitrate (as NO3) | 45 | mg/L | 12/11/2007 | 6 | 56 | 30.90 | 42 |
| | | | | | | | | 1510021-009 | Nitrate (as NO3) | 45 | mg/L | 9/13/2005 | 10 | 58.8 | 26.49 | 100 |
| KERN COUNTY | Weldon CDP | RAINBIRD VALLEY MUTUAL WATER COMPANY | 1500393 | 100% GW | 188 | 1 | 1 | 1500393-001 | Gross alpha particle activity | 15 | pCi/L | 11/20/2008 | 2 | 49.8 | 47.25 | 2 |
| | | | | | | | | 1500393-001 | Uranium | 20 | pCi/L | 12/8/2009 | 6 | 60 | 45.67 | 6 |
| KERN COUNTY | Weldon CDP | TRADEWIND WATER ASSOC. | 1500406 | 100% GW | 500 | 2 | 2 | 1500406-002 | Gross alpha particle activity | 15 | pCi/L | 5/20/2008 | 4 | 18.7 | 15.54 | 5 |
| | | | | | | | | 1500406-003 | Gross alpha particle activity | 15 | pCi/L | 9/18/2008 | 4 | 21.5 | 19.10 | 4 |
| | | | | | | | | 1500406-002 | Uranium | 20 | pCi/L | 9/18/2008 | 2 | 26.8 | 21.60 | 3 |
| KERN COUNTY | Bakersfield city | BAKERSFIELD, CITY OF | 1510031 | 100% GW | 147999 | 59 | 5 | 1510031-038 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 1/7/2008 | 47 | 0.41 | 0.20 | 93 |
| | | | | | | | | 1510031-005 | Arsenic | 10 | ug/L | 10/6/2010 | 3 | 10.746 | 7.56 | 19 |
| | | | | | | | | 1510031-048 | Arsenic | 10 | ug/L | 10/14/2009 | 7 | 15 | 10.28 | 16 |
| | | | | | | | | 1510031-102 | Arsenic | 10 | ug/L | 10/6/2010 | 2 | 14.835 | 4.06 | 14 |
| | | | | | | | | 1510031-103 | Arsenic | 10 | ug/L | 12/5/2007 | 4 | 12.18 | 6.26 | 27 |
| KERN COUNTY | Boron CDP | BORON CSD | 1510002 | >50% GW Mixed | 2500 | 1 | 1 | 1510002-002 | Arsenic | 10 | ug/L | 10/6/2010 | 58 | 90 | 69.93 | 58 |
| KERN COUNTY | Edwards AFB CDP | EDWARDS AFB - MAIN BASE | 1510701 | >50% GW Mixed | 12733 | 8 | 6 | 1510701-010 | Arsenic | 10 | ug/L | 10/7/2008 | 10 | 18.2 | 10.10 | 26 |
| | | | | | | | | 1510701-011 | Arsenic | 10 | ug/L | 4/20/2005 | 4 | 22.2 | 9.26 | 19 |
| | | | | | | | | 1510701-013 | Arsenic | 10 | ug/L | 8/18/2010 | 10 | 13 | 9.90 | 22 |
| | | | | | | | | 1510701-014 | Arsenic | 10 | ug/L | 10/18/2010 | 15 | 13.7 | 10.11 | 28 |
| | | | | | | | | 1510701-015 | Arsenic | 10 | ug/L | 10/18/2010 | 10 | 16.9 | 10.48 | 21 |
| | | | | | | | | 1510701-017 | Arsenic | 10 | ug/L | 8/18/2010 | 19 | 21 | 12.69 | 21 |
| KERN COUNTY | Kernville CDP, Wofford Heights CDP | CAL WATER SERVICE CO-KERNVILLE SYSTEM | 1510033 | >50% GW Mixed | 5029 | 13 | 7 | 1510033-012 | Fluoride | 2 | mg/L | 7/16/2008 | 8 | 2.9 | 0.91 | 40 |
| | | | | | | | | 1510033-014 | Fluoride | 2 | mg/L | 10/19/2010 | 35 | 3.15 | 2.38 | 39 |
| | | | | | | | | 1510033-017 | Fluoride | 2 | mg/L | 7/27/2010 | 35 | 6.79 | 5.62 | 32 |
| | | | | | | | | 1510033-043 | Fluoride | 2 | mg/L | 8/3/2010 | 97 | 2.91 | 2.53 | 98 |
| | | | | | | | | 1510033-008 | Gross alpha particle activity | 15 | pCi/L | 1/13/2009 | 4 | 25 | 11.54 | 13 |
| | | | | | | | | 1510033-056 | Gross alpha particle activity | 15 | pCi/L | 6/20/2006 | 5 | 25.8 | 15.79 | 9 |
| | | | | | | | | 1510033-008 | Uranium | 20 | pCi/L | 7/27/2010 | 5 | 36.274 | 12.93 | 15 |
| | | | | | | | | 1510033-056 | Uranium | 20 | pCi/L | 10/14/2003 | 3 | 22.75 | 14.53 | 13 |
| KERN COUNTY | Wofford Heights CDP | CWS-SPLIT MOUNTAIN WATER SYSTEM | 1500407 | >50% GW Mixed | 501 | 2 | 1 | 1500407-007 | Arsenic | 10 | ug/L | 5/26/2004 | 2 | 27 | 7.49 | 12 |
| KERN COUNTY | Edwards | EDGEMONT ACRES MUTUAL WATER COMPANY | 1500290 | Mixed <50%GW | 400 | 2 | 2 | 1500290-001 | Arsenic | 10 | ug/L | 4/14/2009 | 4 | 220 | 190 | 4 |
| | | | | | | | | 1500290-003 | Arsenic | 10 | ug/L | 4/5/2010 | 3 | 260 | 243.333333 | 3 |
| KERN COUNTY | Mojave | MOJAVE PUD | 1510014 | Mixed <50%GW | 4000 | 5 | 2 | 1510014-004 | Arsenic | 10 | ug/L | 9/1/2010 | 13 | 18 | 15 | 13 |
| | | | | | | | | 1510014-015 | Arsenic | 10 | ug/L | 9/1/2010 | 13 | 15 | 11.18 | 13 |
| KERN COUNTY | Oildale | OILDALE MWC | 1510015 | Mixed <50%GW | 26000 | 6 | 2 | 1510015-009 | Gross alpha particle activity | 15 | pCi/L | 10/11/2010 | 8 | 25.4 | 14.7258333 | 8 |
| | | | | | | | | 1510015-010 | Gross alpha particle activity | 15 | pCi/L | 9/21/2009 | 2 | 24.2 | 12.305 | 2 |
| | | | | | | | | 1510015-010 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/24/2010 | 3 | 5.3 | 3.6375 | 3 |
| KERN COUNTY | Rosamond | ROSAMOND CSD | 1510018 | Mixed <50%GW | 11605 | 3 | 1 | 1510018-009 | Arsenic | 10 | ug/L | 8/24/2010 | 10 | 12 | 10.0565217 | 10 |
| KERN COUNTY | Desert Lake | DESERT LAKE COMM SERV DIST | 1510027 | Mixed <50%GW | 600 | 1 | 1 | 1510027-002 | Arsenic | 10 | ug/L | 9/15/2010 | 11 | 88 | 46.5454545 | 11 |
| | | | | | | | | 1510027-002 | Gross alpha particle activity | 15 | pCi/L | 5/25/2010 | 3 | 20.5 | 15.445 | 3 |
| KERN COUNTY | Bakersfield city | CWS - BAKERSFIELD | 1510003 | Undetermined | | | 3 | 1510003-100 | Arsenic | 10 | ug/L | 1/22/2007 | 2 | 12 | 6.29 | 31 |
| | | | | | | | | 1510003-103 | Arsenic | 10 | ug/L | 9/20/2010 | 31 | 19.19 | 12.70 | 41 |
| | | | | | | | | 1510003-114 | Trichloroethylene (TCE) | 5 | ug/L | 10/13/2010 | 28 | 9.8 | 4.28 | 75 |
| KERN COUNTY | Bakersfield city | EAST NILES CSD | 1510006 | Undetermined | 25500 | 7 | 5 | 1510006-005 | Arsenic | 10 | ug/L | 8/26/2009 | 11 | 45 | 24.55 | 11 |
| | | | | | | | | 1510006-006 | Arsenic | 10 | ug/L | 9/2/2010 | 10 | 11 | 9.78 | 21 |
| | | | | | | | | 1510006-010 | Arsenic | 10 | ug/L | 11/2/2010 | 21 | 47 | 31.43 | 21 |
| | | | | | | | | 1510006-024 | Arsenic | 10 | ug/L | 2/9/2010 | 3 | 13 | 7.20 | 21 |
| | | | | | | | | 1510006-029 | Arsenic | 10 | ug/L | 11/1/2010 | 45 | 78 | 23.44 | 49 |
| KERN COUNTY | Bakersfield | QUAIL VALLEY WATER DIST-WESTSIDE SYSTEM | 1503226 | 100% GW | 60 | 2 | 1 | 1503226-001 | Antimony | 6 | ug/L | 9/27/2010 | 13 | 13 | 9.95 | 13 |
| | | | | | | | | 1503226-001 | Fluoride | 2 | mg/L | 9/27/2010 | 12 | 29 | 7.85 | 13 |
| KERN COUNTY | Arvin city | ARVIN COMMUNITY SERVICES DIST | 1510001 | 100% GW | 11847 | 6 | 1 | 1510001-016 | Arsenic | 10 | ug/L | 7/14/2010 | 6 | 15 | 12.63 | 8 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| KERN COUNTY | Bakersfield | FOURTH STREET WATER SYSTEM | 1500449 | 100% GW | 25 | 2 | 2 | 1500449-001 | Arsenic | 10 | ug/L | 7/2/2010 | 6 | 18 | 14.50 | 6 |
| | | | | | | | | 1500449-002 | Arsenic | 10 | ug/L | 7/2/2010 | 12 | 23 | 14.33 | 12 |
| KERN COUNTY | Bakersfield city | CASA LOMA WATER CO, INC. | 1510004 | 100% GW | 600 | 3 | 1 | 1510004-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 3/11/2002 | 2 | 9.1 | 2.37 | 26 |
| KERN COUNTY | Bear Valley Springs CDP | BEAR VALLEY CSD F | 1510038 | 100% GW | 7534 | 23 | 2 | 1510038-031 | Gross alpha particle activity | 15 | pCi/L | 12/5/2007 | 6 | 30 | 18.99 | 8 |
| | | | | | | | | 1510038-004 | Nitrate (as NO3) | 45 | mg/L | 6/1/2007 | 2 | 50.9 | 31.13 | 24 |
| KERN COUNTY | City of Bakersfield | OLD RIVER MUTUAL WATER COMPANY | 1500096 | 100% GW | 60 | 1 | 1 | 1500096-001 | Gross alpha particle activity | 15 | pCi/L | 1/31/2008 | 2 | 19 | 17.40 | 2 |
| | | | | | | | | 1500096-001 | Uranium | 20 | pCi/L | 10/29/2010 | 9 | 52 | 29.12 | 9 |
| KERN COUNTY | City of Bakersfield | EL ADOBE POA, INC. | 1500493 | 100% GW | 200 | 2 | 2 | 1500493-001 | Arsenic | 10 | ug/L | 4/19/2010 | 3 | 21 | 9.13 | 10 |
| | | | | | | | | 1500493-002 | Arsenic | 10 | ug/L | 10/12/2010 | 11 | 24 | 20.40 | 12 |
| KERN COUNTY | City of Bakersfield | ROUND MOUNTAIN WATER COMPANY | 1500561 | 100% GW | 50 | 2 | 1 | 1500561-001 | Gross alpha particle activity | 15 | pCi/L | 10/26/2010 | 8 | 50.1 | 39.71 | 7 |
| | | | | | | | | 1500561-001 | Uranium | 20 | pCi/L | 10/26/2010 | 21 | 64.4 | 36.09 | 21 |
| KERN COUNTY | City of Bakersfield | WHEELER FARMS HEADQUARTERS | 1502017 | 100% GW | 25 | 1 | 1 | 1502017-001 | Nitrate (as NO3) | 45 | mg/L | 10/5/2010 | 35 | 160 | 122.19 | 36 |
| KERN COUNTY | City of Bakersfield | PANAMA ROAD PROPERTY OWNERS ASSOC | 1502465 | 100% GW | 50 | 1 | 1 | 1502465-002 | Arsenic | 10 | ug/L | 3/19/2008 | 4 | 13 | 9.54 | 14 |
| KERN COUNTY | City of Bakersfield | DEL SOL WATER CO-OP | 1502597 | 100% GW | 25 | 1 | 1 | 1502597-001 | Gross alpha particle activity | 15 | pCi/L | 12/6/2007 | 7 | 26.9 | 22.00 | 7 |
| | | | | | | | | 1502597-001 | Uranium | 20 | pCi/L | 6/8/2010 | 4 | 24.8 | 19.80 | 11 |
| KERN COUNTY | City of Bakersfield | GOSFORD ROAD WATER COMPANY | 1502622 | 100% GW | 52 | 2 | 1 | 1502622-001 | Arsenic | 10 | ug/L | 7/1/2010 | 10 | 14 | 12.16 | 11 |
| KERN COUNTY | City of Bakersfield | EAST WILSON ROAD WATER COMPANY | 1502699 | 100% GW | 35 | 1 | 1 | 1502699-001 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 25 | 120 | 69.80 | 25 |
| KERN COUNTY | City of Bakersfield | QUAIL VALLEY WATER DIST-EASTSIDE SYSTEM | 1502724 | 100% GW | 60 | 2 | 2 | 1502724-001 | Arsenic | 10 | ug/L | 9/27/2010 | 15 | 120 | 87.80 | 15 |
| | | | | | | | | 1502724-002 | Arsenic | 10 | ug/L | 9/27/2010 | 11 | 70 | 56.45 | 11 |
| KERN COUNTY | City of Frazier Park | PINON PINES MWC | 1510054 | 100% GW | 740 | 4 | 2 | 1510054-004 | Arsenic | 10 | ug/L | 11/1/2010 | 6 | 18 | 11.66 | 9 |
| | | | | | | | | 1510054-006 | Fluoride | 2 | mg/L | 6/18/2010 | 20 | 3.9 | 3.23 | 20 |
| KERN COUNTY | City of Randsburg | RAND COMMUNITIES CWD - RANDSBURG | 1510016 | 100% GW | 931 | 2 | 2 | 1510016-001 | Arsenic | 10 | ug/L | 10/4/2010 | 15 | 31 | 22.69 | 16 |
| | | | | | | | | 1510016-002 | Arsenic | 10 | ug/L | 10/4/2010 | 8 | 50 | 13.48 | 17 |
| KERN COUNTY | Inyokern CDP | CHINA LAKE NAVAL AIR WEAPONS STATION | 1510703 | 100% GW | 4500 | 14 | 1 | 1510703-009 | Arsenic | 10 | ug/L | 5/20/2009 | 3 | 40 | 31.33 | 3 |
| KERN COUNTY | Keene CDP | VALLEY VIEW ESTATES MUTUAL WATER CO | 1500569 | 100% GW | 82 | 5 | 1 | 1500569-001 | Nitrate (as NO3) | 45 | mg/L | 4/13/2009 | 2 | 57.6 | 21.11 | 30 |
| KERN COUNTY | Lake Isabella CDP | KRVWC - KERNVALE MUTUAL WATER CO | 1500364 | 100% GW | 26 | 1 | 1 | 1500364-001 | Arsenic | 10 | ug/L | 10/4/2010 | 11 | 32 | 23.75 | 11 |
| | | | | | | | | 1500364-001 | Gross alpha particle activity | 15 | pCi/L | 7/9/2008 | 3 | 32.1 | 31.60 | 3 |
| | | | | | | | | 1500364-001 | Uranium | 20 | pCi/L | 10/4/2010 | 12 | 37 | 30.91 | 13 |
| KERN COUNTY | Lake Isabella CDP | HUNGRY GULCH WATER SYSTEM | 1500436 | 100% GW | 37 | 2 | 2 | 1500436-001 | Arsenic | 10 | ug/L | 11/10/2010 | 32 | 130 | 83.25 | 31 |
| | | | | | | | | 1500436-002 | Arsenic | 10 | ug/L | 11/10/2010 | 29 | 190 | 79.21 | 29 |
| | | | | | | | | 1500436-002 | Gross alpha particle activity | 15 | pCi/L | 8/30/2007 | 4 | 23.33 | 10.08 | 9 |
| | | | | | | | | 1500521-001 | Arsenic | 10 | ug/L | 11/10/2010 | 19 | 26 | 16.54 | 20 |
| KERN COUNTY | Lake Isabella CDP | BOULDER CANYON WATER ASSOCIATION | 1500521 | 100% GW | 29 | 2 | 2 | 1500521-002 | Arsenic | 10 | ug/L | 11/10/2010 | 19 | 30 | 19.82 | 21 |
| | | | | | | | | 1500413-001 | Gross alpha particle activity | 15 | pCi/L | 3/31/2010 | 2 | 18.6 | 14.80 | 3 |
| KERN COUNTY | Lebec CDP | LEBEC COUNTY WATER DISTRICT | 1510051 | 100% GW | 830 | 3 | 3 | 1510051-003 | Fluoride | 2 | mg/L | 7/14/2010 | 7 | 2.3 | 2.12 | 9 |
| | | | | | | | | 1510051-001 | Gross alpha particle activity | 15 | pCi/L | 12/11/2007 | 2 | 16.4 | 11.63 | 5 |
| | | | | | | | | 1510051-003 | Gross alpha particle activity | 15 | pCi/L | 5/21/2008 | 4 | 21.8 | 16.89 | 5 |
| KERN COUNTY | McFarland city | CITY OF MCFARLAND | 1510013 | 100% GW | 12138 | 3 | 2 | 1510013-014 | Arsenic | 10 | ug/L | 9/1/2009 | 2 | 11 | 9.20 | 5 |
| KERN COUNTY | North Edwards CDP | AERIAL ACRES WATER SYSTEM | 1500405 | 100% GW | 120 | 2 | 2 | 1500405-001 | Arsenic | 10 | ug/L | 10/4/2010 | 13 | 27 | 23.69 | 13 |
| | | | | | | | | 1500405-002 | Arsenic | 10 | ug/L | 10/4/2010 | 13 | 44 | 31.23 | 13 |
| KERN COUNTY | North Edwards CDP | FOUNTAIN TRAILER PARK WATER | 1500461 | 100% GW | 68 | 1 | 1 | 1500461-001 | Arsenic | 10 | ug/L | 7/28/2010 | 8 | 230 | 101.88 | 8 |

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List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| KERN COUNTY | North Edwards CDP | NORTH EDWARDS WD | 1510052 | 100% GW | 650 | 2 | 1 | 1510052-001 | Arsenic | 10 | ug/L | 9/15/2010 | 16 | 39 | 33.38 | 16 |
| KERN COUNTY | Onyx CDP | CWS-ONYX WATER SYSTEM | 1510043 | 100% GW | 776 | 2 | 1 | 1510043-004 | Gross alpha particle activity | 15 | pCi/L | 1/28/2003 | 2 | 20.4 | 11.79 | 10 |
| | | | | | | | | 1510043-004 | Uranium | 20 | pCi/L | 4/8/2003 | 2 | 22.4 | 15.58 | 10 |
| KERN COUNTY | Pine Mountain Club CDP | MIL POTRERO MWC | 1510028 | 100% GW | 1800 | 7 | 1 | 1510028-007 | Arsenic | 10 | ug/L | 10/13/2010 | 4 | 28 | 15.80 | 6 |
| KERN COUNTY | Rosamond CDP | LANDS OF PROMISE MUTUAL WATER ASSOCIATIO | 1500424 | 100% GW | 190 | 4 | 4 | 1500424-003 | Arsenic | 10 | ug/L | 7/20/2010 | 11 | 20 | 15.68 | 11 |
| | | | | | | | | 1500424-004 | Arsenic | 10 | ug/L | 7/20/2010 | 16 | 20 | 15.94 | 16 |
| | | | | | | | | 1500424-005 | Arsenic | 10 | ug/L | 7/20/2010 | 14 | 18 | 13.15 | 15 |
| | | | | | | | | 1500424-006 | Arsenic | 10 | ug/L | 7/20/2010 | 15 | 18 | 15.00 | 15 |
| KERN COUNTY | Rosamond CDP | ROSE VILLA APARTMENTS | 1500426 | 100% GW | 100 | 1 | 1 | 1500426-001 | Arsenic | 10 | ug/L | 4/8/2010 | 4 | 12 | 10.03 | 12 |
| KERN COUNTY | Rosamond CDP | LUCKY 18 ON ROSAMOND, LLC | 1500571 | 100% GW | 73 | 2 | 2 | 1500571-001 | Arsenic | 10 | ug/L | 7/1/2010 | 10 | 24 | 19.70 | 10 |
| | | | | | | | | 1500571-002 | Arsenic | 10 | ug/L | 7/1/2010 | 6 | 33 | 16.97 | 10 |
| | | | | | | | | 1500571-002 | Gross alpha particle activity | 15 | pCi/L | 11/19/2007 | 2 | 19.7 | 13.22 | 4 |
| KERN COUNTY | Rosamond CDP | DESERT BREEZE MOBILE HOME ESTATES | 1502247 | 100% GW | 95 | 1 | 1 | 1502247-001 | Gross alpha particle activity | 15 | pCi/L | 8/19/2008 | 3 | 18.2 | 15.98 | 4 |
| KERN COUNTY | Rosamond CDP | FIRST MUTUAL WATER SYSTEM | 1502569 | 100% GW | 40 | 1 | 1 | 1502569-001 | Arsenic | 10 | ug/L | 11/9/2010 | 18 | 18 | 15.61 | 18 |
| KERN COUNTY | Rosedale CDP | NORD ROAD WATER ASSOCIATION | 1502383 | 100% GW | 39 | 1 | 1 | 1502383-001 | Arsenic | 10 | ug/L | 10/15/2010 | 12 | 17 | 15.25 | 12 |
| KERN COUNTY | Weldon CDP | LAKEVIEW RANCHOS MUTUAL WATER | 1500525 | 100% GW | 120 | 3 | 2 | 1500525-002 | Arsenic | 10 | ug/L | 11/10/2010 | 8 | 96 | 46.00 | 9 |
| | | | | | | | | 1500525-003 | Arsenic | 10 | ug/L | 11/10/2010 | 9 | 23 | 17.50 | 10 |
| | | | | | | | | 1500525-003 | Gross alpha particle activity | 15 | pCi/L | 1/27/2009 | 6 | 38.9 | 22.45 | 6 |
| KERN COUNTY | Wofford Heights CDP | R.S. MUTUAL WATER COMPANY | 1500458 | 100% GW | 25 | 1 | 1 | 1500458-001 | Arsenic | 10 | ug/L | 9/3/2010 | 12 | 16 | 11.61 | 16 |
| | | | | | | | | 1500458-001 | Gross alpha particle activity | 15 | pCi/L | 5/3/2010 | 7 | 41.1 | 27.91 | 8 |
| | | | | | | | | 1500458-001 | Uranium | 20 | pCi/L | 9/3/2010 | 24 | 38 | 25.39 | 26 |
| KINGS | City of Leemore | CHARDELLS | 1600293 | Undetermined | | | 1 | 1600293-001 | Arsenic | 10 | ug/L | 11/3/2008 | | | | |
| KINGS | Armona CDP | ARMONA COMMUNITY SERVICES DIST | 1610001 | 100% GW | 3239 | 2 | 2 | 1610001-001 | Arsenic | 10 | ug/L | 5/26/2010 | 6 | 76 | 11.79 | 16 |
| | | | | | | | | 1610001-007 | Arsenic | 10 | ug/L | 10/20/2010 | 11 | 114 | 22.50 | 19 |
| | | | | | | | | 1610001-001 | Gross alpha particle activity | 15 | pCi/L | 6/10/2009 | 3 | 18.5 | 12.52 | 11 |
| | | | | | | | | 1610001-007 | Gross alpha particle activity | 15 | pCi/L | 9/26/2007 | 3 | 23.7 | 11.84 | 12 |
| KINGS | Corcoran city | CORCORAN, CITY OF | 1610004 | 100% GW | 25893 | 9 | 10 | 1610004-015 | Aluminum | 1000 | ug/L | 3/19/2008 | 2 | 1700 | 1260.00 | 3 |
| | | | | | | | | 1610004-016 | Aluminum | 1000 | ug/L | 4/13/2009 | 3 | 1800 | 1245.00 | 4 |
| | | | | | | | | 1610004-001 | Arsenic | 10 | ug/L | 1/30/2008 | 16 | 32 | 17.12 | 25 |
| | | | | | | | | 1610004-002 | Arsenic | 10 | ug/L | 10/11/2010 | 35 | 26 | 22.37 | 35 |
| | | | | | | | | 1610004-003 | Arsenic | 10 | ug/L | 10/11/2010 | 33 | 25 | 18.85 | 33 |
| | | | | | | | | 1610004-010 | Arsenic | 10 | ug/L | 4/13/2009 | 10 | 55 | 28.00 | 11 |
| | | | | | | | | 1610004-015 | Arsenic | 10 | ug/L | 10/11/2010 | 27 | 33 | 14.84 | 31 |
| | | | | | | | | 1610004-016 | Arsenic | 10 | ug/L | 10/11/2010 | 18 | 20 | 12.22 | 31 |
| | | | | | | | | 1610004-026 | Arsenic | 10 | ug/L | 10/11/2010 | 17 | 24 | 19.12 | 17 |
| | | | | | | | | 1610004-027 | Arsenic | 10 | ug/L | 10/11/2010 | 17 | 24 | 16.59 | 17 |
| | | | | | | | | 1610004-028 | Arsenic | 10 | ug/L | 7/26/2010 | 16 | 28 | 25.94 | 16 |
| | | | | | | | | 1610004-001 | Nitrate (as NO3) | 45 | mg/L | 10/11/2010 | 28 | 88 | 35.30 | 76 |
| KINGS | Home Garden CDP | HOME GARDEN CSD | 1610007 | 100% GW | 1750 | 3 | 1 | 1610007-002 | Arsenic | 10 | ug/L | 10/13/2010 | 35 | 53 | 22.92 | 37 |
| KINGS | Kettleman City CDP | KETTLEMAN CITY CSD | 1610009 | 100% GW | 1499 | 2 | 2 | 1610009-002 | Arsenic | 10 | ug/L | 7/1/2010 | 12 | 15.1 | 12.26 | 15 |
| | | | | | | | | 1610009-003 | Arsenic | 10 | ug/L | 7/1/2010 | 14 | 23.2 | 17.61 | 15 |
| | | | | | | | | 1610009-002 | Benzene | 1 | ug/L | 10/6/2010 | 30 | 160 | 64.24 | 33 |
| | | | | | | | | 1610009-003 | Benzene | 1 | ug/L | 10/6/2010 | 31 | 57 | 11.82 | 33 |
| KINGS | Lemoore city | LEMOORE, CITY OF | 1610005 | 100% GW | 24500 | 12 | 6 | 1610005-003 | Arsenic | 10 | ug/L | 11/9/2010 | 31 | 22 | 18.69 | 32 |
| | | | | | | | | 1610005-005 | Arsenic | 10 | ug/L | 11/9/2010 | 28 | 22 | 15.35 | 32 |
| | | | | | | | | 1610005-009 | Arsenic | 10 | ug/L | 11/9/2010 | 33 | 28 | 24.30 | 33 |
| | | | | | | | | 1610005-010 | Arsenic | 10 | ug/L | 3/28/2005 | 11 | 21 | 11.88 | 21 |
| | | | | | | | | 1610005-007 | Gross alpha particle activity | 15 | pCi/L | 7/11/2008 | 3 | 18.29 | 14.06 | 7 |
| | | | | | | | | 1610005-008 | Gross alpha particle activity | 15 | pCi/L | 11/19/2002 | 4 | 23.99 | 16.39 | 6 |
| KINGS | City of Hanford | LACEY COURTS MHP | 1600010 | 100% GW | 66 | 1 | 1 | 1600010-001 | Arsenic | 10 | ug/L | 10/12/2010 | 10 | 26 | 24.80 | 10 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-----------------------------------------------------------------------------------|-------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| KINGS | City of Hanford | EL DORADO MOBILE PARK | 1600002 | 100% GW | 300 | 1 | 1 | 1600002-002 | Gross alpha particle activity | 15 | pCi/L | 12/5/2007 | 2 | 36 | 21.25 | 4 |
| KINGS | City of Hanford | FOUR SEASONS MOBILE HOME PARK | 1600004 | 100% GW | 350 | 1 | 1 | 1600004-001 | Arsenic | 10 | ug/L | 7/13/2010 | 7 | 116 | 97.57 | 7 |
| KINGS | City of Lemoore | LEMOORE MOBILE HOME PARK | 1600031 | 100% GW | 180 | 1 | 1 | 1600031-001 | Gross alpha particle activity | 15 | pCi/L | 7/9/2010 | 2 | 23.9 | 15.51 | 7 |
| KINGS | City of Lemoore | HAMBLIN MUTUAL WATER CO | 1600504 | 100% GW | 80 | 1 | 1 | 1600504-001 | Arsenic | 10 | ug/L | 7/5/2007 | 5 | 50 | 37.30 | 5 |
| KINGS | Hanford city | HANFORD, CITY OF | 1610003 | 100% GW | 53320 | 16 | 7 | 1610003-025 | Arsenic | 10 | ug/L | 3/4/2008 | 38 | 17 | 11.30 | 55 |
| | | | | | | | | 1610003-026 | Arsenic | 10 | ug/L | 6/2/2004 | 24 | 21 | 11.25 | 51 |
| | | | | | | | | 1610003-027 | Arsenic | 10 | ug/L | 11/2/2006 | 32 | 45 | 14.68 | 54 |
| | | | | | | | | 1610003-028 | Arsenic | 10 | ug/L | 9/6/2007 | 52 | 35 | 20.27 | 58 |
| | | | | | | | | 1610003-031 | Arsenic | 10 | ug/L | 3/2/2004 | 6 | 56 | 9.21 | 50 |
| | | | | | | | | 1610003-033 | Arsenic | 10 | ug/L | 12/2/2002 | 2 | 69 | 8.83 | 50 |
| | | | | | | | | 1610003-034 | Arsenic | 10 | ug/L | 12/1/2006 | 44 | 78 | 26.30 | 51 |
| KINGS | Home Garden CDP | HOME GARDEN CSD | 1610007 | 100% GW | 1750 | 3 | 1 | 1610007-004 | Arsenic | 10 | ug/L | 8/9/2010 | 32 | 110 | 37.53 | 34 |
| LAKE | City of Lakeport | CORINTHIAN BAY MUTUAL WATER COMPANY | 1700549 | 100% GW | 125 | 2 | 1 | 1700549-001 | Nitrate (as NO3) | 45 | mg/L | 3/27/2003 | 2 | 48 | 15.14 | 7 |
| LAKE | City of Lower Lake | SUNRISE SHORE MUTUAL WATER COMPANY | 1700536 | 100% GW | 45 | 1 | 1 | 1700536-004 | Aluminum | 1000 | ug/L | 8/31/2010 | 3 | 1300 | 538.96 | 25 |
| LAKE | Upper Lake CDP | CAL 20 VILLAGE | 1700595 | 100% GW | 150 | 2 | 1 | 1700595-001 | Methyl tertiary butyl ether (MTBE) | 13 | ug/L | 11/10/2010 | 26 | 27 | 14.03 | 40 |
| LASSEN | Herlong CDP | SIERRA ARMY DEPOT-HERLONG | 1810700 | 100% GW | 1500 | 3 | 1 | 1810700-003 | Gross alpha particle activity | 15 | pCi/L | 1/13/2009 | 5 | 41.6 | 20.37 | 9 |
| | | | | | | | | 1810700-003 | Uranium | 20 | pCi/L | 11/29/2007 | 3 | 23.8 | 23.68 | 3 |
| LASSEN | Susanville city | HIGH DESERT STATE PRISON | 1805004 | 100% GW | 10950 | 7 | 4 | 1805004-003 | Arsenic | 10 | ug/L | 4/29/2008 | 5 | 15 | 8.85 | 17 |
| | | | | | | | | 1805004-004 | Arsenic | 10 | ug/L | 12/22/2008 | 18 | 39 | 28.56 | 18 |
| | | | | | | | | 1805004-005 | Arsenic | 10 | ug/L | 12/22/2008 | 17 | 19 | 16.53 | 17 |
| | | | | | | | | 1805004-009 | Arsenic | 10 | ug/L | 11/25/2008 | 3 | 17 | 8.22 | 10 |
| | | | | | | | | | | | | | | | | |
| LOS ANGELES | Altadena CDP, Pasadena city | KINNELOA IRRIGATION DIST. | 1910035 | 100% GW | 1500 | 7 | 6 | 1910035-002 | Fluoride | 2 | mg/L | 1/20/2010 | 53 | 2.8 | 2.18 | 72 |
| | | | | | | | | 1910035-003 | Fluoride | 2 | mg/L | 10/6/2009 | 8 | 2.5 | 1.85 | 77 |
| | | | | | | | | 1910035-005 | Fluoride | 2 | mg/L | 10/19/2010 | 77 | 3.36 | 2.56 | 76 |
| | | | | | | | | 1910035-007 | Fluoride | 2 | mg/L | 1/20/2010 | 26 | 2.93 | 2.16 | 36 |
| | | | | | | | | 1910035-008 | Fluoride | 2 | mg/L | 10/19/2010 | 71 | 4.32 | 3.03 | 72 |
| | | | | | | | | 1910035-015 | Fluoride | 2 | mg/L | 1/20/2010 | 32 | 2.56 | 1.95 | 73 |
| | | | | | | | | | | | | | | | | |
| LOS ANGELES | Anaheim city, Baldwin Park city, El Monte city, Industry city, North El Monte CDP | CALIFORNIA DOMESTIC WATER COMPANY | 1910199 | 100% GW | 1200 | 7 | 5 | 1910199-005 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 83 | 4.3 | 1.14 | 140 |
| | | | | | | | | 1910199-006 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 115 | 1.9 | 0.79 | 139 |
| | | | | | | | | 1910199-007 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 130 | 5.4 | 2.39 | 139 |
| | | | | | | | | 1910199-014 | Carbon tetrachloride | 0.5 | ug/L | 2/4/2008 | 97 | 4.2 | 1.87 | 98 |
| | | | | | | | | 1910199-005 | Nitrate (as NO3) | 45 | mg/L | 5/7/2007 | 8 | 48 | 33.98 | 142 |
| | | | | | | | | 1910199-005 | Perchlorate | 6 | ug/L | 12/6/2010 | 71 | 9.7 | 6.25 | 110 |
| | | | | | | | | 1910199-014 | Perchlorate | 6 | ug/L | 12/6/2010 | 80 | 13 | 9.19 | 80 |
| | | | | | | | | 1910199-005 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 42 | 19 | 4.47 | 140 |
| | | | | | | | | 1910199-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 60 | 14.6 | 4.53 | 139 |
| | | | | | | | | 1910199-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 85 | 19 | 8.14 | 140 |
| | | | | | | | | 1910199-008 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/2/2009 | 11 | 9.8 | 2.73 | 139 |
| | | | | | | | | 1910199-005 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 57 | 29 | 7.16 | 140 |
| | | | | | | | | 1910199-006 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 80 | 19 | 5.52 | 139 |
| | | | | | | | | 1910199-007 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 126 | 27 | 12.02 | 140 |
| | | | | | | | | 1910199-014 | Trichloroethylene (TCE) | 5 | ug/L | 2/4/2008 | 40 | 8.1 | 5.02 | 98 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| LOS ANGELES | Arcadia city, East Pasadena CDP, Pasadena city | EAST PASADENA WATER CO. | 1910020 | 100% GW | 9818 | 4 | 2 | 1910020-004 | Carbon tetrachloride | 0.5 | ug/L | 8/16/2004 | 7 | 0.97 | 0.22 | 93 |
| | | | | | | | | 1910020-003 | Gross alpha particle activity | 15 | pCi/L | 12/22/2009 | 6 | 25 | 16.54 | 11 |
| | | | | | | | | 1910020-004 | Gross alpha particle activity | 15 | pCi/L | 3/23/2009 | 4 | 23 | 13.91 | 11 |
| | | | | | | | | 1910020-004 | Nitrate (as NO3) | 45 | mg/L | 12/22/2009 | 7 | 56 | 31.64 | 93 |
| | | | | | | | | 1910020-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 3/6/2002 | 2 | 7.1 | 3.05 | 102 |
| | | | | | | | | 1910020-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/16/2010 | 8 | 17 | 3.84 | 93 |
| | | | | | | | | 1910020-004 | Trichloroethylene (TCE) | 5 | ug/L | 8/16/2004 | 6 | 9 | 1.54 | 92 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| LOS ANGELES | Arcadia city, Sierra Madre city | SIERRA MADRE-CITY, WATER DEPT. | 1910148 | 100% GW | 10800 | 5 | 3 | 1910148-005 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/24/2010 | 2 | 5.2 | 1.96 | 82 |
| | | | | | | | | 1910148-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/17/2004 | 2 | 9.4 | 1.89 | 81 |
| | | | | | | | | 1910148-003 | Trichloroethylene (TCE) | 5 | ug/L | 12/10/2004 | 3 | 6.3 | 1.05 | 86 |
| | | | | | | | | 1910148-005 | Trichloroethylene (TCE) | 5 | ug/L | 1/11/2005 | 4 | 6.1 | 1.86 | 86 |
| | | | | | | | | 1910148-006 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2009 | 9 | 19 | 3.03 | 84 |
| LOS ANGELES | Artesia city, Cerritos city, Hawaiian Gardens city, Lakewood city, Los Alamitos city | GSWC - ARTESIA | 1910004 | 100% GW | 35376 | 5 | 3 | 1910004-010 | Arsenic | 10 | ug/L | 12/8/2010 | 104 | 22 | 15.88 | 105 |
| | | | | | | | | 1910004-014 | Arsenic | 10 | ug/L | 12/8/2010 | 99 | 30 | 21.32 | 100 |
| | | | | | | | | 1910004-031 | Arsenic | 10 | ug/L | 12/20/2010 | 134 | 35 | 20.35 | 134 |
| LOS ANGELES | Avocado Heights CDP, Baldwin Park city, El Monte city, Industry city, La Puente city, Montebello city, Rosemead city, South El Monte city, West Covina city, West Puente Valley CDP, West Whittier-Los Nietos CDP | SAN GABRIEL VALLEY WATER CO.-EL MONTE | 1910039 | 100% GW | 162074 | 35 | 18 | 1910039-018 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 12/1/2010 | 195 | 43 | 11.44 | 250 |
| | | | | | | | | 1910039-112 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 7/8/2010 | 5 | 7.1 | 4.18 | 73 |
| | | | | | | | | 1910039-023 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 8/5/2009 | 8 | 0.6 | 0.15 | 40 |
| | | | | | | | | 1910039-026 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/9/2010 | 31 | 3 | 1.04 | 36 |
| | | | | | | | | 1910039-027 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/9/2010 | 33 | 3.6 | 2.06 | 34 |
| | | | | | | | | 1910039-112 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/9/2010 | 66 | 1.5 | 0.88 | 73 |
| | | | | | | | | 1910039-114 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/9/2010 | 79 | 5.4 | 2.87 | 82 |
| | | | | | | | | 1910039-115 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/9/2010 | 47 | 4.6 | 0.82 | 76 |
| | | | | | | | | 1910039-023 | Carbon tetrachloride | 0.5 | ug/L | 5/7/2009 | 10 | 0.62 | 0.22 | 50 |
| | | | | | | | | 1910039-026 | Carbon tetrachloride | 0.5 | ug/L | 2/6/2006 | 11 | 1.2 | 0.33 | 36 |
| | | | | | | | | 1910039-027 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 35 | 8.6 | 5.45 | 34 |
| | | | | | | | | 1910039-069 | Carbon tetrachloride | 0.5 | ug/L | 11/1/2010 | 41 | 2.2 | 0.50 | 59 |
| | | | | | | | | 1910039-077 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 38 | 2.8 | 2.08 | 38 |
| | | | | | | | | 1910039-112 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 74 | 4.9 | 2.93 | 73 |
| | | | | | | | | 1910039-113 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 74 | 11 | 7.34 | 73 |
| | | | | | | | | 1910039-114 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 82 | 12 | 2.33 | 82 |
| | | | | | | | | 1910039-115 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 81 | 17 | 12.04 | 82 |
| | | | | | | | | 1910039-112 | cis-1,2-Dichloroethylene | 6 | ug/L | 7/8/2010 | 4 | 6.5 | 3.88 | 73 |
| | | | | | | | | 1910039-023 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 34 | 54 | 48.57 | 38 |
| | | | | | | | | 1910039-026 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 33 | 98 | 71.83 | 34 |
| | | | | | | | | 1910039-112 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 72 | 100 | 60.33 | 71 |
| | | | | | | | | 1910039-114 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 65 | 110 | 52.32 | 78 |
| | | | | | | | | 1910039-023 | Perchlorate | 6 | ug/L | 11/9/2010 | 38 | 15 | 10.37 | 39 |
| | | | | | | | | 1910039-026 | Perchlorate | 6 | ug/L | 11/9/2010 | 36 | 44.2 | 28.48 | 36 |
| | | | | | | | | 1910039-027 | Perchlorate | 6 | ug/L | 11/9/2010 | 33 | 88 | 58.30 | 33 |
| | | | | | | | | 1910039-077 | Perchlorate | 6 | ug/L | 11/9/2010 | 36 | 10 | 7.67 | 39 |
| | | | | | | | | 1910039-112 | Perchlorate | 6 | ug/L | 11/9/2010 | 74 | 40 | 31.16 | 74 |
| | | | | | | | | 1910039-113 | Perchlorate | 6 | ug/L | 11/9/2010 | 33 | 9.9 | 5.01 | 74 |
| | | | | | | | | 1910039-114 | Perchlorate | 6 | ug/L | 11/9/2010 | 78 | 83 | 58.83 | 81 |
| | | | | | | | | 1910039-115 | Perchlorate | 6 | ug/L | 11/9/2010 | 75 | 86 | 20.95 | 81 |
| | | | | | | | | 1910039-009 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/10/2010 | 246 | 340 | 81.44 | 238 |
| | | | | | | | | 1910039-010 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/10/2010 | 252 | 170 | 44.67 | 247 |
| | | | | | | | | 1910039-011 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/10/2010 | 289 | 78 | 44.58 | 280 |
| | | | | | | | | 1910039-012 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/7/2009 | 78 | 140 | 4.08 | 309 |
| | | | | | | | | 1910039-014 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/1/2008 | 4 | 7.6 | 1.72 | 129 |
| | | | | | | | | 1910039-018 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/1/2010 | 217 | 26 | 8.41 | 250 |
| | | | | | | | | 1910039-027 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 7 | 6.8 | 3.37 | 34 |
| | | | | | | | | 1910039-029 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/1/2010 | 114 | 35 | 8.32 | 129 |
| | | | | | | | | 1910039-036 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/17/2008 | 32 | 7 | 4.16 | 101 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-------------------------------------------------------------|-------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910039-112 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 74 | 33 | 20.34 | 73 |
| | | | | | | | | 1910039-113 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 37 | 7.9 | 4.43 | 73 |
| | | | | | | | | 1910039-114 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/2/2010 | 25 | 6.3 | 4.56 | 82 |
| | | | | | | | | 1910039-018 | Trichloroethylene (TCE) | 5 | ug/L | 12/1/2010 | 157 | 21 | 6.90 | 250 |
| | | | | | | | | 1910039-023 | Trichloroethylene (TCE) | 5 | ug/L | 5/7/2009 | 10 | 5.9 | 4.21 | 50 |
| | | | | | | | | 1910039-026 | Trichloroethylene (TCE) | 5 | ug/L | 5/6/2010 | 32 | 21 | 9.93 | 36 |
| | | | | | | | | 1910039-027 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 35 | 99 | 54.43 | 34 |
| | | | | | | | | 1910039-029 | Trichloroethylene (TCE) | 5 | ug/L | 9/2/2010 | 4 | 8.2 | 2.56 | 129 |
| | | | | | | | | 1910039-077 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 23 | 8.5 | 5.42 | 38 |
| | | | | | | | | 1910039-112 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 74 | 81 | 41.08 | 73 |
| | | | | | | | | 1910039-113 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 60 | 21 | 12.40 | 73 |
| | | | | | | | | 1910039-114 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 80 | 70 | 43.59 | 82 |
| | | | | | | | | 1910039-115 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 75 | 58 | 19.72 | 82 |
| LOS ANGELES | Avocado Heights CDP, Industry city | CITY OF INDUSTRY WATERWORKS SYSTEMS | 1910029 | 100% GW | 7000 | 5 | 1 | 1910029-007 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 8/10/2004 | 2 | 0.68 | 0.04 | 30 |
| | | | | | | | | 1910029-007 | Perchlorate | 6 | ug/L | 11/17/2009 | 10 | 10.6 | 6.26 | 25 |
| LOS ANGELES | Baldwin Park city, West Covina city, West Puente Valley CDP | LA PUENTE VALLEY CWD | 1910060 | 100% GW | 7500 | 8 | 3 | 1910060-002 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/1/2010 | 190 | 4.7 | 2.41 | 189 |
| | | | | | | | | 1910060-003 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 1/5/2009 | 198 | 3.9 | 1.34 | 214 |
| | | | | | | | | 1910060-023 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 9/27/2010 | 53 | 2.1 | 1.12 | 50 |
| | | | | | | | | 1910060-002 | Carbon tetrachloride | 0.5 | ug/L | 11/1/2010 | 191 | 8.5 | 4.47 | 189 |
| | | | | | | | | 1910060-003 | Carbon tetrachloride | 0.5 | ug/L | 1/5/2009 | 191 | 8.5 | 1.42 | 214 |
| | | | | | | | | 1910060-023 | Carbon tetrachloride | 0.5 | ug/L | 9/27/2010 | 53 | 2.2 | 1.17 | 50 |
| | | | | | | | | 1910060-002 | Perchlorate | 6 | ug/L | 11/1/2010 | 181 | 87 | 52.48 | 181 |
| | | | | | | | | 1910060-003 | Perchlorate | 6 | ug/L | 11/1/2010 | 211 | 74 | 36.15 | 209 |
| | | | | | | | | 1910060-023 | Perchlorate | 6 | ug/L | 9/27/2010 | 48 | 48 | 29.85 | 48 |
| | | | | | | | | 1910060-002 | Trichloroethylene (TCE) | 5 | ug/L | 11/1/2010 | 191 | 110 | 62.85 | 189 |
| | | | | | | | | 1910060-003 | Trichloroethylene (TCE) | 5 | ug/L | 11/1/2010 | 207 | 67 | 23.64 | 214 |
| | | | | | | | | 1910060-023 | Trichloroethylene (TCE) | 5 | ug/L | 9/27/2010 | 53 | 38 | 23.55 | 50 |
| LOS ANGELES | Castaic CDP | PARADISE RANCH MHP | 1910099 | 100% GW | 185 | 4 | 4 | 1910099-010 | Aluminum | 1000 | ug/L | 5/3/2007 | 4 | 16000 | 4293.33 | 6 |
| | | | | | | | | 1910099-009 | Fluoride | 2 | mg/L | 1/6/2010 | 15 | 7.2 | 2.50 | 31 |
| | | | | | | | | 1910099-010 | Fluoride | 2 | mg/L | 11/5/2008 | 3 | 2.7 | 1.08 | 32 |
| | | | | | | | | 1910099-011 | Fluoride | 2 | mg/L | 11/7/2007 | 2 | 6.4 | 1.10 | 31 |
| | | | | | | | | 1910099-019 | Fluoride | 2 | mg/L | 11/3/2010 | 15 | 5.5 | 2.92 | 19 |
| | | | | | | | | 1910099-010 | Gross alpha particle activity | 15 | pCi/L | 8/4/2010 | 3 | 19 | 13.02 | 7 |
| LOS ANGELES | City of Lancaster | LAND PROJECT MUTUAL WATER CO. | 1910246 | 100% GW | 1500 | 4 | 3 | 1910246-001 | Arsenic | 10 | ug/L | 3/30/2009 | 9 | 15 | 12.56 | 9 |
| | | | | | | | | 1910246-002 | Arsenic | 10 | ug/L | 8/23/2010 | 12 | 27 | 16.83 | 12 |
| | | | | | | | | 1910246-004 | Arsenic | 10 | ug/L | 8/23/2010 | 7 | 13 | 10.45 | 16 |
| LOS ANGELES | Downey city, Lynwood city, Paramount city, South Gate city | GSWC - HOLLYDALE | 1910195 | 100% GW | 5610 | 2 | 1 | 1910195-001 | Arsenic | 10 | ug/L | 2/5/2010 | 34 | 23 | 18.24 | 33 |
| LOS ANGELES | East Pasadena CDP, East San Gabriel CDP, Temple City city | SUNNY SLOPE WATER CO. | 1910157 | 100% GW | 30555 | 4 | 1 | 1910157-012 | Carbon tetrachloride | 0.5 | ug/L | 11/1/2010 | 84 | 1.3 | 0.52 | 124 |
| | | | | | | | | 1910157-012 | Nitrate (as NO3) | 45 | mg/L | 4/1/2002 | 4 | 51 | 36.49 | 130 |
| | | | | | | | | 1910157-012 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/2/2004 | 9 | 6.9 | 3.16 | 124 |
| LOS ANGELES | El Monte city, South El Monte city | EL MONTE-CITY, WATER DEPT. | 1910038 | 100% GW | 22722 | 7 | 3 | 1910038-008 | Carbon tetrachloride | 0.5 | ug/L | 10/5/2010 | 22 | 0.81 | 0.25 | 104 |
| | | | | | | | | 1910038-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/13/2010 | 45 | 11 | 4.43 | 143 |
| | | | | | | | | 1910038-008 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/12/2010 | 139 | 24 | 11.53 | 139 |
| | | | | | | | | 1910038-008 | Trichloroethylene (TCE) | 5 | ug/L | 10/12/2010 | 125 | 51 | 25.84 | 138 |
| LOS ANGELES | Green Valley CDP | GREEN VALLEY CWD | 1910244 | 100% GW | 1000 | 8 | 1 | 1910244-009 | Nitrate (as NO3) | 45 | mg/L | 3/14/2007 | 10 | 72 | 31.74 | 43 |
| LOS ANGELES | Lancaster city | LEISURE LAKE MOBILE ESTATES | 1910066 | 100% GW | 300 | 3 | 3 | 1910066-001 | Arsenic | 10 | ug/L | 6/30/2010 | 2 | 13 | 7.61 | 28 |
| | | | | | | | | 1910066-002 | Arsenic | 10 | ug/L | 9/16/2010 | 16 | 22 | 12.56 | 16 |
| | | | | | | | | 1910066-005 | Arsenic | 10 | ug/L | 9/16/2010 | 14 | 14 | 12.43 | 14 |
| | | | | | | | | 1910092-001 | Arsenic | 10 | ug/L | 11/3/2010 | 36 | 17 | 13.44 | 36 |
| | | | | | | | | 1910092-010 | Arsenic | 10 | ug/L | 11/2/2010 | 28 | 15 | 10.59 | 44 |
| | | | | | | | | 1910092-013 | Perchlorate | 6 | ug/L | 8/15/2005 | 15 | 10 | 2.70 | 119 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|----------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910092-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/3/2010 | 52 | 14 | 7.35 | 62 |
| | | | | | | | | 1910092-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/2/2010 | 104 | 64.1 | 23.84 | 103 |
| | | | | | | | | 1910092-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/3/2010 | 102 | 24 | 13.25 | 101 |
| | | | | | | | | 1910092-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/17/2010 | 233 | 43 | 25.74 | 226 |
| | | | | | | | | 1910092-010 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/30/2010 | 63 | 68 | 6.30 | 100 |
| | | | | | | | | 1910092-011 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/30/2010 | 111 | 22 | 10.33 | 115 |
| | | | | | | | | 1910092-013 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/30/2010 | 97 | 85 | 36.79 | 97 |
| | | | | | | | | 1910092-038 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/7/2010 | 65 | 128 | 83.44 | 65 |
| | | | | | | | | 1910092-006 | Trichloroethylene (TCE) | 5 | ug/L | 9/9/2008 | 39 | 6.3 | 3.87 | 226 |
| LOS ANGELES | Montebello city, Pico Rivera city | SOUTH MONTEBELLO IRRIGATION DIST. | 1910153 | 100% GW | 7880 | 4 | 1 | 1910153-003 | Arsenic | 10 | ug/L | 3/26/2009 | 7 | 17 | 5.27 | 95 |
| LOS ANGELES | Pico Rivera city | CENTRAL BASIN MWD | 1910253 | 100% GW | 0 | 2 | 1 | 1910253-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 1/12/2005 | 3 | 9.8 | 1.54 | 58 |
| LOS ANGELES | Pico Rivera city, Whittier city | PICO WD | 1910125 | 100% GW | 24000 | 6 | 1 | 1910125-011 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/28/2008 | 8 | 6.3 | 4.19 | 74 |
| LOS ANGELES | Pico Rivera city, Whittier city | WHITTIER-CITY, WATER DEPT. | 1910173 | 100% GW | 48000 | 10 | 5 | 1910173-010 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/17/2003 | 23 | 11 | 2.53 | 103 |
| | | | | | | | | 1910173-013 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/12/2010 | 64 | 11 | 5.60 | 98 |
| | | | | | | | | 1910173-023 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/7/2010 | 51 | 51 | 23.05 | 57 |
| | | | | | | | | 1910173-024 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/2/2008 | 21 | 12 | 3.71 | 56 |
| | | | | | | | | 1910173-025 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/2/2009 | 25 | 12 | 4.60 | 60 |
| LOS ANGELES | Rosemead city | AMARILLO MUTUAL WATER COMPANY | 1910002 | 100% GW | 3134 | 3 | 1 | 1910002-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/10/2002 | 2 | 5.7 | 3.49 | 39 |
| LOS ANGELES | Sun Village CDP | LITTLEROCK CREEK IRRIGATION DIST. | 1910064 | 100% GW | 2900 | 5 | 1 | 1910064-008 | Di(2-ethylhexyl)phthalate (DEHP) | 4 | ug/L | 6/1/2005 | 2 | 22 | 6.47 | 5 |
| LOS ANGELES | Alhambra city, Rosemead city, San Gabriel city, San Marino city | SAN GABRIEL COUNTY WD | 1910144 | 100% GW | 45000 | 5 | 2 | 1910144-005 | Nitrate (as NO3) | 45 | mg/L | 9/26/2003 | 9 | 51 | 33.91 | 323 |
| | | | | | | | | 1910144-007 | Nitrate (as NO3) | 45 | mg/L | 3/12/2003 | 4 | 51 | 22.48 | 386 |
| LOS ANGELES | Cerritos city, Lakewood city, Long Beach city | LAKEWOOD - CITY, WATER DEPT. | 1910239 | 100% GW | 79345 | 12 | 1 | 1910239-052 | Arsenic | 10 | ug/L | 8/24/2010 | 8 | 16.5 | 12.86 | 10 |
| LOS ANGELES | East Los Angeles CDP, Lynwood city, South Gate city | SOUTH GATE-CITY, WATER DEPT. | 1910152 | 100% GW | 98434 | 7 | 1 | 1910152-008 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/2/2010 | 86 | 12 | 7.51 | 88 |
| LOS ANGELES | El Monte city, Monrovia city, North El Monte CDP, Rosemead city, Temple City city | GSWC-SOUTH ARCADIA | 1910212 | 100% GW | 24730 | 7 | 3 | 1910212-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/12/2010 | 2 | 5.4 | 2.58 | 131 |
| | | | | | | | | 1910212-002 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 65 | 21 | 8.83 | 66 |
| | | | | | | | | 1910212-003 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 116 | 13 | 7.41 | 128 |
| | | | | | | | | 1910212-004 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 107 | 12 | 6.87 | 131 |
| LOS ANGELES | Hacienda Heights CDP, La Puente city, Valinda CDP, West Covina city, West Puente Valley CDP | SUBURBAN WATER SYSTEMS-SAN JOSE F | 1910205 | 100% GW | 134996 | 6 | 2 | 1910205-027 | Nitrate (as NO3) | 45 | mg/L | 11/8/2007 | 3 | 47 | 41.39 | 15 |
| | | | | | | | | 1910205-027 | Perchlorate | 6 | ug/L | 12/27/2007 | 11 | 12 | 8.95 | 13 |
| | | | | | | | | 1910205-045 | Perchlorate | 6 | ug/L | 11/22/2010 | 187 | 12 | 6.61 | 258 |
| | | | | | | | | 1910205-045 | Trichloroethylene (TCE) | 5 | ug/L | 11/10/2010 | 10 | 7.8 | 1.75 | 101 |
| | | | | | | | | 1910090-002 | Nitrate (as NO3) | 45 | mg/L | 11/3/2009 | 30 | 66 | 36.68 | 129 |
| LOS ANGELES | Monrovia city | MONROVIA-CITY, WATER DEPT. | 1910090 | 100% GW | 39147 | 5 | 3 | 1910090-003 | Nitrate (as NO3) | 45 | mg/L | 1/28/2003 | 2 | 56 | 19.19 | 144 |
| | | | | | | | | 1910090-002 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 115 | 16 | 6.78 | 153 |
| | | | | | | | | 1910090-003 | Trichloroethylene (TCE) | 5 | ug/L | 2/2/2010 | 17 | 12 | 2.96 | 169 |
| | | | | | | | | 1910090-008 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 51 | 19 | 4.33 | 160 |
| | | | | | | | | 1910248-001 | Nitrate (as NO3) | 45 | mg/L | 12/23/2004 | 3 | 45.9 | 33.56 | 99 |
| LOS ANGELES | Acton CDP | LOS ANGELES CO WW DIST 37-ACTON | 1910248 | >50% GW Mixed | 4317 | 3 | 1 | 1910248-001 | Nitrate (as NO3) | 45 | mg/L | 12/23/2004 | 3 | 45.9 | 33.56 | 99 |
| LOS ANGELES | Alhambra city, East Pasadena CDP, El Monte city, Pasadena city, Rosemead city, San Gabriel city, San Marino city, Temple City city | CAL/AM WATER COMPANY - SAN MARINO | 1910139 | >50% GW Mixed | 45000 | 12 | 2 | 1910139-006 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 111 | 54.445 | 43.98 | 214 |
| | | | | | | | | 1910139-007 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 142 | 69.6 | 35.74 | 254 |
| | | | | | | | | 1910139-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/1/2010 | 44 | 9.9 | 3.87 | 79 |
| LOS ANGELES | Alhambra city, Pasadena city, San Gabriel city, San Marino city | CITY OF ALHAMBRA | 1910001 | >50% GW Mixed | 92158 | 11 | 5 | 1910001-011 | cis-1,2-Dichloroethylene | 6 | ug/L | 12/1/2010 | 21 | 36 | 27.17 | 21 |
| | | | | | | | | 1910001-006 | Nitrate (as NO3) | 45 | mg/L | 11/15/2010 | 112 | 52 | 44.51 | 367 |
| | | | | | | | | 1910001-007 | Nitrate (as NO3) | 45 | mg/L | 1/18/2010 | 16 | 76 | 42.20 | 59 |
| | | | | | | | | 1910001-008 | Nitrate (as NO3) | 45 | mg/L | 10/19/2009 | 5 | 62 | 38.34 | 118 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-----------------------------------------------------------------------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910001-012 | Nitrate (as NO3) | 45 | mg/L | 11/8/2010 | 9 | 60 | 25.39 | 115 |
| | | | | | | | | 1910001-006 | Trichloroethylene (TCE) | 5 | ug/L | 6/22/2009 | 106 | 13 | 5.53 | 191 |
| | | | | | | | | 1910001-007 | Trichloroethylene (TCE) | 5 | ug/L | 12/1/2010 | 52 | 16 | 8.77 | 55 |
| | | | | | | | | 1910001-008 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2009 | 118 | 21 | 14.51 | 119 |
| | | | | | | | | 1910001-011 | Trichloroethylene (TCE) | 5 | ug/L | 12/1/2010 | 22 | 39 | 27.73 | 22 |
| LOS ANGELES | Alhambra city, San Gabriel city, San Marino city, South Pasadena city | CITY OF SOUTH PASADENA | 1910154 | >50% GW Mixed | 25824 | 4 | 2 | 1910154-002 | Carbon tetrachloride | 0.5 | ug/L | 4/6/2010 | 20 | 0.82 | 0.36 | 112 |
| | | | | | | | | 1910154-002 | Nitrate (as NO3) | 45 | mg/L | 11/8/2010 | 106 | 54.12 | 47.82 | 113 |
| | | | | | | | | 1910154-002 | Perchlorate | 6 | ug/L | 2/24/2009 | 2 | 6.4 | 4.36 | 50 |
| | | | | | | | | 1910154-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 51 | 11 | 5.08 | 112 |
| | | | | | | | | 1910154-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/5/2006 | 15 | 7.3 | 3.57 | 123 |
| LOS ANGELES | Altadena CDP | LAS FLORES WATER CO. | 1910061 | >50% GW Mixed | 4500 | 1 | 1 | 1910061-003 | Nitrate (as NO3) | 45 | mg/L | 12/26/2007 | 35 | 52 | 40.66 | 426 |
| | | | | | | | | 1910061-003 | Perchlorate | 6 | ug/L | 10/18/2010 | 168 | 15 | 5.74 | 420 |
| | | | | | | | | 1910061-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/7/2005 | 127 | 18 | 3.61 | 422 |
| LOS ANGELES | Arcadia city, East Pasadena CDP, Mayflower Village CDP, Monrovia city, Temple City city | CITY OF ARCADIA | 1910003 | >50% GW Mixed | 44818 | 14 | 5 | 1910003-008 | Nitrate (as NO3) | 45 | mg/L | 3/11/2010 | 3 | 46 | 25.28 | 54 |
| | | | | | | | | 1910003-009 | Nitrate (as NO3) | 45 | mg/L | 4/13/2010 | 8 | 53.2 | 34.96 | 41 |
| | | | | | | | | 1910003-018 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 69 | 57 | 42.57 | 111 |
| | | | | | | | | 1910003-011 | Tetrachloroethylene (PCE) | 5 | ug/L | 1/12/2010 | 12 | 7.4 | 3.76 | 97 |
| | | | | | | | | 1910003-013 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 90 | 18.5 | 7.65 | 109 |
| | | | | | | | | 1910003-018 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/12/2010 | 5 | 7.7 | 1.98 | 39 |
| | | | | | | | | 1910003-011 | Trichloroethylene (TCE) | 5 | ug/L | 9/16/2003 | 6 | 8.2 | 3.64 | 97 |
| | | | | | | | | 1910003-013 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 91 | 16.6 | 7.44 | 109 |
| LOS ANGELES | Azusa city, Vincent CDP, West Covina city | AZUSA LIGHT AND WATER | 1910007 | >50% GW Mixed | 108000 | 12 | 1 | 1910007-010 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 79 | 66 | 57.55 | 65 |
| | | | | | | | | 1910007-010 | Perchlorate | 6 | ug/L | 11/3/2010 | 53 | 12.6 | 9.30 | 46 |
| LOS ANGELES | Bell city, Bell Gardens city, Cudahy city, Maywood city, South Gate city | GSWC - BELL, BELL GARDENS | 1910011 | >50% GW Mixed | 24819 | 5 | 2 | 1910011-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 44 | 38 | 5.25 | 82 |
| | | | | | | | | 1910011-012 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/7/2010 | 34 | 25 | 7.00 | 64 |
| | | | | | | | | 1910011-012 | Trichloroethylene (TCE) | 5 | ug/L | 9/8/2010 | 26 | 14 | 5.11 | 64 |
| LOS ANGELES | Beverly Hills city, Culver City city, Los Angeles city | BEVERLY HILLS-CITY, WATER DEPT. | 1910156 | >50% GW Mixed | 44290 | 5 | 2 | 1910156-013 | Arsenic | 10 | ug/L | 11/2/2010 | 26 | 29.5 | 19.71 | 28 |
| | | | | | | | | 1910156-012 | Fluoride | 2 | mg/L | 12/17/2007 | 2 | 2.35 | 1.21 | 30 |
| LOS ANGELES | Carson city, Long Beach city, Torrance city | CALIFORNIA WATER SERVICE CO. - DOMINGUEZ | 1910033 | >50% GW Mixed | 143844 | 10 | 1 | 1910033-022 | Total Trihalomethanes | 80 | ug/L | 7/7/2009 | 2 | 91 | 10.55 | 65 |
| LOS ANGELES | Castaic CDP, Santa Clarita city | VALENCIA WATER CO. | 1910240 | >50% GW Mixed | 101000 | 22 | 1 | 1910240-005 | Perchlorate | 6 | ug/L | 4/12/2005 | 2 | 10 | 4.00 | 100 |
| LOS ANGELES | Claremont city, Glendale city, La Canada Flintridge city, Pomona city | POMONA - CITY, WATER DEPT. | 1910126 | >50% GW Mixed | 163408 | 33 | 24 | 1910126-003 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 9/7/2005 | 4 | 7.8 | 4.16 | 68 |
| | | | | | | | | 1910126-007 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/13/2010 | 64 | 49 | 33.83 | 64 |
| | | | | | | | | 1910126-014 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 8/4/2010 | 3 | 7.2 | 2.97 | 32 |
| | | | | | | | | 1910126-023 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/4/2010 | 16 | 9 | 5.42 | 40 |
| | | | | | | | | 1910126-040 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/3/2010 | 10 | 18 | 5.09 | 46 |
| | | | | | | | | 1910126-041 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/4/2010 | 3 | 24 | 11.36 | 5 |
| | | | | | | | | 1910126-050 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 12/1/2010 | 57 | 56.5 | 41.16 | 57 |
| | | | | | | | | 1910126-011 | Chromium, Total | 50 | ug/L | 5/14/2008 | 14 | 170 | 58.04 | 36 |
| | | | | | | | | 1910126-002 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 28 | 70 | 42.00 | 87 |
| | | | | | | | | 1910126-003 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 57 | 96 | 67.23 | 60 |
| | | | | | | | | 1910126-006 | Nitrate (as NO3) | 45 | mg/L | 6/9/2010 | 64 | 86 | 68.97 | 63 |
| | | | | | | | | 1910126-007 | Nitrate (as NO3) | 45 | mg/L | 10/13/2010 | 63 | 85.3 | 63.63 | 64 |
| | | | | | | | | 1910126-010 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 31 | 60 | 43.43 | 102 |
| | | | | | | | | 1910126-011 | Nitrate (as NO3) | 45 | mg/L | 5/14/2008 | 38 | 86 | 75.02 | 36 |
| | | | | | | | | 1910126-013 | Nitrate (as NO3) | 45 | mg/L | 4/4/2007 | 2 | 57.2 | 37.84 | 80 |
| | | | | | | | | 1910126-014 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 78 | 84 | 63.53 | 78 |
| | | | | | | | | 1910126-015 | Nitrate (as NO3) | 45 | mg/L | 5/28/2008 | 69 | 113 | 63.20 | 67 |
| | | | | | | | | 1910126-016 | Nitrate (as NO3) | 45 | mg/L | 6/10/2010 | 69 | 87 | 71.80 | 68 |
| | | | | | | | | 1910126-017 | Nitrate (as NO3) | 45 | mg/L | 6/4/2008 | 62 | 102 | 65.49 | 60 |
| | | | | | | | | 1910126-018 | Nitrate (as NO3) | 45 | mg/L | 5/26/2010 | 40 | 82 | 71.76 | 38 |
| | | | | | | | | 1910126-021 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 66 | 70 | 54.77 | 68 |
| | | | | | | | | 1910126-023 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 84 | 75 | 60.67 | 82 |
| | | | | | | | | 1910126-025 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 31 | 56 | 40.34 | 93 |
| | | | | | | | | 1910126-026 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 104 | 107.7 | 73.37 | 102 |
| | | | | | | | | 1910126-029 | Nitrate (as NO3) | 45 | mg/L | 11/7/2006 | 12 | 56 | 35.29 | 55 |
| | | | | | | | | 1910126-040 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 45 | 131 | 52.29 | 51 |

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List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|---------------------------------------------------------------------|--------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910126-041 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 5 | 59 | 54.40 | 5 |
| | | | | | | | | 1910126-049 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 39 | 73 | 46.01 | 88 |
| | | | | | | | | 1910126-050 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 59 | 77 | 54.72 | 59 |
| | | | | | | | | 1910126-051 | Nitrate (as NO3) | 45 | mg/L | 11/8/2010 | 71 | 92 | 51.36 | 84 |
| | | | | | | | | 1910126-052 | Nitrate (as NO3) | 45 | mg/L | 8/4/2010 | 96 | 82 | 65.60 | 94 |
| | | | | | | | | 1910126-069 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 24 | 70 | 53.89 | 27 |
| | | | | | | | | 1910126-002 | Perchlorate | 6 | ug/L | 12/1/2010 | 30 | 11 | 6.59 | 48 |
| | | | | | | | | 1910126-003 | Perchlorate | 6 | ug/L | 9/8/2010 | 32 | 11 | 8.60 | 33 |
| | | | | | | | | 1910126-006 | Perchlorate | 6 | ug/L | 6/9/2010 | 40 | 15 | 12.19 | 40 |
| | | | | | | | | 1910126-007 | Perchlorate | 6 | ug/L | 10/13/2010 | 63 | 13 | 10.37 | 63 |
| | | | | | | | | 1910126-010 | Perchlorate | 6 | ug/L | 12/1/2010 | 23 | 9.6 | 5.91 | 55 |
| | | | | | | | | 1910126-011 | Perchlorate | 6 | ug/L | 5/14/2008 | 34 | 15 | 12.55 | 34 |
| | | | | | | | | 1910126-014 | Perchlorate | 6 | ug/L | 9/8/2010 | 50 | 12 | 9.94 | 50 |
| | | | | | | | | 1910126-015 | Perchlorate | 6 | ug/L | 5/28/2008 | 32 | 15 | 10.84 | 32 |
| | | | | | | | | 1910126-016 | Perchlorate | 6 | ug/L | 6/10/2010 | 65 | 16 | 12.31 | 65 |
| | | | | | | | | 1910126-017 | Perchlorate | 6 | ug/L | 6/4/2008 | 34 | 17 | 12.67 | 34 |
| | | | | | | | | 1910126-018 | Perchlorate | 6 | ug/L | 5/26/2010 | 28 | 13 | 11.31 | 28 |
| | | | | | | | | 1910126-023 | Perchlorate | 6 | ug/L | 11/4/2010 | 43 | 12 | 8.94 | 44 |
| | | | | | | | | 1910126-025 | Perchlorate | 6 | ug/L | 11/4/2010 | 10 | 6.7 | 4.58 | 53 |
| | | | | | | | | 1910126-026 | Perchlorate | 6 | ug/L | 11/4/2010 | 47 | 12 | 8.61 | 51 |
| | | | | | | | | 1910126-040 | Perchlorate | 6 | ug/L | 11/3/2010 | 45 | 12 | 7.56 | 50 |
| | | | | | | | | 1910126-049 | Perchlorate | 6 | ug/L | 12/1/2010 | 37 | 13 | 8.56 | 47 |
| | | | | | | | | 1910126-050 | Perchlorate | 6 | ug/L | 12/1/2010 | 56 | 12 | 8.43 | 58 |
| | | | | | | | | 1910126-051 | Perchlorate | 6 | ug/L | 3/18/2008 | 2 | 12 | 3.28 | 42 |
| | | | | | | | | 1910126-052 | Perchlorate | 6 | ug/L | 8/4/2010 | 60 | 17 | 12.32 | 60 |
| | | | | | | | | 1910126-014 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/4/2010 | 50 | 13 | 5.92 | 75 |
| | | | | | | | | 1910126-018 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/9/2006 | 2 | 7.3 | 4.14 | 15 |
| | | | | | | | | 1910126-023 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/4/2010 | 79 | 19 | 11.09 | 79 |
| | | | | | | | | 1910126-025 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/4/2008 | 11 | 8.5 | 3.69 | 85 |
| | | | | | | | | 1910126-040 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/3/2010 | 50 | 20 | 9.06 | 50 |
| | | | | | | | | 1910126-006 | Trichloroethylene (TCE) | 5 | ug/L | 10/1/2008 | 5 | 21.5 | 4.60 | 27 |
| | | | | | | | | 1910126-007 | Trichloroethylene (TCE) | 5 | ug/L | 7/1/2008 | 19 | 7.8 | 4.59 | 64 |
| | | | | | | | | 1910126-011 | Trichloroethylene (TCE) | 5 | ug/L | 5/14/2008 | 33 | 45.55 | 12.85 | 36 |
| | | | | | | | | 1910126-014 | Trichloroethylene (TCE) | 5 | ug/L | 9/8/2010 | 39 | 15 | 5.95 | 75 |
| | | | | | | | | 1910126-015 | Trichloroethylene (TCE) | 5 | ug/L | 6/5/2007 | 5 | 11.1 | 4.52 | 14 |
| | | | | | | | | 1910126-016 | Trichloroethylene (TCE) | 5 | ug/L | 4/1/2009 | 2 | 9.9 | 2.99 | 18 |
| | | | | | | | | 1910126-017 | Trichloroethylene (TCE) | 5 | ug/L | 6/5/2007 | 6 | 9.3 | 3.90 | 17 |
| | | | | | | | | 1910126-018 | Trichloroethylene (TCE) | 5 | ug/L | 5/26/2010 | 14 | 17 | 10.34 | 15 |
| | | | | | | | | 1910126-023 | Trichloroethylene (TCE) | 5 | ug/L | 11/4/2010 | 16 | 6.9 | 4.41 | 79 |
| | | | | | | | | 1910126-025 | Trichloroethylene (TCE) | 5 | ug/L | 11/4/2010 | 70 | 13 | 5.83 | 85 |
| | | | | | | | | 1910126-026 | Trichloroethylene (TCE) | 5 | ug/L | 9/9/2010 | 2 | 12 | 2.62 | 42 |
| | | | | | | | | 1910126-049 | Trichloroethylene (TCE) | 5 | ug/L | 1/22/2007 | 2 | 9.7 | 2.09 | 39 |
| | | | | | | | | 1910126-050 | Trichloroethylene (TCE) | 5 | ug/L | 9/5/2007 | 19 | 7.5 | 4.54 | 57 |
| LOS ANGELES | Commerce city, East Los Angeles CDP, Montebello city | CALIFORNIA WATER SERVICE CO. - ELA F | 1910036 | >50% GW Mixed | 149139 | 12 | 3 | 1910036-025 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 7/8/2010 | 3 | 6.6 | 3.06 | 145 |
| | | | | | | | | 1910036-004 | Perchlorate | 6 | ug/L | 11/9/2009 | 164 | 19 | 7.23 | 256 |
| | | | | | | | | 1910036-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/10/2004 | 3 | 6.3 | 2.20 | 72 |
| | | | | | | | | 1910036-025 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 39 | 9.4 | 4.56 | 145 |
| | | | | | | | | 1910036-034 | Trichloroethylene (TCE) | 5 | ug/L | 5/4/2010 | 10 | 7.9 | 3.27 | 56 |
| LOS ANGELES | Cudahy city, Huntington Park city, South Gate city, Walnut Park CDP | HUNTINGTON PARK-CITY, WATER DEPT. | 1910049 | >50% GW Mixed | 18417 | 6 | 2 | 1910049-008 | Carbon tetrachloride | 0.5 | ug/L | 8/14/2009 | 145 | 5.4 | 1.07 | 160 |
| | | | | | | | | 1910049-008 | Nitrate (as NO3) | 45 | mg/L | 8/16/2010 | 3 | 59 | 30.26 | 43 |
| | | | | | | | | 1910049-006 | Trichloroethylene (TCE) | 5 | ug/L | 12/27/2007 | 5 | 9.5 | 1.45 | 150 |
| LOS ANGELES | Glendale city, La Crescenta-Montrose CDP, Los Angeles city | CRESCENTA VALLEY CWD | 1910028 | >50% GW Mixed | 38000 | 13 | 11 | 1910028-005 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 2/2/2010 | 2 | 0.57 | 0.16 | 10 |
| | | | | | | | | 1910028-005 | Methyl tertiary butyl ether (MTBE) | 13 | ug/L | 3/9/2010 | 9 | 65 | 4.74 | 104 |
| | | | | | | | | 1910028-007 | Methyl tertiary butyl ether (MTBE) | 13 | ug/L | 2/6/2007 | 21 | 50 | 8.47 | 97 |
| | | | | | | | | 1910028-002 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 90 | 62 | 49.63 | 102 |
| | | | | | | | | 1910028-005 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 104 | 73 | 60.39 | 104 |
| | | | | | | | | 1910028-006 | Nitrate (as NO3) | 45 | mg/L | 5/3/2010 | 31 | 58 | 41.71 | 94 |
| | | | | | | | | 1910028-007 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 102 | 62 | 50.04 | 105 |
| | | | | | | | | 1910028-008 | Nitrate (as NO3) | 45 | mg/L | 9/3/2009 | 2 | 53 | 39.27 | 101 |
| | | | | | | | | 1910028-009 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 75 | 59 | 48.99 | 89 |
| | | | | | | | | 1910028-010 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 108 | 63 | 54.27 | 105 |
| | | | | | | | | 1910028-011 | Nitrate (as NO3) | 45 | mg/L | 10/15/2010 | 58 | 63 | 47.33 | 103 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------------------------------------------------------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910028-012 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 96 | 66 | 55.83 | 98 |
| | | | | | | | | 1910028-013 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 63 | 60 | 46.17 | 100 |
| | | | | | | | | 1910028-024 | Nitrate (as NO3) | 45 | mg/L | 2/3/2009 | 19 | 51 | 40.74 | 91 |
| | | | | | | | | 1910028-013 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/17/2008 | 3 | 6.7 | 3.68 | 48 |
| LOS ANGELES | Lakewood city, Long Beach city | LONG BEACH-CITY, WATER DEPT. | 1910065 | >50% GW Mixed | 490882 | 30 | 3 | 1910065-057 | Arsenic | 10 | ug/L | 8/26/2010 | 3 | 26 | 22.33 | 3 |
| | | | | | | | | 1910065-058 | Arsenic | 10 | ug/L | 8/12/2010 | 3 | 16 | 14.67 | 3 |
| | | | | | | | | 1910065-059 | Arsenic | 10 | ug/L | 8/12/2010 | 7 | 14 | 13.00 | 7 |
| LOS ANGELES | Lancaster city, Quartz Hill CDP | PALM RANCH IRRIGATION DIST. | 1910103 | >50% GW Mixed | 5528 | 4 | 3 | 1910103-004 | Arsenic | 10 | ug/L | 11/16/2010 | 87 | 71 | 36.91 | 89 |
| | | | | | | | | 1910103-007 | Arsenic | 10 | ug/L | 11/16/2010 | 80 | 19 | 12.90 | 111 |
| | | | | | | | | 1910103-002 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 6 | 49 | 42.84 | 119 |
| LOS ANGELES | Leona Valley CDP | CALIFORNIA WATER SERVICE CO-LEONA VALLEY | 1910243 | >50% GW Mixed | 1216 | 3 | 1 | 1910243-006 | Aluminum | 1000 | ug/L | 5/3/2007 | 2 | 3900 | 135.31 | 44 |
| | | | | | | | | 1910243-006 | Fluoride | 2 | mg/L | 11/16/2010 | 36 | 3.86 | 2.33 | 41 |
| LOS ANGELES | Long Beach city | SIGNAL HILL - CITY, WATER DEPT. | 1910149 | >50% GW Mixed | 11229 | 3 | 1 | 1910149-006 | Arsenic | 10 | ug/L | 10/4/2010 | 39 | 24 | 15.41 | 39 |
| LOS ANGELES | Long Beach city, Paramount city, South Gate city | PARAMOUNT - CITY, WATER DEPT. | 1910105 | >50% GW Mixed | 58087 | 3 | 1 | 1910105-015 | Arsenic | 10 | ug/L | 10/19/2010 | 36 | 20 | 13.92 | 40 |
| LOS ANGELES | Los Angeles city, Pasadena city, Rosemead city, San Gabriel city, West Puente Valley CDP | GSWC-SOUTH SAN GABRIEL | 1910223 | >50% GW Mixed | 16266 | 3 | 1 | 1910223-004 | Perchlorate | 6 | ug/L | 11/21/2005 | 9 | 8.1 | 2.27 | 107 |
| | | | | | | | | 1910223-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 111 | 46 | 11.99 | 112 |
| | | | | | | | | 1910223-004 | Trichloroethylene (TCE) | 5 | ug/L | 7/19/2005 | 8 | 6.8 | 2.05 | 112 |
| LOS ANGELES | Los Angeles city, San Fernando city | SAN FERNANDO-CITY, WATER DEPT. | 1910143 | >50% GW Mixed | 23564 | 3 | 1 | 1910143-003 | Nitrate (as NO3) | 45 | mg/L | 10/6/2010 | 4 | 63 | 37.13 | 66 |
| LOS ANGELES | Pomona city | CALIF STATE POLYTECHNICAL UNIV - POMONA | 1910022 | >50% GW Mixed | 24500 | 1 | 1 | 1910022-005 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 65 | 60 | 49.93 | 82 |
| | | | | | | | | 1910022-005 | Perchlorate | 6 | ug/L | 3/2/2010 | 4 | 7.3 | 5.41 | 37 |
| LOS ANGELES | Santa Clarita city | NEWHALL CWD- PINETREE | 1910250 | >50% GW Mixed | 8818 | 3 | 1 | 1910250-001 | Gross alpha particle activity | 15 | pCi/L | 2/12/2009 | 2 | 20 | 9.53 | 7 |
| LOS ANGELES | West Covina city | VALENCIA HEIGHTS WATER CO. | 1910163 | >50% GW Mixed | 5500 | 5 | 4 | 1910163-001 | Gross alpha particle activity | 15 | pCi/L | 8/5/2009 | 22 | 33 | 17.07 | 36 |
| | | | | | | | | 1910163-002 | Gross alpha particle activity | 15 | pCi/L | 11/1/2006 | 16 | 29 | 16.82 | 25 |
| | | | | | | | | 1910163-005 | Gross alpha particle activity | 15 | pCi/L | 8/4/2010 | 2 | 23 | 9.55 | 39 |
| | | | | | | | | 1910163-010 | Gross alpha particle activity | 15 | pCi/L | 10/19/2006 | 2 | 18 | 8.73 | 40 |
| | | | | | | | | 1910163-010 | Nitrate (as NO3) | 45 | mg/L | 10/6/2010 | 32 | 84 | 41.77 | 117 |
| | | | | | | | | 1910163-010 | Perchlorate | 6 | ug/L | 10/11/2010 | 28 | 15 | 5.16 | 65 |
| | | | | | | | | 1910163-001 | Uranium | 20 | pCi/L | 8/5/2009 | 7 | 26 | 16.66 | 35 |
| | | | | | | | | 1910163-002 | Uranium | 20 | pCi/L | 1/17/2006 | 5 | 23.9 | 16.37 | 24 |
| | | | | | | | | | | | | | | | | |
| LOS ANGELES | Lancaster | WHITE FENCE FARMS MWC NO.3 | 1900523 | Mixed <50%GW | 567 | 2 | 1 | 1900523-002 | Nitrate (as NO3) | 45 | mg/L | 7/29/2010 | 4 | 58 | 33.2066667 | 4 |
| LOS ANGELES | Santa Clarita | SANTA CLARITA WATER DIVISION F | 1910017 | Mixed <50%GW | 111000 | 16 | 1 | 1910017-015 | Nitrate (as NO3) | 45 | mg/L | 2/13/2008 | 3 | 46.9 | 30.0905747 | 3 |
| LOS ANGELES | Claremont | GSWC - CLAREMONT | 1910024 | Mixed <50%GW | 37016 | 17 | 2 | 1910024-007 | Carbon tetrachloride | 0.5 | ug/L | 12/13/2005 | 12 | 0.73 | 0.30638298 | 12 |
| | | | | | | | | 1910024-017 | Nitrate (as NO3) | 45 | mg/L | 3/6/2003 | 7 | 47 | 35.34 | 7 |
| | | | | | | | | 1910024-007 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 92 | 26 | 15.2357895 | 92 |
| LOS ANGELES | Glendale | GLENDALE-CITY, WATER DEPT. | 1910043 | Mixed <50%GW | 207157 | 14 | 11 | 1910043-026 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 8/1/2006 | 20 | 14 | 3.99242424 | 20 |
| | | | | | | | | 1910043-027 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/9/2010 | 81 | 74 | 38.2592593 | 80 |
| | | | | | | | | 1910043-029 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/9/2010 | 54 | 17 | 7.30555556 | 53 |
| | | | | | | | | 1910043-030 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/9/2010 | 90 | 13 | 8.23940594 | 90 |
| | | | | | | | | 1910043-026 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 7/5/2005 | 2 | 0.6 | 0.37070707 | 2 |
| | | | | | | | | 1910043-027 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 11/9/2010 | 72 | 1.7 | 1.15679012 | 71 |
| | | | | | | | | 1910043-025 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 103 | 1.1 | 0.67464912 | 89 |
| | | | | | | | | 1910043-026 | Carbon tetrachloride | 0.5 | ug/L | 10/12/2010 | 84 | 1.5 | 0.78383838 | 83 |
| | | | | | | | | 1910043-027 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 80 | 27 | 10.6850617 | 79 |
| | | | | | | | | 1910043-030 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 101 | 2.2 | 1.28009901 | 100 |
| | | | | | | | | 1910043-031 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 98 | 1.5 | 0.94969388 | 97 |
| | | | | | | | | 1910043-032 | Carbon tetrachloride | 0.5 | ug/L | 11/9/2010 | 101 | 4.6 | 2.4660396 | 100 |
| | | | | | | | | 1910043-027 | Chromium, Total | 50 | ug/L | 11/9/2010 | 30 | 87 | 49.6219512 | 30 |
| | | | | | | | | 1910043-031 | Chromium, Total | 50 | ug/L | 5/19/2009 | 7 | 58 | 38.4210526 | 7 |
| | | | | | | | | 1910043-029 | cis-1,2-Dichloroethylene | 6 | ug/L | 11/9/2010 | 89 | 26 | 12.9905556 | 88 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|----------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910043-030 | cis-1,2-Dichloroethylene | 6 | ug/L | 11/9/2010 | 100 | 26 | 15.3633663 | 99 |
| | | | | | | | | 1910043-002 | Nitrate (as NO3) | 45 | mg/L | 11/1/2006 | 2 | 51 | 29.8037037 | 2 |
| | | | | | | | | 1910043-003 | Nitrate (as NO3) | 45 | mg/L | 2/4/2009 | 39 | 51.8 | 43.1073394 | 39 |
| | | | | | | | | 1910043-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/3/2007 | 2 | 5.36 | 2.30508929 | 2 |
| | | | | | | | | 1910043-025 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 114 | 251 | 160.219298 | 97 |
| | | | | | | | | 1910043-026 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 99 | 180 | 94.720202 | 98 |
| | | | | | | | | 1910043-027 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 79 | 28 | 12.4066667 | 78 |
| | | | | | | | | 1910043-028 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 100 | 51 | 38.7089109 | 99 |
| | | | | | | | | 1910043-029 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 75 | 13 | 6.40655556 | 75 |
| | | | | | | | | 1910043-030 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/18/2007 | 16 | 6.8 | 4.09732673 | 16 |
| | | | | | | | | 1910043-031 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/9/2010 | 98 | 26 | 16.3795918 | 97 |
| | | | | | | | | 1910043-025 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 114 | 199 | 144.736842 | 97 |
| | | | | | | | | 1910043-026 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 99 | 211 | 123.717172 | 98 |
| | | | | | | | | 1910043-027 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 81 | 870 | 531.160494 | 80 |
| | | | | | | | | 1910043-028 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 100 | 110 | 65.9712871 | 99 |
| | | | | | | | | 1910043-029 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 90 | 160 | 78.54 | 89 |
| | | | | | | | | 1910043-030 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 101 | 210 | 119.069307 | 100 |
| | | | | | | | | 1910043-031 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2010 | 98 | 37 | 20.3061224 | 97 |
| | | | | | | | | 1910043-030 | Vinyl chloride | 0.5 | ug/L | 4/18/2007 | 54 | 2 | 0.78188119 | 53 |
| LOS ANGELES | Baldwin Hills | CAL/AM WATER COMPANY - BALDWIN HILLS | 1910052 | Mixed <50%GW | 21678 | 4 | 1 | 1910052-008 | Trichloroethylene (TCE) | 5 | ug/L | 10/19/2010 | 6 | 8.5 | 3.4 | 6 |
| LOS ANGELES | La Canada Flintridge | LA CANADA IRRIGATION DIST. | 1910054 | Mixed <50%GW | 9300 | 3 | 2 | 1910054-002 | Nitrate (as NO3) | 45 | mg/L | 3/22/2010 | 7 | 54 | 39.9375 | 7 |
| | | | | | | | | 1910054-003 | Nitrate (as NO3) | 45 | mg/L | 12/28/2009 | 2 | 50 | 34.5029412 | 2 |
| LOS ANGELES | La Canada Flintridge | LINCOLN AVENUE WATER CO. | 1910063 | Mixed <50%GW | 16000 | 2 | 2 | 1910063-002 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 81 | 4 | 1.8043956 | 81 |
| | | | | | | | | 1910063-003 | Carbon tetrachloride | 0.5 | ug/L | 8/6/2009 | 51 | 2.5 | 0.89909091 | 51 |
| | | | | | | | | 1910063-002 | Perchlorate | 6 | ug/L | 11/16/2010 | 278 | 47 | 22.4612903 | 278 |
| | | | | | | | | 1910063-003 | Perchlorate | 6 | ug/L | 8/18/2009 | 156 | 17 | 10.0492228 | 156 |
| | | | | | | | | 1910063-003 | Trichloroethylene (TCE) | 5 | ug/L | 5/9/2006 | 7 | 17 | 3.95311688 | 7 |
| LOS ANGELES | Los Angeles | LOS ANGELES-CITY, DEPT. OF WATER & POWER | 1910067 | Mixed <50%GW | 4071873 | 71 | 47 | 1910067-062 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/5/2010 | 33 | 21.7 | 7.65681818 | 33 |
| | | | | | | | | 1910067-095 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 1/24/2003 | 10 | 12.7 | 2.0905 | 10 |
| | | | | | | | | 1910067-110 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/27/2010 | 23 | 17.8 | 4.39354167 | 22 |
| | | | | | | | | 1910067-182 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/22/2009 | 4 | 6.99 | 1.75703448 | 4 |
| | | | | | | | | 1910067-183 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 1/13/2009 | 13 | 12.9 | 2.84159302 | 13 |
| | | | | | | | | 1910067-184 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/13/2010 | 31 | 14.6 | 5.24763158 | 31 |
| | | | | | | | | 1910067-185 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/22/2009 | 24 | 15.8 | 4.04405814 | 23 |
| | | | | | | | | 1910067-186 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/22/2009 | 9 | 8.52 | 2.31365854 | 8 |
| | | | | | | | | 1910067-062 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 4/23/2008 | 6 | 0.75 | 0.05512121 | 6 |
| | | | | | | | | 1910067-064 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 10/6/2005 | 11 | 0.71 | 0.15493182 | 11 |
| | | | | | | | | 1910067-065 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 10/6/2005 | 20 | 1.52 | 0.87215385 | 20 |
| | | | | | | | | 1910067-062 | Carbon tetrachloride | 0.5 | ug/L | 10/5/2010 | 62 | 2.71 | 1.17618182 | 61 |
| | | | | | | | | 1910067-064 | Carbon tetrachloride | 0.5 | ug/L | 8/28/2008 | 4 | 1.34 | 0.07675 | 4 |
| | | | | | | | | 1910067-065 | Carbon tetrachloride | 0.5 | ug/L | 9/15/2005 | 25 | 0.9 | 0.62646154 | 25 |
| | | | | | | | | 1910067-067 | Carbon tetrachloride | 0.5 | ug/L | 10/5/2010 | 38 | 0.85 | 0.35390909 | 38 |
| | | | | | | | | 1910067-068 | Carbon tetrachloride | 0.5 | ug/L | 10/5/2010 | 71 | 6.38 | 3.07233803 | 71 |
| | | | | | | | | 1910067-141 | Carbon tetrachloride | 0.5 | ug/L | 12/29/2009 | 10 | 1.44 | 0.18688235 | 9 |
| | | | | | | | | 1910067-182 | Carbon tetrachloride | 0.5 | ug/L | 10/22/2009 | 16 | 1.05 | 0.14051724 | 16 |
| | | | | | | | | 1910067-183 | Carbon tetrachloride | 0.5 | ug/L | 1/13/2009 | 20 | 1.8 | 0.2512907 | 19 |
| | | | | | | | | 1910067-184 | Carbon tetrachloride | 0.5 | ug/L | 5/21/2010 | 48 | 2.03 | 0.65784211 | 46 |
| | | | | | | | | 1910067-185 | Carbon tetrachloride | 0.5 | ug/L | 10/22/2009 | 44 | 1.8 | 0.4795814 | 43 |
| | | | | | | | | 1910067-186 | Carbon tetrachloride | 0.5 | ug/L | 10/22/2009 | 7 | 0.785 | 0.05497561 | 6 |
| | | | | | | | | 1910067-062 | Chromium, Total | 50 | ug/L | 10/5/2010 | 36 | 392 | 117.044872 | 36 |
| | | | | | | | | 1910067-062 | cis-1,2-Dichloroethylene | 6 | ug/L | 9/8/2010 | 26 | 23 | 6.80106061 | 26 |
| | | | | | | | | 1910067-067 | Gross alpha particle activity | 15 | pCi/L | 1/27/2010 | 4 | 19.2 | 16.3666667 | 4 |
| | | | | | | | | 1910067-068 | Gross alpha particle activity | 15 | pCi/L | 10/7/2009 | 4 | 20.5 | 17.1166667 | 4 |
| | | | | | | | | 1910067-062 | Nitrate (as NO3) | 45 | mg/L | 5/20/2008 | 36 | 61.1 | 45.6004054 | 36 |
| | | | | | | | | 1910067-064 | Nitrate (as NO3) | 45 | mg/L | 4/23/2008 | 16 | 52.7 | 39.7954902 | 16 |
| | | | | | | | | 1910067-065 | Nitrate (as NO3) | 45 | mg/L | 10/6/2005 | 33 | 54 | 47.2810256 | 33 |
| | | | | | | | | 1910067-067 | Nitrate (as NO3) | 45 | mg/L | 8/6/2009 | 4 | 48.3 | 35.2108451 | 4 |
| | | | | | | | | 1910067-068 | Nitrate (as NO3) | 45 | mg/L | 5/25/2005 | 28 | 51.4 | 37.7536364 | 28 |
| | | | | | | | | 1910067-110 | Nitrate (as NO3) | 45 | mg/L | 4/27/2005 | 2 | 46.5 | 38.3792308 | 2 |
| | | | | | | | | 1910067-183 | Nitrate (as NO3) | 45 | mg/L | 2/28/2008 | 5 | 46.5 | 30.5816049 | 5 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|--------|--------------|--------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|---------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910067-184 | Nitrate (as NO3) | 45 | mg/L | 2/28/2008 | 11 | 53.1 | 37.1215068 | 11 |
| | | | | | | | | 1910067-185 | Nitrate (as NO3) | 45 | mg/L | 2/28/2008 | 21 | 58.5 | 33.3537349 | 21 |
| | | | | | | | | 1910067-186 | Nitrate (as NO3) | 45 | mg/L | 2/28/2008 | 12 | 53.1 | 30.3462338 | 12 |
| | | | | | | | | 1910067-187 | Nitrate (as NO3) | 45 | mg/L | 1/30/2008 | 19 | 63.3 | 32.7079104 | 18 |
| | | | | | | | | 1910067-188 | Nitrate (as NO3) | 45 | mg/L | 10/22/2009 | 3 | 53.1 | 26.8147541 | 3 |
| | | | | | | | | 1910067-123 | Perchlorate | 6 | ug/L | 4/9/2002 | 2 | 6.5 | 3.23924051 | 2 |
| | | | | | | | | 1910067-124 | Perchlorate | 6 | ug/L | 5/26/2006 | 6 | 7.2 | 4.08843373 | 6 |
| | | | | | | | | 1910067-125 | Perchlorate | 6 | ug/L | 5/17/2002 | 2 | 6.6 | 3.41833333 | 2 |
| | | | | | | | | 1910067-187 | Perchlorate | 6 | ug/L | 8/13/2002 | 6 | 11 | 4.20485714 | 6 |
| | | | | | | | | 1910067-188 | Perchlorate | 6 | ug/L | 1/28/2009 | 31 | 21 | 6.54328571 | 31 |
| | | | | | | | | 1910067-189 | Perchlorate | 6 | ug/L | 2/11/2005 | 12 | 11 | 4.37323944 | 12 |
| | | | | | | | | 1910067-062 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/5/2010 | 64 | 55.3 | 18.3836364 | 63 |
| | | | | | | | | 1910067-063 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/5/2010 | 55 | 37.1 | 7.14971014 | 54 |
| | | | | | | | | 1910067-064 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/28/2008 | 45 | 35 | 15.7357778 | 44 |
| | | | | | | | | 1910067-065 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/6/2005 | 26 | 46 | 36.2115385 | 26 |
| | | | | | | | | 1910067-066 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/5/2010 | 65 | 14.1 | 9.35545455 | 65 |
| | | | | | | | | 1910067-067 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/3/2010 | 54 | 14 | 6.5174697 | 53 |
| | | | | | | | | 1910067-068 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/5/2010 | 70 | 16.1 | 9.54126761 | 70 |
| | | | | | | | | 1910067-084 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/23/2009 | 6 | 6.02 | 2.26753488 | 6 |
| | | | | | | | | 1910067-098 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/25/2007 | 9 | 8.32 | 1.87506897 | 8 |
| | | | | | | | | 1910067-104 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/21/2009 | 4 | 11.5 | 1.34342029 | 4 |
| | | | | | | | | 1910067-108 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/19/2008 | 15 | 6.83 | 4.01783333 | 12 |
| | | | | | | | | 1910067-110 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/27/2010 | 70 | 21.7 | 12.1286111 | 67 |
| | | | | | | | | 1910067-149 | Tetrachloroethylene (PCE) | 5 | ug/L | 1/28/2009 | 16 | 8.75 | 3.4798 | 16 |
| | | | | | | | | 1910067-150 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/12/2005 | 4 | 7.12 | 3.00087952 | 4 |
| | | | | | | | | 1910067-180 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/15/2009 | 11 | 18.2 | 2.12097143 | 11 |
| | | | | | | | | 1910067-181 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/22/2009 | 12 | 14.9 | 2.86702564 | 12 |
| | | | | | | | | 1910067-182 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/22/2009 | 24 | 15.7 | 3.90402299 | 23 |
| | | | | | | | | 1910067-183 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2010 | 40 | 24.1 | 6.35589535 | 38 |
| | | | | | | | | 1910067-184 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2010 | 26 | 31.7 | 6.97317105 | 26 |
| | | | | | | | | 1910067-185 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/22/2009 | 16 | 27.6 | 3.25547674 | 15 |
| | | | | | | | | 1910067-186 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/23/2008 | 11 | 8.77 | 2.09037805 | 10 |
| | | | | | | | | 1910067-187 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/2/2005 | 10 | 7.42 | 1.58062857 | 10 |
| | | | | | | | | 1910067-031 | Trichloroethylene (TCE) | 5 | ug/L | 10/28/2010 | 29 | 15.7 | 5.14306452 | 29 |
| | | | | | | | | 1910067-051 | Trichloroethylene (TCE) | 5 | ug/L | 7/26/2010 | 5 | 7.77 | 2.687 | 4 |
| | | | | | | | | 1910067-060 | Trichloroethylene (TCE) | 5 | ug/L | 4/6/2010 | 10 | 9.01 | 3.42714035 | 10 |
| | | | | | | | | 1910067-062 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 65 | 1300 | 414.030303 | 64 |
| | | | | | | | | 1910067-063 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 69 | 915 | 48.9431884 | 68 |
| | | | | | | | | 1910067-064 | Trichloroethylene (TCE) | 5 | ug/L | 8/28/2008 | 45 | 65 | 34.9288889 | 44 |
| | | | | | | | | 1910067-065 | Trichloroethylene (TCE) | 5 | ug/L | 10/6/2005 | 26 | 53 | 36.9461538 | 26 |
| | | | | | | | | 1910067-066 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 65 | 25.5 | 13.9933333 | 65 |
| | | | | | | | | 1910067-067 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 65 | 242 | 97.7075758 | 64 |
| | | | | | | | | 1910067-068 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 71 | 86.3 | 31.3266197 | 71 |
| | | | | | | | | 1910067-084 | Trichloroethylene (TCE) | 5 | ug/L | 10/21/2010 | 29 | 29.8 | 10.8773953 | 29 |
| | | | | | | | | 1910067-087 | Trichloroethylene (TCE) | 5 | ug/L | 9/24/2009 | 16 | 9.96 | 2.96341667 | 16 |
| | | | | | | | | 1910067-095 | Trichloroethylene (TCE) | 5 | ug/L | 4/22/2010 | 9 | 8.85 | 1.99736047 | 9 |
| | | | | | | | | 1910067-097 | Trichloroethylene (TCE) | 5 | ug/L | 3/11/2010 | 4 | 10.1 | 1.28939189 | 4 |
| | | | | | | | | 1910067-098 | Trichloroethylene (TCE) | 5 | ug/L | 9/25/2007 | 11 | 8.87 | 2.35474138 | 10 |
| | | | | | | | | 1910067-104 | Trichloroethylene (TCE) | 5 | ug/L | 2/18/2010 | 15 | 33 | 3.46678261 | 15 |
| | | | | | | | | 1910067-105 | Trichloroethylene (TCE) | 5 | ug/L | 10/16/2007 | 4 | 8.1 | 0.92859091 | 4 |
| | | | | | | | | 1910067-106 | Trichloroethylene (TCE) | 5 | ug/L | 3/3/2010 | 5 | 7.8 | 1.39655128 | 5 |
| | | | | | | | | 1910067-108 | Trichloroethylene (TCE) | 5 | ug/L | 11/25/2008 | 31 | 8.36 | 5.15833333 | 28 |
| | | | | | | | | 1910067-110 | Trichloroethylene (TCE) | 5 | ug/L | 10/27/2010 | 69 | 19.2 | 11.2758333 | 66 |
| | | | | | | | | 1910067-118 | Trichloroethylene (TCE) | 5 | ug/L | 9/9/2009 | 23 | 52.6 | 8.96221429 | 23 |
| | | | | | | | | 1910067-119 | Trichloroethylene (TCE) | 5 | ug/L | 10/19/2010 | 22 | 17 | 4.12357895 | 21 |
| | | | | | | | | 1910067-120 | Trichloroethylene (TCE) | 5 | ug/L | 6/10/2008 | 8 | 7.5 | 1.47196875 | 6 |
| | | | | | | | | 1910067-127 | Trichloroethylene (TCE) | 5 | ug/L | 10/19/2010 | 59 | 48.7 | 11.344427 | 59 |
| | | | | | | | | 1910067-128 | Trichloroethylene (TCE) | 5 | ug/L | 9/9/2009 | 20 | 49.9 | 7.60209722 | 20 |
| | | | | | | | | 1910067-129 | Trichloroethylene (TCE) | 5 | ug/L | 9/17/2009 | 10 | 18 | 1.50658696 | 10 |
| | | | | | | | | 1910067-130 | Trichloroethylene (TCE) | 5 | ug/L | 9/17/2009 | 13 | 42 | 3.66790244 | 13 |
| | | | | | | | | 1910067-131 | Trichloroethylene (TCE) | 5 | ug/L | 3/3/2010 | 30 | 41.7 | 7.04245455 | 29 |
| | | | | | | | | 1910067-132 | Trichloroethylene (TCE) | 5 | ug/L | 8/5/2009 | 27 | 40 | 5.96296667 | 25 |

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| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|-----------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-----------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910067-141 | Trichloroethylene (TCE) | 5 | ug/L | 11/26/2009 | 9 | 10.6 | 3.37147059 | 8 |
| | | | | | | | | 1910067-149 | Trichloroethylene (TCE) | 5 | ug/L | 11/26/2009 | 11 | 19.4 | 4.32701667 | 11 |
| | | | | | | | | 1910067-150 | Trichloroethylene (TCE) | 5 | ug/L | 11/26/2009 | 59 | 15.5 | 8.00168675 | 57 |
| | | | | | | | | 1910067-152 | Trichloroethylene (TCE) | 5 | ug/L | 8/10/2005 | 30 | 14 | 5.17284932 | 30 |
| | | | | | | | | 1910067-179 | Trichloroethylene (TCE) | 5 | ug/L | 7/16/2009 | 3 | 10.5 | 0.82174627 | 3 |
| | | | | | | | | 1910067-180 | Trichloroethylene (TCE) | 5 | ug/L | 9/15/2009 | 21 | 25.1 | 3.47167143 | 21 |
| | | | | | | | | 1910067-181 | Trichloroethylene (TCE) | 5 | ug/L | 10/22/2009 | 35 | 22.5 | 5.55916667 | 34 |
| | | | | | | | | 1910067-182 | Trichloroethylene (TCE) | 5 | ug/L | 10/22/2009 | 57 | 29.2 | 9.39311494 | 54 |
| | | | | | | | | 1910067-183 | Trichloroethylene (TCE) | 5 | ug/L | 10/13/2010 | 59 | 46.4 | 12.9370814 | 56 |
| | | | | | | | | 1910067-184 | Trichloroethylene (TCE) | 5 | ug/L | 10/13/2010 | 67 | 45.2 | 15.1295132 | 65 |
| | | | | | | | | 1910067-185 | Trichloroethylene (TCE) | 5 | ug/L | 10/13/2010 | 60 | 37.5 | 10.0430581 | 58 |
| | | | | | | | | 1910067-186 | Trichloroethylene (TCE) | 5 | ug/L | 10/22/2009 | 50 | 21.5 | 7.37303659 | 48 |
| | | | | | | | | 1910067-187 | Trichloroethylene (TCE) | 5 | ug/L | 10/22/2009 | 43 | 13.7 | 5.65214286 | 43 |
| | | | | | | | | 1910067-188 | Trichloroethylene (TCE) | 5 | ug/L | 10/22/2009 | 43 | 20.1 | 7.97690278 | 43 |
| | | | | | | | | 1910067-189 | Trichloroethylene (TCE) | 5 | ug/L | 8/11/2009 | 32 | 11.1 | 4.2931625 | 31 |
| | | | | | | | | 1910067-189 | Trichlorofluoromethane (Freon 11) | 150 | ug/L | 1/28/2009 | 2 | 244 | 32.096625 | 2 |
| | | | | | | | | 1910067-067 | Uranium | 20 | pCi/L | 8/25/2004 | 2 | 21.6 | 15.8669048 | 2 |
| LOS ANGELES | Los Angeles | LOS ANGELES CO WW DIST 4 & 34-LANCASTER | 1910070 | Mixed <50%GW | 146709 | 55 | 19 | 1910070-002 | Arsenic | 10 | ug/L | 10/17/2005 | 31 | 19.2 | 7.47597403 | 30 |
| | | | | | | | | 1910070-025 | Arsenic | 10 | ug/L | 11/3/2010 | 4 | 12.6 | 6.4 | 4 |
| | | | | | | | | 1910070-032 | Arsenic | 10 | ug/L | 6/14/2007 | 2 | 15.9 | 8.5325 | 2 |
| | | | | | | | | 1910070-037 | Arsenic | 10 | ug/L | 8/9/2007 | 4 | 15.4 | 4.90608696 | 4 |
| | | | | | | | | 1910070-038 | Arsenic | 10 | ug/L | 3/4/2010 | 4 | 10.5 | 9.05466667 | 4 |
| | | | | | | | | 1910070-039 | Arsenic | 10 | ug/L | 7/6/2010 | 79 | 16.4 | 9.77882353 | 78 |
| | | | | | | | | 1910070-043 | Arsenic | 10 | ug/L | 12/8/2008 | 3 | 13.1 | 7.65666667 | 3 |
| | | | | | | | | 1910070-044 | Arsenic | 10 | ug/L | 10/12/2005 | 2 | 14.5 | 6.7 | 2 |
| | | | | | | | | 1910070-046 | Arsenic | 10 | ug/L | 1/13/2009 | 2 | 17.1 | 10.0625 | 2 |
| | | | | | | | | 1910070-053 | Arsenic | 10 | ug/L | 6/4/2009 | 6 | 16.6 | 4.68315789 | 6 |
| | | | | | | | | 1910070-058 | Arsenic | 10 | ug/L | 8/4/2010 | 6 | 12.9 | 8.24368421 | 6 |
| | | | | | | | | 1910070-062 | Arsenic | 10 | ug/L | 1/26/2007 | 16 | 22.4 | 9.44925 | 15 |
| | | | | | | | | 1910070-063 | Arsenic | 10 | ug/L | 1/26/2007 | 22 | 26.1 | 8.64035088 | 22 |
| | | | | | | | | 1910070-066 | Arsenic | 10 | ug/L | 7/14/2010 | 8 | 43 | 23.2815385 | 7 |
| | | | | | | | | 1910070-067 | Arsenic | 10 | ug/L | 10/25/2005 | 6 | 15.6 | 8.96357143 | 5 |
| | | | | | | | | 1910070-068 | Arsenic | 10 | ug/L | 8/2/2005 | 4 | 16.5 | 8.42071429 | 4 |
| | | | | | | | | 1910070-069 | Arsenic | 10 | ug/L | 11/22/2005 | 5 | 14.9 | 7.03470588 | 4 |
| | | | | | | | | 1910070-070 | Arsenic | 10 | ug/L | 9/29/2005 | 11 | 23.1 | 15.3153846 | 10 |
| | | | | | | | | 1910070-071 | Arsenic | 10 | ug/L | 8/2/2005 | 8 | 15.9 | 9.76375 | 8 |
| LOS ANGELES | Lynwood | LYNWOOD-CITY, WATER DEPT. | 1910079 | Mixed <50%GW | 71061 | 5 | 1 | 1910079-011 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/27/2008 | 7 | 6.7 | 3.96444444 | 7 |
| LOS ANGELES | Manhattan Beach | MANHATTAN BEACH-CITY, WATER DEPT. | 1910083 | Mixed <50%GW | 33852 | 2 | 1 | 1910083-006 | Gross alpha particle activity | 15 | pCi/L | 2/16/2006 | 2 | 29.7 | 6.7225 | 2 |
| LOS ANGELES | Pasadena | PASADENA-CITY, WATER DEPT. | 1910124 | Mixed <50%GW | 169000 | 11 | 7 | 1910124-006 | cis-1,2-Dichloroethylene | 6 | ug/L | 9/3/2010 | 8 | 20.7 | 3.61189542 | 8 |
| | | | | | | | | 1910124-006 | Gross alpha particle activity | 15 | pCi/L | 5/6/2003 | 2 | 17.95 | 11.945 | 2 |
| | | | | | | | | 1910124-047 | Gross alpha particle activity | 15 | pCi/L | 5/6/2003 | 2 | 21.56 | 13.35 | 2 |
| | | | | | | | | 1910124-006 | Nitrate (as NO3) | 45 | mg/L | 9/1/2010 | 5 | 50.5 | 37.8750365 | 5 |
| | | | | | | | | 1910124-014 | Nitrate (as NO3) | 45 | mg/L | 8/18/2010 | 2 | 46.4 | 33.2232787 | 2 |
| | | | | | | | | 1910124-018 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 50 | 57.9 | 43.899469 | 49 |
| | | | | | | | | 1910124-006 | Perchlorate | 6 | ug/L | 11/2/2010 | 134 | 25.3 | 10.7923704 | 133 |
| | | | | | | | | 1910124-010 | Perchlorate | 6 | ug/L | 2/16/2005 | 26 | 12.5 | 3.04043689 | 26 |
| | | | | | | | | 1910124-014 | Perchlorate | 6 | ug/L | 8/18/2010 | 5 | 7.94 | 2.25508197 | 5 |
| | | | | | | | | 1910124-018 | Perchlorate | 6 | ug/L | 11/2/2010 | 112 | 31.6 | 12.7452679 | 112 |
| | | | | | | | | 1910124-020 | Perchlorate | 6 | ug/L | 11/24/2009 | 9 | 9.75 | 2.6803125 | 9 |
| | | | | | | | | 1910124-028 | Perchlorate | 6 | ug/L | 11/23/2010 | 155 | 17.7 | 6.46917476 | 154 |
| | | | | | | | | 1910124-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/3/2010 | 9 | 12.9 | 3.08986928 | 9 |
| | | | | | | | | 1910124-006 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 117 | 26.2 | 6.25405229 | 117 |
| LOS ANGELES | Covina | COVINA IRRIGATING CO. | 1910128 | Mixed <50%GW | 0 | 3 | 1 | 1910128-002 | Nitrate (as NO3) | 45 | mg/L | 4/22/2010 | 3 | 49 | 25.6630769 | 3 |
| | | | | | | | | 1910128-002 | Perchlorate | 6 | ug/L | 4/22/2010 | 3 | 6.4 | 3.64193548 | 3 |

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|-------------|----------------------|-----------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| LOS ANGELES | Quartz Hill | QUARTZ HILL WATER DIST. | 1910130 | Mixed <50%GW | 17000 | 8 | 1 | 1910130-015 | Nitrate (as NO3) | 45 | mg/L | 5/1/2007 | 2 | 46 | 41.8571429 | 2 |
| LOS ANGELES | San Dimas | GSWC-SAN DIMAS | 1910142 | Mixed <50%GW | 53199 | 8 | 5 | 1910142-003 | Nitrate (as NO3) | 45 | mg/L | 10/22/2004 | 22 | 62 | 30.7838144 | 20 |
| | | | | | | | | 1910142-004 | Nitrate (as NO3) | 45 | mg/L | 2/28/2005 | 16 | 73 | 32.0495575 | 16 |
| | | | | | | | | 1910142-005 | Nitrate (as NO3) | 45 | mg/L | 11/15/2010 | 58 | 120 | 65.4682353 | 57 |
| | | | | | | | | 1910142-009 | Nitrate (as NO3) | 45 | mg/L | 6/8/2007 | 2 | 47 | 28.112 | 2 |
| | | | | | | | | 1910142-004 | Perchlorate | 6 | ug/L | 9/14/2010 | 8 | 13 | 3.16741573 | 8 |
| | | | | | | | | 1910142-005 | Perchlorate | 6 | ug/L | 11/15/2010 | 66 | 20 | 9.96626506 | 64 |
| | | | | | | | | 1910142-013 | Perchlorate | 6 | ug/L | 11/6/2003 | 3 | 8 | 1.41896552 | 2 |
| LOS ANGELES | Santa Monica | SANTA MONICA-CITY, WATER DIVISION | 1910146 | Mixed <50%GW | 84184 | 5 | 2 | 1910146-017 | Carbon tetrachloride | 0.5 | ug/L | 10/21/2010 | 17 | 0.8 | 0.43846154 | 16 |
| | | | | | | | | 1910146-015 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/21/2010 | 80 | 22.2 | 13.59625 | 75 |
| | | | | | | | | 1910146-017 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/21/2010 | 39 | 30 | 18.1794872 | 36 |
| | | | | | | | | 1910146-015 | Trichloroethylene (TCE) | 5 | ug/L | 10/21/2010 | 76 | 35 | 17.485 | 71 |
| | | | | | | | | 1910146-017 | Trichloroethylene (TCE) | 5 | ug/L | 10/21/2010 | 39 | 71 | 38.0717949 | 36 |
| LOS ANGELES | La Canada Flintridge | VALLEY WATER CO. | 1910166 | Mixed <50%GW | 9900 | 4 | 4 | 1910166-002 | Nitrate (as NO3) | 45 | mg/L | 9/9/2010 | 19 | 64 | 34.7661017 | 19 |
| | | | | | | | | 1910166-003 | Nitrate (as NO3) | 45 | mg/L | 9/9/2010 | 21 | 72 | 31.8383111 | 21 |
| | | | | | | | | 1910166-004 | Nitrate (as NO3) | 45 | mg/L | 8/3/2010 | 29 | 70.4 | 46.6695 | 29 |
| | | | | | | | | 1910166-005 | Nitrate (as NO3) | 45 | mg/L | 7/7/2010 | 21 | 62 | 34.8399286 | 21 |
| | | | | | | | | 1910166-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/7/2010 | 5 | 9 | 2.49318182 | 5 |
| | | | | | | | | 1910166-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/1/2002 | 3 | 6 | 2.07567568 | 3 |
| LOS ANGELES | Burbank | BURBANK-CITY, WATER DEPT. | 1910179 | Mixed <50%GW | 108082 | 9 | 8 | 1910179-026 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 7/7/2010 | 7 | 25 | 2.9212766 | 7 |
| | | | | | | | | 1910179-027 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 1/5/2010 | 2 | 25 | 2.6174359 | 2 |
| | | | | | | | | 1910179-004 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 2/9/2007 | 2 | 2.5 | 0.20959184 | 2 |
| | | | | | | | | 1910179-029 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 7/10/2003 | 6 | 10 | 0.6278 | 6 |
| | | | | | | | | 1910179-004 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 43 | 2.5 | 0.61530612 | 43 |
| | | | | | | | | 1910179-024 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 28 | 10 | 0.69210526 | 28 |
| | | | | | | | | 1910179-025 | Carbon tetrachloride | 0.5 | ug/L | 10/5/2010 | 23 | 1 | 0.28854167 | 23 |
| | | | | | | | | 1910179-026 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 28 | 25 | 0.85659574 | 28 |
| | | | | | | | | 1910179-027 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 45 | 25 | 1.61128205 | 45 |
| | | | | | | | | 1910179-028 | Carbon tetrachloride | 0.5 | ug/L | 10/5/2010 | 26 | 5 | 0.47 | 26 |
| | | | | | | | | 1910179-029 | Carbon tetrachloride | 0.5 | ug/L | 11/2/2010 | 41 | 10 | 0.7845 | 41 |
| | | | | | | | | 1910179-023 | cis-1,2-Dichloroethylene | 6 | ug/L | 1/6/2009 | 3 | 7.6 | 1.50053763 | 3 |
| | | | | | | | | 1910179-004 | Gross alpha particle activity | 15 | pCi/L | 8/19/2004 | 2 | 16.4 | 14.18 | 2 |
| | | | | | | | | 1910179-026 | Gross alpha particle activity | 15 | pCi/L | 12/13/2004 | 3 | 16.1 | 13.54 | 3 |
| | | | | | | | | 1910179-027 | Gross alpha particle activity | 15 | pCi/L | 4/17/2007 | 4 | 16.57 | 14.6116667 | 4 |
| | | | | | | | | 1910179-023 | Nitrate (as NO3) | 45 | mg/L | 12/11/2007 | 4 | 50 | 37.1934066 | 4 |
| | | | | | | | | 1910179-024 | Nitrate (as NO3) | 45 | mg/L | 7/7/2010 | 5 | 49 | 40.9363736 | 5 |
| | | | | | | | | 1910179-026 | Nitrate (as NO3) | 45 | mg/L | 1/5/2010 | 34 | 54.8 | 43.5032609 | 34 |
| | | | | | | | | 1910179-027 | Nitrate (as NO3) | 45 | mg/L | 6/2/2003 | 15 | 50.4 | 41.6078947 | 15 |
| | | | | | | | | 1910179-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 98 | 495 | 104.866327 | 97 |
| | | | | | | | | 1910179-023 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 92 | 461 | 90.8430108 | 91 |
| | | | | | | | | 1910179-024 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 95 | 739 | 344.263158 | 94 |
| | | | | | | | | 1910179-025 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/5/2010 | 88 | 544 | 193.839583 | 87 |
| | | | | | | | | 1910179-026 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 94 | 1630 | 526.675532 | 93 |
| | | | | | | | | 1910179-027 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 78 | 840 | 217.752564 | 77 |
| | | | | | | | | 1910179-028 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 90 | 550 | 205.86 | 89 |
| | | | | | | | | 1910179-029 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 100 | 633 | 255.92 | 99 |
| | | | | | | | | 1910179-004 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 98 | 179 | 39.1408163 | 97 |
| | | | | | | | | 1910179-023 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 92 | 388 | 148.354839 | 91 |
| | | | | | | | | 1910179-024 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 95 | 691 | 294.221053 | 94 |
| | | | | | | | | 1910179-025 | Trichloroethylene (TCE) | 5 | ug/L | 10/5/2010 | 83 | 410 | 163.667708 | 82 |
| | | | | | | | | 1910179-026 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 94 | 486 | 176.534043 | 93 |
| | | | | | | | | 1910179-027 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 77 | 370 | 134.744872 | 76 |
| | | | | | | | | 1910179-028 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 90 | 189 | 72.7977778 | 89 |
| | | | | | | | | 1910179-029 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 100 | 168 | 61.252 | 99 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|---------------------------------------------------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| LOS ANGELES | Burbank | LOS ANGELES CWWD 40, R24, 27,33-PEARLSM | 1910203 | Mixed <50%GW | 9731 | 5 | 1 | 1910203-019 | Nitrate (as NO3) | 45 | mg/L | 8/18/2010 | 21 | 56.6 | 37.494 | 21 |
| LOS ANGELES | Santa Fe Springs | SANTA FE SPRINGS - CITY, WATER DEPT. | 1910245 | Mixed <50%GW | 17438 | 2 | 1 | 1910245-004 | Trichloroethylene (TCE) | 5 | ug/L | 12/17/2009 | 2 | 6.3 | 1.78235294 | 2 |
| LOS ANGELES | Baldwin Park city, Irwindale city, San Dimas city, West Covina city | VALLEY COUNTY WATER DIST. | 1910009 | Undetermined | 73196 | 10 | 7 | 1910009-034 | 1,1-Dichloroethane (1,1-DCA) | 5 | ug/L | 2/6/2006 | 2 | 5.6 | 1.00 | 32 |
| | | | | | | | | 1910009-001 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/26/2004 | 7 | 8.7 | 0.96 | 106 |
| | | | | | | | | 1910009-002 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 9/22/2004 | 3 | 10 | 0.93 | 102 |
| | | | | | | | | 1910009-007 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 10/20/2010 | 41 | 43 | 24.11 | 42 |
| | | | | | | | | 1910009-033 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 1/20/2009 | 19 | 106 | 26.12 | 29 |
| | | | | | | | | 1910009-034 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 3/11/2009 | 20 | 49 | 14.16 | 32 |
| | | | | | | | | 1910009-001 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 10/26/2004 | 10 | 1.4 | 0.30 | 104 |
| | | | | | | | | 1910009-002 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 10/26/2004 | 11 | 1.2 | 0.30 | 102 |
| | | | | | | | | 1910009-007 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 8/30/2010 | 36 | 1.1 | 0.69 | 42 |
| | | | | | | | | 1910009-033 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 2/1/2006 | 2 | 0.7 | 0.24 | 29 |
| | | | | | | | | 1910009-007 | Carbon tetrachloride | 0.5 | ug/L | 10/20/2010 | 42 | 2.7 | 1.52 | 42 |
| | | | | | | | | 1910009-001 | cis-1,2-Dichloroethylene | 6 | ug/L | 10/26/2004 | 11 | 16 | 1.41 | 104 |
| | | | | | | | | 1910009-002 | cis-1,2-Dichloroethylene | 6 | ug/L | 10/26/2004 | 9 | 14 | 1.29 | 102 |
| | | | | | | | | 1910009-007 | cis-1,2-Dichloroethylene | 6 | ug/L | 10/20/2010 | 42 | 25 | 15.89 | 42 |
| | | | | | | | | 1910009-033 | Nitrate (as NO3) | 45 | mg/L | 9/15/2010 | 39 | 86 | 73.45 | 37 |
| | | | | | | | | 1910009-034 | Nitrate (as NO3) | 45 | mg/L | 12/16/2009 | 41 | 80 | 60.72 | 41 |
| | | | | | | | | 1910009-007 | Perchlorate | 6 | ug/L | 10/20/2010 | 38 | 33 | 15.64 | 38 |
| | | | | | | | | 1910009-033 | Perchlorate | 6 | ug/L | 9/15/2010 | 28 | 13 | 9.66 | 28 |
| | | | | | | | | 1910009-034 | Perchlorate | 6 | ug/L | 12/16/2009 | 30 | 17 | 11.84 | 30 |
| | | | | | | | | 1910009-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/28/2009 | 26 | 110 | 10.09 | 106 |
| | | | | | | | | 1910009-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/28/2009 | 39 | 94 | 10.47 | 104 |
| | | | | | | | | 1910009-005 | Tetrachloroethylene (PCE) | 5 | ug/L | 4/27/2010 | 10 | 14 | 1.96 | 100 |
| | | | | | | | | 1910009-006 | Tetrachloroethylene (PCE) | 5 | ug/L | 3/22/2010 | 9 | 16 | 1.41 | 107 |
| | | | | | | | | 1910009-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/20/2010 | 42 | 760 | 364.12 | 42 |
| | | | | | | | | 1910009-033 | Tetrachloroethylene (PCE) | 5 | ug/L | 1/20/2009 | 20 | 35 | 12.70 | 29 |
| | | | | | | | | 1910009-034 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/18/2009 | 30 | 32 | 15.03 | 32 |
| | | | | | | | | 1910009-001 | Trichloroethylene (TCE) | 5 | ug/L | 10/26/2004 | 19 | 36 | 3.68 | 106 |
| | | | | | | | | 1910009-002 | Trichloroethylene (TCE) | 5 | ug/L | 10/26/2004 | 19 | 42 | 3.97 | 104 |
| | | | | | | | | 1910009-007 | Trichloroethylene (TCE) | 5 | ug/L | 10/20/2010 | 42 | 218 | 127.93 | 42 |
| | | | | | | | | 1910009-033 | Trichloroethylene (TCE) | 5 | ug/L | 12/9/2008 | 19 | 30 | 9.24 | 29 |
| | | | | | | | | 1910009-034 | Trichloroethylene (TCE) | 5 | ug/L | 3/11/2009 | 21 | 20 | 9.03 | 32 |
| LOS ANGELES | Azusa city, Glendora city, Vincent CDP | GLENORA-CITY, WATER DEPT. | 1910044 | Undetermined | 53000 | 9 | 2 | 1910044-008 | Nitrate (as NO3) | 45 | mg/L | 5/31/2005 | 2 | 46.7 | 32.38 | 251 |
| | | | | | | | | 1910044-009 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 53 | 52 | 40.92 | 341 |
| LOS ANGELES | Bell city, Commerce city, Maywood city | MAYWOOD MUTUAL WATER CO. #3 | 1910086 | Undetermined | 9500 | 3 | 1 | 1910086-003 | Trichloroethylene (TCE) | 5 | ug/L | 10/12/2010 | 3 | 5.3 | 2.85 | 40 |
| LOS ANGELES | Claremont city, La Verne city, Pomona city | LA VERNE, CITY WD | 1910062 | Undetermined | 34051 | 9 | 8 | 1910062-008 | Nitrate (as NO3) | 45 | mg/L | 6/23/2010 | 37 | 81 | 56.90 | 49 |
| | | | | | | | | 1910062-009 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 55 | 81 | 60.50 | 59 |
| | | | | | | | | 1910062-010 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 56 | 110 | 91.72 | 57 |
| | | | | | | | | 1910062-012 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 91 | 120 | 99.11 | 91 |
| | | | | | | | | 1910062-016 | Nitrate (as NO3) | 45 | mg/L | 11/10/2010 | 67 | 100 | 93.60 | 67 |
| | | | | | | | | 1910062-018 | Nitrate (as NO3) | 45 | mg/L | 8/11/2010 | 40 | 100 | 93.75 | 40 |
| | | | | | | | | 1910062-032 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 65 | 120 | 87.67 | 64 |
| | | | | | | | | 1910062-008 | Perchlorate | 6 | ug/L | 2/17/2010 | 30 | 11 | 5.66 | 48 |
| | | | | | | | | 1910062-009 | Perchlorate | 6 | ug/L | 2/4/2009 | 5 | 7.3 | 2.91 | 57 |
| | | | | | | | | 1910062-010 | Perchlorate | 6 | ug/L | 10/6/2010 | 48 | 21 | 10.69 | 51 |
| | | | | | | | | 1910062-012 | Perchlorate | 6 | ug/L | 11/3/2010 | 56 | 18 | 14.09 | 56 |
| | | | | | | | | 1910062-016 | Perchlorate | 6 | ug/L | 11/10/2010 | 56 | 18 | 13.70 | 56 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|--------------------------------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 1910062-018 | Perchlorate | 6 | ug/L | 8/11/2010 | 31 | 24 | 19.19 | 31 |
| | | | | | | | | 1910062-032 | Perchlorate | 6 | ug/L | 11/3/2010 | 38 | 15 | 8.12 | 45 |
| | | | | | | | | 1910062-039 | Perchlorate | 6 | ug/L | 10/6/2010 | 9 | 10 | 3.96 | 65 |
| | | | | | | | | 1910062-012 | Trichloroethylene (TCE) | 5 | ug/L | 11/3/2010 | 47 | 18 | 12.76 | 46 |
| | | | | | | | | 1910062-016 | Trichloroethylene (TCE) | 5 | ug/L | 11/10/2010 | 41 | 33 | 15.92 | 41 |
| LOS ANGELES | Commerce city | COMMERCE-CITY, WATER DEPT. | 1910050 | Undetermined | 1341 | 3 | 1 | 1910050-005 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 41 | 28 | 8.92 | 51 |
| | | | | | | | | 1910050-005 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 36 | 22 | 8.67 | 51 |
| LOS ANGELES | Downey city, Norwalk city, Santa Fe Springs city | GSWC - NORWALK | 1910098 | Undetermined | 31786 | 8 | 7 | 1910098-001 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 4/7/2009 | 5 | 7.7 | 2.73 | 51 |
| | | | | | | | | 1910098-002 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 9/8/2010 | 38 | 64 | 17.26 | 54 |
| | | | | | | | | 1910098-003 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 4/7/2009 | 55 | 33 | 10.98 | 86 |
| | | | | | | | | 1910098-004 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/2/2010 | 46 | 32 | 10.48 | 63 |
| | | | | | | | | 1910098-007 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 12/7/2010 | 8 | 10 | 2.64 | 58 |
| | | | | | | | | 1910098-007 | 1,2-Dichloroethane (1,2-DCA) | 0.5 | ug/L | 12/7/2010 | 13 | 1.2 | 0.55 | 28 |
| | | | | | | | | 1910098-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 4/7/2009 | 19 | 13 | 4.53 | 56 |
| | | | | | | | | 1910098-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/2/2010 | 2 | 8.4 | 1.57 | 30 |
| | | | | | | | | 1910098-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/7/2010 | 46 | 24 | 11.00 | 50 |
| | | | | | | | | 1910098-008 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/3/2009 | 14 | 14 | 9.18 | 18 |
| | | | | | | | | 1910098-009 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/7/2010 | 98 | 20 | 8.79 | 110 |
| | | | | | | | | 1910098-001 | Trichloroethylene (TCE) | 5 | ug/L | 4/7/2009 | 73 | 18 | 10.52 | 88 |
| | | | | | | | | 1910098-004 | Trichloroethylene (TCE) | 5 | ug/L | 11/2/2010 | 5 | 11 | 1.77 | 30 |
| | | | | | | | | 1910098-007 | Trichloroethylene (TCE) | 5 | ug/L | 12/7/2010 | 38 | 21 | 9.95 | 50 |
| | | | | | | | | 1910098-008 | Trichloroethylene (TCE) | 5 | ug/L | 11/3/2009 | 13 | 18 | 8.89 | 18 |
| | | | | | | | | 1910098-009 | Trichloroethylene (TCE) | 5 | ug/L | 12/7/2010 | 98 | 17 | 7.19 | 110 |
| LOS ANGELES | Lancaster city | WHITE FENCE FARMS MUTUAL WATER CO. | 1910249 | Undetermined | 1760 | 2 | 1 | 1910249-009 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 35 | 59 | 53.06 | 35 |
| LOS ANGELES | City of Lancaster | LANCASTER PARK MOBILE HOME PARK | 1900038 | 100% GW | 53 | 1 | 1 | 1900038-001 | Arsenic | 10 | ug/L | 10/6/2009 | 2 | 18 | 16.50 | 2 |
| LOS ANGELES | City of Lancaster | METTLER VALLEY MUTUAL | 1900100 | 100% GW | 200 | 2 | 1 | 1900100-001 | Arsenic | 10 | ug/L | 10/25/2010 | 12 | 15 | 13.57 | 12 |
| LOS ANGELES | City of Lancaster | MITCHELL S AVENUE E MOBILE HOME PARK | 1900785 | 100% GW | 35 | 1 | 1 | 1900785-001 | Arsenic | 10 | ug/L | 2/8/2010 | 8 | 24 | 20.26 | 7 |
| LOS ANGELES | City of Lancaster | WINTERHAVEN MOBILE ESTATES | 1900961 | 100% GW | 27 | 1 | 1 | 1900961-001 | Arsenic | 10 | ug/L | 9/20/2010 | 13 | 69 | 49.08 | 13 |
| LOS ANGELES | Lancaster city | AVERYDALE MWC | 1910023 | 100% GW | 1500 | 3 | 2 | 1910023-001 | Aluminum | 1000 | ug/L | 8/15/2008 | 2 | 3700 | 2333.33 | 3 |
| | | | | | | | | 1910023-004 | Arsenic | 10 | ug/L | 11/19/2005 | 3 | 22 | 9.03 | 7 |
| LOS ANGELES | Undetermined | SMITH S VILLAGE MOBILE HOME PARK | 1900520 | 100% GW | 75 | 1 | 1 | 1900520-001 | Arsenic | 10 | ug/L | 9/27/2010 | 34 | 62.2 | 46.05 | 32 |
| LOS ANGELES | City of San Dimas | SAN DIMAS CANYON IMPROVMENT ASSOCIATION | 1900064 | >50% GW Mixed | 125 | 1 | 1 | 1900064-001 | Fluoride | 2 | mg/L | 6/19/2002 | 2 | 2.44 | 2.16 | 3 |
| LOS ANGELES | Pomona city | POMONA - CITY, WATER DEPT. | 1910126 | >50% GW Mixed | 163408 | 33 | 1 | 1910126-053 | Arsenic | 10 | ug/L | 10/12/2005 | 4 | 18 | 6.31 | 28 |
| LOS ANGELES | Downey city, South Gate city | DOWNEY - CITY, WATER DEPT. | 1910034 | >50% GW Mixed | 113000 | 21 | 2 | 1910034-018 | Gross alpha particle activity | 15 | pCi/L | 5/14/2002 | 2 | 32.3 | 9.78 | 8 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------------------|------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| LOS ANGELES | El Monte city | ADAMS RANCH MUTUAL | 1900009 | Undetermined | 300 | 1 | 1 | 1900009-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/9/2010 | 4 | 6.2 | 3.17 | 31 |
| | | | | | | | | 1900009-003 | Trichloroethylene (TCE) | 5 | ug/L | 11/11/2010 | 26 | 18.5 | 9.04 | 29 |
| MADERA | Ahwahnee CDP | HILLVIEW WATER CO-GOLDSIDE-HIL | 2010014 | 100% GW | 927 | 8 | 1 | 2010014-010 | Gross alpha particle activity | 15 | pCi/L | 12/27/2007 | 3 | 30.5 | 19.47 | 6 |
| | | | | | | | | 2010014-010 | Uranium | 30 | ug/L | 1/18/2008 | 6 | 54 | 35.68 | 4 |
| MADERA | Chowchilla city | VALLEY STATE PRISON FOR WOMEN | 2010801 | 100% GW | 4000 | 2 | 2 | 2010801-001 | Arsenic | 10 | ug/L | 6/24/2010 | 8 | 14 | 10.88 | 13 |
| | | | | | | | | 2010801-002 | Arsenic | 10 | ug/L | 6/24/2010 | 10 | 14 | 10.03 | 15 |
| MADERA | Raymond | HILLVIEW WATER CO-RAYMOND | 2010012 | 100% GW | 243 | 5 | 4 | 2010012-002 | Arsenic | 10 | ug/L | 6/28/2005 | 2 | 12 | 12.00 | 2 |
| | | | | | | | | 2010012-007 | Arsenic | 10 | ug/L | 6/28/2005 | 2 | 14.4 | 14.20 | 2 |
| | | | | | | | | 2010012-010 | Gross alpha particle activity | 15 | pCi/L | 8/25/2008 | 2 | 44 | 42.15 | 2 |
| | | | | | | | | 2010012-006 | Nitrate (as NO3) | 45 | mg/L | 9/20/2010 | 12 | 63.3 | 39.82 | 46 |
| | | | | | | | | 2010012-010 | Uranium | 20 | pCi/L | 8/20/2009 | 3 | 45 | 41.90 | 3 |
| MADERA | Madera city | MADERA-CITY | 2010002 | 100% GW | 58178 | 19 | 1 | 2010002-022 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/27/2010 | 19 | 0.45 | 0.05 | 125 |
| | | | | | | | | 2010002-022 | Ethylene dibromide (EDB) | 0.05 | ug/L | 9/14/2010 | 150 | 0.75 | 0.11 | 126 |
| MADERA | Oakhurst CDP | HILLVIEW WC-OAKHURST/SIERRA LAKES | 2010007 | 100% GW | 3006 | 18 | 8 | 2010007-001 | Arsenic | 10 | ug/L | 3/18/2009 | 2 | 13 | 7.77 | 7 |
| | | | | | | | | 2010007-009 | Arsenic | 10 | ug/L | 8/27/2008 | 4 | 25 | 17.10 | 4 |
| | | | | | | | | 2010007-010 | Arsenic | 10 | ug/L | 8/27/2008 | 4 | 149 | 56.88 | 4 |
| | | | | | | | | 2010007-024 | Arsenic | 10 | ug/L | 12/22/2009 | 3 | 17.8 | 8.43 | 10 |
| | | | | | | | | 2010007-030 | Arsenic | 10 | ug/L | 9/22/2010 | 5 | 12.4 | 10.49 | 9 |
| | | | | | | | | 2010007-032 | Arsenic | 10 | ug/L | 6/23/2010 | 4 | 50.6 | 35.83 | 4 |
| | | | | | | | | 2010007-033 | Arsenic | 10 | ug/L | 8/27/2008 | 3 | 21.3 | 17.50 | 3 |
| | | | | | | | | 2010007-034 | Arsenic | 10 | ug/L | 8/27/2008 | 2 | 33.5 | 31.20 | 2 |
| | | | | | | | | 2010007-010 | Gross alpha particle activity | 15 | pCi/L | 8/27/2008 | 2 | 52.7 | 50.10 | 2 |
| | | | | | | | | 2010007-032 | Gross alpha particle activity | 15 | pCi/L | 9/16/2008 | 4 | 48 | 31.25 | 4 |
| | | | | | | | | 2010007-033 | Gross alpha particle activity | 15 | pCi/L | 9/16/2008 | 3 | 18 | 15.75 | 4 |
| | | | | | | | | 2010007-034 | Gross alpha particle activity | 15 | pCi/L | 9/16/2008 | 3 | 148 | 83.07 | 3 |
| | | | | | | | | 2010007-010 | Uranium | 20 | pCi/L | 7/26/2010 | 63 | 578 | 66.46 | 63 |
| | | | | | | | | 2010007-032 | Uranium | 20 | pCi/L | 6/23/2010 | 10 | 202 | 92.07 | 12 |
| MADERA | Bass Lake | BASS LAKE WATER COMPANY | 2010003 | Mixed <50%GW | 2800 | 3 | 1 | 2010003-001 | Gross alpha particle activity | 15 | pCi/L | 3/20/2008 | 25 | 166 | 100.6292 | 24 |
| | | | | | | | | 2010003-001 | Uranium | 20 | pCi/L | 7/6/2010 | 37 | 1000 | 153.53 | 35 |
| | | | | | | | | 2010003-001 | Uranium | 30 | ug/L | 10/4/2010 | 56 | 1600 | 301.37931 | 27 |
| MADERA | Ahwahnee CDP | MD#46 AHWAHNEE RESORTS | 2000293 | 100% GW | 300 | 6 | 5 | 2000293-003 | Arsenic | 10 | ug/L | 5/11/2010 | 8 | 14 | 10.99 | 11 |
| | | | | | | | | 2000293-001 | Gross alpha particle activity | 15 | pCi/L | 8/17/2010 | 6 | 29 | 18.98 | 8 |
| | | | | | | | | 2000293-004 | Gross alpha particle activity | 15 | pCi/L | 8/17/2010 | 8 | 32 | 25.89 | 7 |
| | | | | | | | | 2000293-005 | Gross alpha particle activity | 15 | pCi/L | 8/17/2010 | 4 | 44 | 18.20 | 8 |
| | | | | | | | | 2000293-006 | Gross alpha particle activity | 15 | pCi/L | 8/17/2010 | 6 | 27 | 19.08 | 8 |
| | | | | | | | | 2000293-001 | Uranium | 20 | pCi/L | 2/9/2010 | 2 | 27.3 | 18.30 | 7 |
| | | | | | | | | 2000293-004 | Uranium | 20 | pCi/L | 8/17/2010 | 7 | 33 | 29.40 | 6 |
| | | | | | | | | 2000293-005 | Uranium | 20 | pCi/L | 2/9/2010 | 2 | 39.2 | 20.31 | 7 |
| | | | | | | | | 2000293-006 | Uranium | 20 | pCi/L | 8/17/2010 | 4 | 24 | 20.54 | 7 |
| MADERA | Ahwahnee CDP | PIKE RANCH MUTUAL WATER CO | 2000526 | 100% GW | 75 | 1 | 1 | 2000526-002 | Gross alpha particle activity | 15 | pCi/L | 7/1/2010 | 16 | 244 | 100.02 | 16 |
| | | | | | | | | 2000526-002 | Uranium | 20 | pCi/L | 7/1/2010 | 7 | 191 | 87.03 | 8 |
| MADERA | City of Firebaugh | EAST ACRES MUTUAL WATER COMPANY | 2000512 | 100% GW | 250 | 2 | 2 | 2000512-001 | Arsenic | 10 | ug/L | 9/15/2010 | 9 | 34 | 22.72 | 10 |
| | | | | | | | | 2000512-003 | Arsenic | 10 | ug/L | 9/15/2010 | 5 | 25 | 12.63 | 10 |
| MADERA | City of Firebaugh | MAHAL APARTMENTS | 2000800 | 100% GW | 50 | 1 | 1 | 2000800-001 | Gross alpha particle activity | 15 | pCi/L | 2/16/2010 | 4 | 31 | 23.24 | 5 |
| | | | | | | | | 2000800-001 | Uranium | 30 | ug/L | 10/8/2007 | 6 | 35.3 | 31.40 | 4 |
| MADERA | Bonadelle Ranchos - Madera Ranchos | VALLEY TEEN RANCH | 2000785 | 100% GW | 50 | 1 | 1 | 2000785-002 | Arsenic | 10 | ug/L | 8/24/2010 | 11 | 146 | 74.31 | 12 |
| MADERA | City of Madera | MD#85 VALETA MUTUAL WATER COMPANY | 2000511 | 100% GW | 45 | 1 | 1 | 2000511-001 | Nitrate (as NO3) | 45 | mg/L | 5/4/2009 | 14 | 58.5 | 36.66 | 39 |
| MADERA | City of Madera | LEISURE ACRES MUTUAL WATER COMPANY | 2000534 | 100% GW | 45 | 1 | 1 | 2000534-001 | Arsenic | 10 | ug/L | 6/29/2009 | 3 | 14.9 | 9.73 | 10 |
| MADERA | City of Madera | CEDAR VALLEY MUTUAL WATER CO | 2000538 | 100% GW | 137 | 1 | 1 | 2000538-001 | Arsenic | 10 | ug/L | 1/5/2010 | 11 | 37.4 | 19.04 | 12 |
| MADERA | City of Madera | MD#06 LAKE SHORE | 2000550 | 100% GW | 130 | 3 | 2 | 2000550-001 | Arsenic | 10 | ug/L | 9/15/2010 | 20 | 301 | 84.65 | 21 |

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|----------|--------------------|-----------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | PARK | | | | | | 2000550-002 | Arsenic | 10 | ug/L | 9/15/2010 | 22 | 377 | 92.36 | 23 |
| | | | | | | | | 2000550-001 | Gross alpha particle activity | 15 | pCi/L | 1/13/2010 | 6 | 476 | 183.38 | 6 |
| | | | | | | | | 2000550-002 | Gross alpha particle activity | 15 | pCi/L | 1/13/2010 | 9 | 549 | 122.77 | 9 |
| | | | | | | | | 2000550-001 | Uranium | 20 | pCi/L | 1/13/2010 | 2 | 102 | 75.50 | 2 |
| | | | | | | | | 2000550-002 | Uranium | 20 | pCi/L | 1/13/2010 | 3 | 157 | 109.67 | 3 |
| MADERA | City of Madera | MD#07 MARINA VIEW HEIGHTS | 2000551 | 100% GW | 200 | 2 | 2 | 2000551-002 | Arsenic | 10 | ug/L | 7/21/2010 | 11 | 18.4 | 12.41 | 14 |
| | | | | | | | | 2000551-001 | Gross alpha particle activity | 15 | pCi/L | 1/13/2010 | 6 | 317 | 132.00 | 7 |
| | | | | | | | | 2000551-002 | Gross alpha particle activity | 15 | pCi/L | 1/13/2010 | 6 | 161 | 72.42 | 6 |
| | | | | | | | | 2000551-001 | Uranium | 30 | ug/L | 11/29/2007 | 10 | 407 | 207.90 | 5 |
| | | | | | | | | 2000551-002 | Uranium | 20 | pCi/L | 1/13/2010 | 2 | 57 | 52.50 | 2 |
| MADERA | City of Madera | MD#08 NORTH FORK WATER SYSTEM | 2000561 | 100% GW | 264 | 1 | 1 | 2000561-001 | Arsenic | 10 | ug/L | 1/13/2010 | 11 | 15.4 | 12.84 | 11 |
| MADERA | City of Madera | MAMMOTH POOL MOBILE HOME PARK | 2000589 | 100% GW | 60 | 4 | 3 | 2000589-001 | Gross alpha particle activity | 15 | pCi/L | 8/11/2008 | 2 | 26 | 17.48 | 4 |
| | | | | | | | | 2000589-003 | Gross alpha particle activity | 15 | pCi/L | 8/11/2008 | 2 | 18 | 13.80 | 4 |
| | | | | | | | | 2000589-004 | Gross alpha particle activity | 15 | pCi/L | 8/11/2008 | 2 | 19 | 13.82 | 5 |
| MADERA | City of Madera | MD#42 STILL MEADOW | 2000737 | 100% GW | 100 | 2 | 2 | 2000737-001 | Arsenic | 10 | ug/L | 1/12/2010 | 12 | 21.7 | 17.66 | 12 |
| | | | | | | | | 2000737-002 | Arsenic | 10 | ug/L | 1/12/2010 | 12 | 28.7 | 22.57 | 12 |
| | | | | | | | | 2000737-001 | Gross alpha particle activity | 15 | pCi/L | 8/17/2010 | 15 | 44 | 28.27 | 15 |
| | | | | | | | | 2000737-002 | Gross alpha particle activity | 15 | pCi/L | 2/25/2008 | 2 | 16.3 | 12.41 | 8 |
| | | | | | | | | 2000737-001 | Uranium | 20 | pCi/L | 8/17/2010 | 8 | 37.7 | 30.10 | 9 |
| MADERA | City of North Fork | BASS LAKE ANNEX #3 | 2000501 | 100% GW | 42 | 1 | 1 | 2000501-004 | Gross alpha particle activity | 15 | pCi/L | 3/25/2009 | 4 | 80.5 | 33.86 | 7 |
| | | | | | | | | 2000501-004 | Uranium | 20 | ug/L | 6/2/2010 | 6 | 112 | 45.80 | 9 |
| MADERA | City of North Fork | SIERRA LINDA MUTUAL WATER CO | 2000506 | 100% GW | 180 | 3 | 2 | 2000506-002 | Arsenic | 10 | ug/L | 9/19/2010 | 9 | 34.5 | 28.66 | 10 |
| | | | | | | | | 2000506-006 | Arsenic | 10 | ug/L | 3/14/2010 | 2 | 11.6 | 8.97 | 6 |
| | | | | | | | | 2000506-002 | Gross alpha particle activity | 15 | pCi/L | 3/14/2010 | 5 | 121 | 75.78 | 6 |
| | | | | | | | | 2000506-006 | Gross alpha particle activity | 15 | pCi/L | 6/6/2010 | 4 | 423 | 237.75 | 4 |
| | | | | | | | | 2000506-002 | Uranium | 20 | ug/L | 3/14/2010 | 2 | 102 | 76.40 | 2 |
| MADERA | City of North Fork | TWO TWENTY FOUR MOBILE HOME PK | 2000592 | 100% GW | 30 | 1 | 1 | 2000592-001 | Gross alpha particle activity | 15 | pCi/L | 8/20/2010 | 4 | 377 | 128.40 | 5 |
| | | | | | | | | 2000592-001 | Uranium | 20 | pCi/L | 8/20/2010 | 2 | 393 | 309.00 | 2 |
| MADERA | Oakhurst CDP | BASS LAKE HEIGHTS MUTUAL WATER | 2000502 | 100% GW | 250 | 3 | 3 | 2000502-001 | Arsenic | 10 | ug/L | 6/10/2010 | 7 | 31 | 21.51 | 7 |
| | | | | | | | | 2000502-002 | Arsenic | 10 | ug/L | 6/10/2010 | 8 | 30 | 19.28 | 9 |
| | | | | | | | | 2000502-003 | Arsenic | 10 | ug/L | 6/10/2010 | 6 | 21 | 19.18 | 6 |
| MADERA | Oakhurst CDP | SKY ACRES MUTUAL WATER CORP | 2000524 | 100% GW | 90 | 3 | 1 | 2000524-003 | Arsenic | 10 | ug/L | 5/6/2010 | 2 | 14.9 | 8.96 | 5 |
| MADERA | Oakhurst CDP | YOSEMITE FORKS ESTATES MUTUAL WTR | 2000527 | 100% GW | 110 | 4 | 1 | 2000527-001 | Arsenic | 10 | ug/L | 3/12/2010 | 3 | 18 | 17.00 | 3 |
| MADERA | Oakhurst CDP | SUGAR PINE HOMEOWNERS ASSOC | 2000533 | 100% GW | 120 | 2 | 1 | 2000533-001 | Gross alpha particle activity | 15 | pCi/L | 6/12/2007 | 2 | 18 | 13.38 | 8 |
| MADERA | Oakhurst CDP | ECCO | 2000688 | 100% GW | 100 | 3 | 1 | 2000688-006 | Arsenic | 10 | ug/L | 8/3/2010 | 4 | 17 | 14.36 | 5 |
| MADERA | Oakhurst CDP | HILLVIEW WC-OAKHURST/SIERRA LAKES | 2010007 | 100% GW | 3006 | 18 | 3 | 2010007-007 | Arsenic | 10 | ug/L | 8/27/2008 | 4 | 21.9 | 17.48 | 4 |
| | | | | | | | | 2010007-012 | Arsenic | 10 | ug/L | 8/27/2008 | 4 | 92.4 | 40.35 | 4 |
| | | | | | | | | 2010007-012 | Gross alpha particle activity | 15 | pCi/L | 7/23/2007 | 2 | 48.5 | 38.75 | 2 |
| | | | | | | | | 2010007-017 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/18/2010 | 3 | 18 | 12.88 | 3 |
| MADERA | Ahwahnee CDP | MD#43 MIAMI CREEK KNOLLS | 2000557 | >50% GW Mixed | 100 | 3 | 1 | 2000557-003 | Nitrate (as NO3) | 45 | mg/L | 5/15/2007 | 2 | 67.7 | 38.48 | 9 |
| MADERA | City of Madera | MD#24 TEAFORD MEADOW LAKES | 2000552 | >50% GW Mixed | 150 | 3 | 1 | 2000552-002 | Arsenic | 10 | ug/L | 9/15/2010 | 3 | 46.7 | 10.87 | 11 |
| MADERA | Oakhurst CDP | OAKHURST MOBILE HOME ESTATES | 2000593 | >50% GW Mixed | 114 | 3 | 1 | 2000593-001 | Gross alpha particle activity | 15 | pCi/L | 11/18/2009 | 7 | 28.5 | 16.20 | 11 |
| | | | | | | | | 2000593-001 | Uranium | 20 | pCi/L | 11/18/2009 | 6 | 30 | 13.43 | 12 |
| MARIN | City of Novato | NPS PRNS - BEACHES | 2110502 | 100% GW | 55 | 1 | 1 | 2110502-001 | Total Trihalomethanes | 80 | ug/L | 5/9/2006 | 2 | 117 | 67.33 | 3 |
| MARIN | Nicasio CDP | NICASIO VALLEY RANCH MUTUAL | 2100579 | >50% GW Mixed | 51 | 2 | 1 | 2100579-001 | Arsenic | 10 | ug/L | 12/30/2009 | 6 | 81 | 32.89 | 11 |
| MARIPOSA | City of Mariposa | PONDEROSA BASIN MUTUAL WTR CO | 2210002 | 100% GW | 665 | 6 | 1 | 2210002-008 | Gross alpha particle activity | 15 | pCi/L | 9/2/2008 | 2 | 20 | 12.10 | 4 |
| MARIPOSA | Fish Camp CDP | FISHCAMP MUTUAL WATER COMPANY | 2210903 | 100% GW | 200 | 4 | 2 | 2210903-002 | Gross alpha particle activity | 15 | pCi/L | 9/21/2004 | 3 | 24.8 | 11.18 | 8 |
| | | | | | | | | 2210903-003 | Gross alpha particle activity | 15 | pCi/L | 9/14/2010 | 7 | 31.2 | 20.83 | 8 |

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|-----------|--------------------|------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| MENDOCINO | Laytonville CDP | LAYTONVILLE COUNTY WATER DISTRICT | 2310011 | 100% GW | 1301 | 2 | 2 | 2310011-001 | Arsenic | 10 | ug/L | 2/4/2010 | 85 | 68 | 55.45 | 84 |
| | | | | | | | | 2310011-006 | Arsenic | 10 | ug/L | 3/4/2010 | 20 | 73 | 61.90 | 20 |
| MERCED | City of Merced | MCHA Los Banos Center - CLOSED | 2400108 | 100% GW | 270 | 1 | 1 | 2400108-001 | Arsenic | 10 | ug/L | 7/24/2008 | 6 | 16.4 | 13.95 | 6 |
| | | | | | | | | 2400108-001 | Fluoride | 2 | mg/L | 1/30/2003 | 3 | 2.4 | 1.01 | 5 |
| | | | | | | | | 2400108-001 | Gross alpha particle activity | 15 | pCi/L | 4/17/2008 | 5 | 58.3 | 30.20 | 5 |
| | | | | | | | | 2400108-001 | Uranium | 30 | ug/L | 4/17/2008 | 6 | 85.6 | 67.67 | 3 |
| MERCED | Atwater city | ATWATER, CITY OF | 2410001 | 100% GW | 28100 | 10 | 1 | 2410001-009 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/26/2009 | 20 | 0.55 | 0.18 | 61 |
| MERCED | Franklin CDP | MEADOWBROOK WC | 2410008 | 100% GW | 4400 | 3 | 1 | 2410008-010 | Gross alpha particle activity | 15 | pCi/L | 9/16/2008 | 2 | 16 | 12.20 | 5 |
| MERCED | Hilmar-Irwin CDP | HILMAR COUNTY WATER DISTRICT | 2410012 | 100% GW | 4850 | 3 | 1 | 2410012-006 | Arsenic | 10 | ug/L | 10/21/2010 | 27 | 16.6 | 11.47 | 34 |
| MERCED | Livingston city | LIVINGSTON-CITY | 2410004 | 100% GW | 13940 | 8 | 2 | 2410004-013 | Arsenic | 10 | ug/L | 7/14/2009 | 2 | 11 | 8.45 | 4 |
| | | | | | | | | 2410004-025 | Arsenic | 10 | ug/L | 11/2/2010 | 7 | 36 | 31.14 | 7 |
| MERCED | Los Banos city | LOS BANOS-CITY | 2410005 | 100% GW | 36198 | 12 | 1 | 2410005-007 | Gross alpha particle activity | 15 | pCi/L | 11/2/2005 | 2 | 15.4 | 12.54 | 7 |
| MERCED | Merced city | MERCED, CITY OF | 2410009 | 100% GW | 80095 | 23 | 3 | 2410009-023 | Arsenic | 10 | ug/L | 9/30/2010 | 27 | 12 | 9.32 | 92 |
| | | | | | | | | 2410009-013 | Nitrate (as NO3) | 45 | mg/L | 11/12/2010 | 41 | 54 | 40.91 | 130 |
| | | | | | | | | 2410009-014 | Nitrate (as NO3) | 45 | mg/L | 11/12/2010 | 16 | 62 | 40.15 | 41 |
| | | | | | | | | 2400172-001 | Arsenic | 10 | ug/L | 1/22/2009 | 7 | 45.7 | 24.53 | 7 |
| MERCED | City of Merced | John Latorraca Correction Center | 2400172 | 100% GW | 800 | 3 | 3 | 2400172-002 | Arsenic | 10 | ug/L | 1/22/2009 | 7 | 23 | 16.97 | 7 |
| | | | | | | | | 2400172-012 | Arsenic | 10 | ug/L | 11/6/2007 | 7 | 52 | 44.30 | 7 |
| | | | | | | | | 2400053-003 | Arsenic | 10 | ug/L | 9/2/2010 | 20 | 70 | 41.95 | 26 |
| | | | | | | | | 2400053-013 | Arsenic | 10 | ug/L | 5/27/2010 | 7 | 65.7 | 55.96 | 7 |
| MERCED | El Nido CDP | El Nido Mobile Home Park | 2400053 | 100% GW | 250 | 2 | 3 | 2400053-014 | Arsenic | 10 | ug/L | 10/28/2010 | 45 | 65 | 36.51 | 44 |
| | | | | | | | | 2400053-003 | Nitrate (as NO3) | 45 | mg/L | 3/29/2004 | 2 | 46.6 | 23.78 | 6 |
| | | | | | | | | 2410011-005 | Arsenic | 10 | ug/L | 3/25/2010 | 5 | 16.1 | 10.38 | 10 |
| | | | | | | | | 2610003-002 | Arsenic | 10 | ug/L | 1/5/2010 | 5 | 35 | 25.27 | 6 |
| MONO | Bridgeport CDP | BRIDGEPORT PUD | 2610003 | 100% GW | 300 | 3 | 3 | 2610003-003 | Arsenic | 10 | ug/L | 1/5/2010 | 6 | 28 | 14.64 | 6 |
| | | | | | | | | 2610003-004 | Arsenic | 10 | ug/L | 1/5/2010 | 5 | 28 | 25.00 | 5 |
| | | | | | | | | 2610701-001 | Arsenic | 10 | ug/L | 3/2/2010 | 21 | 43 | 32.24 | 20 |
| MONO | Coleville CDP | USMC HOUSING - COLEVILLE | 2610701 | 100% GW | 367 | 3 | 3 | 2610701-004 | Arsenic | 10 | ug/L | 3/2/2010 | 21 | 33 | 28.43 | 20 |
| | | | | | | | | 2610701-005 | Arsenic | 10 | ug/L | 3/21/2010 | 9 | 96 | 84.10 | 10 |
| | | | | | | | | 2610701-005 | Fluoride | 2 | mg/L | 3/21/2010 | 9 | 3 | 2.51 | 9 |
| | | | | | | | | 2610001-007 | Arsenic | 10 | ug/L | 11/2/2010 | 90 | 150 | 38.11 | 92 |
| | | | | | | | | 2610001-009 | Arsenic | 10 | ug/L | 11/2/2010 | 71 | 37 | 17.06 | 73 |
| MONO | Mammoth Lakes town | MAMMOTH CWD | 2610001 | >50% GW Mixed | 8214 | 9 | 7 | 2610001-015 | Arsenic | 10 | ug/L | 11/2/2010 | 53 | 18 | 12.21 | 72 |
| | | | | | | | | 2610001-016 | Arsenic | 10 | ug/L | 11/2/2010 | 52 | 49 | 22.67 | 54 |
| | | | | | | | | 2610001-017 | Arsenic | 10 | ug/L | 10/13/2010 | 61 | 88 | 27.15 | 61 |
| | | | | | | | | 2610001-018 | Arsenic | 10 | ug/L | 9/22/2009 | 17 | 33 | 10.36 | 48 |
| | | | | | | | | 2610001-019 | Arsenic | 10 | ug/L | 11/2/2010 | 65 | 170 | 93.49 | 65 |
| | | | | | | | | 2600546-001 | Gross alpha particle activity | 15 | pCi/L | 10/6/2008 | 6 | 22.5 | 18.38 | 6 |
| | | | | | | | | 2600546-001 | Uranium | 20 | pCi/L | 4/4/2005 | 4 | 27.4 | 22.05 | 6 |
| MONO | Crowley Lake CDP | MOUNTAIN MEADOWS MWC | 2600620 | 100% GW | 225 | 4 | 3 | 2600620-001 | Gross alpha particle activity | 15 | pCi/L | 7/24/2009 | 4 | 30.4 | 25.06 | 5 |
| | | | | | | | | 2600620-004 | Gross alpha particle activity | 15 | pCi/L | 7/24/2009 | 3 | 42.3 | 38.47 | 3 |
| | | | | | | | | 2600620-001 | Uranium | 20 | pCi/L | 8/25/2010 | 6 | 41 | 28.83 | 7 |
| | | | | | | | | 2600620-003 | Uranium | 20 | pCi/L | 8/25/2010 | 2 | 40.4 | 12.28 | 7 |
| | | | | | | | | 2600620-004 | Uranium | 20 | pCi/L | 5/26/2010 | 5 | 40.5 | 29.13 | 6 |
| MONTEREY | Ambler Park CDP | CAL AM WATER COMPANY - AMBLER PARK | 2710006 | 100% GW | 960 | 3 | 3 | 2710006-004 | Arsenic | 10 | ug/L | 10/4/2010 | 49 | 20 | 11.90 | 67 |
| | | | | | | | | 2710006-005 | Arsenic | 10 | ug/L | 11/1/2010 | 100 | 50 | 26.11 | 99 |
| | | | | | | | | 2710006-006 | Arsenic | 10 | ug/L | 11/1/2010 | 67 | 113 | 35.40 | 67 |
| | | | | | | | | 2710021-003 | Arsenic | 10 | ug/L | 11/1/2010 | 20 | 22 | 13.71 | 24 |
| MONTEREY | Toro CDP | CAL AM WATER COMPANY - TORO | 2710021 | 100% GW | 1296 | 2 | 2 | 2710021-004 | Arsenic | 10 | ug/L | 11/1/2010 | 23 | 17 | 14.26 | 23 |
| | | | | | | | | 2710010-028 | Gross alpha particle activity | 15 | pCi/L | 5/28/2009 | 4 | 20 | 10.13 | 23 |
| MONTEREY | Salinas city | CWSC SALINAS | 2710010 | 100% GW | 114840 | 32 | 7 | 2710010-010 | Methyl tertiary butyl ether (MTBE) | 13 | ug/L | 11/18/2010 | 172 | 284.96 | 23.00 | 312 |
| | | | | | | | | 2710010-006 | Nitrate (as NO3) | 45 | mg/L | 7/13/2010 | 55 | 58 | 44.65 | 120 |
| | | | | | | | | 2710010-018 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 9 | 70 | 40.86 | 124 |
| | | | | | | | | 2710010-019 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 81 | 88.367 | 58.86 | 93 |
| | | | | | | | | 2710010-029 | Nitrate (as NO3) | 45 | mg/L | 9/13/2010 | 11 | 53.834 | 32.22 | 46 |

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|----------|-------------------------------------------------------------------------------------------------|---------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| MONTEREY | Soledad city | SALINAS VALLEY STATE PRISON | 2710851 | 100% GW | 6585 | 2 | 2 | 2710010-039 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 92 | 72.37 | 57.51 | 91 |
| | | | | | | | | 2710851-002 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 15 | 59 | 39.95 | 101 |
| | | | | | | | | 2710851-004 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 24 | 72 | 52.49 | 36 |
| MONTEREY | Spreckels CDP | TASCO SPRECKELS WATER COMPANY | 2710023 | 100% GW | 660 | 2 | 1 | 2710023-005 | Gross alpha particle activity | 15 | pCi/L | 12/17/2008 | 3 | 27.2 | 15.19 | 6 |
| MONTEREY | Carmel Valley Village CDP, Del Monte Forest CDP, Sand City city, Seaside city | CAL AM WATER COMPANY - MONTEREY | 2710004 | >50% GW Mixed | 122492 | 25 | 1 | 2710004-050 | Arsenic | 10 | ug/L | 9/14/2010 | 18 | 18 | 12.84 | 19 |
| MONTEREY | City of Salinas | CORRAL DE TIERRA ESTATES WC | 2700536 | 100% GW | 45 | 1 | 1 | 2700536-004 | Arsenic | 10 | ug/L | 3/2/2009 | 9 | 86 | 68.44 | 9 |
| MONTEREY | City of Salinas | LAGUNA SECA WC | 2700612 | 100% GW | 162 | 1 | 1 | 2700612-003 | Arsenic | 10 | ug/L | 8/8/2006 | 4 | 14 | 11.40 | 5 |
| MONTEREY | City of Salinas | IVERSON & JACKS APTS WS | 2701068 | 100% GW | 150 | 1 | 1 | 2701068-001 | Nitrate (as NO3) | 45 | mg/L | 5/25/2010 | 3 | 82 | 69.33 | 3 |
| MONTEREY | Gonzales city | RIVER RD WS #25 | 2701063 | 100% GW | 65 | 1 | 1 | 2701063-001 | Nitrate (as NO3) | 45 | mg/L | 1/25/2010 | 3 | 167 | 110.33 | 3 |
| MONTEREY | Greenfield city | APPLE AVE WS #03 | 2701036 | 100% GW | 60 | 1 | 1 | 2701036-001 | Nitrate (as NO3) | 45 | mg/L | 6/6/2005 | 5 | 50 | 44.18 | 11 |
| MONTEREY | Prunedale CDP | COLONIAL OAKS WC | 2700534 | 100% GW | 198 | 4 | 2 | 2700534-003 | Nitrate (as NO3) | 45 | mg/L | 5/3/2010 | 6 | 51 | 44.33 | 18 |
| | | | | | | | | 2700534-004 | Nitrate (as NO3) | 45 | mg/L | 8/5/2010 | 8 | 66 | 45.72 | 18 |
| MONTEREY | Prunedale CDP | MORO COJO MWA | 2700656 | 100% GW | 67 | 2 | 1 | 2700656-007 | Nitrate (as NO3) | 45 | mg/L | 7/20/2010 | 4 | 54 | 48.17 | 6 |
| MONTEREY | Prunedale CDP | OAK HEIGHTS W & R CO INC | 2700665 | 100% GW | 105 | 3 | 1 | 2700665-003 | Nitrate (as NO3) | 45 | mg/L | 1/15/2008 | 8 | 80 | 39.32 | 19 |
| MONTEREY | Prunedale CDP | PRUNEDALE MWC | 2700702 | 100% GW | 252 | 4 | 4 | 2700702-001 | Arsenic | 10 | ug/L | 12/10/2004 | 2 | 12 | 8.02 | 9 |
| | | | | | | | | 2700702-002 | Arsenic | 10 | ug/L | 12/28/2009 | 8 | 19 | 15.50 | 8 |
| | | | | | | | | 2700702-003 | Arsenic | 10 | ug/L | 12/26/2009 | 8 | 62 | 49.38 | 8 |
| | | | | | | | | 2700702-004 | Arsenic | 10 | ug/L | 12/26/2009 | 7 | 68 | 53.71 | 7 |
| MONTEREY | Prunedale CDP | SAN MIGUEL WS #01 | 2700738 | 100% GW | 100 | 2 | 2 | 2700738-001 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 5 | 59 | 42.64 | 11 |
| | | | | | | | | 2700738-002 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 4 | 56 | 41.30 | 10 |
| MONTEREY | Prunedale CDP | MORO RD WS #09 | 2701926 | 100% GW | 210 | 3 | 2 | 2701926-003 | Arsenic | 10 | ug/L | 7/1/2010 | 8 | 25 | 10.32 | 16 |
| | | | | | | | | 2701926-002 | Nitrate (as NO3) | 45 | mg/L | 4/1/2010 | 6 | 48 | 45.00 | 8 |
| NAPA | City of Calistoga | CALISTOGA FARM WORKER CENTER | 2800039 | 100% GW | 25 | 1 | 1 | 2800039-001 | Arsenic | 10 | ug/L | 12/1/2010 | 20 | 120 | 88.95 | 21 |
| NAPA | City of Calistoga | TUCKER ACRES MUTUAL WATER CO. | 2800516 | 100% GW | 200 | 1 | 1 | 2800516-002 | Arsenic | 10 | ug/L | 3/31/2009 | 3 | 27 | 13.88 | 9 |
| NEVADA | City of Truckee | TRUCKEE-DONNER PUD - HIRSCHDALE | 2910010 | 100% GW | 48 | 1 | 1 | 2910010-001 | Arsenic | 10 | ug/L | 11/4/2010 | 37 | 100 | 43.24 | 37 |
| NEVADA | Truckee town | TRUCKEE-DONNER PUD, MAIN | 2910003 | 100% GW | 14300 | 12 | 3 | 2910003-005 | Arsenic | 10 | ug/L | 9/9/2009 | 7 | 53 | 17.35 | 16 |
| | | | | 100% GW | | | | 2910003-007 | Arsenic | 10 | ug/L | 6/15/2009 | 2 | 16 | 11.20 | 6 |
| | | | | 100% GW | | | | 2910003-012 | Arsenic | 10 | ug/L | 4/27/2005 | 2 | 13 | 11.60 | 3 |
| NEVADA | Kingvale CDP | PLAVADA COMMUNITY ASSOCIATION | 2910011 | 100% GW | 300 | 3 | 2 | 2910011-006 | Arsenic | 10 | ug/L | 9/20/2010 | 12 | 28.6 | 16.88 | 12 |
| | | | | | | | | 2910011-007 | Arsenic | 10 | ug/L | 9/20/2010 | 11 | 41.5 | 32.68 | 11 |
| ORANGE | Anaheim city, Fullerton city | CITY OF FULLERTON | 3010010 | >50% GW Mixed | 137367 | 11 | 1 | 3010010-012 | Trichloroethylene (TCE) | 5 | ug/L | 2/3/2004 | 12 | 6.7 | 3.36 | 67 |
| ORANGE | Garden Grove city, Newport Beach city, Orange city, Placentia city, Santa Ana city, Tustin city | CITY OF SANTA ANA | 3010038 | >50% GW Mixed | 353428 | 20 | 1 | 3010038-019 | Nitrate (as NO3) | 45 | mg/L | 9/17/2003 | 3 | 48.05 | 29.86 | 106 |
| ORANGE | Irvine city, Lake Forest city, Orange city, Santa Ana city, Tustin city | IRVINE RANCH WATER DISTRICT | 3010092 | >50% GW Mixed | 316000 | 27 | 2 | 3010092-058 | Gross alpha particle activity | 15 | pCi/L | 5/12/2008 | 2 | 17.8 | 11.83 | 13 |
| | | | | | | | | 3010092-015 | Perchlorate | 6 | ug/L | 1/14/2010 | 8 | 7.9 | 1.90 | 37 |
| | | | | | | | | 3010092-015 | Tetrachloroethylene (PCE) | 5 | ug/L | 2/12/2003 | 2 | 5.5 | 1.49 | 47 |
| ORANGE | North Tustin CDP, Orange city, Tustin city | CITY OF TUSTIN | 3010046 | >50% GW Mixed | 62100 | 12 | 5 | 3010046-002 | Nitrate (as NO3) | 45 | mg/L | 8/6/2003 | 2 | 47.92 | 35.15 | 33 |
| | | | | | | | | 3010046-008 | Nitrate (as NO3) | 45 | mg/L | 5/19/2010 | 33 | 76.4 | 59.92 | 34 |
| | | | | | | | | 3010046-009 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 32 | 98.04 | 76.68 | 32 |
| | | | | | | | | 3010046-017 | Nitrate (as NO3) | 45 | mg/L | 2/21/2007 | 6 | 50.85 | 34.02 | 32 |
| | | | | | | | | 3010046-022 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 32 | 80.8 | 58.99 | 35 |
| | | | | | | | | 3010046-009 | Perchlorate | 6 | ug/L | 11/17/2010 | 26 | 10.6 | 7.10 | 35 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-----------|------------------------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3010046-022 | Perchlorate | 6 | ug/L | 2/11/2010 | 13 | 8 | 4.40 | 37 |
| ORANGE | West Orange | GOLDEN STATE WC - WEST ORANGE | 3010022 | Mixed <50%GW | 108995 | 20 | 1 | 3010022-022 | Perchlorate | 6 | ug/L | 8/4/2004 | 5 | 7.9 | 5.12941176 | 5 |
| ORANGE | Yorba Linda | YORBA LINDA WATER DISTRICT | 3010037 | Mixed <50%GW | 77513 | 10 | 1 | 3010037-001 | Arsenic | 10 | ug/L | 9/1/2010 | 32 | 83 | 11.7859649 | 29 |
| ORANGE | Yorba Linda | GOLDEN STATE WC - YORBA LINDA | 3010070 | Mixed <50%GW | 5742 | 2 | 1 | 3010070-003 | Gross alpha particle activity | 15 | pCi/L | 1/25/2010 | 17 | 26.8 | 23.3647059 | 17 |
| | | | | | | | | 3010070-003 | Uranium | 20 | pCi/L | 1/25/2010 | 88 | 29 | 23.5248936 | 86 |
| | | | | | | | | 3010070-003 | Uranium | 30 | pCi/L | 6/7/2010 | 114 | 43 | 32.5373134 | 67 |
| ORANGE | Fountain Valley city, Newport Beach city | CITY OF NEWPORT BEACH | 3010023 | Undetermined | 84218 | 4 | 1 | 3010023-005 | Gross alpha particle activity | 15 | pCi/L | 2/28/2007 | 3 | 15.7 | 13.25 | 14 |
| ORANGE | Fullerton city | PAGE AVENUE MUTUAL WATER COMPANY | 3000585 | 100% GW | 104 | 1 | 1 | 3000585-001 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 5/3/2010 | 3 | 6.3 | 3.03 | 44 |
| | | | | | | | | 3000585-001 | Perchlorate | 6 | ug/L | 10/1/2007 | 5 | 9.1 | 4.21 | 35 |
| ORANGE | Huntington Beach city | LIBERTY PARK WATER ASSOCIATION | 3000618 | 100% GW | 100 | 1 | 1 | 3000618-001 | Gross alpha particle activity | 15 | pCi/L | 3/14/2003 | 5 | 18.7 | 13.08 | 15 |
| ORANGE | Santa Ana city | CATALINA STREET PUMP OWNERS | 3000662 | 100% GW | 150 | 1 | 1 | 3000662-001 | Gross alpha particle activity | 15 | pCi/L | 4/5/2010 | 25 | 26.8 | 22.26 | 26 |
| | | | | | | | | 3000662-001 | Uranium | 20 | pCi/L | 4/5/2010 | 24 | 25.8 | 21.70 | 26 |
| ORANGE | Santa Ana city | DIAMOND PARK MUTUAL WATER CO. | 3000663 | 100% GW | 200 | 1 | 1 | 3000663-001 | Nitrate (as NO3) | 45 | mg/L | 10/4/2010 | 19 | 49.9 | 39.17 | 61 |
| ORANGE | Stanton city | HYNES ESTATES MUTUAL WATER CO. | 3000519 | 100% GW | 120 | 2 | 1 | 3000519-001 | Gross alpha particle activity | 15 | pCi/L | 10/5/2009 | 7 | 17.8 | 14.98 | 17 |
| PLACER | Tahoma CDP | TAHOMA MEADOWS MUTUAL WATER COMPANY | 3100033 | 100% GW | 120 | 1 | 1 | 3100033-001 | Arsenic | 10 | ug/L | 10/5/2010 | 24 | 246 | 37.95 | 19 |
| PLACER | Lake Forest | LAKE FOREST UTILITY COMPANY | 3110032 | Mixed <50%GW | 50 | 1 | 1 | 3110032-004 | Arsenic | 10 | ug/L | 3/19/2007 | 2 | 21 | 14.3333333 | 2 |
| PLUMAS | Crescent Mills CDP | IVCSD - Crescent Mills | 3200510 | 100% GW | 258 | 2 | 1 | 3200510-001 | Arsenic | 10 | ug/L | 2/2/2010 | 2 | 12 | 6.60 | 6 |
| PLUMAS | Beckwourth CDP, Portola city | CITY OF PORTOLA | 3210003 | 100% GW | 2500 | 4 | 2 | 3210003-005 | Arsenic | 10 | ug/L | 7/6/2010 | 12 | 31 | 13.89 | 20 |
| | | | | | | | | 3210003-006 | Arsenic | 10 | ug/L | 7/6/2010 | 6 | 25 | 8.27 | 20 |
| PLUMAS | Delleker CDP | GRIZZLY LAKE RID-DELLEKER | 3200104 | 100% GW | 657 | 3 | 2 | 3200104-002 | Gross alpha particle activity | 15 | pCi/L | 1/4/2010 | 8 | 32 | 17.45 | 13 |
| | | | | | | | | 3200104-003 | Gross alpha particle activity | 15 | pCi/L | 4/13/2010 | 8 | 39.3 | 18.75 | 12 |
| | | | | | | | | 3200104-002 | Uranium | 20 | pCi/L | 7/27/2010 | 4 | 36.9 | 16.64 | 17 |
| | | | | | | | | 3200104-003 | Uranium | 20 | pCi/L | 1/4/2010 | 7 | 31.4 | 16.38 | 16 |
| PLUMAS | Gold Mountain CDP | GOLD MOUNTAIN CSD | 3205003 | 100% GW | 100 | 2 | 1 | 3205003-002 | Gross alpha particle activity | 15 | pCi/L | 2/2/2009 | 5 | 23 | 20.52 | 5 |
| PLUMAS | Undetermined | GRIZZLY RANCH CSD | 3205006 | 100% GW | 25 | 2 | 1 | 3205006-001 | Arsenic | 10 | ug/L | 9/14/2010 | 21 | 83 | 43.32 | 22 |
| RIVERSIDE | City of Lake Elsinore | Ortega Oaks RV Park&Campground | 3301482 | 100% GW | 25 | 2 | 1 | 3301482-001 | Arsenic | 10 | ug/L | 9/29/2010 | 5 | 14 | 13.40 | 5 |
| RIVERSIDE | Blythe city | CHUCKAWALLA VALLEY/IRONWOOD STATE PRISON | 3310802 | 100% GW | 7370 | 6 | 4 | 3310802-001 | Arsenic | 10 | ug/L | 11/2/2010 | 45 | 39 | 33.91 | 44 |
| | | | | | | | | 3310802-002 | Arsenic | 10 | ug/L | 11/9/2010 | 36 | 38 | 34.33 | 36 |
| | | | | | | | | 3310802-003 | Arsenic | 10 | ug/L | 7/20/2010 | 4 | 51 | 30.40 | 5 |
| | | | | | | | | 3310802-006 | Arsenic | 10 | ug/L | 12/7/2010 | 29 | 39 | 35.03 | 29 |
| | | | | | | | | 3310802-001 | Fluoride | 2 | mg/L | 11/2/2010 | 42 | 10.8 | 8.56 | 41 |
| | | | | | | | | 3310802-002 | Fluoride | 2 | mg/L | 11/9/2010 | 36 | 14.2 | 7.99 | 36 |
| | | | | | | | | 3310802-003 | Fluoride | 2 | mg/L | 7/20/2010 | 4 | 9.3 | 8.33 | 4 |
| | | | | | | | | 3310802-006 | Fluoride | 2 | mg/L | 12/7/2010 | 29 | 11 | 7.81 | 29 |
| RIVERSIDE | City of Redlands | Fisherman s Retreat | 3301267 | 100% GW | 100 | 3 | 1 | 3301267-001 | Nitrate (as NO3) | 45 | mg/L | 6/22/2009 | 2 | 130 | 50.80 | 5 |
| RIVERSIDE | City of Riverside | Boe Del Heights Mutual Water | 3301046 | 100% GW | 250 | 1 | 1 | 3301046-001 | Gross alpha particle activity | 15 | pCi/L | 8/27/2007 | 2 | 15.6 | 13.36 | 5 |
| RIVERSIDE | City of Riverside | CHINO BASIN DESALTER AUTH. - DESALTER 2 | 3310083 | 100% GW | 0 | 11 | 8 | 3310083-002 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 51 | 100 | 84.41 | 51 |
| | | | | | | | | 3310083-003 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 58 | 94 | 70.59 | 58 |
| | | | | | | | | 3310083-004 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 46 | 90 | 78.76 | 46 |
| | | | | | | | | 3310083-005 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 33 | 98 | 86.59 | 34 |
| | | | | | | | | 3310083-007 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 47 | 150 | 114.64 | 47 |

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List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3310083-008 | Nitrate (as NO3) | 45 | mg/L | 5/4/2010 | 43 | 86 | 75.21 | 43 |
| | | | | | | | | 3310083-009 | Nitrate (as NO3) | 45 | mg/L | 8/4/2010 | 47 | 97 | 73.53 | 49 |
| | | | | | | | | 3310083-010 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 41 | 260 | 189.51 | 41 |
| RIVERSIDE | Corona city, Home Gardens CDP | HOME GARDENS COUNTY WD | 3310018 | 100% GW | 3033 | 2 | 1 | 3310018-005 | Arsenic | 10 | ug/L | 10/4/2010 | 12 | 39 | 32.42 | 12 |
| | | | | | | | | 3310018-005 | Fluoride | 2 | mg/L | 10/11/2010 | 91 | 3.7 | 2.72 | 93 |
| | | | | | | | | 3310018-005 | Gross alpha particle activity | 15 | pCi/L | 10/4/2010 | 6 | 48 | 36.83 | 6 |
| | | | | | | | | 3310018-005 | Uranium | 20 | pCi/L | 10/4/2010 | 11 | 42 | 28.54 | 13 |
| RIVERSIDE | Desert Hot Springs city | MISSION SPRINGS WD | 3310008 | 100% GW | 29802 | 12 | 2 | 3310008-014 | Gross alpha particle activity | 15 | pCi/L | 9/8/2010 | 9 | 22 | 15.21 | 17 |
| | | | | | | | | 3310008-026 | Gross alpha particle activity | 15 | pCi/L | 9/8/2010 | 7 | 24 | 17.00 | 9 |
| | | | | | | | | 3310008-014 | Uranium | 20 | pCi/L | 9/2/2009 | 4 | 23 | 18.43 | 17 |
| RIVERSIDE | Glen Avon CDP, Mira Loma CDP, Pedley CDP, Rubidoux CDP | JURUPA COMMUNITY SD | 3310021 | 100% GW | 87846 | 22 | 8 | 3310021-016 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 95 | 87 | 49.92 | 172 |
| | | | | | | | | 3310021-017 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 101 | 97 | 72.38 | 103 |
| | | | | | | | | 3310021-018 | Nitrate (as NO3) | 45 | mg/L | 11/4/2010 | 102 | 81 | 46.64 | 200 |
| | | | | | | | | 3310021-020 | Nitrate (as NO3) | 45 | mg/L | 9/9/2010 | 111 | 72 | 43.23 | 196 |
| | | | | | | | | 3310021-021 | Nitrate (as NO3) | 45 | mg/L | 8/12/2010 | 26 | 53 | 38.88 | 180 |
| | | | | | | | | 3310021-022 | Nitrate (as NO3) | 45 | mg/L | 9/9/2010 | 114 | 130 | 93.91 | 115 |
| | | | | | | | | 3310021-023 | Nitrate (as NO3) | 45 | mg/L | 8/12/2010 | 48 | 52 | 39.54 | 260 |
| | | | | | | | | 3310021-024 | Nitrate (as NO3) | 45 | mg/L | 5/31/2006 | 20 | 57 | 40.71 | 242 |
| RIVERSIDE | Idyllwild-Pine Cove CDP | IDYLLWILD WATER DISTRICT | 3310019 | 100% GW | 2500 | 26 | 1 | 3310019-004 | Gross alpha particle activity | 15 | pCi/L | 10/14/2010 | 17 | 36.3 | 17.32 | 24 |
| RIVERSIDE | Indio city | LA QUINTA RIDGE MOBILE ESTATES | 3301372 | 100% GW | 350 | 2 | 1 | 3301372-002 | Perchlorate | 6 | ug/L | 6/12/2008 | 4 | 9 | 7.23 | 4 |
| RIVERSIDE | Mecca CDP | COACHELLA VWD: I.D. NO. 10 | 3310063 | 100% GW | 7638 | 3 | 3 | 3310063-002 | Arsenic | 10 | ug/L | 11/17/2010 | 90 | 36 | 22.84 | 87 |
| | | | | | | | | 3310063-005 | Arsenic | 10 | ug/L | 11/17/2010 | 40 | 17 | 11.28 | 56 |
| | | | | | | | | 3310063-007 | Arsenic | 10 | ug/L | 11/2/2010 | 28 | 18 | 15.36 | 28 |
| RIVERSIDE | Mesa Verde CDP | RIVERSIDE CSA #122-MESA VERDE | 3310028 | 100% GW | 1000 | 3 | 2 | 3310028-003 | Fluoride | 2 | mg/L | 9/20/2005 | 2 | 2.82 | 2.47 | 3 |
| RIVERSIDE | Riverside city | WESTERN MWD (ARLINGTON) | 3310075 | 100% GW | 0 | 7 | 5 | 3310075-001 | Gross alpha particle activity | 15 | pCi/L | 1/26/2010 | 6 | 18.8 | 14.64 | 12 |
| | | | | | | | | 3310075-002 | Gross alpha particle activity | 15 | pCi/L | 1/27/2010 | 5 | 16.7 | 13.08 | 14 |
| | | | | | | | | 3310075-003 | Gross alpha particle activity | 15 | pCi/L | 1/27/2010 | 5 | 20.7 | 13.61 | 13 |
| | | | | | | | | 3310075-004 | Gross alpha particle activity | 15 | pCi/L | 1/28/2010 | 2 | 37 | 14.14 | 13 |
| | | | | | | | | 3310075-005 | Gross alpha particle activity | 15 | pCi/L | 1/26/2010 | 3 | 16.8 | 13.03 | 13 |
| | | | | | | | | 3310075-001 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 101 | 86 | 73.00 | 101 |
| | | | | | | | | 3310075-002 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 110 | 98 | 81.16 | 109 |
| | | | | | | | | 3310075-003 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 107 | 100 | 89.69 | 106 |
| | | | | | | | | 3310075-004 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 109 | 102 | 86.31 | 108 |
| | | | | | | | | 3310075-005 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 108 | 82 | 67.48 | 107 |
| | | | | | | | | 3310075-001 | Perchlorate | 6 | ug/L | 11/3/2010 | 20 | 8 | 5.52 | 68 |
| | | | | | | | | 3310075-002 | Perchlorate | 6 | ug/L | 11/3/2010 | 42 | 9.5 | 6.32 | 69 |
| | | | | | | | | 3310075-003 | Perchlorate | 6 | ug/L | 11/3/2010 | 34 | 8.2 | 6.07 | 66 |
| | | | | | | | | 3310075-004 | Perchlorate | 6 | ug/L | 8/11/2009 | 5 | 7.2 | 5.03 | 66 |
| RIVERSIDE | Rubidoux CDP | RUBIDOUX COMMUNITY SD | 3310044 | 100% GW | 26177 | 7 | 3 | 3310044-002 | Nitrate (as NO3) | 45 | mg/L | 11/23/2010 | 419 | 60 | 51.51 | 430 |
| | | | | | | | | 3310044-004 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 100 | 66 | 52.93 | 102 |
| | | | | | | | | 3310044-006 | Nitrate (as NO3) | 45 | mg/L | 10/13/2010 | 76 | 63 | 53.33 | 75 |
| | | | | | | | | 3310044-002 | Perchlorate | 6 | ug/L | 11/2/2010 | 93 | 12 | 8.80 | 94 |
| | | | | | | | | 3310044-004 | Perchlorate | 6 | ug/L | 11/10/2010 | 51 | 11 | 8.45 | 53 |
| | | | | | | | | 3310044-006 | Perchlorate | 6 | ug/L | 8/18/2010 | 34 | 14 | 8.00 | 36 |
| RIVERSIDE | Whitewater CDP | WEST PALM SPRINGS VILLAGE | 3310078 | 100% GW | 628 | 2 | 1 | 3310078-001 | Gross alpha particle activity | 15 | pCi/L | 3/1/2010 | 12 | 37 | 25.84 | 14 |
| | | | | | | | | 3310078-001 | Uranium | 20 | pCi/L | 3/1/2010 | 29 | 37 | 30.65 | 23 |
| RIVERSIDE | Cathedral City city, Palm Springs city | DESERT WATER AGENCY | 3310005 | >50% GW Mixed | 71656 | 32 | 1 | 3310005-008 | Gross alpha particle activity | 15 | pCi/L | 6/9/2010 | 8 | 28.9 | 18.87 | 11 |
| | | | | | | | | 3310005-008 | Uranium | 20 | pCi/L | 9/17/2008 | 2 | 24 | 18.06 | 11 |
| RIVERSIDE | Colton city, Grand Terrace city, Highgrove CDP, Highland city, Home Gardens CDP, Rialto city, Riverside city, San Bernardino city | RIVERSIDE, CITY OF | 3310031 | >50% GW Mixed | 291398 | 59 | 34 | 3310031-015 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/30/2010 | 108 | 1.58 | 0.38 | 128 |
| | | | | | | | | 3310031-036 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 1/29/2010 | 21 | 0.76 | 0.50 | 23 |
| | | | | | | | | 3310031-038 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/17/2003 | 5 | 0.31 | 0.10 | 54 |
| | | | | | | | | 3310031-040 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/11/2002 | 4 | 0.48 | 0.04 | 90 |
| | | | | | | | | 3310031-067 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/30/2010 | 95 | 1.7 | 0.56 | 97 |
| | | | | | | | | 3310031-074 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/26/2010 | 78 | 1.3 | 0.67 | 81 |
| | | | | | | | | 3310031-080 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/3/2009 | 50 | 0.44 | 0.27 | 66 |
| | | | | | | | | 3310031-093 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/16/2010 | 98 | 1.8 | 0.71 | 100 |
| | | | | | | | | 3310031-111 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/29/2004 | 3 | 0.26 | 0.10 | 31 |
| | | | | | | | | 3310031-167 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/27/2010 | 4 | 0.23 | 0.20 | 10 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|--------|--------------|--------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3310031-024 | Arsenic | 10 | ug/L | 3/13/2006 | 3 | 11 | 7.91 | 31 |
| | | | | | | | | 3310031-015 | Gross alpha particle activity | 15 | pCi/L | 5/14/2009 | 3 | 28.9 | 11.86 | 27 |
| | | | | | | | | 3310031-027 | Gross alpha particle activity | 15 | pCi/L | 6/11/2010 | 34 | 46.5 | 28.65 | 35 |
| | | | | | | | | 3310031-028 | Gross alpha particle activity | 15 | pCi/L | 8/10/2010 | 36 | 41.5 | 21.74 | 43 |
| | | | | | | | | 3310031-029 | Gross alpha particle activity | 15 | pCi/L | 5/14/2009 | 2 | 16 | 9.07 | 25 |
| | | | | | | | | 3310031-031 | Gross alpha particle activity | 15 | pCi/L | 9/10/2010 | 34 | 44 | 24.11 | 39 |
| | | | | | | | | 3310031-032 | Gross alpha particle activity | 15 | pCi/L | 9/16/2010 | 39 | 48.1 | 25.03 | 42 |
| | | | | | | | | 3310031-033 | Gross alpha particle activity | 15 | pCi/L | 6/17/2010 | 13 | 34.2 | 26.52 | 13 |
| | | | | | | | | 3310031-034 | Gross alpha particle activity | 15 | pCi/L | 8/20/2010 | 16 | 32.9 | 17.38 | 25 |
| | | | | | | | | 3310031-037 | Gross alpha particle activity | 15 | pCi/L | 8/24/2005 | 2 | 25 | 7.67 | 22 |
| | | | | | | | | 3310031-074 | Gross alpha particle activity | 15 | pCi/L | 6/18/2010 | 14 | 24 | 14.99 | 35 |
| | | | | | | | | 3310031-081 | Gross alpha particle activity | 15 | pCi/L | 9/16/2010 | 25 | 39 | 20.75 | 35 |
| | | | | | | | | 3310031-154 | Gross alpha particle activity | 15 | pCi/L | 9/17/2010 | 16 | 46.9 | 23.37 | 21 |
| | | | | | | | | 3310031-164 | Gross alpha particle activity | 15 | pCi/L | 8/4/2010 | 16 | 26 | 18.11 | 23 |
| | | | | | | | | 3310031-015 | Nitrate (as NO3) | 45 | mg/L | 1/7/2009 | 2 | 66 | 42.02 | 100 |
| | | | | | | | | 3310031-029 | Nitrate (as NO3) | 45 | mg/L | 5/14/2009 | 17 | 60 | 45.38 | 31 |
| | | | | | | | | 3310031-030 | Nitrate (as NO3) | 45 | mg/L | 10/27/2010 | 34 | 61 | 50.68 | 38 |
| | | | | | | | | 3310031-038 | Nitrate (as NO3) | 45 | mg/L | 8/13/2009 | 6 | 47 | 43.71 | 41 |
| | | | | | | | | 3310031-074 | Nitrate (as NO3) | 45 | mg/L | 8/26/2010 | 64 | 76 | 64.74 | 68 |
| | | | | | | | | 3310031-085 | Nitrate (as NO3) | 45 | mg/L | 11/18/2010 | 26 | 55 | 50.38 | 29 |
| | | | | | | | | 3310031-093 | Nitrate (as NO3) | 45 | mg/L | 5/26/2004 | 11 | 59 | 37.26 | 86 |
| | | | | | | | | 3310031-027 | Perchlorate | 6 | ug/L | 12/16/2009 | 20 | 60 | 6.94 | 49 |
| | | | | | | | | 3310031-028 | Perchlorate | 6 | ug/L | 8/10/2010 | 37 | 22 | 6.77 | 56 |
| | | | | | | | | 3310031-029 | Perchlorate | 6 | ug/L | 8/4/2010 | 32 | 13 | 8.64 | 34 |
| | | | | | | | | 3310031-030 | Perchlorate | 6 | ug/L | 10/27/2010 | 40 | 14 | 9.94 | 43 |
| | | | | | | | | 3310031-031 | Perchlorate | 6 | ug/L | 9/10/2010 | 42 | 17 | 8.80 | 47 |
| | | | | | | | | 3310031-032 | Perchlorate | 6 | ug/L | 9/16/2010 | 53 | 55 | 24.03 | 53 |
| | | | | | | | | 3310031-034 | Perchlorate | 6 | ug/L | 5/8/2008 | 17 | 10 | 6.28 | 36 |
| | | | | | | | | 3310031-036 | Perchlorate | 6 | ug/L | 7/8/2010 | 40 | 73 | 56.55 | 42 |
| | | | | | | | | 3310031-037 | Perchlorate | 6 | ug/L | 5/25/2005 | 2 | 63 | 4.34 | 38 |
| | | | | | | | | 3310031-038 | Perchlorate | 6 | ug/L | 8/10/2010 | 44 | 22 | 13.45 | 44 |
| | | | | | | | | 3310031-044 | Perchlorate | 6 | ug/L | 9/15/2010 | 7 | 8.9 | 6.09 | 15 |
| | | | | | | | | 3310031-045 | Perchlorate | 6 | ug/L | 6/23/2010 | 9 | 7.4 | 4.90 | 32 |
| | | | | | | | | 3310031-051 | Perchlorate | 6 | ug/L | 3/30/2006 | 5 | 7.4 | 5.03 | 25 |
| | | | | | | | | 3310031-052 | Perchlorate | 6 | ug/L | 4/12/2006 | 5 | 7.3 | 4.86 | 25 |
| | | | | | | | | 3310031-067 | Perchlorate | 6 | ug/L | 4/24/2008 | 3 | 8.3 | 4.19 | 54 |
| | | | | | | | | 3310031-074 | Perchlorate | 6 | ug/L | 11/8/2007 | 6 | 8 | 5.01 | 53 |
| | | | | | | | | 3310031-077 | Perchlorate | 6 | ug/L | 5/21/2010 | 15 | 7.7 | 4.73 | 46 |
| | | | | | | | | 3310031-080 | Perchlorate | 6 | ug/L | 11/18/2010 | 41 | 45 | 22.95 | 41 |
| | | | | | | | | 3310031-081 | Perchlorate | 6 | ug/L | 5/20/2010 | 10 | 13 | 4.80 | 44 |
| | | | | | | | | 3310031-085 | Perchlorate | 6 | ug/L | 11/18/2010 | 52 | 16 | 11.41 | 52 |
| | | | | | | | | 3310031-093 | Perchlorate | 6 | ug/L | 7/7/2004 | 4 | 7.6 | 4.42 | 57 |
| | | | | | | | | 3310031-100 | Perchlorate | 6 | ug/L | 2/20/2008 | 10 | 8.2 | 5.69 | 30 |
| | | | | | | | | 3310031-111 | Perchlorate | 6 | ug/L | 10/27/2010 | 54 | 45 | 16.75 | 55 |
| | | | | | | | | 3310031-154 | Perchlorate | 6 | ug/L | 9/17/2010 | 11 | 53 | 13.86 | 13 |
| | | | | | | | | 3310031-164 | Perchlorate | 6 | ug/L | 8/4/2010 | 23 | 14 | 11.42 | 23 |
| | | | | | | | | 3310031-165 | Perchlorate | 6 | ug/L | 8/12/2010 | 13 | 15 | 10.57 | 13 |
| | | | | | | | | 3310031-167 | Perchlorate | 6 | ug/L | 11/18/2010 | 13 | 31 | 26.85 | 13 |
| | | | | | | | | 3310031-027 | Trichloroethylene (TCE) | 5 | ug/L | 11/13/2003 | 13 | 8.7 | 3.39 | 44 |
| | | | | | | | | 3310031-031 | Trichloroethylene (TCE) | 5 | ug/L | 9/10/2010 | 36 | 33 | 10.46 | 44 |
| | | | | | | | | 3310031-032 | Trichloroethylene (TCE) | 5 | ug/L | 9/16/2010 | 41 | 19 | 8.28 | 48 |
| | | | | | | | | 3310031-036 | Trichloroethylene (TCE) | 5 | ug/L | 7/8/2010 | 29 | 18 | 12.41 | 32 |
| | | | | | | | | 3310031-081 | Trichloroethylene (TCE) | 5 | ug/L | 5/11/2006 | 37 | 11 | 5.20 | 71 |
| | | | | | | | | 3310031-154 | Trichloroethylene (TCE) | 5 | ug/L | 6/25/2010 | 3 | 11 | 4.25 | 10 |
| | | | | | | | | 3310031-027 | Uranium | 20 | pCi/L | 6/11/2010 | 35 | 54 | 39.98 | 35 |
| | | | | | | | | 3310031-028 | Uranium | 20 | pCi/L | 8/10/2010 | 38 | 54.3 | 32.84 | 42 |
| | | | | | | | | 3310031-031 | Uranium | 20 | pCi/L | 9/10/2010 | 38 | 67 | 34.31 | 38 |
| | | | | | | | | 3310031-032 | Uranium | 20 | pCi/L | 9/16/2010 | 40 | 50.9 | 36.02 | 41 |
| | | | | | | | | 3310031-033 | Uranium | 20 | pCi/L | 6/17/2010 | 12 | 43 | 34.77 | 13 |
| | | | | | | | | 3310031-034 | Uranium | 20 | pCi/L | 8/20/2010 | 20 | 37 | 26.10 | 23 |
| | | | | | | | | 3310031-037 | Uranium | 20 | pCi/L | 11/6/2008 | 2 | 30.2 | 10.54 | 21 |
| | | | | | | | | 3310031-074 | Uranium | 20 | pCi/L | 8/26/2010 | 30 | 25 | 21.03 | 35 |

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| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-----------|------------------------------------------------------------------------|--------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3310031-081 | Uranium | 20 | pCi/L | 9/16/2010 | 30 | 46 | 29.75 | 34 |
| | | | | | | | | 3310031-154 | Uranium | 20 | pCi/L | 9/17/2010 | 20 | 52 | 35.10 | 21 |
| | | | | | | | | 3310031-164 | Uranium | 20 | pCi/L | 8/4/2010 | 20 | 34 | 28.29 | 21 |
| RIVERSIDE | Corona city, El Cerrito CDP, Temescal Valley CDP | CORONA, CITY OF | 3310037 | >50% GW Mixed | 149928 | 25 | 17 | 3310037-028 | Fluoride | 2 | mg/L | 6/16/2010 | 20 | 3.4 | 2.12 | 26 |
| | | | | | | | | 3310037-021 | Gross alpha particle activity | 15 | pCi/L | 7/22/2009 | 2 | 30.4 | 13.97 | 8 |
| | | | | | | | | 3310037-025 | Gross alpha particle activity | 15 | pCi/L | 1/28/2010 | 2 | 28 | 14.78 | 5 |
| | | | | | | | | 3310037-031 | Gross alpha particle activity | 15 | pCi/L | 12/11/2003 | 2 | 16.53 | 10.86 | 9 |
| | | | | | | | | 3310037-011 | Nitrate (as NO3) | 45 | mg/L | 2/17/2010 | 145 | 81 | 57.47 | 165 |
| | | | | | | | | 3310037-013 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 161 | 120 | 95.39 | 164 |
| | | | | | | | | 3310037-014 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 169 | 110 | 71.65 | 172 |
| | | | | | | | | 3310037-015 | Nitrate (as NO3) | 45 | mg/L | 8/7/2002 | 14 | 98 | 20.65 | 169 |
| | | | | | | | | 3310037-021 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 176 | 92.1 | 64.56 | 184 |
| | | | | | | | | 3310037-023 | Nitrate (as NO3) | 45 | mg/L | 6/18/2008 | 2 | 55 | 13.04 | 183 |
| | | | | | | | | 3310037-024 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 127 | 84 | 52.70 | 175 |
| | | | | | | | | 3310037-025 | Nitrate (as NO3) | 45 | mg/L | 3/22/2006 | 2 | 80 | 22.37 | 75 |
| | | | | | | | | 3310037-026 | Nitrate (as NO3) | 45 | mg/L | 4/9/2008 | 2 | 71 | 10.28 | 134 |
| | | | | | | | | 3310037-027 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 169 | 100 | 67.43 | 169 |
| | | | | | | | | 3310037-029 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 180 | 100 | 70.02 | 179 |
| | | | | | | | | 3310037-030 | Nitrate (as NO3) | 45 | mg/L | 10/20/2010 | 75 | 86 | 48.86 | 161 |
| | | | | | | | | 3310037-031 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 131 | 75 | 52.45 | 152 |
| | | | | | | | | 3310037-032 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 153 | 78 | 56.20 | 155 |
| | | | | | | | | 3310037-033 | Nitrate (as NO3) | 45 | mg/L | 7/20/2005 | 16 | 64 | 28.43 | 160 |
| | | | | | | | | 3310037-038 | Nitrate (as NO3) | 45 | mg/L | 3/17/2010 | 84 | 70 | 48.11 | 133 |
| | | | | | | | | 3310037-011 | Perchlorate | 6 | ug/L | 9/12/2008 | 17 | 11.4 | 6.76 | 29 |
| | | | | | | | | 3310037-013 | Perchlorate | 6 | ug/L | 9/1/2010 | 26 | 14 | 11.08 | 26 |
| | | | | | | | | 3310037-014 | Perchlorate | 6 | ug/L | 9/1/2010 | 31 | 11 | 8.61 | 32 |
| | | | | | | | | 3310037-015 | Perchlorate | 6 | ug/L | 3/17/2006 | 2 | 9.4 | 3.35 | 31 |
| | | | | | | | | 3310037-021 | Perchlorate | 6 | ug/L | 6/10/2009 | 10 | 9 | 5.61 | 30 |
| | | | | | | | | 3310037-024 | Perchlorate | 6 | ug/L | 9/1/2010 | 9 | 11 | 5.44 | 32 |
| | | | | | | | | 3310037-025 | Perchlorate | 6 | ug/L | 12/6/2005 | 2 | 8.1 | 3.98 | 10 |
| | | | | | | | | 3310037-027 | Perchlorate | 6 | ug/L | 3/3/2010 | 13 | 9.4 | 5.92 | 31 |
| | | | | | | | | 3310037-029 | Perchlorate | 6 | ug/L | 9/1/2010 | 28 | 11 | 7.99 | 32 |
| | | | | | | | | 3310037-030 | Perchlorate | 6 | ug/L | 12/11/2003 | 4 | 6.9 | 4.79 | 30 |
| | | | | | | | | 3310037-031 | Perchlorate | 6 | ug/L | 6/18/2008 | 5 | 8.02 | 4.97 | 31 |
| | | | | | | | | 3310037-032 | Perchlorate | 6 | ug/L | 6/18/2008 | 13 | 7.93 | 5.74 | 30 |
| | | | | | | | | 3310037-038 | Perchlorate | 6 | ug/L | 3/14/2008 | 2 | 6.74 | 4.52 | 25 |
| RIVERSIDE | East Hemet CDP, Hemet city, San Jacinto city, Valle Vista CDP | LAKE HEMET MWD | 3310022 | >50% GW Mixed | 50001 | 14 | 1 | 3310022-029 | Gross alpha particle activity | 15 | pCi/L | 7/20/2004 | 4 | 19 | 10.76 | 21 |
| RIVERSIDE | Hemet city, San Jacinto city | HEMET, CITY OF | 3310016 | >50% GW Mixed | 20395 | 13 | 2 | 3310016-013 | Fluoride | 2 | mg/L | 9/1/2010 | 3 | 2.4 | 1.69 | 7 |
| | | | | | | | | 3310016-004 | Nitrate (as NO3) | 45 | mg/L | 8/27/2008 | 2 | 79 | 30.59 | 67 |
| RIVERSIDE | Moreno Valley city | BOX SPRINGS MUTUAL WC | 3310004 | >50% GW Mixed | 3000 | 1 | 1 | 3310004-002 | Nitrate (as NO3) | 45 | mg/L | 10/21/2010 | 15 | 47 | 43.10 | 109 |
| RIVERSIDE | Moreno Valley, San Jacinto, Hemet, Menifee, Murrieta, Temecula, Perris | EASTERN MUNICIPAL WD | 3310009 | Mixed <50%GW | 446700 | 35 | 6 | 3310009-077 | Barium | 1000 | ug/L | 8/24/2009 | 2 | 2100 | 923.333333 | 2 |
| | | | | | | | | 3310009-088 | Barium | 1000 | ug/L | 8/7/2008 | 2 | 1100 | 1100 | 2 |
| | | | | | | | | 3310009-042 | Nitrate (as NO3) | 45 | mg/L | 11/29/2010 | 410 | 73 | 61.895122 | 407 |
| | | | | | | | | 3310009-060 | Nitrate (as NO3) | 45 | mg/L | 11/22/2010 | 309 | 126 | 97.3624595 | 307 |
| | | | | | | | | 3310009-074 | Nitrate (as NO3) | 45 | mg/L | 8/2/2010 | 4 | 51 | 38.5076923 | 3 |
| | | | | | | | | 3310009-076 | Nitrate (as NO3) | 45 | mg/L | 8/2/2010 | 6 | 94 | 55.375 | 5 |
| | | | | | | | | 3310009-088 | Nitrate (as NO3) | 45 | mg/L | 8/7/2008 | 3 | 53 | 47.8 | 3 |
| | | | | | | | | 3310009-042 | Perchlorate | 6 | ug/L | 9/7/2010 | 11 | 7.8 | 5.45806452 | 11 |
| | | | | | | | | 3310009-060 | Perchlorate | 6 | ug/L | 10/12/2010 | 27 | 13 | 9.45806452 | 27 |
| | | | | | | | | 3310009-088 | Perchlorate | 6 | ug/L | 5/19/2010 | 6 | 7.4 | 5.375 | 6 |
| | | | | | | | | 3310009-042 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/11/2010 | 2 | 5.4 | 2.54 | 2 |
| | | | | | | | | 3310009-060 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/12/2010 | 23 | 9.4 | 5.97096774 | 23 |
| RIVERSIDE | Lake Elsinore, Canyon Lake, Horsethief Canyon, Temescal, | ELSINORE VALLEY MWD | 3310012 | Mixed <50%GW | 126495 | 10 | 5 | 3310012-004 | Arsenic | 10 | ug/L | 9/9/2008 | 4 | 16 | 7.15 | 4 |
| | | | | | | | | 3310012-007 | Arsenic | 10 | ug/L | 8/5/2008 | 6 | 14 | 10.18 | 6 |
| | | | | | | | | 3310012-021 | Arsenic | 10 | ug/L | 8/17/2010 | 23 | 42 | 27.826087 | 23 |
| | | | | | | | | 3310012-022 | Arsenic | 10 | ug/L | 8/17/2010 | 19 | 27 | 19.9772727 | 19 |
| | | | | | | | | 3310012-031 | Arsenic | 10 | ug/L | 6/8/2010 | 23 | 13 | 11.0142857 | 23 |
| RIVERSIDE | Norco | NORCO, CITY OF | 3310025 | Mixed <50%GW | 27160 | 4 | 5 | 3310025-012 | Arsenic | 10 | ug/L | 6/14/2010 | 4 | 21 | 6.23965517 | 4 |
| | | | | | | | | 3310025-013 | Arsenic | 10 | ug/L | 9/10/2010 | 102 | 28 | 10.0393782 | 94 |

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|------------|---------------------------------------------------------------------|----------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3310025-016 | Arsenic | 10 | ug/L | 5/5/2008 | 7 | 14 | 6.42037037 | 7 |
| | | | | | | | | 3310025-016 | Cyanide | 150 | ug/L | 3/19/2007 | 4 | 450 | 38.3333333 | 4 |
| | | | | | | | | 3310025-012 | Fluoride | 2 | mg/L | 9/27/2010 | 146 | 4.1 | 2.64807882 | 145 |
| | | | | | | | | 3310025-013 | Fluoride | 2 | mg/L | 9/10/2010 | 81 | 2.8 | 1.71349727 | 80 |
| | | | | | | | | 3310025-016 | Fluoride | 2 | mg/L | 5/3/2010 | 114 | 7.4 | 3.00389222 | 113 |
| | | | | | | | | 3310025-013 | Gross alpha particle activity | 15 | pCi/L | 1/12/2009 | 4 | 19 | 9.9 | 4 |
| | | | | | | | | 3310025-011 | Nitrate (as NO3) | 45 | mg/L | 4/3/2006 | 58 | 82 | 58.1323529 | 58 |
| | | | | | | | | 3310025-012 | Nitrate (as NO3) | 45 | mg/L | 7/12/2010 | 14 | 73 | 10.9412017 | 14 |
| | | | | | | | | 3310025-015 | Nitrate (as NO3) | 45 | mg/L | 7/24/2006 | 3 | 62 | 14.8362998 | 3 |
| RIVERSIDE | Temecula, Murrieta | RANCHO CALIFORNIA WATER DISTRICT | 3310038 | Mixed <50%GW | 102604 | 43 | 5 | 3310038-012 | Arsenic | 10 | ug/L | 9/1/2010 | 30 | 24 | 12.4607143 | 30 |
| | | | | | | | | 3310038-029 | Arsenic | 10 | ug/L | 10/19/2010 | 4 | 12 | 7.85 | 4 |
| | | | | | | | | 3310038-031 | Arsenic | 10 | ug/L | 11/4/2010 | 42 | 27 | 19.2093023 | 42 |
| | | | | | | | | 3310038-045 | Arsenic | 10 | ug/L | 6/23/2010 | 4 | 12 | 8.72222222 | 4 |
| | | | | | | | | 3310038-031 | Fluoride | 2 | mg/L | 11/4/2010 | 34 | 5.4 | 3.50243902 | 34 |
| RIVERSIDE | Temecula, Murrieta | FARM MUTUAL W.C. (THE) | 3310046 | Mixed <50%GW | 3335 | 1 | 1 | 3310046-002 | Arsenic | 10 | ug/L | 11/2/2010 | 16 | 16 | 11.275 | 16 |
| RIVERSIDE | Homeland CDP, Lakeview CDP, Nuevo CDP | NUEVO WATER COMPANY | 3310026 | Undetermined | 6000 | 3 | 1 | 3310026-002 | Nitrate (as NO3) | 45 | mg/L | 3/7/2007 | 61 | 83 | 50.99 | 111 |
| RIVERSIDE | Idyllwild-Pine Cove CDP | FERN VALLEY WD | 3310040 | Undetermined | 2500 | 10 | 2 | 3310040-021 | Aluminum | 1000 | ug/L | 9/12/2005 | 2 | 1700 | 466.63 | 8 |
| | | | | | | | | 3310040-010 | Gross alpha particle activity | 15 | pCi/L | 8/27/2010 | 3 | 37.7 | 12.39 | 11 |
| RIVERSIDE | Anza CDP | Ramona Water Company | 3301529 | 100% GW | 250 | 7 | 2 | 3301529-002 | Nitrate (as NO3) | 45 | mg/L | 10/28/2010 | 3 | 50 | 36.57 | 14 |
| | | | | | | | | 3301529-005 | Nitrate (as NO3) | 45 | mg/L | 8/25/2010 | 7 | 62 | 49.89 | 9 |
| RIVERSIDE | City of Riverside | Sunbird Mobile Home Park | 3301755 | 100% GW | 258 | 1 | 1 | 3301755-001 | Arsenic | 10 | ug/L | 10/25/2010 | 13 | 20 | 13.62 | 17 |
| RIVERSIDE | Desert Center CDP | CSA #51 | 3301381 | 100% GW | 350 | 1 | 1 | 3301381-001 | Fluoride | 2 | mg/L | 4/26/2010 | 5 | 7.8 | 7.50 | 5 |
| RIVERSIDE | Glen Avon CDP, Mira Loma CDP, Pedley CDP, Rubidoux CDP | JURUPA COMMUNITY SD | 3310021 | 100% GW | 87846 | 22 | 1 | 3310021-034 | Nitrate (as NO3) | 45 | mg/L | 10/5/2009 | 8 | 50 | 29.38 | 302 |
| RIVERSIDE | Mecca CDP | Saint Anthony Trailer Park | 3301380 | 100% GW | 250 | 1 | 1 | 3301380-001 | Arsenic | 10 | ug/L | 2/8/2010 | 6 | 23 | 18.89 | 7 |
| RIVERSIDE | Thermal CDP | Desert View Trailer Park | 3301209 | 100% GW | 50 | 1 | 1 | 3301209-001 | Fluoride | 2 | mg/L | 9/3/2009 | 2 | 2.6 | 2.22 | 5 |
| RIVERSIDE | Wildomar city | County Water of Riverside | 3302093 | 100% GW | 180 | 1 | 1 | 3302093-001 | Nitrate (as NO3) | 45 | mg/L | 9/3/2010 | 10 | 86 | 69.00 | 10 |
| RIVERSIDE | City of Anza | Royal Carrizo HOA | 3301588 | >50% GW Mixed | 25 | 2 | 2 | 3301588-001 | Gross alpha particle activity | 15 | pCi/L | 8/18/2008 | 14 | 47.2 | 22.50 | 18 |
| | | | | | | | | 3301588-004 | Gross alpha particle activity | 15 | pCi/L | 2/22/2008 | 2 | 47.7 | 28.38 | 3 |
| | | | | | | | | 3301588-001 | Uranium | 20 | pCi/L | 9/16/2010 | 16 | 61 | 22.88 | 25 |
| | | | | | | | | 3301588-004 | Uranium | 20 | pCi/L | 11/18/2010 | 7 | 45.1 | 27.08 | 11 |
| SACRAMENTO | Elk Grove city | ELK GROVE WATER SERVICE | 3410008 | 100% GW | 35567 | 17 | 1 | 3410008-013 | Arsenic | 10 | ug/L | 7/17/2008 | 7 | 16 | 9.53 | 16 |
| SACRAMENTO | Fruitridge Pocket CDP, Lemon Hill CDP, Parkway CDP, Sacramento city | FRUITRIDGE VISTA WATER COMPANY | 3410023 | 100% GW | 15000 | 17 | 1 | 3410023-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/17/2006 | 14 | 21 | 9.48 | 22 |
| SACRAMENTO | Galt city | GALT, CITY OF | 3410011 | 100% GW | 22982 | 10 | 5 | 3410011-013 | Arsenic | 10 | ug/L | 4/20/2010 | 10 | 15 | 12.45 | 11 |
| | | | | | | | | 3410011-018 | Arsenic | 10 | ug/L | 7/15/2010 | 11 | 21 | 13.98 | 14 |
| | | | | | | | | 3410011-019 | Arsenic | 10 | ug/L | 8/18/2009 | 3 | 16 | 8.63 | 9 |
| | | | | | | | | 3410011-021 | Arsenic | 10 | ug/L | 7/15/2010 | 11 | 18 | 15.09 | 11 |
| | | | | | | | | 3410011-024 | Arsenic | 10 | ug/L | 7/15/2010 | 13 | 15 | 13.46 | 13 |
| SACRAMENTO | Isleton city | CALAM - ISLETON | 3410012 | 100% GW | 1287 | 2 | 1 | 3410012-004 | Arsenic | 10 | ug/L | 7/30/2009 | 4 | 29 | 26.00 | 4 |
| SACRAMENTO | Walnut Grove CDP | CALAM - WALNUT GROVE | 3410047 | 100% GW | 657 | 2 | 2 | 3410047-001 | Arsenic | 10 | ug/L | 11/12/2009 | 9 | 17 | 14.40 | 10 |
| | | | | | | | | 3410047-003 | Arsenic | 10 | ug/L | 8/27/2009 | 3 | 12 | 10.40 | 5 |
| | | | | | | | | 3410013-016 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/9/2010 | 24 | 6.2 | 4.23 | 96 |
| | | | | | | | | 3410013-022 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/17/2010 | 41 | 6.7 | 4.71 | 91 |
| SACRAMENTO | Elk Grove city, Vineyard CDP | SCWA - LAGUNA/VINEYARD | 3410029 | >50% GW Mixed | 153701 | 52 | 9 | 3410029-001 | Arsenic | 10 | ug/L | 5/10/2007 | 4 | 16 | 12.75 | 4 |
| | | | | | | | | 3410029-005 | Arsenic | 10 | ug/L | 3/28/2007 | 5 | 21 | 19.60 | 5 |
| | | | | | | | | 3410029-006 | Arsenic | 10 | ug/L | 11/19/2007 | 2 | 17 | 10.43 | 7 |
| | | | | | | | | 3410029-010 | Arsenic | 10 | ug/L | 3/28/2007 | 4 | 23 | 20.75 | 4 |
| | | | | | | | | 3410029-012 | Arsenic | 10 | ug/L | 11/22/2006 | 6 | 13 | 9.17 | 9 |
| | | | | | | | | 3410029-024 | Arsenic | 10 | ug/L | 10/21/2010 | 30 | 57 | 41.28 | 32 |
| | | | | | | | | 3410029-025 | Arsenic | 10 | ug/L | 11/3/2010 | 17 | 28 | 10.38 | 56 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|----------------|--------------------------------------------------------------|-------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3410029-028 | Arsenic | 10 | ug/L | 10/21/2010 | 24 | 47 | 21.81 | 35 |
| | | | | | | | | 3410029-038 | Arsenic | 10 | ug/L | 10/21/2010 | 32 | 17 | 12.99 | 35 |
| SACRAMENTO | Carmichael | CARMICHAEL WATER DISTRICT | 3410004 | Mixed <50%GW | 40000 | 6 | 1 | 3410004-020 | Tetrachloroethylene (PCE) | 5 | ug/L | 4/16/2009 | 2 | 27 | 1.56451613 | 2 |
| SACRAMENTO | Sacramento | CITY OF SACRAMENTO MAIN | 3410020 | Mixed <50%GW | 407018 | 33 | 1 | 3410020-025 | Tetrachloroethylene (PCE) | 5 | ug/L | 12/15/2009 | 5 | 33 | 31 | 5 |
| SACRAMENTO | Florin CDP, Parkway CDP | CALAM - PARKWAY | 3410017 | Undetermined | 45187 | 18 | 2 | 3410017-006 | Arsenic | 10 | ug/L | 8/5/2009 | 8 | 21 | 17.13 | 8 |
| | | | | | | | | 3410017-012 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/26/2008 | 36 | 13.2 | 5.64 | 95 |
| SACRAMENTO | City of Granite Bay | EDGEWATER MOBILE HOME PARK | 3400433 | 100% GW | 29 | 1 | 1 | 3400433-001 | Arsenic | 10 | ug/L | 10/13/2010 | 13 | 39 | 30.74 | 15 |
| SACRAMENTO | City of Isleton | KORTHS PIRATES LAIR | 3400135 | 100% GW | 40 | 1 | 1 | 3400135-001 | Arsenic | 10 | ug/L | 8/9/2010 | 38 | 45 | 38.74 | 38 |
| SACRAMENTO | City of Isleton | VIEIRA S RESORT, INC | 3400164 | 100% GW | 150 | 3 | 3 | 3400164-001 | Arsenic | 10 | ug/L | 12/9/2010 | 11 | 31 | 21.08 | 12 |
| | | | | | | | | 3400164-002 | Arsenic | 10 | ug/L | 12/9/2010 | 10 | 32 | 24.43 | 12 |
| | | | | | | | | 3400164-003 | Arsenic | 10 | ug/L | 12/9/2010 | 10 | 31 | 22.92 | 12 |
| SACRAMENTO | City of Isleton | SPINDRIFT MARINA | 3400169 | 100% GW | 100 | 1 | 1 | 3400169-001 | Arsenic | 10 | ug/L | 9/27/2007 | 3 | 26 | 11.21 | 8 |
| SACRAMENTO | City of Isleton | OXBOW MARINA | 3400332 | 100% GW | 200 | 2 | 2 | 3400332-001 | Arsenic | 10 | ug/L | 9/13/2010 | 20 | 37 | 27.40 | 20 |
| | | | | | | | | 3400332-002 | Arsenic | 10 | ug/L | 12/14/2009 | 5 | 26 | 25.20 | 5 |
| SACRAMENTO | Courtland CDP | GREGG WATER CO | 3400130 | 100% GW | 40 | 1 | 1 | 3400130-001 | Arsenic | 10 | ug/L | 11/19/2010 | 8 | 12 | 8.68 | 13 |
| SACRAMENTO | Elk Grove city | ELK GROVE WATER SERVICE | 3410008 | 100% GW | 35567 | 17 | 5 | 3410008-005 | Arsenic | 10 | ug/L | 9/22/2007 | 4 | 43 | 29.00 | 4 |
| | | | | | | | | 3410008-006 | Arsenic | 10 | ug/L | 9/25/2007 | 4 | 19 | 15.00 | 4 |
| | | | | | | | | 3410008-007 | Arsenic | 10 | ug/L | 5/21/2007 | 3 | 31 | 23.65 | 4 |
| | | | | | | | | 3410008-009 | Arsenic | 10 | ug/L | 3/17/2008 | 3 | 19 | 9.21 | 8 |
| | | | | | | | | 3410008-010 | Arsenic | 10 | ug/L | 9/22/2007 | 4 | 52 | 36.25 | 4 |
| SACRAMENTO | Walnut Grove CDP | MSA: EAST WALNUT GROVE WATER SYSTEM (W10) | 3400106 | 100% GW | 300 | 2 | 1 | 3400106-001 | Arsenic | 10 | ug/L | 2/19/2008 | 5 | 18 | 15.40 | 5 |
| SACRAMENTO | Walnut Grove CDP | LOCKE WATER WORKS CO [SWS] | 3400138 | 100% GW | 65 | 1 | 1 | 3400138-001 | Arsenic | 10 | ug/L | 12/9/2010 | 8 | 32 | 15.72 | 16 |
| SACRAMENTO | Walnut Grove CDP | RANCHO MARINA | 3400149 | 100% GW | 75 | 1 | 1 | 3400149-001 | Arsenic | 10 | ug/L | 9/9/2010 | 5 | 59 | 25.81 | 8 |
| SACRAMENTO | City of Isleton | WILLOW BERM MARINA | 3400167 | >50% GW Mixed | 150 | 1 | 1 | 3400167-001 | Arsenic | 10 | ug/L | 7/12/2010 | 46 | 57 | 45.38 | 47 |
| SACRAMENTO | Florin CDP, Parkway CDP | CALAM - PARKWAY | 3410017 | Undetermined | 45187 | 18 | 1 | 3410017-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/25/2002 | 4 | 6.3 | 1.00 | 106 |
| SAN BENITO | City of Carmel Valley | WHISPERING PINES INN | 3500810 | 100% GW | 100 | 1 | 1 | 3500810-001 | Arsenic | 10 | ug/L | 11/2/2010 | 72 | 210 | 167.88 | 70 |
| SAN BENITO | City of Hollister | ARNOLD PARK (O BANNON S MHP) | 3500526 | 100% GW | 28 | 1 | 1 | 3500526-001 | Chromium, Total | 50 | ug/L | 6/17/2008 | 9 | 75 | 45.57 | 21 |
| | | | | | | | | 3500526-001 | Nitrate (as NO3) | 45 | mg/L | 6/17/2008 | 77 | 110 | 68.75 | 97 |
| SAN BENITO | City of Oakland | VALENZUELA WATER SYSTEM | 3500527 | 100% GW | 55 | 1 | 1 | 3500527-001 | Nitrate (as NO3) | 45 | mg/L | 11/10/2010 | 36 | 126 | 49.34 | 59 |
| SAN BENITO | Ridgemark | ASHFORD HIGHLANDS MWC | 3500900 | 100% GW | 85 | 2 | 1 | 3500900-001 | Chromium, Total | 50 | ug/L | 11/9/2010 | 2 | 477 | 98.67 | 6 |
| SAN BENITO | City of Gilroy | HOLLISTER RANCH ESTATES | 3500904 | 100% GW | 150 | 2 | 1 | 3500904-002 | Gross alpha particle activity | 15 | pCi/L | 1/18/2010 | 8 | 39.6 | 20.95 | 13 |
| | | | | | | | | 3500904-002 | Uranium | 20 | pCi/L | 1/18/2010 | 3 | 27.1 | 12.71 | 11 |
| SAN BERNARDINO | Adelanto city, Victorville city | CITY OF ADELANTO | 3610001 | 100% GW | 19500 | 18 | 3 | 3610001-003 | Arsenic | 10 | ug/L | 4/12/2005 | 2 | 28.5 | 25.70 | 2 |
| | | | | | | | | 3610001-007 | Arsenic | 10 | ug/L | 2/12/2009 | 2 | 32 | 30.80 | 2 |
| | | | | | | | | 3610001-018 | Arsenic | 10 | ug/L | 3/12/2009 | 2 | 23.8 | 18.40 | 2 |
| | | | | | | | | 3610001-003 | Fluoride | 2 | mg/L | 10/7/2010 | 67 | 7.5 | 6.14 | 67 |
| | | | | | | | | 3610001-007 | Fluoride | 2 | mg/L | 11/2/2010 | 40 | 2.5 | 2.22 | 47 |
| | | | | | | | | 3610001-018 | Fluoride | 2 | mg/L | 8/5/2008 | 34 | 3.03 | 2.23 | 61 |
| SAN BERNARDINO | Apple Valley town | GOLDEN STATE WATER CO - APPLE VLY NORTH | 3610105 | 100% GW | 2257 | 2 | 1 | 3610105-003 | Gross alpha particle activity | 15 | pCi/L | 11/16/2005 | 2 | 19.2 | 9.91 | 15 |
| SAN BERNARDINO | Apple Valley town, Mountain View Acres CDP, Victorville city | VICTORVILLE WATER DISTRICT | 3610052 | 100% GW | 120000 | 37 | 22 | 3610052-012 | Arsenic | 10 | ug/L | 10/25/2010 | 10 | 22 | 11.71 | 19 |
| | | | | | | | | 3610052-022 | Arsenic | 10 | ug/L | 4/5/2004 | 2 | 11 | 8.28 | 10 |
| | | | | | | | | 3610052-024 | Arsenic | 10 | ug/L | 1/13/2005 | 4 | 11 | 7.68 | 36 |
| | | | | | | | | 3610052-025 | Arsenic | 10 | ug/L | 10/26/2010 | 34 | 17 | 12.07 | 37 |
| | | | | | | | | 3610052-026 | Arsenic | 10 | ug/L | 10/1/2007 | 29 | 16 | 9.61 | 44 |
| | | | | | | | | 3610052-027 | Arsenic | 10 | ug/L | 10/25/2010 | 9 | 21 | 10.24 | 28 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|----------------|----------------------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3610052-031 | Arsenic | 10 | ug/L | 2/23/2010 | 7 | 13 | 9.33 | 34 |
| | | | | | | | | 3610052-032 | Arsenic | 10 | ug/L | 1/21/2009 | 7 | 12 | 7.89 | 29 |
| | | | | | | | | 3610052-033 | Arsenic | 10 | ug/L | 4/28/2010 | 12 | 14 | 10.77 | 19 |
| | | | | | | | | 3610052-034 | Arsenic | 10 | ug/L | 7/7/2010 | 39 | 19 | 10.70 | 62 |
| | | | | | | | | 3610052-038 | Arsenic | 10 | ug/L | 10/25/2010 | 13 | 28 | 17.26 | 14 |
| | | | | | | | | 3610052-039 | Arsenic | 10 | ug/L | 4/19/2010 | 5 | 22 | 12.18 | 13 |
| | | | | | | | | 3610052-044 | Arsenic | 10 | ug/L | 4/13/2004 | 6 | 12 | 7.87 | 36 |
| | | | | | | | | 3610052-046 | Arsenic | 10 | ug/L | 7/13/2010 | 18 | 19.8 | 12.08 | 26 |
| | | | | | | | | 3610052-047 | Arsenic | 10 | ug/L | 10/15/2009 | 19 | 19 | 12.78 | 24 |
| | | | | | | | | 3610052-048 | Arsenic | 10 | ug/L | 10/19/2007 | 2 | 20 | 8.59 | 28 |
| | | | | | | | | 3610052-049 | Arsenic | 10 | ug/L | 10/20/2010 | 24 | 22 | 16.53 | 25 |
| | | | | | | | | 3610052-050 | Arsenic | 10 | ug/L | 1/29/2008 | 5 | 18.4 | 8.21 | 30 |
| | | | | | | | | 3610052-051 | Arsenic | 10 | ug/L | 10/27/2010 | 21 | 16 | 11.76 | 27 |
| | | | | | | | | 3610052-052 | Arsenic | 10 | ug/L | 10/26/2010 | 14 | 24 | 12.00 | 24 |
| | | | | | | | | 3610052-057 | Arsenic | 10 | ug/L | 7/27/2010 | 6 | 19 | 11.99 | 7 |
| | | | | | | | | 3610052-028 | Fluoride | 2 | mg/L | 1/25/2006 | 5 | 2.64 | 0.36 | 580 |
| SAN BERNARDINO | Barstow city, Lenwood CDP | GOLDEN STATE WATER CO - BARSTOW | 3610043 | 100% GW | 25772 | 19 | 3 | 3610043-024 | Gross alpha particle activity | 15 | pCi/L | 11/16/2005 | 2 | 19.4 | 10.08 | 15 |
| | | | | | | | | 3610043-025 | Gross alpha particle activity | 15 | pCi/L | 8/1/2009 | 2 | 17.7 | 8.38 | 17 |
| | | | | | | | | 3610043-025 | Nitrate (as NO3) | 45 | mg/L | 1/4/2005 | 7 | 65 | 22.15 | 143 |
| | | | | | | | | 3610043-024 | Perchlorate | 6 | ug/L | 11/20/2010 | 2 | 120 | 37.33 | 6 |
| | | | | | | | | 3610043-025 | Perchlorate | 6 | ug/L | 11/20/2010 | 2 | 9.4 | 2.83 | 26 |
| SAN BERNARDINO | Big Bear City CDP | BIG BEAR CITY CSD | 3610008 | 100% GW | 6000 | 14 | 5 | 3610008-012 | Carbon tetrachloride | 0.5 | ug/L | 11/3/2010 | 41 | 1 | 0.76 | 42 |
| | | | | | | | | 3610008-005 | Fluoride | 2 | mg/L | 11/17/2010 | 341 | 7.3 | 3.41 | 427 |
| | | | | | | | | 3610008-007 | Fluoride | 2 | mg/L | 11/17/2010 | 372 | 12 | 4.55 | 438 |
| | | | | | | | | 3610008-008 | Fluoride | 2 | mg/L | 11/17/2010 | 423 | 5.3 | 2.66 | 440 |
| | | | | | | | | 3610008-010 | Fluoride | 2 | mg/L | 10/8/2008 | 48 | 5.8 | 1.40 | 415 |
| SAN BERNARDINO | Big Bear City CDP, Big Bear Lake city | DWP - BIG BEAR LAKE/MOONRIDGE | 3610044 | 100% GW | 6869 | 39 | 1 | 3610044-036 | Arsenic | 10 | ug/L | 10/13/2005 | 2 | 22 | 20.00 | 2 |
| | | | | | | | | | | | | | | | | |
| SAN BERNARDINO | Chino city, Eastvale CDP, Ontario city | CHINO BASIN DESALTER AUTH. - DESALTER 1 | 3610075 | 100% GW | 0 | 14 | 14 | 3610075-001 | Arsenic | 10 | ug/L | 4/20/2010 | 8 | 14 | 10.72 | 21 |
| | | | | | | | | 3610075-002 | Arsenic | 10 | ug/L | 7/6/2010 | 8 | 13 | 10.42 | 21 |
| | | | | | | | | 3610075-005 | Gross alpha particle activity | 15 | pCi/L | 7/9/2008 | 2 | 16.5 | 11.69 | 13 |
| | | | | | | | | 3610075-008 | Gross alpha particle activity | 15 | pCi/L | 10/1/2008 | 7 | 21.6 | 14.62 | 14 |
| | | | | | | | | 3610075-009 | Gross alpha particle activity | 15 | pCi/L | 7/13/2010 | 10 | 21.7 | 16.62 | 13 |
| | | | | | | | | 3610075-010 | Gross alpha particle activity | 15 | pCi/L | 7/13/2010 | 4 | 22.3 | 12.71 | 13 |
| | | | | | | | | 3610075-011 | Gross alpha particle activity | 15 | pCi/L | 7/13/2010 | 2 | 17.1 | 9.12 | 12 |
| | | | | | | | | 3610075-003 | Nitrate (as NO3) | 45 | mg/L | 5/11/2010 | 2 | 68 | 26.43 | 94 |
| | | | | | | | | 3610075-004 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 103 | 443 | 114.85 | 105 |
| | | | | | | | | 3610075-005 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 99 | 302 | 249.66 | 101 |
| | | | | | | | | 3610075-006 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 88 | 370 | 214.61 | 90 |
| | | | | | | | | 3610075-007 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 102 | 364 | 196.47 | 104 |
| | | | | | | | | 3610075-008 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 93 | 500 | 282.35 | 94 |
| | | | | | | | | 3610075-009 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 102 | 400 | 264.50 | 104 |
| | | | | | | | | 3610075-010 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 96 | 290 | 157.18 | 98 |
| | | | | | | | | 3610075-011 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 101 | 195 | 132.63 | 102 |
| | | | | | | | | 3610075-013 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 55 | 170 | 148.79 | 56 |
| | | | | | | | | 3610075-014 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 59 | 207 | 164.44 | 59 |
| | | | | | | | | 3610075-015 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 56 | 240 | 194.82 | 57 |
| | | | | | | | | 3610075-002 | Trichloroethylene (TCE) | 5 | ug/L | 11/9/2005 | 22 | 16 | 3.89 | 92 |
| | | | | | | | | 3610075-003 | Trichloroethylene (TCE) | 5 | ug/L | 11/10/2010 | 70 | 55 | 27.45 | 79 |
| | | | | | | | | 3610075-008 | Uranium | 20 | pCi/L | 10/1/2008 | 2 | 22.6 | 15.80 | 10 |
| SAN BERNARDINO | Chino city, Upland city | CALIFORNIA INSTITUTION FOR MEN | 3610850 | 100% GW | 12065 | 7 | 7 | 3610850-001 | Nitrate (as NO3) | 45 | mg/L | 8/4/2010 | 154 | 78.7 | 54.95 | 167 |
| | | | | | | | | 3610850-002 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 169 | 110 | 56.99 | 176 |
| | | | | | | | | 3610850-003 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 46 | 75 | 44.27 | 97 |
| | | | | | | | | 3610850-004 | Nitrate (as NO3) | 45 | mg/L | 5/5/2010 | 7 | 60 | 31.81 | 163 |
| | | | | | | | | 3610850-007 | Nitrate (as NO3) | 45 | mg/L | 6/2/2010 | 75 | 57.3 | 44.43 | 132 |
| | | | | | | | | 3610850-008 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 139 | 720 | 96.20 | 144 |
| | | | | | | | | 3610850-013 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 116 | 76 | 51.33 | 118 |
| | | | | | | | | 3610850-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 9/2/2009 | 6 | 8.2 | 2.24 | 148 |
| | | | | | | | | 3610850-003 | Tetrachloroethylene (PCE) | 5 | ug/L | 8/13/2002 | 2 | 8.3 | 0.63 | 54 |
| | | | | | | | | 3610850-004 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/16/2008 | 53 | 8.4 | 4.54 | 135 |
| | | | | | | | | 3610850-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/16/2006 | 3 | 5.37 | 2.55 | 98 |

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|----------------|----------------------------------------------------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3610850-004 | Trichloroethylene (TCE) | 5 | ug/L | 12/31/2002 | 2 | 99.8 | 0.91 | 119 |
| SAN BERNARDINO | City of Arrowbear Lake | ARROWBEAR PARK CWD | 3610110 | 100% GW | 580 | 4 | 4 | 3610110-001 | Gross alpha particle activity | 15 | pCi/L | 10/27/2010 | 115 | 140 | 77.51 | 116 |
| | | | | | | | | 3610110-003 | Gross alpha particle activity | 15 | pCi/L | 11/4/2010 | 114 | 146 | 63.47 | 114 |
| | | | | | | | | 3610110-004 | Gross alpha particle activity | 15 | pCi/L | 11/10/2010 | 110 | 180 | 88.59 | 110 |
| | | | | | | | | 3610110-006 | Gross alpha particle activity | 15 | pCi/L | 10/20/2010 | 109 | 170 | 79.33 | 109 |
| | | | | | | | | 3610110-001 | Uranium | 20 | pCi/L | 9/1/2010 | 26 | 120 | 78.87 | 27 |
| | | | | | | | | 3610110-003 | Uranium | 20 | pCi/L | 11/4/2010 | 30 | 90 | 67.50 | 30 |
| | | | | | | | | 3610110-004 | Uranium | 20 | pCi/L | 3/3/2010 | 20 | 150 | 95.90 | 21 |
| | | | | | | | | 3610110-006 | Uranium | 20 | pCi/L | 6/2/2010 | 25 | 99 | 73.38 | 25 |
| SAN BERNARDINO | Colton city, Grand Terrace city, San Bernardino city | RIVERSIDE HIGHLAND WATER CO | 3610057 | 100% GW | 14500 | 6 | 1 | 3610057-009 | Nitrate (as NO3) | 45 | mg/L | 1/8/2009 | 2 | 51 | 30.96 | 23 |
| SAN BERNARDINO | Colton city, San Bernardino city | CITY OF COLTON | 3610014 | 100% GW | 51350 | 16 | 2 | 3610014-025 | Arsenic | 10 | ug/L | 9/1/2010 | 7 | 27 | 15.17 | 12 |
| | | | | | | | | 3610014-012 | Perchlorate | 6 | ug/L | 11/10/2010 | 8 | 10 | 3.91 | 20 |
| SAN BERNARDINO | Crestline City | CDF-PILOT ROCK CONSERVATION CAMP | 3610801 | 100% GW | 85 | 3 | 1 | 3610801-002 | Gross alpha particle activity | 15 | pCi/L | 5/22/2008 | 3 | 25.3 | 19.10 | 4 |
| SAN BERNARDINO | Fort Irwin CDP | US ARMY FORT IRWIN | 3610705 | 100% GW | 16000 | 7 | 6 | 3610705-001 | Arsenic | 10 | ug/L | 12/13/2009 | 6 | 11 | 9.07 | 19 |
| | | | | | | | | 3610705-009 | Arsenic | 10 | ug/L | 2/18/2010 | 18 | 38 | 33.22 | 18 |
| | | | | | | | | 3610705-012 | Arsenic | 10 | ug/L | 2/18/2010 | 5 | 34 | 28.40 | 5 |
| | | | | | | | | 3610705-015 | Arsenic | 10 | ug/L | 2/18/2010 | 21 | 18 | 16.76 | 21 |
| | | | | | | | | 3610705-001 | Fluoride | 2 | mg/L | 2/18/2010 | 19 | 7.8 | 7.21 | 19 |
| | | | | | | | | 3610705-002 | Fluoride | 2 | mg/L | 2/18/2010 | 19 | 15 | 8.70 | 19 |
| | | | | | | | | 3610705-003 | Fluoride | 2 | mg/L | 2/18/2010 | 5 | 4.4 | 3.50 | 6 |
| | | | | | | | | 3610705-009 | Fluoride | 2 | mg/L | 2/18/2010 | 18 | 12 | 9.31 | 18 |
| | | | | | | | | 3610705-012 | Fluoride | 2 | mg/L | 2/18/2010 | 4 | 2.5 | 2.26 | 5 |
| | | | | | | | | 3610705-015 | Fluoride | 2 | mg/L | 2/18/2010 | 21 | 3.9 | 3.33 | 21 |
| | | | | | | | | 3610705-002 | Gross alpha particle activity | 15 | pCi/L | 3/21/2008 | 4 | 25 | 15.65 | 10 |
| SAN BERNARDINO | Highland city, Homestead Valley CDP, Yucaipa city, Yucca Valley town | HI DESERT WD | 3610073 | 100% GW | 21268 | 13 | 5 | 3610073-020 | Arsenic | 10 | ug/L | 9/2/2010 | 20 | 17 | 11.12 | 28 |
| | | | | | | | | 3610073-022 | Arsenic | 10 | ug/L | 4/7/2010 | 18 | 15 | 9.53 | 35 |
| | | | | | | | | 3610073-016 | Fluoride | 2 | mg/L | 2/19/2003 | 2 | 2.3 | 1.50 | 25 |
| | | | | | | | | 3610073-008 | Nitrate (as NO3) | 45 | mg/L | 9/25/2002 | 7 | 53 | 21.91 | 164 |
| | | | | | | | | 3610073-021 | Nitrate (as NO3) | 45 | mg/L | 3/31/2004 | 21 | 56 | 26.01 | 172 |
| SAN BERNARDINO | Homestead Valley CDP | BIGHORN - DESERT VIEW WATER AGENCY | 3610009 | 100% GW | 2575 | 8 | 2 | 3610009-003 | Gross alpha particle activity | 15 | pCi/L | 9/8/2010 | 6 | 18 | 14.60 | 12 |
| | | | | | | | | 3610009-004 | Gross alpha particle activity | 15 | pCi/L | 6/7/2010 | 2 | 18.9 | 13.11 | 11 |
| SAN BERNARDINO | Loma Linda city, Redlands city, San Bernardino city | CITY OF LOMA LINDA | 3610013 | 100% GW | 22451 | 9 | 4 | 3610013-009 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/3/2010 | 9 | 0.37 | 0.06 | 411 |
| | | | | | | | | 3610013-017 | Arsenic | 10 | ug/L | 11/2/2010 | 40 | 39 | 20.32 | 41 |
| | | | | | | | | 3610013-018 | Arsenic | 10 | ug/L | 10/5/2010 | 232 | 44 | 32.55 | 222 |
| | | | | | | | | 3610013-024 | Arsenic | 10 | ug/L | 11/3/2010 | 38 | 33 | 20.97 | 38 |
| | | | | | | | | 3610013-018 | Fluoride | 2 | mg/L | 10/5/2010 | 326 | 3 | 2.22 | 457 |
| | | | | | | | | 3610013-009 | Perchlorate | 6 | ug/L | 10/5/2010 | 115 | 26 | 4.74 | 441 |
| SAN BERNARDINO | Morongo Valley CDP | GOLDEN STATE WATER CO - MORONGO DEL SUR | 3610063 | 100% GW | 2458 | 3 | 3 | 3610063-004 | Gross alpha particle activity | 15 | pCi/L | 11/9/2010 | 15 | 24.2 | 16.67 | 23 |
| | | | | | | | | 3610063-006 | Gross alpha particle activity | 15 | pCi/L | 11/23/2010 | 16 | 24.9 | 16.06 | 26 |
| | | | | | | | | 3610063-007 | Gross alpha particle activity | 15 | pCi/L | 8/3/2010 | 2 | 27.9 | 25.05 | 2 |
| | | | | | | | | 3610063-004 | Uranium | 20 | pCi/L | 5/13/2008 | 11 | 23 | 18.78 | 30 |
| | | | | | | | | 3610063-006 | Uranium | 20 | pCi/L | 5/13/2008 | 10 | 23 | 17.93 | 30 |
| SAN BERNARDINO | Muscoy CDP, Rialto city, San Bernardino city | SAN BERNARDINO CITY | 3610039 | 100% GW | 180315 | 55 | 18 | 3610039-126 | Gross alpha particle activity | 15 | pCi/L | 10/28/2008 | 2 | 16.8 | 13.15 | 4 |
| | | | | | | | | 3610039-014 | Nitrate (as NO3) | 45 | mg/L | 10/6/2010 | 246 | 77.3 | 50.31 | 403 |
| | | | | | | | | 3610039-023 | Nitrate (as NO3) | 45 | mg/L | 7/13/2010 | 4 | 47 | 32.32 | 50 |
| | | | | | | | | 3610039-012 | Perchlorate | 6 | ug/L | 7/2/2009 | 5 | 9.2 | 4.36 | 22 |
| | | | | | | | | 3610039-030 | Perchlorate | 6 | ug/L | 7/20/2010 | 2 | 7.7 | 3.87 | 10 |
| | | | | | | | | 3610039-047 | Perchlorate | 6 | ug/L | 5/10/2004 | 7 | 9.04 | 4.30 | 19 |
| | | | | | | | | 3610039-048 | Perchlorate | 6 | ug/L | 10/2/2007 | 3 | 8.1 | 4.53 | 15 |
| | | | | | | | | 3610039-005 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/14/2010 | 48 | 10 | 6.96 | 57 |
| | | | | | | | | 3610039-007 | Tetrachloroethylene (PCE) | 5 | ug/L | 6/3/2010 | 45 | 7.9 | 2.80 | 330 |
| | | | | | | | | 3610039-008 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/21/2009 | 27 | 9 | 6.00 | 34 |
| | | | | | | | | 3610039-009 | Tetrachloroethylene (PCE) | 5 | ug/L | 4/14/2010 | 28 | 9.3 | 6.63 | 33 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|----------------|------------------------------------------------------------------------------------------|----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 3610039-031 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/27/2005 | 7 | 7.6 | 4.04 | 36 |
| | | | | | | | | 3610039-040 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2004 | 7 | 9 | 3.27 | 34 |
| | | | | | | | | 3610039-069 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2010 | 19 | 13 | 8.47 | 19 |
| | | | | | | | | 3610039-113 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2010 | 21 | 7.8 | 5.09 | 39 |
| | | | | | | | | 3610039-114 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/13/2010 | 29 | 8.8 | 5.66 | 39 |
| | | | | | | | | 3610039-119 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/9/2003 | 6 | 6.7 | 3.67 | 36 |
| SAN BERNARDINO | Ontario city, Rancho Cucamonga city, San Antonio Heights CDP, Upland city | SAN ANTONIO WATER COMPANY | 3610085 | 100% GW | 3165 | 10 | 3 | 3610085-004 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/15/2005 | 9 | 0.82 | 0.10 | 176 |
| | | | | | | | | 3610085-010 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/24/2010 | 3 | 0.26 | 0.12 | 117 |
| | | | | | | | | 3610085-011 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/9/2005 | 43 | 0.33 | 0.13 | 172 |
| SAN BERNARDINO | Ridgecrest city | SEARLES VALLEY MINERALS OPERATIONS INC | 3610854 | 100% GW | 2100 | 5 | 3 | 3610854-003 | Arsenic | 10 | ug/L | 9/14/2010 | 15 | 24 | 20.95 | 16 |
| | | | | | | | | 3610854-006 | Arsenic | 10 | ug/L | 12/8/2009 | 3 | 13 | 8.46 | 16 |
| | | | | | | | | 3610854-007 | Arsenic | 10 | ug/L | 9/14/2010 | 14 | 39 | 24.66 | 16 |
| SAN BERNARDINO | San Bernardino city | BASELINE GARDENS MWC | 3610007 | 100% GW | 1300 | 2 | 1 | 3610007-003 | Nitrate (as NO3) | 45 | mg/L | 7/29/2010 | 6 | 63 | 49.11 | 7 |
| | | | | | | | | 3610007-003 | Perchlorate | 6 | ug/L | 7/29/2010 | 6 | 17 | 12.69 | 5 |
| SAN BERNARDINO | Silver Lakes CDP | HELENDALE COMMUNITY SERVICE DISTRICT | 3610112 | 100% GW | 8646 | 7 | 3 | 3610112-003 | Arsenic | 10 | ug/L | 8/25/2010 | 32 | 25 | 16.95 | 35 |
| | | | | | | | | 3610112-006 | Arsenic | 10 | ug/L | 8/25/2010 | 37 | 30 | 20.54 | 37 |
| | | | | | | | | 3610112-007 | Arsenic | 10 | ug/L | 8/31/2010 | 30 | 23 | 13.65 | 36 |
| | | | | | | | | 3610112-006 | Gross alpha particle activity | 15 | pCi/L | 3/2/2007 | 2 | 16 | 9.65 | 10 |
| | | | | | | | | 3610112-007 | Gross alpha particle activity | 15 | pCi/L | 11/17/2010 | 11 | 46 | 16.31 | 23 |
| SAN BERNARDINO | Twentynine Palms city | TWENTYNINE PALMS WATER DIST | 3610049 | 100% GW | 17500 | 12 | 4 | 3610049-011 | Arsenic | 10 | ug/L | 10/4/2010 | 42 | 21 | 15.00 | 43 |
| | | | | | | | | 3610049-009 | Fluoride | 2 | mg/L | 11/1/2010 | 102 | 2.8 | 2.37 | 108 |
| | | | | | | | | 3610049-011 | Fluoride | 2 | mg/L | 11/1/2010 | 88 | 2.7 | 2.32 | 94 |
| | | | | | | | | 3610049-018 | Fluoride | 2 | mg/L | 10/31/2010 | 68 | 6.7 | 5.85 | 68 |
| | | | | | | | | 3610049-015 | Gross alpha particle activity | 15 | pCi/L | 11/28/2007 | 7 | 19.5 | 18.00 | 8 |
| SAN BERNARDINO | Twentynine Palms city | USMC - 29 PALMS | 3610703 | 100% GW | 24373 | 11 | 1 | 3610703-004 | Arsenic | 10 | ug/L | 6/8/2006 | 9 | 13 | 10.18 | 17 |
| SAN BERNARDINO | Victorville city | FEDERAL CORRECTIONAL INSTITUTION | 3610707 | 100% GW | 4756 | 3 | 2 | 3610707-002 | Arsenic | 10 | ug/L | 4/1/2009 | 7 | 15 | 5.36 | 37 |
| | | | | | | | | 3610707-003 | Arsenic | 10 | ug/L | 4/1/2009 | 3 | 50.4 | 5.56 | 38 |
| SAN BERNARDINO | Bloomington CDP, Colton city, Fontana city, Muscoy CDP, Rialto city, San Bernardino city | WEST VALLEY WATER DISTRICT | 3610004 | >50% GW Mixed | 65283 | 18 | 4 | 3610004-002 | Arsenic | 10 | ug/L | 12/12/2006 | 3 | 12 | 7.56 | 43 |
| | | | | | | | | 3610004-008 | Nitrate (as NO3) | 45 | mg/L | 2/26/2004 | 3 | 53 | 38.35 | 32 |
| | | | | | | | | 3610004-008 | Perchlorate | 6 | ug/L | 7/7/2010 | 3 | 13 | 2.72 | 41 |
| | | | | | | | | 3610004-031 | Perchlorate | 6 | ug/L | 12/27/2004 | 7 | 7.3 | 4.05 | 64 |
| | | | | | | | | 3610004-034 | Perchlorate | 6 | ug/L | 10/7/2008 | 8 | 9.4 | 4.09 | 305 |
| SAN BERNARDINO | Chino city | CITY OF CHINO | 3610012 | >50% GW Mixed | 62000 | 9 | 2 | 3610012-009 | Nitrate (as NO3) | 45 | mg/L | 9/16/2010 | 17 | 96 | 75.8 | 17 |
| | | | | | | | | 3610012-009 | Perchlorate | 6 | ug/L | 9/16/2010 | 14 | 24 | 18 | 17 |
| SAN BERNARDINO | Chino city, Montclair city, Ontario city, Upland city | MONTE VISTA CWD | 3610029 | >50% GW Mixed | 54415 | 13 | 7 | 3610029-003 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 7/7/2010 | 70 | 0.5 | 0.26 | 104 |
| | | | | | | | | 3610029-025 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 3/19/2009 | 16 | 0.32 | 0.16 | 93 |
| | | | | | | | | 3610029-036 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/1/2010 | 30 | 0.55 | 0.23 | 39 |
| | | | | | | | | 3610029-038 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 1/7/2010 | 2 | 0.23 | 0.12 | 33 |
| | | | | | | | | 3610029-039 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/22/2010 | 9 | 0.36 | 0.24 | 15 |
| | | | | | | | | 3610029-003 | Nitrate (as NO3) | 45 | mg/L | 10/7/2010 | 101 | 81 | 63.01 | 107 |
| | | | | | | | | 3610029-005 | Nitrate (as NO3) | 45 | mg/L | 12/1/2009 | 66 | 62 | 44.82 | 106 |
| | | | | | | | | 3610029-009 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 91 | 66 | 55.10 | 101 |
| | | | | | | | | 3610029-025 | Nitrate (as NO3) | 45 | mg/L | 11/5/2010 | 88 | 85 | 56.95 | 93 |
| | | | | | | | | 3610029-036 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 30 | 90 | 52.20 | 44 |
| | | | | | | | | 3610029-038 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 39 | 76 | 56.62 | 46 |
| | | | | | | | | 3610029-039 | Nitrate (as NO3) | 45 | mg/L | 11/16/2010 | 33 | 80 | 69.56 | 34 |
| | | | | | | | | 3610029-039 | Perchlorate | 6 | ug/L | 10/20/2010 | 5 | 8 | 5.42 | 15 |
| | | | | | | | | 3610029-038 | Total Trihalomethanes | 80 | ug/L | 6/11/2008 | 2 | 85.5 | 23.54 | 33 |
| SAN BERNARDINO | Claremont city, Montclair city, Ontario city, San Antonio Heights CDP, Upland city | CITY OF UPLAND | 3610050 | >50% GW Mixed | 73000 | 12 | 3 | 3610050-023 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/15/2009 | 14 | 0.4 | 0.20 | 30 |
| | | | | | | | | 3610050-026 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/15/2009 | 16 | 0.39 | 0.20 | 30 |
| | | | | | | | | 3610050-045 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/8/2009 | 2 | 0.31 | 0.26 | 3 |
| | | | | | | | | 3610050-023 | Nitrate (as NO3) | 45 | mg/L | 4/28/2010 | 34 | 78 | 66.83 | 35 |
| | | | | | | | | 3610050-026 | Nitrate (as NO3) | 45 | mg/L | 4/28/2010 | 34 | 81 | 65.90 | 36 |
| | | | | | | | | 3610050-045 | Perchlorate | 6 | ug/L | 10/8/2009 | 2 | 7.5 | 7.50 | 2 |
| SAN BERNARDINO | Crestline CDP | CEDARPINES PARK MWC | 3610011 | >50% GW Mixed | 2418 | 18 | 1 | 3610011-018 | Gross alpha particle activity | 15 | pCi/L | 1/4/2010 | 11 | 33 | 15.92 | 18 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|----------------|--------------------------------------------|-------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| SAN BERNARDINO | Crestline CDP, Los Angeles city | VALLEY OF ENCHANTMENT MWC | 3610051 | >50% GW Mixed | 1280 | 20 | 1 | 3610051-018 | Gross alpha particle activity | 15 | pCi/L | 11/1/2010 | 24 | 22.2 | 15.89 | 31 |
| SAN BERNARDINO | Ontario city, Rancho Cucamonga city | ONTARIO MUNICIPAL UTILITIES COMPANY | 3610034 | >50% GW Mixed | 174536 | 24 | 3 | 3610034-043 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 10 | 61 | 54.50 | 10 |
| | | | | | | | | 3610034-044 | Nitrate (as NO3) | 45 | mg/L | 11/1/2010 | 10 | 56 | 50.70 | 10 |
| | | | | | | | | 3610034-045 | Nitrate (as NO3) | 45 | mg/L | 12/20/2009 | 5 | 52 | 37.25 | 8 |
| | | | | | | | | 3610034-043 | Perchlorate | 6 | ug/L | 10/25/2010 | 2 | 6.5 | 5.53 | 6 |
| SAN BERNARDINO | Rialto city, San Bernardino city | RIALTO-CITY | 3610038 | >50% GW Mixed | 48623 | 13 | 5 | 3610038-015 | Nitrate (as NO3) | 45 | mg/L | 1/7/2008 | 66 | 53 | 34.93 | 208 |
| | | | | | | | | 3610038-001 | Perchlorate | 6 | ug/L | 10/15/2010 | 134 | 45 | 13.14 | 169 |
| | | | | | | | | 3610038-003 | Perchlorate | 6 | ug/L | 1/4/2010 | 2 | 7.9 | 3.13 | 12 |
| | | | | | | | | 3610038-009 | Perchlorate | 6 | ug/L | 10/4/2010 | 40 | 94 | 12.72 | 73 |
| | | | | | | | | 3610038-015 | Perchlorate | 6 | ug/L | 9/15/2010 | 137 | 25 | 7.41 | 186 |
| | | | | | | | | 3610038-017 | Perchlorate | 6 | ug/L | 5/3/2010 | 15 | 8 | 2.48 | 273 |
| SAN BERNARDINO | Running Springs CDP, Yucaipa city | RUNNING SPRINGS WATER DISTRICT | 3610062 | >50% GW Mixed | 4475 | 26 | 4 | 3610062-011 | Gross alpha particle activity | 15 | pCi/L | 8/24/2010 | 34 | 56 | 28.19 | 37 |
| | | | | | | | | 3610062-022 | Gross alpha particle activity | 15 | pCi/L | 9/8/2010 | 8 | 35 | 15.94 | 16 |
| | | | | | | | | 3610062-034 | Gross alpha particle activity | 15 | pCi/L | 8/18/2010 | 20 | 44 | 32.52 | 21 |
| | | | | | | | | 3610062-101 | Gross alpha particle activity | 15 | pCi/L | 4/18/2007 | 2 | 19 | 11.90 | 8 |
| | | | | | | | | 3610062-011 | Uranium | 20 | pCi/L | 8/24/2010 | 20 | 72 | 25.21 | 38 |
| | | | | | | | | 3610062-022 | Uranium | 20 | pCi/L | 9/8/2010 | 8 | 44 | 19.30 | 16 |
| | | | | | | | | 3610062-034 | Uranium | 20 | pCi/L | 8/18/2010 | 23 | 39 | 29.41 | 25 |
| | | | | | | | | | | | | | | | | |
| SAN BERNARDINO | Twin Peaks | ALPINE WATER USERS ASSOCIATION | 3610002 | Mixed <50%GW | 3000 | 7 | 7 | 3610002-001 | Gross alpha particle activity | 15 | pCi/L | 10/20/2010 | 81 | 37 | 21.6407767 | 81 |
| | | | | | | | | 3610002-003 | Gross alpha particle activity | 15 | pCi/L | 10/20/2010 | 103 | 58 | 39.6875 | 103 |
| | | | | | | | | 3610002-004 | Gross alpha particle activity | 15 | pCi/L | 1/20/2010 | 22 | 43.2 | 12.050381 | 22 |
| | | | | | | | | 3610002-005 | Gross alpha particle activity | 15 | pCi/L | 9/14/2005 | 9 | 29 | 6.93174419 | 9 |
| | | | | | | | | 3610002-006 | Gross alpha particle activity | 15 | pCi/L | 2/18/2004 | 2 | 120 | 4.98571429 | 2 |
| | | | | | | | | 3610002-007 | Gross alpha particle activity | 15 | pCi/L | 10/20/2010 | 95 | 98 | 37.4929293 | 95 |
| | | | | | | | | 3610002-009 | Gross alpha particle activity | 15 | pCi/L | 10/20/2010 | 83 | 53 | 24.1067308 | 83 |
| | | | | | | | | 3610002-001 | Uranium | 20 | pCi/L | 10/20/2010 | 70 | 40 | 22.9961905 | 70 |
| | | | | | | | | 3610002-003 | Uranium | 20 | pCi/L | 10/20/2010 | 103 | 67 | 39.9134615 | 102 |
| | | | | | | | | 3610002-004 | Uranium | 20 | pCi/L | 2/17/2010 | 17 | 37 | 14.3486792 | 16 |
| | | | | | | | | 3610002-005 | Uranium | 20 | pCi/L | 9/14/2005 | 5 | 27 | 7.37850575 | 5 |
| | | | | | | | | 3610002-006 | Uranium | 20 | pCi/L | 2/18/2004 | 2 | 81.5 | 5.39644231 | 2 |
| | | | | | | | | 3610002-007 | Uranium | 20 | pCi/L | 10/20/2010 | 92 | 110 | 39.084 | 90 |
| | | | | | | | | 3610002-009 | Uranium | 20 | pCi/L | 10/20/2010 | 60 | 56 | 24.0885714 | 58 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | 3610005-006 | Gross alpha particle activity | 15 | pCi/L | 10/25/2010 | 47 | 200 | 135.829787 | 47 |
| | | | | | | | | 3610005-007 | Gross alpha particle activity | 15 | pCi/L | 10/25/2010 | 40 | 130 | 67.2642857 | 40 |
| | | | | | | | | 3610005-009 | Gross alpha particle activity | 15 | pCi/L | 10/25/2010 | 51 | 42 | 20.0462963 | 51 |
| SAN BERNARDINO | Lake Arrowhead | LAKE ARROWHEAD CSD | 3610005 | Mixed <50%GW | 4292 | 5 | 6 | 3610005-012 | Gross alpha particle activity | 15 | pCi/L | 10/25/2010 | 12 | 110 | 46.6666667 | 12 |
| | | | | | | | | 3610005-013 | Gross alpha particle activity | 15 | pCi/L | 10/25/2010 | 12 | 130 | 93.25 | 12 |
| | | | | | | | | 3610005-006 | Uranium | 20 | pCi/L | 10/25/2010 | 45 | 240 | 131.111111 | 45 |
| | | | | | | | | 3610005-007 | Uranium | 20 | pCi/L | 10/25/2010 | 38 | 130 | 65.902439 | 38 |
| | | | | | | | | 3610005-009 | Uranium | 20 | pCi/L | 10/25/2010 | 41 | 34 | 23.6365385 | 41 |
| | | | | | | | | 3610005-012 | Uranium | 20 | pCi/L | 10/25/2010 | 12 | 75 | 58.25 | 12 |
| | | | | | | | | 3610005-013 | Uranium | 20 | pCi/L | 10/25/2010 | 12 | 130 | 98.1666667 | 12 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | 3610018-005 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/3/2010 | 24 | 0.35 | 0.09732168 | 24 |
| | | | | | | | | 3610018-006 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 12/3/2009 | 36 | 0.58 | 0.19145283 | 36 |
| | | | | | | | | 3610018-007 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/3/2010 | 67 | 0.83 | 0.28110811 | 67 |
| | | | | | | | | 3610018-029 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/13/2010 | 182 | 0.94 | 0.24955921 | 182 |
| | | | | | | | | 3610018-032 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/3/2010 | 73 | 0.69 | 0.25520168 | 73 |
| | | | | | | | | 3610018-039 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/3/2010 | 47 | 0.89 | 0.24279167 | 46 |
| | | | | | | | | 3610018-002 | Nitrate (as NO3) | 45 | mg/L | 3/30/2010 | 34 | 59 | 19.1585492 | 34 |
| | | | | | | | | 3610018-005 | Nitrate (as NO3) | 45 | mg/L | 8/3/2010 | 35 | 89 | 40.6013514 | 35 |
| | | | | | | | | 3610018-006 | Nitrate (as NO3) | 45 | mg/L | 8/3/2010 | 50 | 82 | 48.2222222 | 50 |
| | | | | | | | | 3610018-007 | Nitrate (as NO3) | 45 | mg/L | 8/3/2010 | 38 | 71 | 42.6551724 | 38 |
| SAN BERNARDINO | Rancho Cucamonga, Upland, Ontario, Fontana | CUCAMONGA VALLEY WATER DISTRICT | 3610018 | Mixed <50%GW | 185534 | 28 | 10 | 3610018-010 | Nitrate (as NO3) | 45 | mg/L | 11/22/2010 | 269 | 66 | 47.6862259 | 269 |
| | | | | | | | | 3610018-029 | Nitrate (as NO3) | 45 | mg/L | 10/12/2004 | 5 | 78 | 25.4993548 | 5 |
| | | | | | | | | 3610018-032 | Nitrate (as NO3) | 45 | mg/L | 8/6/2009 | 12 | 55 | 36.0731707 | 12 |
| | | | | | | | | 3610018-037 | Nitrate (as NO3) | 45 | mg/L | 4/9/2008 | 8 | 49 | 24.9860825 | 8 |
| | | | | | | | | 3610018-038 | Nitrate (as NO3) | 45 | mg/L | 8/3/2010 | 125 | 93 | 75.7874016 | 124 |
| | | | | | | | | 3610018-039 | Nitrate (as NO3) | 45 | mg/L | 8/3/2010 | 93 | 79 | 55.5793651 | 88 |
| | | | | | | | | 3610018-002 | Perchlorate | 6 | ug/L | 3/30/2010 | 18 | 9.8 | 1.52222222 | 18 |
| | | | | | | | | 3610018-037 | Perchlorate | 6 | ug/L | 6/14/2010 | 15 | 8.6 | 3.92595184 | 15 |
| | | | | | | | | | | | | | | | | |
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Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|----------------|---------------------------|-------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| SAN BERNARDINO | Green Valley Lake | GREEN VALLEY MWC | 3610023 | Mixed <50%GW | 700 | 24 | 2 | 3610023-034 | Gross alpha particle activity | 15 | pCi/L | 10/15/2010 | 6 | 36 | 22 | 6 |
| | | | | | | | | 3610023-035 | Gross alpha particle activity | 15 | pCi/L | 4/15/2010 | 4 | 23 | 14.5625 | 4 |
| | | | | | | | | 3610023-034 | Uranium | 20 | pCi/L | 1/6/2006 | 2 | 22 | 17.6666667 | 2 |
| SAN BERNARDINO | Chino Hills | CITY OF CHINO HILLS | 3610036 | Mixed <50%GW | 78725 | 5 | 1 | 3610036-017 | Arsenic | 10 | ug/L | 11/16/2010 | 25 | 17 | 8.56851852 | 25 |
| SAN BERNARDINO | Redlands | REDLANDS CITY MUD-WATER DIV | 3610037 | Mixed <50%GW | 80000 | 25 | 4 | 3610037-037 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/5/2002 | 2 | 0.97 | 0.08528205 | 2 |
| | | | | | | | | 3610037-037 | Nitrate (as NO3) | 45 | mg/L | 12/16/2008 | 29 | 57 | 47.9230769 | 28 |
| | | | | | | | | 3610037-039 | Nitrate (as NO3) | 45 | mg/L | 6/5/2002 | 2 | 49 | 41.8235294 | 2 |
| | | | | | | | | 3610037-031 | Perchlorate | 6 | ug/L | 10/9/2002 | 4 | 9 | 3.7484386 | 3 |
| | | | | | | | | 3610037-037 | Perchlorate | 6 | ug/L | 4/7/2009 | 28 | 8.8 | 6.60232558 | 25 |
| | | | | | | | | 3610037-039 | Perchlorate | 6 | ug/L | 12/16/2008 | 9 | 7.6 | 5.80952381 | 8 |
| | | | | | | | | 3610037-060 | Perchlorate | 6 | ug/L | 10/20/2010 | 14 | 9 | 5.16046 | 14 |
| SAN BERNARDINO | Yucaipa | WESTERN HEIGHTS WATER COMPANY | 3610053 | Mixed <50%GW | 7120 | 5 | 1 | 3610053-011 | Nitrate (as NO3) | 45 | mg/L | 7/13/2009 | 7 | 46 | 22.3240566 | 5 |
| SAN BERNARDINO | San Bernardino | EAST VALLEY WATER DISTRICT | 3610064 | Mixed <50%GW | 70000 | 22 | 7 | 3610064-022 | Fluoride | 2 | mg/L | 11/16/2010 | 6 | 2.2 | 1.83625 | 6 |
| | | | | | | | | 3610064-024 | Fluoride | 2 | mg/L | 11/16/2010 | 583 | 3.6 | 2.66393162 | 569 |
| | | | | | | | | 3610064-025 | Gross alpha particle activity | 15 | pCi/L | 11/2/2010 | 30 | 57.89 | 25.9180645 | 25 |
| | | | | | | | | 3610064-046 | Gross alpha particle activity | 15 | pCi/L | 10/28/2009 | 6 | 22.1 | 13.5333333 | 6 |
| | | | | | | | | 3610064-022 | Nitrate (as NO3) | 45 | mg/L | 9/10/2010 | 115 | 62 | 47.9830189 | 114 |
| | | | | | | | | 3610064-025 | Nitrate (as NO3) | 45 | mg/L | 11/16/2010 | 30 | 60 | 39.2149533 | 28 |
| | | | | | | | | 3610064-028 | Nitrate (as NO3) | 45 | mg/L | 11/18/2010 | 189 | 52 | 44.3974227 | 189 |
| | | | | | | | | 3610064-018 | Perchlorate | 6 | ug/L | 8/19/2008 | 12 | 12 | 7.1826087 | 12 |
| | | | | | | | | 3610064-022 | Perchlorate | 6 | ug/L | 11/21/2003 | 3 | 6.6 | 3.39277108 | 3 |
| | | | | | | | | 3610064-023 | Perchlorate | 6 | ug/L | 11/21/2003 | 2 | 7.1 | 3.97692308 | 2 |
| | | | | | | | | 3610064-028 | Perchlorate | 6 | ug/L | 11/4/2010 | 98 | 10 | 7.76796117 | 94 |
| | | | | | | | | 3610064-023 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/3/2007 | 6 | 7 | 3.88454545 | 6 |
| | | | | | | | | 3610064-025 | Uranium | 20 | pCi/L | 10/7/2010 | 30 | 48.47 | 28.6037143 | 26 |
| | | | | | | | | 3610064-046 | Uranium | 20 | pCi/L | 8/18/2006 | 2 | 23 | 14.5112 | 2 |
| SAN BERNARDINO | Chino city | CITY OF CHINO | 3610012 | Mixed <50%GW | 62000 | 9 | 4 | 3610012-004 | Nitrate (as NO3) | 45 | mg/L | 9/16/2010 | 12 | 61 | 45.5333333 | 12 |
| | | | | | | | | 3610012-008 | Nitrate (as NO3) | 45 | mg/L | 9/16/2010 | 25 | 91 | 68.6923077 | 25 |
| | | | | | | | | 3610012-009 | Nitrate (as NO3) | 45 | mg/L | 9/16/2010 | 17 | 96 | 75.8235294 | 17 |
| | | | | | | | | 3610012-012 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 87 | 79 | 58.7111111 | 87 |
| | | | | | | | | 3610012-004 | Perchlorate | 6 | ug/L | 9/16/2010 | 20 | 16 | 11.2190476 | 20 |
| | | | | | | | | 3610012-008 | Perchlorate | 6 | ug/L | 9/16/2010 | 22 | 18 | 12.8565217 | 22 |
| | | | | | | | | 3610012-009 | Perchlorate | 6 | ug/L | 9/16/2010 | 14 | 24 | 18.1428571 | 14 |
| | | | | | | | | 3610012-009 | Perchlorate | 6 | ug/L | 9/16/2010 | 14 | 24 | 18.1428571 | 14 |
| SAN BERNARDINO | Fontana city, Rialto city | SAN GABRIEL VALLEY WC - FONTANA | 3610041 | Undetermined | 155460 | 35 | 6 | 3610041-014 | Nitrate (as NO3) | 45 | mg/L | 7/15/2009 | 5 | 64 | 34.05 | 56 |
| | | | | | | | | 3610041-033 | Nitrate (as NO3) | 45 | mg/L | 3/12/2008 | 24 | 77 | 36.73 | 48 |
| | | | | | | | | 3610041-036 | Nitrate (as NO3) | 45 | mg/L | 10/20/2010 | 43 | 74 | 62.57 | 43 |
| | | | | | | | | 3610041-042 | Nitrate (as NO3) | 45 | mg/L | 3/28/2007 | 41 | 78 | 36.54 | 78 |
| | | | | | | | | 3610041-033 | Perchlorate | 6 | ug/L | 10/12/2010 | 163 | 24 | 16.45 | 22 |
| | | | | | | | | 3610041-036 | Perchlorate | 6 | ug/L | 10/20/2010 | 17 | 14 | 11.24 | 17 |
| | | | | | | | | 3610041-042 | Perchlorate | 6 | ug/L | 1/11/2010 | 97 | 21 | 9.18 | 44 |
| | | | | | | | | 3610041-063 | Tetrachloroethylene (PCE) | 5 | ug/L | 4/2/2008 | 30 | 11 | 3.84 | 130 |
| | | | | | | | | 3610041-064 | Tetrachloroethylene (PCE) | 5 | ug/L | 5/24/2006 | 8 | 7.7 | 2.41 | 363 |
| SAN BERNARDINO | Big Bear City CDP | Dept of Water & Power/Lake Williams | 3600283 | 100% GW | 147 | 3 | 1 | 3600283-003 | Fluoride | 2 | mg/L | 10/19/2005 | 2 | 2.8 | 2.47 | 3 |
| SAN BERNARDINO | City of Apple Valley | Apple Valley View MWC | 3600012 | 100% GW | 200 | 3 | 1 | 3600012-002 | Fluoride | 2 | mg/L | 1/13/2004 | 2 | 2.8 | 2.75 | 2 |
| SAN BERNARDINO | City of Apple Valley | THUNDERBIRD CWD | 3600306 | 100% GW | 720 | 3 | 2 | 3600306-001 | Fluoride | 2 | mg/L | 11/3/2010 | 45 | 2.4 | 2.14 | 53 |
| | | | | | | | | 3600306-003 | Fluoride | 2 | mg/L | 10/5/2010 | 46 | 2.5 | 2.15 | 53 |
| SAN BERNARDINO | City of Daggett | Daggett Comm Svcs Dist | 3600086 | 100% GW | 795 | 3 | 2 | 3600086-002 | Arsenic | 10 | ug/L | 2/7/2006 | 2 | 41 | 40.00 | 2 |
| | | | | | | | | 3600086-007 | Gross alpha particle activity | 15 | pCi/L | 9/29/2004 | 3 | 21 | 9.41 | 12 |
| SAN BERNARDINO | City of Hesperia | Calico Lakes Homeowners | 3601036 | 100% GW | 25 | 2 | 1 | 3601036-001 | Gross alpha particle activity | 15 | pCi/L | 9/7/2010 | 7 | 22.5 | 17.39 | 8 |
| SAN BERNARDINO | City of Mount Baldy | Snowcrest Hts. Imp. | 3600262 | 100% GW | 600 | 5 | 2 | 3600262-002 | Arsenic | 10 | ug/L | 3/22/2010 | 4 | 86 | 34.25 | 4 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|----------------|-----------------------------------------------|-------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | Assoc | | | | | | 3600262-003 | Arsenic | 10 | ug/L | 3/22/2010 | 3 | 23 | 16.00 | 3 |
| SAN BERNARDINO | City of Pioneertown | CSA 70 W-4 | 3600196 | 100% GW | 625 | 7 | 7 | 3600196-001 | Arsenic | 10 | ug/L | 1/15/2009 | 23 | 36 | 20.88 | 30 |
| | | | | | | | | 3600196-002 | Arsenic | 10 | ug/L | 8/18/2010 | 25 | 96 | 55.32 | 25 |
| | | | | | | | | 3600196-003 | Arsenic | 10 | ug/L | 8/18/2010 | 37 | 130 | 73.76 | 37 |
| | | | | | | | | 3600196-004 | Arsenic | 10 | ug/L | 8/18/2010 | 37 | 160 | 95.03 | 36 |
| | | | | | | | | 3600196-007 | Arsenic | 10 | ug/L | 8/18/2010 | 14 | 59 | 45.43 | 14 |
| | | | | | | | | 3600196-001 | Chromium, Total | 50 | ug/L | 8/31/2006 | 2 | 88 | 49.00 | 3 |
| | | | | | | | | 3600196-002 | Fluoride | 2 | mg/L | 8/24/2007 | 2 | 8.2 | 5.30 | 3 |
| | | | | | | | | 3600196-003 | Fluoride | 2 | mg/L | 8/18/2010 | 23 | 11 | 6.43 | 25 |
| | | | | | | | | 3600196-002 | Gross alpha particle activity | 15 | pCi/L | 9/13/2010 | 4 | 31 | 18.30 | 7 |
| | | | | | | | | 3600196-003 | Gross alpha particle activity | 15 | pCi/L | 10/23/2008 | 4 | 28 | 16.08 | 8 |
| | | | | | | | | 3600196-005 | Uranium | 20 | pCi/L | 11/2/2010 | 33 | 59 | 33.12 | 36 |
| | | | | | | | | 3600196-006 | Uranium | 20 | ug/L | 4/6/2005 | 11 | 48 | 29.08 | 14 |
| SAN BERNARDINO | Lake Arrowhead CDP | Deer Lodge Water System | 3600087 | 100% GW | 745 | 2 | 2 | 3600087-001 | Gross alpha particle activity | 15 | pCi/L | 7/22/2010 | 3 | 34 | 23.67 | 3 |
| | | | | | | | | 3600087-002 | Gross alpha particle activity | 15 | pCi/L | 7/22/2010 | 4 | 27 | 19.17 | 6 |
| SAN BERNARDINO | Morongo Valley CDP | CSA 70 W-3 (Hacienda) | 3600114 | 100% GW | 695 | 2 | 2 | 3600114-001 | Gross alpha particle activity | 15 | pCi/L | 5/20/2010 | 5 | 37 | 22.17 | 6 |
| | | | | | | | | 3600114-002 | Gross alpha particle activity | 15 | pCi/L | 3/26/2008 | 4 | 20 | 14.81 | 14 |
| | | | | | | | | 3600114-001 | Uranium | 20 | pCi/L | 8/9/2010 | 18 | 36 | 20.91 | 34 |
| | | | | | | | | 3600114-002 | Uranium | 20 | pCi/L | 10/20/2009 | 6 | 24 | 17.16 | 29 |
| SAN BERNARDINO | Morongo Valley CDP | CSA 70F, Morongo Valley | 3600226 | 100% GW | 450 | 3 | 3 | 3600226-001 | Gross alpha particle activity | 15 | pCi/L | 10/8/2009 | 2 | 46 | 40.00 | 2 |
| | | | | | | | | 3600226-002 | Gross alpha particle activity | 15 | pCi/L | 10/4/2005 | 2 | 33 | 26.33 | 3 |
| | | | | | | | | 3600226-003 | Gross alpha particle activity | 15 | pCi/L | 12/11/2009 | 5 | 44 | 28.17 | 6 |
| | | | | | | | | 3600226-001 | Uranium | 20 | pCi/L | 5/19/2010 | 20 | 57 | 26.68 | 27 |
| | | | | | | | | 3600226-002 | Uranium | 20 | pCi/L | 8/19/2010 | 26 | 47 | 27.36 | 32 |
| | | | | | | | | 3600226-003 | Uranium | 20 | pCi/L | 8/19/2010 | 24 | 50 | 28.81 | 32 |
| SAN BERNARDINO | Morongo Valley CDP | Golden State Water-Mor Del Norte | 3600270 | 100% GW | 870 | 3 | 3 | 3600270-001 | Gross alpha particle activity | 15 | pCi/L | 11/9/2010 | 13 | 32.1 | 15.99 | 26 |
| | | | | | | | | 3600270-002 | Gross alpha particle activity | 15 | pCi/L | 8/3/2010 | 15 | 31.6 | 18.09 | 24 |
| | | | | | | | | 3600270-001 | Uranium | 20 | ug/L | 11/14/2006 | 2 | 26 | 15.35 | 28 |
| | | | | | | | | 3600270-002 | Uranium | 20 | pCi/L | 8/12/2008 | 6 | 29 | 17.31 | 27 |
| SAN BERNARDINO | Morongo Valley CDP | Roadrunner Mobile Home Pk | 3601055 | 100% GW | 150 | 1 | 1 | 3601055-001 | Gross alpha particle activity | 15 | pCi/L | 10/18/2010 | 2 | 28.4 | 28.10 | 2 |
| | | | | | | | | 3601055-001 | Uranium | 20 | pCi/L | 9/28/2010 | 21 | 34.6 | 23.67 | 26 |
| SAN BERNARDINO | Muscovy CDP, Rialto city, San Bernardino city | SAN BERNARDINO CITY | 3610039 | 100% GW | 180315 | 55 | 3 | 3610039-065 | Tetrachloroethylene (PCE) | 5 | ug/L | 7/27/2005 | 4 | 10 | 3.65 | 25 |
| | | | | | | | | 3610039-066 | Tetrachloroethylene (PCE) | 5 | ug/L | 1/20/2010 | 8 | 12 | 4.62 | 25 |
| | | | | | | | | 3610039-067 | Tetrachloroethylene (PCE) | 5 | ug/L | 1/18/2006 | 6 | 8.9 | 4.01 | 25 |
| SAN BERNARDINO | Crestline CDP | CRESTLINE VILLAGE CWD - DIVISION 10 | 3610015 | >50% GW Mixed | 7400 | 44 | 3 | 3610015-013 | Gross alpha particle activity | 15 | pCi/L | 3/31/2004 | 2 | 17.2 | 12.24 | 8 |
| | | | | | | | | 3610015-062 | Gross alpha particle activity | 15 | pCi/L | 1/31/2005 | 8 | 29 | 17.25 | 17 |
| | | | | | | | | 3610015-070 | Gross alpha particle activity | 15 | pCi/L | 3/31/2010 | 5 | 48.6 | 24.40 | 10 |
| | | | | | | | | 3610015-062 | Uranium | 20 | pCi/L | 6/30/2005 | 6 | 47 | 18.55 | 16 |
| | | | | | | | | 3610015-070 | Uranium | 20 | pCi/L | 3/31/2010 | 23 | 47 | 20.92 | 56 |
| SAN BERNARDINO | Lake Arrowhead | Sky Forest MWC | 3600258 | Mixed <50%GW | 605 | 7 | 1 | 3600258-002 | Gross alpha particle activity | 15 | pCi/L | 9/29/2006 | 5 | 26 | 17.75 | 5 |
| SAN BERNARDINO | Chino Hills | CITY OF CHINO HILLS | 3610036 | Mixed <50%GW | 78725 | 5 | 1 | 3610036-024 | Nitrate (as NO3) | 45 | mg/L | 7/12/2010 | 5 | 67 | 54.5714286 | 5 |
| SAN BERNARDINO | Sky Forest | ARROWHEAD VILLAS MUTUTUAL SERV. CO. | 3610093 | Mixed <50%GW | 500 | 2 | 2 | 3610093-001 | Gross alpha particle activity | 15 | pCi/L | 4/2/2008 | 6 | 25 | 19.1111111 | 6 |
| | | | | | | | | 3610093-004 | Gross alpha particle activity | 15 | pCi/L | 4/1/2008 | 2 | 18 | 13.05 | 2 |
| | | | | | | | | 3610093-001 | Uranium | 20 | pCi/L | 8/16/2006 | 2 | 23 | 17.6 | 2 |
| SAN DIEGO | City of Pauma Valley | YUIMA MUNICIPAL WATER DISTRICT IDA | 3700938 | 100% GW | 400 | 19 | 3 | 3700938-005 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 18 | 57 | 49.22 | 24 |
| | | | | | | | | 3700938-031 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 2 | 62 | 62.00 | 2 |
| | | | | | | | | 3700938-005 | Perchlorate | 6 | ug/L | 10/12/2010 | 10 | 8.3 | 6.41 | 14 |
| | | | | | | | | 3700938-006 | Perchlorate | 6 | ug/L | 3/19/2008 | 3 | 7.5 | 4.77 | 13 |
| | | | | | | | | 3700938-031 | Perchlorate | 6 | ug/L | 10/12/2010 | 2 | 7.2 | 6.65 | 2 |

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| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|------------------------------|-----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|----------------|-------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| SAN DIEGO | City of Pauma Valley | RANCHO PAUMA MUTUAL WC | 3710012 | 100% GW | 500 | 7 | 1 | 3710012-002 | Nitrate (as NO3) | 45 | mg/L | 12/16/2004 | 10 | 70 | 12.25 | 325 |
| SAN DIEGO | Julian CDP | MAJESTIC PINES COMMUNITY SD | 3710041 | 100% GW | 1964 | 3 | 1 | 3710041-004 | Arsenic | 10 | ug/L | 6/1/2010 | 3 | 23 | 18.33 | 3 |
| SAN DIEGO | Pine Valley CDP | PINE VALLEY MUTUAL WC | 3710039 | 100% GW | 1500 | 8 | 1 | 3710039-010 | Gross alpha particle activity | 15 | pCi/L | 8/10/2007 | 4 | 18.7 | 14.93 | 8 |
| SAN DIEGO | Camp Pendleton North CDP | CAMP PENDLETON (SOUTH) | 3710702 | >50% GW Mixed | 35000 | 19 | 2 | 3710702-014 | Gross alpha particle activity | 15 | pCi/L | 7/14/2005 | 7 | 17.4 | 12.42 | 25 |
| | | | | | | | | 3710702-031 | Gross alpha particle activity | 15 | pCi/L | 8/19/2010 | 6 | 22 | 15.80 | 10 |
| SAN DIEGO | Pauma Valley | YUIMA MUNICIPAL WATER DISTRICT | 3701408 | Mixed <50%GW | 260 | 5 | 2 | 3701408-002 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 26 | 86 | 64.6703704 | 26 |
| | | | | | | | | 3701408-004 | Nitrate (as NO3) | 45 | mg/L | 1/16/2008 | 4 | 63 | 35.8928571 | 3 |
| | | | | | | | | 3701408-002 | Perchlorate | 6 | ug/L | 9/17/2008 | 2 | 8.7 | 5.57142857 | 2 |
| SAN DIEGO | San Diego | SAN DIEGO - CITY OF | 3710020 | Mixed <50%GW | 1266731 | 3 | 1 | 3710020-019 | Arsenic | 10 | ug/L | 2/3/2004 | 2 | 14.2 | 8.325 | 2 |
| | | | | | | | | 3710020-019 | Gross alpha particle activity | 15 | pCi/L | 7/14/2009 | 8 | 83.7 | 64.7625 | 8 |
| | | | | | | | | 3710020-019 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/1/2010 | 37 | 14.4 | 7.925 | 37 |
| | | | | | | | | 3710020-019 | Trichloroethylene (TCE) | 5 | ug/L | 10/2/2008 | 17 | 9.42 | 5.2475 | 17 |
| | | | | | | | | 3710020-019 | Uranium | 20 | pCi/L | 7/14/2009 | 8 | 79.6 | 65.1875 | 8 |
| SAN DIEGO | Campo CDP | LAKE MORENA OAK SHORE MW CO. | 3700923 | 100% GW | 700 | 6 | 5 | 3700923-007 | Gross alpha particle activity | 15 | pCi/L | 12/17/2008 | 2 | 65.7 | 63.85 | 2 |
| | | | | | | | | 3700923-008 | Gross alpha particle activity | 15 | pCi/L | 12/17/2008 | 2 | 43 | 30.85 | 2 |
| | | | | | | | | 3700923-001 | Nitrate (as NO3) | 45 | mg/L | 5/16/2007 | 15 | 71.9 | 38.73 | 35 |
| | | | | | | | | 3700923-002 | Nitrate (as NO3) | 45 | mg/L | 5/16/2007 | 10 | 118 | 40.68 | 33 |
| | | | | | | | | 3700923-002 | Uranium | 20 | pCi/L | 3/31/2010 | 3 | 65 | 17.47 | 12 |
| | | | | | | | | 3700923-005 | Uranium | 20 | ug/L | 3/28/2010 | 7 | 55.4 | 25.09 | 13 |
| | | | | | | | | 3700923-007 | Uranium | 20 | pCi/L | 7/1/2010 | 10 | 90 | 49.68 | 10 |
| SAN DIEGO | Campo CDP | LAKE MORENA VIEWS MW CO. | 3700924 | 100% GW | 360 | 3 | 2 | 3700924-005 | Gross alpha particle activity | 15 | pCi/L | 10/2/2005 | 2 | 73.1 | 63.41 | 2 |
| | | | | | | | | 3700924-001 | Nitrate (as NO3) | 45 | mg/L | 10/25/2005 | 2 | 82.6 | 57.30 | 3 |
| SAN DIEGO | Campo CDP | LAKE MORENA TRAILER RESORT | 3701760 | 100% GW | 60 | 1 | 1 | 3701760-003 | Gross alpha particle activity | 15 | pCi/L | 10/21/2010 | 8 | 920 | 575.00 | 8 |
| | | | | | | | | 3701760-003 | Uranium | 20 | pCi/L | 10/21/2010 | 9 | 710 | 433.64 | 11 |
| SAN DIEGO | City of Escondido | OAKVALE PARK | 3700962 | 100% GW | 100 | 2 | 2 | 3700962-001 | Gross alpha particle activity | 15 | pCi/L | 6/17/2010 | 6 | 57 | 38.34 | 7 |
| | | | | | | | | 3700962-002 | Gross alpha particle activity | 15 | pCi/L | 2/1/2010 | 5 | 110 | 39.86 | 7 |
| | | | | | | | | 3700962-001 | Uranium | 20 | pCi/L | 6/17/2010 | 3 | 45 | 28.75 | 4 |
| SAN DIEGO | City of Warner Springs | LOS TULES MUTUAL WATER COMPANY | 3700958 | 100% GW | 140 | 3 | 2 | 3700958-003 | Gross alpha particle activity | 15 | pCi/L | 10/14/2010 | 8 | 57 | 19.52 | 15 |
| | | | | | | | | 3700958-006 | Gross alpha particle activity | 15 | pCi/L | 10/14/2010 | 3 | 57 | 26.42 | 5 |
| | | | | | | | | 3700958-003 | Uranium | 20 | pCi/L | 10/14/2010 | 3 | 80 | 23.67 | 12 |
| | | | | | | | | 3700958-006 | Uranium | 20 | pCi/L | 10/14/2010 | 2 | 80 | 28.92 | 5 |
| SAN DIEGO | Guatay City | GUATAY MUTUAL BENEFIT CORPORATION | 3700897 | 100% GW | 100 | 2 | 1 | 3700897-001 | Gross alpha particle activity | 15 | pCi/L | 1/4/2009 | 5 | 110 | 46.64 | 5 |
| | | | | | | | | 3700897-001 | Uranium | 20 | pCi/L | 1/4/2009 | 5 | 160 | 77.60 | 5 |
| SAN DIEGO | Pine Valley CDP | PINE VALLEY MUTUAL WC | 3710039 | 100% GW | 1500 | 8 | 2 | 3710039-003 | Fluoride | 2 | mg/L | 9/23/2008 | 3 | 3.5 | 3.13 | 3 |
| | | | | | | | | 3710039-007 | Fluoride | 2 | mg/L | 9/30/2008 | 2 | 2.4 | 1.87 | 3 |
| | | | | | | | | 3710039-007 | Gross alpha particle activity | 15 | pCi/L | 2/13/2008 | 4 | 24 | 15.69 | 8 |
| | | | | | | | | 3700859-003 | Gross alpha particle activity | 15 | pCi/L | 11/3/2010 | 3 | 18.8 | 17.57 | 3 |
| | | | | | | | | 3700859-003 | Uranium | 20 | pCi/L | 11/3/2010 | 2 | 25 | 20.67 | 3 |
| SAN JOAQUIN | Lathrop city | DEFENSE DISTRIB. DEPOT, SHARPE SITE | 3910701 | 100% GW | 1650 | 2 | 2 | 3910701-003 | Arsenic | 10 | ug/L | 11/2/2010 | 31 | 23 | 17.03 | 32 |
| | | | | | | | | 3910701-005 | Arsenic | 10 | ug/L | 11/2/2010 | 32 | 35 | 26.45 | 32 |
| SAN JOAQUIN | Lathrop city, Patterson city | OAKWOOD LAKE WATER DISTRICT-SUBDIVISION | 3910023 | 100% GW | 43 | 2 | 2 | 3910023-004RW3 | Arsenic | 10 | ug/L | 9/29/2010 | 11 | 26 | 22.64 | 11 |
| | | | | | | | | 3910023-006RW4 | Arsenic | 10 | ug/L | 9/29/2010 | 12 | 24 | 21.42 | 12 |
| SAN JOAQUIN | Morada CDP | SAN JOAQUIN COUNTY - WILKINSON MANOR | 3910024 | 100% GW | 861 | 2 | 1 | 3910024-002 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/12/2010 | 3 | 8.3 | 2.77 | 18 |
| SAN JOAQUIN | Ripon city | RIPON, CITY OF | 3910007 | 100% GW | 14915 | 9 | 3 | 3910007-009 | Arsenic | 10 | ug/L | 6/24/2010 | 12 | 13 | 10.97 | 19 |
| | | | | | | | | 3910007-009 | cis-1,2-Dichloroethylene | 6 | ug/L | 2/28/2005 | 3 | 6.6 | 4.57 | 32 |
| | | | | | | | | 3910007-003 | Gross alpha particle activity | 15 | pCi/L | 6/24/2010 | 2 | 20.4 | 14.70 | 7 |
| | | | | | | | | 3910007-014 | Nitrate (as NO3) | 45 | mg/L | 7/28/2010 | 14 | 68 | 48.64 | 25 |
| | | | | | | | | 3910007-009 | Vinyl chloride | 0.5 | ug/L | 5/18/2005 | 4 | 5 | 0.36 | 23 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-------------|----------------------------------------------------------------------------|----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|----------------|------------------------------------|------|-------|-----------------------|-----------|-----------|-------------|-----------------|
| SAN JOAQUIN | Woodbridge CDP | SAN JOAQUIN COUNTY- MOKELUMNE ACRES | 3910017 | 100% GW | 3640 | 5 | 1 | 3910017-008 | Gross alpha particle activity | 15 | pCi/L | 12/18/2003 | 4 | 28.4 | 28.40 | 4 |
| SAN JOAQUIN | Lodi city | LODI, CITY OF | 3910004 | 100% GW | 63395 | 27 | 6 | 3910004-020 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/19/2010 | 96 | 0.82 | 0.57 | 100 |
| | | | | | | | | 3910004-022 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/14/2010 | 52 | 0.39 | 0.22 | 75 |
| | | | | | | | | 3910004-024 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/7/2010 | 98 | 0.74 | 0.47 | 102 |
| | | | | | | | | 3910004-026 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/8/2008 | 71 | 0.43 | 0.25 | 100 |
| | | | | | | | | 3910004-027 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/14/2010 | 99 | 0.66 | 0.44 | 101 |
| | | | | | | | | 3910004-032 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/19/2010 | 90 | 0.86 | 0.62 | 93 |
| SAN JOAQUIN | Manteca city | MANTECA, CITY OF | 3910005 | 100% GW | 66451 | 18 | 12 | 3910005-013 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 2/11/2008 | 2 | 0.27 | 0.14 | 70 |
| | | | | | | | | 3910005-012 | Arsenic | 10 | ug/L | 11/2/2010 | 8 | 12 | 10.01 | 15 |
| | | | | | | | | 3910005-013 | Arsenic | 10 | ug/L | 11/2/2010 | 25 | 15 | 12.57 | 27 |
| | | | | | | | | 3910005-014RW1 | Arsenic | 10 | ug/L | 11/2/2010 | 36 | 23 | 18.61 | 34 |
| | | | | | | | | 3910005-015 | Arsenic | 10 | ug/L | 11/2/2010 | 21 | 16 | 13.00 | 22 |
| | | | | | | | | 3910005-016 | Arsenic | 10 | ug/L | 11/2/2010 | 24 | 19 | 12.54 | 29 |
| | | | | | | | | 3910005-032019 | Arsenic | 10 | ug/L | 8/3/2010 | 11 | 17 | 11.69 | 17 |
| | | | | | | | | 3910005-034020 | Arsenic | 10 | ug/L | 11/2/2010 | 24 | 23 | 18.95 | 24 |
| | | | | | | | | 3910005-036023 | Arsenic | 10 | ug/L | 11/2/2010 | 19 | 15 | 12.47 | 20 |
| | | | | | | | | 3910005-038021 | Arsenic | 10 | ug/L | 5/18/2010 | 4 | 13 | 11.42 | 6 |
| | | | | | | | | 3910005-040022 | Arsenic | 10 | ug/L | 11/2/2010 | 15 | 15 | 11.28 | 19 |
| | | | | | | | | 3910005-042RW2 | Arsenic | 10 | ug/L | 11/2/2010 | 45 | 20 | 16.94 | 45 |
| | | | | | | | | 3910005-044RW2 | Arsenic | 10 | ug/L | 11/2/2010 | 39 | 15 | 12.87 | 41 |
| | | | | | | | | 3910005-013 | Ethylene dibromide (EDB) | 0.05 | ug/L | 1/6/2009 | 6 | 0.077 | 0.03 | 71 |
| | | | | | | | | 3910005-036023 | Nitrate (as NO3) | 45 | mg/L | 12/4/2007 | 3 | 66.7 | 32.74 | 222 |
| | | | | | | | | 3910005-038021 | Nitrate (as NO3) | 45 | mg/L | 5/18/2010 | 2 | 51 | 35.26 | 18 |
| | | | | | | | | 3910005-044RW2 | Nitrate (as NO3) | 45 | mg/L | 12/19/2006 | 3 | 63 | 26.93 | 128 |
| SAN JOAQUIN | August CDP, Country Club CDP, Garden Acres CDP, Kennedy CDP, Stockton city | CALIFORNIA WATER SERVICE - STOCKTON | 3910001 | >50% GW Mixed | 171777 | 25 | 8 | 3910001-007 | Arsenic | 10 | ug/L | 11/20/2004 | 2 | 17.615 | 8.81 | 11 |
| | | | | | | | | 3910001-029 | Arsenic | 10 | ug/L | 12/14/2009 | 2 | 21 | 6.48 | 9 |
| | | | | | | | | 3910001-045 | Arsenic | 10 | ug/L | 9/21/2010 | 102 | 24 | 19.96 | 103 |
| | | | | | | | | 3910001-053 | Arsenic | 10 | ug/L | 9/21/2010 | 108 | 26 | 19.65 | 110 |
| | | | | | | | | 3910001-057 | Arsenic | 10 | ug/L | 10/9/2007 | 54 | 19 | 14.44 | 55 |
| | | | | | | | | 3910001-059 | Arsenic | 10 | ug/L | 9/21/2010 | 123 | 24.11 | 19.44 | 124 |
| | | | | | | | | 3910001-060 | Arsenic | 10 | ug/L | 9/21/2010 | 117 | 22.875 | 19.59 | 118 |
| | | | | | | | | 3910001-061 | Arsenic | 10 | ug/L | 9/30/2004 | 4 | 16 | 13.25 | 4 |
| | | | | | | | | 3910001-053 | Nitrate (as NO3) | 45 | mg/L | 8/22/2007 | 12 | 61.954 | 14.89 | 162 |
| SAN JOAQUIN | Lathrop city, Manteca city | CITY OF LATHROP | 3910015 | >50% GW Mixed | 12427 | 5 | 5 | 3910015-005 | Arsenic | 10 | ug/L | 9/13/2010 | 32 | 19 | 15.72 | 32 |
| | | | | | | | | 3910015-006 | Arsenic | 10 | ug/L | 9/13/2010 | 33 | 26 | 22.55 | 33 |
| | | | | | | | | 3910015-007 | Arsenic | 10 | ug/L | 9/13/2010 | 29 | 20 | 17.48 | 29 |
| | | | | | | | | 3910015-008 | Arsenic | 10 | ug/L | 9/13/2010 | 29 | 46 | 19.41 | 29 |
| | | | | | | | | 3910015-016RW1 | Arsenic | 10 | ug/L | 11/1/2010 | 5 | 20 | 19.00 | 5 |
| SAN JOAQUIN | Stockton city | SAN JOAQUIN COUNTY - COLONIAL HEIGHTS | 3910002 | >50% GW Mixed | 1851 | 2 | 1 | 3910002-001 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/15/2010 | 3 | 8.6 | 4.45 | 6 |
| SAN JOAQUIN | Stockton | STOCKTON EAST WATER DISTRICT | 3910006 | Mixed <50%GW | 50 | 2 | 1 | 3910006-004 | Arsenic | 10 | ug/L | 6/19/2007 | 2 | 11 | 9.16666667 | 2 |
| SAN JOAQUIN | Stockton | CITY OF STOCKTON | 3910012 | Mixed <50%GW | 158113 | 24 | 1 | 3910012-083 | Arsenic | 10 | ug/L | 2/26/2003 | 2 | 19 | 10.16666667 | 2 |
| SAN JOAQUIN | City of Lodi | COUNTRY MANOR MHP | 3900844 | 100% GW | 75 | 2 | 2 | 3900844-001 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 3/16/2010 | 7 | 1.42 | 0.90 | 8 |
| | | | | | | | | 3900844-002 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 1/21/2009 | 2 | 0.64 | 0.30 | 4 |
| SAN JOAQUIN | City of Millbrae | AVALOS, SILVIA | 3901213 | 100% GW | 30 | 1 | 1 | 3901213-007 | Arsenic | 10 | ug/L | 10/4/2010 | 17 | 15 | 12.89 | 18 |
| SAN JOAQUIN | City of San Joaquin | FINNLEES TRAILER PARK | 3900705 | 100% GW | 55 | 1 | 1 | 3900705-001 | Gross alpha particle activity | 15 | pCi/L | 9/22/2010 | 2 | 24 | 13.75 | 11 |
| SAN JOAQUIN | City of Stockton | CENTURY MOBILE HOME PARK | 3900579 | 100% GW | 50 | 1 | 1 | 3900579-011 | Arsenic | 10 | ug/L | 9/29/2010 | 13 | 15 | 13.69 | 13 |
| SAN JOAQUIN | City of Stockton | GLENWOOD MOBILE HOME PARK | 3900649 | 100% GW | 100 | 1 | 1 | 3900649-007 | Nitrate (as NO3) | 45 | mg/L | 5/17/2010 | 4 | 52.5 | 36.60 | 28 |
| SAN JOAQUIN | City of Stockton | ELKHORN ESTATES WATER SYSTEM | 3900724 | 100% GW | 200 | 1 | 1 | 3900724-001 | Gross alpha particle activity | 15 | pCi/L | 4/26/2007 | 3 | 18.9 | 9.80 | 20 |
| SAN JOAQUIN | City of Stockton | BEL AIR MOBILE ESTATE | 3900907 | 100% GW | 150 | 3 | 1 | 3900907-002 | Gross alpha particle activity | 15 | pCi/L | 5/29/2008 | 3 | 30.8 | 14.35 | 9 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-----------------|-----------------------------------------------------|----------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| SAN JOAQUIN | French Camp CDP | SIDHU MOBILE PARK WATER SYSTEM | 3900711 | 100% GW | 75 | 1 | 1 | 3900711-001 | Arsenic | 10 | ug/L | 7/30/2010 | 14 | 14 | 12.86 | 14 |
| SAN JOAQUIN | Kennedy CDP | V & P TRAILER COURT WATER SYSTEM | 3900732 | 100% GW | 35 | 1 | 1 | 3900732-001 | Arsenic | 10 | ug/L | 6/30/2010 | 11 | 13 | 10.80 | 15 |
| SAN JOAQUIN | Stockton city | SAN JUAN VISTA | 3901215 | 100% GW | 100 | 1 | 1 | 3901215-001 | Arsenic | 10 | ug/L | 7/28/2008 | 3 | 12 | 10.43 | 8 |
| SAN JOAQUIN | Undetermined | WEST LANE MOBILE HOME PARK | 3900624 | 100% GW | 160 | 1 | 1 | 3900624-001 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/10/2009 | 12 | 0.59 | 0.29 | 18 |
| SAN JOAQUIN | Undetermined | ISLANDER MARINA | 3900653 | 100% GW | 150 | 2 | 2 | 3900653-001 | Gross alpha particle activity | 15 | pCi/L | 12/26/2007 | 10 | 41.4 | 17.54 | 22 |
| | | | | | | | | 3900653-002 | Gross alpha particle activity | 15 | pCi/L | 5/7/2007 | 2 | 38.7 | 6.26 | 19 |
| | | | | | | | | 3900653-001 | Uranium | 20 | pCi/L | 8/27/2007 | 7 | 51.2 | 17.24 | 24 |
| SAN JOAQUIN | Lodi city | LODI, CITY OF | 3910004 | 100% GW | 63395 | 27 | 4 | 3910004-007 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 10/19/2010 | 8 | 0.42 | 0.16 | 41 |
| | | | | | | | | 3910004-011 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/14/2009 | 56 | 0.35 | 0.21 | 103 |
| | | | | | | | | 3910004-021 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/9/2010 | 20 | 0.31 | 0.19 | 52 |
| | | | | | | | | 3910004-023 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/19/2003 | 5 | 0.35 | 0.11 | 81 |
| | | | | | | | | 3910004-011 | Gross alpha particle activity | 15 | pCi/L | 11/17/2010 | 8 | 20.6 | 13.97 | 16 |
| SAN JOAQUIN | City of San Joaquin | ARBOR MOBILE HOME PARK WS | 3900831 | >50% GW Mixed | 340 | 1 | 1 | 3900831-007 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/4/2010 | 18 | 1.5 | 0.81 | 19 |
| SAN JOAQUIN | Undetermined | WINE COUNTRY APARTMENTS | 3900559 | >50% GW Mixed | 40 | 1 | 1 | 3900559-001 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 3/26/2010 | 4 | 0.58 | 0.19 | 8 |
| SAN LUIS OBISPO | City of Santa Maria | RURAL WATER COMPANY | 4010040 | 100% GW | 1850 | 11 | 2 | 4010040-003 | Nitrate (as NO3) | 45 | mg/L | 3/7/2007 | 4 | 60 | 31.07 | 44 |
| | | | | | | | | 4010040-009 | Nitrate (as NO3) | 45 | mg/L | 4/23/2010 | 9 | 71.4 | 31.73 | 49 |
| | | | | | | | | 4010017-006 | Nitrate (as NO3) | 45 | mg/L | 1/9/2008 | 3 | 50 | 24.41 | 46 |
| SAN LUIS OBISPO | Los Ranchos CDP | GOLDEN STATE WATER COMPANY - EDNA | 4010023 | 100% GW | 1940 | 2 | 2 | 4010023-008 | Selenium | 50 | ug/L | 4/8/2009 | 12 | 120 | 35.71 | 76 |
| | | | | | | | | 4010023-011 | Selenium | 50 | ug/L | 8/8/2007 | 9 | 61 | 38.83 | 69 |
| SAN LUIS OBISPO | Nipomo CDP | GOLDEN STATE WATER COMPANY - NIPOMO | 4010018 | 100% GW | 4937 | 5 | 1 | 4010018-003 | Nitrate (as NO3) | 45 | mg/L | 12/8/2010 | 8 | 58 | 34.90 | 27 |
| SAN LUIS OBISPO | San Miguel CDP | SAN MIGUEL COMMUNITY SERVICES DISTRICT | 4010010 | 100% GW | 1500 | 2 | 1 | 4010010-004 | Gross alpha particle activity | 15 | pCi/L | 10/7/2008 | 2 | 17 | 9.65 | 17 |
| SAN LUIS OBISPO | El Paso de Robles (Paso Robles) city, Templeton CDP | TEMPLETON CSD | 4010019 | 100% GW | 6500 | 12 | 3 | 4010019-014 | Arsenic | 10 | ug/L | 4/29/2010 | 12 | 42 | 17.53 | 13 |
| | | | | | | | | 4010019-036 | Arsenic | 10 | ug/L | 4/27/2010 | 14 | 32 | 11.13 | 47 |
| | | | | | | | | 4010019-015 | Nitrate (as NO3) | 45 | mg/L | 9/22/2009 | 13 | 60 | 42.98 | 112 |
| SAN LUIS OBISPO | El Paso de Robles (Paso Robles) city | PASO ROBLES WATER DEPARTMENT | 4010007 | >50% GW Mixed | 29500 | 19 | 4 | 4010007-010 | Arsenic | 10 | ug/L | 8/26/2010 | 5 | 22 | 12.32 | 10 |
| | | | | | | | | 4010007-012 | Arsenic | 10 | ug/L | 10/1/2009 | 26 | 16 | 10.24 | 57 |
| | | | | | | | | 4010007-013 | Arsenic | 10 | ug/L | 10/28/2010 | 65 | 46 | 21.68 | 65 |
| | | | | | | | | 4010007-014 | Selenium | 50 | ug/L | 8/26/2008 | 2 | 66 | 32.59 | 17 |
| SAN LUIS OBISPO | Grover Beach city | GROVER BEACH WATER DEPARTMENT | 4010004 | >50% GW Mixed | 13248 | 4 | 4 | 4010004-002 | Nitrate (as NO3) | 45 | mg/L | 12/14/2010 | 168 | 72 | 46.94 | 295 |
| | | | | | | | | 4010004-003 | Nitrate (as NO3) | 45 | mg/L | 10/4/2010 | 111 | 100 | 62.96 | 115 |
| | | | | | | | | 4010004-004 | Nitrate (as NO3) | 45 | mg/L | 12/7/2010 | 6 | 130 | 59.27 | 11 |
| SAN LUIS OBISPO | Arroyo Grande | ARROYO GRANDE, WATER DEPARTMENT | 4010001 | Mixed <50%GW | 16682 | 8 | 2 | 4010001-003 | Nitrate (as NO3) | 45 | mg/L | 10/26/2004 | 35 | 55 | 41.8571429 | 35 |
| | | | | | | | | 4010001-004 | Nitrate (as NO3) | 45 | mg/L | 9/14/2010 | 181 | 110 | 65.7213115 | 180 |
| SAN LUIS OBISPO | Oceano | OCEANO COMM SERVICES DIST. | 4010005 | Mixed <50%GW | 7600 | 4 | 2 | 4010005-002 | Selenium | 50 | ug/L | 7/13/2010 | 76 | 350 | 98.2079208 | 76 |
| | | | | | | | | 4010005-003 | Selenium | 50 | ug/L | 6/1/2010 | 74 | 190 | 100.342593 | 73 |
| SAN LUIS OBISPO | Morro Bay | MORRO BAY WATER DEPARTMENT | 4010011 | Mixed <50%GW | 10270 | 8 | 4 | 4010011-005 | Nitrate (as NO3) | 45 | mg/L | 12/7/2010 | 36 | 110 | 67.452381 | 36 |
| | | | | | | | | 4010011-006 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 25 | 96 | 45.6355556 | 25 |
| | | | | | | | | 4010011-019 | Nitrate (as NO3) | 45 | mg/L | 10/6/2009 | 7 | 80 | 33.3631579 | 7 |
| | | | | | | | | 4010011-020 | Nitrate (as NO3) | 45 | mg/L | 10/6/2009 | 14 | 53 | 29.0619048 | 14 |
| SAN LUIS OBISPO | Avilla Beach CDP | BASSI RANCH MUTUAL WATER CO. | 4000200 | 100% GW | 85 | 3 | 1 | 4000200-001 | Bromate | 10 | ug/L | 1/8/2007 | 2 | 29 | 20.00 | 2 |
| SAN LUIS OBISPO | Callender CDP | WOODLAND PARK MUTUAL WATER CO | 4000506 | 100% GW | 500 | 4 | 1 | 4000506-013 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 20 | 61 | 47.07 | 33 |

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List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|-----------------|---------------------------------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| SAN LUIS OBISPO | Cayucos CDP | BELLA VISTA MOBILE LODGE | 4000512 | 100% GW | 200 | 1 | 1 | 4000512-001 | Arsenic | 10 | ug/L | 10/13/2010 | 8 | 26 | 13.27 | 11 |
| SAN LUIS OBISPO | City of Arroyo Grande | COUNTRY HILLS ESTATES | 4000637 | 100% GW | 60 | 2 | 2 | 4000637-001 | Arsenic | 10 | ug/L | 10/12/2010 | 14 | 30 | 23.56 | 16 |
| | | | | | | | | 4000637-012 | Arsenic | 10 | ug/L | 10/12/2010 | 8 | 37 | 22.00 | 9 |
| SAN LUIS OBISPO | City of Arroyo Grande | H2O, INC | 4000741 | 100% GW | 60 | 2 | 1 | 4000741-002 | Arsenic | 10 | ug/L | 1/12/2009 | 2 | 13 | 10.04 | 7 |
| SAN LUIS OBISPO | City of Grover Beach | EDNA RANCH MUTUAL WATER CO- EAST | 4000202 | 100% GW | 60 | 3 | 1 | 4000202-001 | Arsenic | 10 | ug/L | 10/11/2010 | 3 | 22 | 12.50 | 6 |
| SAN LUIS OBISPO | City of Morro Bay | RANCHO COLINA MOBILE HOME PARK | 4000653 | 100% GW | 250 | 1 | 1 | 4000653-002 | Nitrate (as NO3) | 45 | mg/L | 8/23/2010 | 6 | 61.1 | 28.48 | 44 |
| SAN LUIS OBISPO | City of Paso Robles | RESTHAVEN MOBILE HOME PARK | 4000654 | 100% GW | 75 | 2 | 2 | 4000654-001 | Selenium | 50 | ug/L | 10/7/2010 | 6 | 490 | 229.67 | 6 |
| | | | | | | | | 4000654-012 | Selenium | 50 | ug/L | 10/7/2010 | 3 | 64 | 54.50 | 4 |
| SAN LUIS OBISPO | City of Templeton | ALMIRA WATER ASSOCIATION | 4000631 | 100% GW | 40 | 1 | 1 | 4000631-001 | Arsenic | 10 | ug/L | 8/16/2010 | 11 | 17 | 13.63 | 12 |
| SAN LUIS OBISPO | Oceano CDP | HALCYON WATER SYSTEM | 4000501 | 100% GW | 105 | 1 | 1 | 4000501-001 | Selenium | 50 | ug/L | 12/9/2009 | 7 | 88 | 73.57 | 7 |
| SAN LUIS OBISPO | Oceano CDP | KEN MAR GARDENS | 4000648 | 100% GW | 84 | 1 | 1 | 4000648-001 | Selenium | 50 | ug/L | 1/13/2010 | 3 | 71 | 39.82 | 11 |
| SAN LUIS OBISPO | San Luis Obispo city | HIGUERA APARTMENTS | 4000563 | 100% GW | 30 | 1 | 1 | 4000563-001 | Nitrate (as NO3) | 45 | mg/L | 12/13/2006 | 4 | 52 | 49.80 | 5 |
| SAN LUIS OBISPO | Paso Robles | MUSTANG SPRINGS MUTUAL WATER | 4000775 | >50% GW Mixed | 30 | 1 | 1 | 4000775-001 | Fluoride | 2 | mg/L | 1/28/2009 | 12 | 3.8 | 2.91 | 12 |
| SAN MATEO | Moss Beach CDP, Santa Cruz city | PILLAR RIDGE MHP (FORMER EL GRANADA MHP) | 4110028 | 100% GW | 1000 | 3 | 2 | 4110028-002 | Trichloroethylene (TCE) | 5 | ug/L | 10/18/2007 | 20 | 9.5 | 5.62 | 29 |
| | | | | | | | | 4110028-004 | Trichloroethylene (TCE) | 5 | ug/L | 5/13/2002 | 2 | 7.1 | 0.59 | 36 |
| SAN MATEO | Broadmoor CDP, Daly City city, San Francisco city | CITY OF DALY CITY | 4110013 | >50% GW Mixed | 103000 | 6 | 3 | 4110013-004 | Nitrate (as NO3) | 45 | mg/L | 9/1/2010 | 44 | 71 | 41.66 | 60 |
| | | | | | | | | 4110013-011 | Nitrate (as NO3) | 45 | mg/L | 5/19/2010 | 2 | 46 | 28.90 | 73 |
| | | | | | | | | 4110013-014 | Nitrate (as NO3) | 45 | mg/L | 10/6/2010 | 37 | 170 | 85.17 | 50 |
| | | | | | | | | 4110009-006 | Nitrate (as NO3) | 45 | mg/L | 1/9/2008 | 27 | 60 | 45.7154474 | 20 |
| | | | | | | | | 4110009-007 | Nitrate (as NO3) | 45 | mg/L | 10/18/2006 | 17 | 66 | 28.5796667 | 11 |
| SAN MATEO | Montara CDP, Moss Beach CDP | MONTARA WATER AND SANITARY DISTRICT | 4110010 | Undetermined | 5412 | 9 | 2 | 4110010-001 | Nitrate (as NO3) | 45 | mg/L | 9/7/2010 | 3 | 48 | 31.65 | 100 |
| | | | | | | | | 4110010-015 | Nitrate (as NO3) | 45 | mg/L | 2/10/2010 | 46 | 60 | 43.71 | 94 |
| SAN MATEO | Skylonda | SKYLONDA MUTUAL | 4100533 | Mixed <50%GW | 431 | 3 | 1 | 4100533-003 | Barium | 1000 | ug/L | 6/2/2010 | 6 | 1700 | 1383.33333 | 6 |
| SANTA BARBARA | City of New Cuyama | CUYAMA COMMUNITY SERVICES DISTRICT | 4210009 | 100% GW | 820 | 2 | 2 | 4210009-002 | Arsenic | 10 | ug/L | 1/27/2005 | 3 | 64 | 50.33 | 3 |
| | | | | | | | | 4210009-003 | Arsenic | 10 | ug/L | 10/10/2008 | 3 | 37 | 34.00 | 3 |
| SANTA BARBARA | Orcutt CDP, Santa Maria city | GOLDEN STATE WATER COMPANY - ORCUTT | 4210016 | 100% GW | 35212 | 12 | 1 | 4210016-005 | Nitrate (as NO3) | 45 | mg/L | 9/1/2010 | 55 | 61 | 47.44 | 95 |
| SANTA BARBARA | Lompoc city | LOMPOC-CITY WATER UTILITY DIV | 4210006 | >50% GW Mixed | 38311 | 11 | 4 | 4210006-007 | Arsenic | 10 | ug/L | 1/5/2010 | 4 | 14 | 10.57 | 7 |
| | | | | | | | | 4210006-009 | Arsenic | 10 | ug/L | 1/5/2010 | 10 | 22 | 17.80 | 10 |
| | | | | | | | | 4210006-011 | Arsenic | 10 | ug/L | 1/6/2010 | 7 | 22 | 16.50 | 8 |
| | | | | | | | | 4210006-013 | Arsenic | 10 | ug/L | 1/5/2010 | 6 | 13 | 10.88 | 8 |
| SANTA BARBARA | Santa Maria city | SANTA MARIA WATER DEPARTMENT | 4210011 | >50% GW Mixed | 83756 | 8 | 5 | 4210011-007 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 21 | 83.4 | 51.35 | 35 |
| | | | | | | | | 4210011-009 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 34 | 84 | 56.86 | 46 |
| | | | | | | | | 4210011-010 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 14 | 73 | 30.98 | 44 |
| | | | | | | | | 4210011-013 | Nitrate (as NO3) | 45 | mg/L | 10/5/2010 | 4 | 51 | 21.88 | 39 |
| | | | | | | | | 4210011-014 | Nitrate (as NO3) | 45 | mg/L | 11/2/2010 | 20 | 88 | 38.36 | 55 |
| SANTA BARBARA | Guadalupe | GUADALUPE WATER DEPARTMENT | 4210003 | Mixed <50%GW | 5659 | 2 | 1 | 4210003-001 | Nitrate (as NO3) | 45 | mg/L | 9/15/2010 | 23 | 77 | 38.3150685 | 19 |
| SANTA BARBARA | Solvang city | SOLVANG WATER DEPARTMENT | 4210013 | Undetermined | 5383 | 3 | 2 | 4210013-001 | Gross alpha particle activity | 15 | pCi/L | 7/12/2004 | 4 | 16 | 13.70 | 5 |
| | | | | | | | | 4210013-007 | Gross alpha particle activity | 15 | pCi/L | 7/12/2004 | 8 | 18 | 16.61 | 5 |
| SANTA BARBARA | City of Buellton | BOBCAT SPRINGS M WC OS | 4200891 | 100% GW | 120 | 3 | 2 | 4200891-001 | Arsenic | 10 | ug/L | 4/24/2007 | 10 | 20 | 12.21 | 8 |
| | | | | | | | | 4200891-016 | Arsenic | 10 | ug/L | 7/13/2010 | 2 | 14 | 13.00 | 2 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|---------------|------------------------------------------------------------------------------------|---------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|------|-------|-----------------------|-----------|-----------|------------|-----------------|
| SANTA BARBARA | Santa Barbara city | LINCOLNWOOD MUTUAL WATER | 4200684 | 100% GW | 186 | 2 | 1 | 4200684-003 | Nitrate (as NO3) | 45 | mg/L | 11/26/2008 | 2 | 75 | 40.10 | 10 |
| SANTA BARBARA | Santa Ynez CDP | RANCHO MARCELINO WATER & SERV. | 4200531 | 100% GW | 240 | 3 | 2 | 4200531-001 | Nitrate (as NO3) | 45 | mg/L | 5/12/2010 | 5 | 51.6 | 38.89 | 25 |
| | | | | | | | | 4200531-010 | Nitrate (as NO3) | 45 | mg/L | 11/11/2010 | 14 | 54 | 45.62 | 16 |
| SANTA CLARA | Gilroy city | FARMERS LABOR EXCHANGE | 4300943 | 100% GW | 150 | 1 | 1 | 4300943-001 | Nitrate (as NO3) | 45 | mg/L | 7/28/2008 | 43 | 193 | 47.89 | 102 |
| SANTA CLARA | Morgan Hill city, San Jose city | CITY OF MORGAN HILL | 4310006 | 100% GW | 34600 | 17 | 1 | 4310006-014 | Perchlorate | 6 | ug/L | 7/13/2010 | 25 | 10 | 4.54 | 346 |
| SANTA CLARA | San Jose city | GREEN ACRES MUTUAL WATER | 4300573 | 100% GW | 53 | 2 | 1 | 4300573-002 | Asbestos | 7 | ug/L | 8/29/2007 | 3 | 93 | 6.15 | 42 |
| SANTA CLARA | San Jose city | FOOTHILL MUTUAL WATER | 4300630 | 100% GW | 30 | 1 | 1 | 4300630-002 | Nitrate (as NO3) | 45 | mg/L | 9/23/2009 | 8 | 59 | 38.27 | 75 |
| SANTA CLARA | San Jose city | SANTA TERESA MEADOWS WATER COMPANY | 4300760 | 100% GW | 68 | 2 | 1 | 4300760-002 | Aluminum | 1000 | ug/L | 3/31/2009 | 2 | 5300 | 926.67 | 9 |
| SANTA CLARA | San Martin CDP | SAN MARTIN COUNTY WATER DISTRICT | 4300542 | 100% GW | 600 | 1 | 1 | 4300542-003 | Perchlorate | 6 | ug/L | 4/23/2009 | 9 | 7.7 | 4.40 | 55 |
| SANTA CLARA | San Martin CDP | WEST SAN MARTIN WATER WORKS, INC. | 4300543 | 100% GW | 1500 | 3 | 1 | 4300543-004 | Perchlorate | 6 | ug/L | 4/1/2010 | 19 | 8 | 5.49 | 58 |
| SANTA CLARA | Gilroy city | VALLEY VIEW RANCHES | 4300996 | 100% GW | 45 | 1 | 1 | 4300996-002 | Nitrate (as NO3) | 45 | mg/L | 11/9/2010 | 24 | 140 | 113.63 | 24 |
| SANTA CLARA | Evergreen, Edenvale | CITY OF SAN JOSE - EVERGREEN/EDENVALE | 4310020 | Mixed <50%GW | 88196 | 6 | 1 | 4310020-011 | Aluminum | 1000 | ug/L | 9/14/2010 | 2 | 1900 | 825 | 2 |
| SANTA CRUZ | Felton CDP, Scotts Valley city | FOREST LAKES MWC | 4410016 | 100% GW | 1145 | 11 | 1 | 4410016-006 | Fluoride | 2 | mg/L | 9/16/2008 | 3 | 3.9 | 3.87 | 3 |
| SANTA CRUZ | Santa Cruz city, Scotts Valley city | SCOTTS VALLEY WATER DISTRICT | 4410013 | 100% GW | 11301 | 7 | 1 | 4410013-021 | Arsenic | 10 | ug/L | 9/12/2007 | 2 | 16 | 6.88 | 44 |
| SANTA CRUZ | Watsonville | WATSONVILLE, CITY OF | 4410011 | Mixed <50%GW | 51703 | 14 | 1 | 4410011-005 | Nitrate (as NO3) | 45 | mg/L | 7/9/2003 | 5 | 59 | 34.1568889 | 5 |
| SANTA CRUZ | Boulder Creek, Brookdale, Ben Lomond, Zayante, Scotts Valley, Manana Woods, Felton | SAN LORENZO VALLEY WATER DIST | 4410014 | Mixed <50%GW | 19000 | 6 | 1 | 4410014-023 | Arsenic | 10 | ug/L | 1/23/2007 | 6 | 15 | 8.74603175 | 6 |
| SANTA CRUZ | City of Scotts Valley | MANANA WOODS MUTUAL WATER CO | 4400539 | 100% GW | 350 | 1 | 1 | 4400539-001 | Benzene | 1 | ug/L | 8/6/2008 | 9 | 5.8 | 1.04 | 39 |
| | | | | | | | | 4400539-001 | Methyl tertiary butyl ether (MTBE) | 13 | ug/L | 2/4/2009 | 9 | 37 | 10.18 | 39 |
| SANTA CRUZ | Felton CDP, Scotts Valley city | FOREST LAKES MWC | 4410016 | 100% GW | 1145 | 11 | 1 | 4410016-013 | Arsenic | 10 | ug/L | 1/29/2008 | 5 | 94 | 14.25 | 15 |
| SANTA CRUZ | La Selva Beach CDP | SAN ANDREAS MUTUAL WATER CO | 4400558 | 100% GW | 350 | 3 | 1 | 4400558-003 | Nitrate (as NO3) | 45 | mg/L | 8/17/2010 | 6 | 61 | 56.50 | 6 |
| SHASTA | Redding | CITY OF REDDING | 4510005 | Mixed <50%GW | 85703 | 17 | 2 | 4510005-026 | Arsenic | 10 | ug/L | 8/6/2008 | 3 | 21 | 7.14347826 | 3 |
| | | | | | | | | 4510005-067 | Arsenic | 10 | ug/L | 10/7/2010 | 13 | 27 | 9.25555556 | 13 |
| SIERRA | Calpine CDP | SIERRA CO. W.W.D #1 CALPINE | 4600019 | 100% GW | 225 | 2 | 2 | 4600019-001 | Arsenic | 10 | ug/L | 10/18/2010 | 10 | 22 | 18.27 | 11 |
| | | | | | | | | 4600019-002 | Arsenic | 10 | ug/L | 3/17/2010 | 3 | 12 | 8.67 | 11 |
| SOLANO | City of Vacaville | RURAL NORTH VACAVILLE WATER DISTRICT | 4810013 | 100% GW | 900 | 2 | 2 | 4810013-001 | Arsenic | 10 | ug/L | 8/9/2004 | 2 | 13 | 6.11 | 31 |
| | | | | | | | | 4810013-002 | Arsenic | 10 | ug/L | 5/19/2008 | 23 | 25 | 16.45 | 26 |
| | | | | | | | | 4810002-004 | Nitrate (as NO3) | 45 | mg/L | 9/2/2007 | 2 | 66 | 35.31 | 143 |
| SOLANO | Rio Vista city | CITY OF RIO VISTA | 4810004 | 100% GW | 7376 | 7 | 4 | 4810004-002 | Arsenic | 10 | ug/L | 5/12/2008 | 2 | 15 | 8.72 | 25 |
| | | | | | | | | 4810004-004 | Arsenic | 10 | ug/L | 11/2/2010 | 36 | 20 | 16.00 | 35 |
| | | | | | | | | 4810004-006 | Arsenic | 10 | ug/L | 11/12/2007 | 2 | 13 | 8.64 | 14 |
| | | | | | | | | 4810004-003 | Benzene | 1 | ug/L | 7/10/2002 | 3 | 1.3 | 0.47 | 64 |
| SOLANO | City of Vacaville | DANA RANCH | 4800574 | 100% GW | 34 | 1 | 1 | 4800574-001 | Arsenic | 10 | ug/L | 11/16/2005 | 2 | 17 | 11.25 | 4 |
| SONOMA | City of Penngrove | GEORGE RANCH MUTUAL WATER COMPANY | 4900973 | 100% GW | 75 | 3 | 1 | 4900973-001 | Arsenic | 10 | ug/L | 5/19/2010 | 2 | 19 | 12.13 | 3 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|------------|------------------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|----------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| SONOMA | City of Petaluma | BOULEVARD HEIGHTS MUTUAL WATER | 4901071 | 100% GW | 51 | 2 | 1 | 4901071-005 | Arsenic | 10 | ug/L | 9/1/2009 | 5 | 14 | 8.04 | 14 |
| SONOMA | City of Santa Rosa | WESTERN MOBILE HOME PARK | 4900791 | 100% GW | 225 | 2 | 1 | 4900791-001 | Trichloroethylene (TCE) | 5 | ug/L | 12/23/2008 | 3 | 6.2 | 3.37 | 26 |
| SONOMA | City of Santa Rosa | SEQUOIA GARDENS MOBILE HOME PARK | 4900676 | 100% GW | 300 | 1 | 1 | 4900676-001 | Arsenic | 10 | ug/L | 9/21/2010 | 14 | 18 | 12.07 | 19 |
| SONOMA | City of Windsor | MOUNT WESKE ESTATES MUTUAL WATER COMPANY | 4900643 | 100% GW | 62 | 1 | 1 | 4900643-001 | Arsenic | 10 | ug/L | 6/28/2010 | 24 | 94 | 55.83 | 24 |
| SONOMA | Larkfield-Wikiup CDP | CALIFORNIA-AMERICAN LARKFIELD (PUC) | 4910023 | 100% GW | 7775 | 6 | 2 | 4910023-006 | Arsenic | 10 | ug/L | 11/8/2010 | 41 | 51 | 13.50 | 48 |
| | | | | | | | | 4910023-007 | Arsenic | 10 | ug/L | 7/9/2003 | 2 | 12 | 9.27 | 46 |
| SONOMA | Larkfield-Wikiup CDP, Windsor town | WINDSOR, TOWN OF | 4910017 | 100% GW | 26432 | 7 | 1 | 4910017-008 | Arsenic | 10 | ug/L | 3/12/2008 | 4 | 22 | 19.00 | 4 |
| SONOMA | Rohnert Park city | ROHNERT PARK, CITY OF | 4910014 | 100% GW | 42650 | 31 | 2 | 4910014-015 | Arsenic | 10 | ug/L | 1/16/2008 | 4 | 19 | 11.06 | 10 |
| | | | | | | | | 4910014-041 | Arsenic | 10 | ug/L | 3/31/2009 | 3 | 15 | 9.35 | 11 |
| SONOMA | Sebastopol city | RANCHO SANTA ROSA MHP | 4900786 | 100% GW | 175 | 1 | 1 | 4900786-001 | Arsenic | 10 | ug/L | 7/27/2010 | 17 | 30 | 14.27 | 20 |
| SONOMA | Sebastopol city | MOUNTAIN VIEW MOBILE ESTATES, LLC | 4900798 | 100% GW | 200 | 2 | 1 | 4900798-002 | 1,1-Dichloroethylene (1,1-DCE) | 6 | ug/L | 11/16/2010 | 14 | 13 | 3.09 | 43 |
| | | | | | | | | 4900798-002 | Trichloroethylene (TCE) | 5 | ug/L | 11/16/2010 | 18 | 64 | 14.93 | 44 |
| SONOMA | Sebastopol city | WEST FIELD COMMUNITY | 4900855 | 100% GW | 75 | 1 | 1 | 4900855-001 | Arsenic | 10 | ug/L | 6/23/2010 | 13 | 28 | 13.90 | 19 |
| SONOMA | Sebastopol city | MOORLAND AVENUE APARTMENTS | 4901195 | 100% GW | 64 | 1 | 1 | 4901195-002 | Arsenic | 10 | ug/L | 9/24/2010 | 9 | 48 | 15.89 | 13 |
| SONOMA | Sebastopol city | SEBASTOPOL, CITY OF | 4910011 | 100% GW | 7750 | 4 | 2 | 4910011-004 | Arsenic | 10 | ug/L | 2/2/2009 | 16 | 24 | 16.54 | 17 |
| | | | | | | | | 4910011-005 | Arsenic | 10 | ug/L | 9/23/2009 | 7 | 49 | 9.31 | 26 |
| SONOMA | Sonoma city | RANCHO DE SONOMA | 4900845 | 100% GW | 130 | 1 | 1 | 4900845-001 | Arsenic | 10 | ug/L | 10/12/2010 | 16 | 27 | 16.74 | 17 |
| SONOMA | Valley Ford CDP | VALLEY FORD WATER ASSOCIATION | 4900568 | 100% GW | 40 | 3 | 3 | 4900568-001 | Nitrate (as NO3) | 45 | mg/L | 9/28/2010 | 11 | 92 | 48.49 | 21 |
| | | | | | | | | 4900568-002 | Nitrate (as NO3) | 45 | mg/L | 9/28/2010 | 15 | 73 | 53.35 | 20 |
| | | | | | | | | 4900568-003 | Nitrate (as NO3) | 45 | mg/L | 9/28/2010 | 8 | 69 | 37.54 | 19 |
| SONOMA | City of Petaluma | LOCH HAVEN MUTUAL WATER COMPANY | 4900575 | 100% GW | 50 | 1 | 1 | 4900575-002 | Arsenic | 10 | ug/L | 9/19/2010 | 13 | 37 | 16.98 | 17 |
| SONOMA | Windsor town | SHAMROCK MOBILE HOME PARK | 4900723 | 100% GW | 188 | 1 | 1 | 4900723-001 | Arsenic | 10 | ug/L | 11/3/2010 | 8 | 40 | 16.19 | 12 |
| STANISLAUS | Ceres city | CERES, CITY OF | 5010028 | 100% GW | 40943 | 15 | 3 | 5010028-032 | Arsenic | 10 | ug/L | 9/8/2010 | 17 | 18 | 12.66 | 19 |
| | | | | | | | | 5010028-022 | Gross alpha particle activity | 15 | pCi/L | 8/14/2006 | 7 | 31.2 | 24.04 | 7 |
| | | | | | | | | 5010028-025 | Gross alpha particle activity | 15 | pCi/L | 2/13/2006 | 5 | 24.3 | 22.62 | 5 |
| | | | | | | | | 5010028-025 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 35 | 54 | 45.45 | 60 |
| | | | | | | | | 5010028-022 | Uranium | 20 | pCi/L | 6/7/2010 | 20 | 39 | 15.54 | 55 |
| | | | | | | | | 5010028-025 | Uranium | 20 | pCi/L | 10/6/2010 | 17 | 30 | 25.26 | 17 |
| STANISLAUS | Grayson CDP | CITY OF MODESTO, DE GRAYSON | 5010033 | 100% GW | 1100 | 2 | 2 | 5010033-001 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 177 | 76.1 | 52.46 | 219 |
| | | | | | | | | 5010033-002 | Nitrate (as NO3) | 45 | mg/L | 11/3/2010 | 184 | 86.3 | 59.26 | 194 |
| STANISLAUS | Hughson city | HUGHSON, CITY OF | 5010008 | 100% GW | 6082 | 6 | 4 | 5010008-006 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/9/2010 | 5 | 0.27 | 0.12 | 22 |
| | | | | | | | | 5010008-003 | Arsenic | 10 | ug/L | 3/28/2006 | 3 | 17 | 9.00 | 25 |
| | | | | | | | | 5010008-005 | Arsenic | 10 | ug/L | 10/14/2010 | 30 | 16 | 13.00 | 34 |
| | | | | | | | | 5010008-006 | Arsenic | 10 | ug/L | 7/8/2010 | 15 | 17 | 10.50 | 34 |
| | | | | | | | | 5010008-007RAW | Arsenic | 10 | ug/L | 10/14/2010 | 29 | 26 | 16.13 | 32 |
| STANISLAUS | Keyes CDP | KEYES COMMUNITY SERVICES DIST. | 5010009 | 100% GW | 4575 | 4 | 4 | 5010009-005 | Arsenic | 10 | ug/L | 7/17/2007 | 3 | 16 | 9.84 | 17 |
| | | | | | | | | 5010009-006 | Arsenic | 10 | ug/L | 10/19/2010 | 26 | 18 | 14.75 | 26 |
| | | | | | | | | 5010009-007 | Arsenic | 10 | ug/L | 10/19/2010 | 26 | 19 | 12.94 | 27 |
| | | | | | | | | 5010009-012RW1 | Arsenic | 10 | ug/L | 10/19/2010 | 26 | 16 | 14.12 | 26 |
| STANISLAUS | Waterford city | CITY OF MODESTO, DE WATERFORD | 5010006 | 100% GW | 7897 | 6 | 1 | 5010006-006 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/7/2009 | 22 | 0.5 | 0.21 | 45 |
| STANISLAUS | Bret Harte CDP, Bystrom CDP, | MODESTO, CITY OF | 5010010 | >50% GW Mixed | 212000 | 75 | 27 | 5010010-040 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/11/2002 | 4 | 0.28 | 0.11 | 34 |

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| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|------------|-------------------------------------------------------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| STANISLAUS | Ceres city, Empire CDP, Modesto city, Shackelford CDP, West Modesto CDP | | | | | | | 5010010-151 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 2/5/2004 | 14 | 0.67 | 0.31 | 22 |
| | | | | | | | | 5010010-178 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/3/2010 | 41 | 1.1 | 0.64 | 50 |
| | | | | | | | | 5010010-180 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 4/7/2010 | 32 | 0.42 | 0.25 | 41 |
| | | | | | | | | 5010010-184 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/3/2010 | 60 | 0.91 | 0.45 | 64 |
| | | | | | | | | 5010010-191 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 5/2/2007 | 15 | 0.24 | 0.17 | 61 |
| | | | | | | | | 5010010-194 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 2/3/2010 | 35 | 0.44 | 0.21 | 65 |
| | | | | | | | | 5010010-051 | Arsenic | 10 | ug/L | 9/5/2006 | 4 | 14 | 11.00 | 6 |
| | | | | | | | | 5010010-003 | Gross alpha particle activity | 15 | pCi/L | 6/6/2007 | 4 | 30 | 14.50 | 11 |
| | | | | | | | | 5010010-006 | Gross alpha particle activity | 15 | pCi/L | 6/10/2008 | 2 | 18 | 12.23 | 9 |
| | | | | | | | | 5010010-008 | Gross alpha particle activity | 15 | pCi/L | 6/10/2008 | 5 | 17.1 | 12.50 | 14 |
| | | | | | | | | 5010010-018 | Gross alpha particle activity | 15 | pCi/L | 6/11/2008 | 8 | 21.7 | 15.43 | 12 |
| | | | | | | | | 5010010-019 | Gross alpha particle activity | 15 | pCi/L | 6/11/2008 | 5 | 28 | 12.20 | 13 |
| | | | | | | | | 5010010-020 | Gross alpha particle activity | 15 | pCi/L | 7/8/2004 | 5 | 19 | 13.74 | 8 |
| | | | | | | | | 5010010-027 | Gross alpha particle activity | 15 | pCi/L | 11/12/2008 | 12 | 25.8 | 13.33 | 29 |
| | | | | | | | | 5010010-031 | Gross alpha particle activity | 15 | pCi/L | 7/7/2010 | 4 | 27.8 | 11.88 | 18 |
| | | | | | | | | 5010010-032 | Gross alpha particle activity | 15 | pCi/L | 7/7/2010 | 3 | 23.9 | 11.71 | 13 |
| | | | | | | | | 5010010-038 | Gross alpha particle activity | 15 | pCi/L | 6/12/2008 | 8 | 23.2 | 15.35 | 17 |
| | | | | | | | | 5010010-040 | Gross alpha particle activity | 15 | pCi/L | 9/4/2007 | 8 | 29.1 | 19.84 | 11 |
| | | | | | | | | 5010010-059 | Gross alpha particle activity | 15 | pCi/L | 6/7/2005 | 2 | 15.9 | 11.80 | 12 |
| | | | | | | | | 5010010-070 | Gross alpha particle activity | 15 | pCi/L | 6/10/2008 | 2 | 16 | 11.63 | 16 |
| | | | | | | | | 5010010-135 | Gross alpha particle activity | 15 | pCi/L | 6/10/2008 | 7 | 40.9 | 24.90 | 9 |
| | | | | | | | | 5010010-146 | Gross alpha particle activity | 15 | pCi/L | 9/30/2010 | 4 | 27.7 | 25.30 | 4 |
| | | | | | | | | 5010010-147 | Gross alpha particle activity | 15 | pCi/L | 6/23/2010 | 2 | 19 | 12.85 | 11 |
| | | | | | | | | 5010010-148 | Gross alpha particle activity | 15 | pCi/L | 10/19/2005 | 4 | 23.96 | 18.47 | 5 |
| | | | | | | | | 5010010-171 | Gross alpha particle activity | 15 | pCi/L | 6/16/2010 | 2 | 17.2 | 9.97 | 11 |
| | | | | | | | | 5010010-192 | Gross alpha particle activity | 15 | pCi/L | 7/5/2006 | 3 | 24.2 | 14.11 | 8 |
| | | | | | | | | 5010010-020 | Nitrate (as NO3) | 45 | mg/L | 11/16/2007 | 8 | 51.4 | 40.59 | 14 |
| | | | | | | | | 5010010-031 | Nitrate (as NO3) | 45 | mg/L | 11/17/2010 | 49 | 76 | 34.57 | 132 |
| | | | | | | | | 5010010-040 | Nitrate (as NO3) | 45 | mg/L | 9/8/2010 | 4 | 57 | 38.64 | 24 |
| | | | | | | | | 5010010-059 | Nitrate (as NO3) | 45 | mg/L | 8/20/2008 | 10 | 50.5 | 35.85 | 112 |
| | | | | | | | | 5010010-135 | Nitrate (as NO3) | 45 | mg/L | 11/10/2010 | 37 | 73.9 | 48.71 | 52 |
| | | | | | | | | 5010010-192 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/6/2010 | 34 | 19 | 6.65 | 68 |
| | | | | | | | | 5010010-052 | Trichloroethylene (TCE) | 5 | ug/L | 7/7/2010 | 21 | 9 | 5.83 | 35 |
| | | | | | | | | 5010010-192 | Trichloroethylene (TCE) | 5 | ug/L | 9/8/2009 | 18 | 9 | 3.44 | 64 |
| | | | | | | | | 5010010-003 | Uranium | 20 | pCi/L | 7/7/2009 | 4 | 31.4 | 14.28 | 21 |
| | | | | | | | | 5010010-019 | Uranium | 20 | pCi/L | 9/3/2008 | 2 | 29 | 13.48 | 17 |
| | | | | | | | | 5010010-027 | Uranium | 20 | pCi/L | 11/12/2008 | 5 | 25 | 11.80 | 40 |
| | | | | | | | | 5010010-038 | Uranium | 20 | pCi/L | 6/12/2008 | 5 | 23 | 13.91 | 37 |
| | | | | | | | | 5010010-040 | Uranium | 20 | pCi/L | 10/1/2008 | 13 | 29 | 18.14 | 58 |
| | | | | | | | | 5010010-135 | Uranium | 20 | pCi/L | 8/11/2010 | 20 | 37 | 27.04 | 23 |
| | | | | | | | | 5010010-146 | Uranium | 20 | pCi/L | 7/22/2004 | 3 | 27.8 | 23.15 | 4 |
| | | | | | | | | 5010010-148 | Uranium | 20 | pCi/L | 11/6/2002 | 2 | 24.1 | 17.88 | 5 |
| STANISLAUS | Ceres city | CERES, CITY OF | 5010028 | 100% GW | 40943 | 15 | 2 | 5010028-001 | Gross alpha particle activity | 15 | pCi/L | 12/14/2004 | 5 | 23.6 | 20.38 | 6 |
| | | | | | | | | 5010028-016 | Nitrate (as NO3) | 45 | mg/L | 9/18/2007 | 5 | 55 | 29.08 | 25 |
| | | | | | | | | 5010028-001 | Uranium | 20 | pCi/L | 10/6/2010 | 21 | 35.7 | 23.66 | 26 |
| STANISLAUS | City of Ceres | CERES WEST MHP | 5000077 | 100% GW | 161 | 1 | 1 | 5000077-001 | Arsenic | 10 | ug/L | 9/17/2010 | 17 | 22 | 17.42 | 17 |
| STANISLAUS | City of Hughson | COUNTRY VILLA APTS | 5000218 | 100% GW | 30 | 1 | 1 | 5000218-004 | Arsenic | 10 | ug/L | 9/30/2010 | 12 | 24 | 20.42 | 12 |
| STANISLAUS | City of Modesto | COBLES CORNER | 5000033 | 100% GW | 50 | 1 | 1 | 5000033-002 | Arsenic | 10 | ug/L | 9/2/2010 | 17 | 32 | 13.75 | 19 |
| STANISLAUS | City of Modesto | TULLY MOBILE ESTATES | 5000067 | 100% GW | 40 | 1 | 1 | 5000067-001 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/10/2010 | 8 | 0.6 | 0.29 | 11 |
| STANISLAUS | City of Modesto | COUNTRY WESTERN MOBILE HOME PARK | 5000080 | 100% GW | 120 | 1 | 1 | 5000080-003 | Arsenic | 10 | ug/L | 10/22/2010 | 15 | 31 | 23.06 | 15 |
| STANISLAUS | City of Turlock | COUNTRYSIDE MOBILEHOME ESTATES - ADULT P | 5000086 | 100% GW | 60 | 1 | 1 | 5000086-001 | Arsenic | 10 | ug/L | 10/4/2010 | 17 | 16 | 13.00 | 18 |
| STANISLAUS | City of Turlock | FAITH HOME TEEN RANCH | 5000217 | 100% GW | 50 | 2 | 1 | 5000217-001 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 19 | 70.5 | 43.61 | 39 |
| STANISLAUS | Keyes CDP | MOBILE PLAZA PARK | 5000051 | 100% GW | 125 | 2 | 1 | 5000051-001 | Arsenic | 10 | ug/L | 9/7/2010 | 10 | 15 | 9.93 | 15 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|------------|-------------------------|------------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|----------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| STANISLAUS | Keyes CDP | GREEN RUN MOBILE ESTATES | 5000085 | 100% GW | 100 | 1 | 1 | 5000085-002 | Arsenic | 10 | ug/L | 9/3/2010 | 15 | 19 | 14.25 | 16 |
| STANISLAUS | Monterey Park Tract CDP | MONTEREY PARK TRACT COMMUNITY SERVICE DI | 5000389 | 100% GW | 186 | 1 | 1 | 5000389-002 | Arsenic | 10 | ug/L | 9/1/2010 | 22 | 44 | 33.40 | 22 |
| | | | | | | | | 5000389-002 | Nitrate (as NO3) | 45 | mg/L | 10/6/2010 | 4 | 71.8 | 28.78 | 35 |
| STANISLAUS | Riverdale Park CDP | RIVERDALE PARK TRACT COMMUNITY | 5000019 | 100% GW | 300 | 1 | 1 | 5000019-003 | Gross alpha particle activity | 15 | pCi/L | 6/26/2008 | 12 | 24.6 | 18.87 | 15 |
| | | | | | | | | 5000019-003 | Uranium | 20 | pCi/L | 3/27/2007 | 3 | 21 | 17.63 | 12 |
| STANISLAUS | Turlock city | CURTIS INVESTMENTS | 5000316 | 100% GW | 42 | 1 | 1 | 5000316-001 | Arsenic | 10 | ug/L | 10/21/2010 | 14 | 16.1 | 12.06 | 15 |
| STANISLAUS | Turlock city | TURLOCK, CITY OF | 5010019 | 100% GW | 64215 | 25 | 6 | 5010019-028 M | Arsenic | 10 | ug/L | 7/8/2010 | 10 | 11 | 10.56 | 17 |
| | | | | | | | | 5010019-031 | Arsenic | 10 | ug/L | 7/7/2010 | 4 | 12 | 9.92 | 10 |
| | | | | | | | | 5010019-035 | Arsenic | 10 | ug/L | 7/29/2009 | 5 | 12 | 10.25 | 17 |
| | | | | | | | | 5010019-038RW3 | Arsenic | 10 | ug/L | 12/2/2010 | 5 | 12 | 10.43 | 9 |
| | | | | | | | | 5010019-004 | Carbon tetrachloride | 0.5 | ug/L | 7/11/2002 | 5 | 0.63 | 0.20 | 19 |
| | | | | | | | | 5010019-024 | Nitrate (as NO3) | 45 | mg/L | 2/4/2009 | 4 | 56.4 | 32.94 | 35 |
| STANISLAUS | Undetermined | FOSTER FARMS #5 | 5000579 | 100% GW | 26 | 2 | 1 | 5000579-001 | Gross alpha particle activity | 15 | pCi/L | 7/1/2010 | 2 | 24 | 13.41 | 8 |
| SUTTER | Live Oak city | CITY OF LIVE OAK | 5110001 | 100% GW | 7475 | 4 | 4 | 5110001-003 | Arsenic | 10 | ug/L | 11/17/2010 | 22 | 19.1 | 14.07 | 24 |
| | | | | | | | | 5110001-004 | Arsenic | 10 | ug/L | 11/17/2010 | 19 | 43 | 13.86 | 24 |
| | | | | | | | | 5110001-011 | Arsenic | 10 | ug/L | 11/17/2010 | 13 | 40 | 25.31 | 13 |
| | | | | | | | | 5110001-013 | Arsenic | 10 | ug/L | 11/17/2010 | 11 | 73 | 46.91 | 11 |
| SUTTER | Robbins CDP | SUTTER CO. WWD#1 (ROBBINS) | 5100107 | 100% GW | 336 | 1 | 1 | 5100107-004 | Arsenic | 10 | ug/L | 11/10/2004 | 3 | 43.6 | 21.45 | 4 |
| SUTTER | Yuba City city | YUBA CITY GROUNDWATER- REGION 2-3 | 5110003 | 100% GW | 10200 | 3 | 3 | 5110003-004 | Arsenic | 10 | ug/L | 7/13/2010 | 38 | 38.48 | 20.06 | 40 |
| | | | | | | | | 5110003-007 | Arsenic | 10 | ug/L | 9/8/2010 | 49 | 40 | 24.02 | 51 |
| | | | | | | | | 5110003-009 | Arsenic | 10 | ug/L | 9/8/2010 | 39 | 140 | 33.71 | 40 |
| SUTTER | Yuba City city | YUBA CITY GROUNDWATER REGION 1 | 5115001 | 100% GW | | | 2 | 5115001-005 | Arsenic | 10 | ug/L | 4/13/2010 | 41 | 23.2 | 16.13 | 43 |
| | | | | | | | | 5115001-006 | Arsenic | 10 | ug/L | 4/13/2010 | 32 | 21.4 | 12.66 | 39 |
| SUTTER | Yuba City city | EL MARGARITA MUTUAL WATER CO. | 5100102 | 100% GW | 246 | 1 | 1 | 5100102-001 | Perchlorate | 6 | ug/L | 4/14/2010 | 2 | 6.6 | 5.55 | 10 |
| SUTTER | Yuba City city | WILDWOOD MUTUAL WATER COMPANY | 5100109 | 100% GW | 255 | 1 | 1 | 5100109-002 | Arsenic | 10 | ug/L | 7/5/2010 | 17 | 33 | 26.45 | 17 |
| SUTTER | Yuba City city | COUNTRY VILLAGE SOUTH MHP | 5101006 | 100% GW | 33 | 1 | 1 | 5101006-002 | Arsenic | 10 | ug/L | 9/9/2009 | 3 | 12 | 10.55 | 4 |
| TEHAMA | Los Molinos CDP | LOS MOLINOS COMM. SERVICES DIST. | 5210003 | 100% GW | 1500 | 3 | 1 | 5210003-003 | Arsenic | 10 | ug/L | 7/21/2010 | 10 | 12.5 | 11.59 | 10 |
| TEHAMA | Los Molinos CDP | ORCHARD MOBILE HOME PARK | 5200550 | 100% GW | 56 | 2 | 2 | 5200550-001 | Arsenic | 10 | ug/L | 10/20/2010 | 17 | 28 | 21.88 | 17 |
| | | | | | | | | 5200550-002 | Arsenic | 10 | ug/L | 10/20/2010 | 17 | 20 | 16.88 | 17 |
| TEHAMA | Los Molinos CDP | MILLSTREAM MOBILE HOME PARK | 5201137 | 100% GW | 53 | 1 | 1 | 5201137-001 | Arsenic | 10 | ug/L | 10/20/2010 | 16 | 22 | 17.41 | 18 |
| TULARE | City of Porterville | LAKE SUCCESS MOBILE LODGE | 5400660 | 100% GW | 20 | 1 | 1 | 5400660-001 | Nitrate (as NO3) | 45 | mg/L | 10/19/2010 | 30 | 76 | 59.71 | 33 |
| TULARE | Springville CDP | TRACT 327 MUTUAL WATER CO | 5403103 | 100% GW | 24 | 1 | 1 | 5403103-001 | Gross alpha particle activity | 15 | pCi/L | 3/9/2007 | 2 | 71 | 64.50 | 2 |
| | | | | | | | | 5403103-001 | Uranium | 20 | pCi/L | 2/3/2010 | 2 | 101 | 86.00 | 2 |
| TULARE | Alpaugh | ALPAUGH JOINT POWERS AUTHORITY | 5410050 | 100% GW | 910 | 2 | 2 | 5410050-003 | Arsenic | 10 | ug/L | 9/3/2008 | 3 | 29 | 10.72 | 10 |
| | | | | | | | | 5410050-004 | Arsenic | 10 | ug/L | 9/1/2010 | 17 | 18 | 14.25 | 19 |
| TULARE | City of Bakersville | CWS - MULLEN WATER COMPANY | 5400935 | 100% GW | 139 | 1 | 1 | 5400935-001 | Perchlorate | 6 | ug/L | 5/6/2008 | 25 | 24 | 5.02 | 92 |
| TULARE | Cutler CDP | CUTLER PUD | 5410001 | 100% GW | 6200 | 3 | 1 | 5410001-004 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 8/3/2010 | 53 | 0.36 | 0.22 | 91 |
| | | | | | | | | 5410001-004 | Nitrate (as NO3) | 45 | mg/L | 11/19/2009 | 17 | 54 | 37.81 | 113 |
| TULARE | Dinuba city | DINUBA, CITY OF | 5410002 | 100% GW | 21237 | 8 | 1 | 5410002-013 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/16/2009 | 11 | 0.27 | 0.16 | 93 |
| TULARE | East Tulare Villa CDP | CWS - TULCO WATER COMPANY | 5410041 | 100% GW | 799 | 2 | 1 | 5410041-002 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 12/1/2004 | 7 | 0.3 | 0.16 | 101 |
| | | | | | | | | 5410041-002 | Nitrate (as NO3) | 45 | mg/L | 7/8/2010 | 2 | 129 | 34.29 | 29 |
| TULARE | Exeter city | EXETER, CITY OF | 5410003 | 100% GW | 10730 | 7 | 2 | 5410003-002 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 9/11/2009 | 29 | 0.53 | 0.26 | 43 |
| | | | | | | | | 5410003-006 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 11/30/2007 | 5 | 0.33 | 0.14 | 36 |

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| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|--------|-----------------------------------------------|---------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|------------------------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| TULARE | Goshen CDP, Patterson Tract CDP, Visalia city | CWS - VISALIA | 5410016 | 100% GW | 133749 | 74 | 5 | 5410003-006 | Perchlorate | 6 | ug/L | 8/5/2010 | 6 | 8.3 | 6.94 | 7 |
| | | | | | | | | 5410016-016 | 1,2-Dibromo-3-chloropropane (DBCP) | 0.2 | ug/L | 6/16/2009 | 5 | 0.24 | 0.16 | 107 |
| | | | | | | | | 5410016-085 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 17 | 84.887 | 32.05 | 148 |
| | | | | | | | | 5410016-151 | Nitrate (as NO3) | 45 | mg/L | 7/10/2002 | 10 | 49 | 28.43 | 45 |
| | | | | | | | | 5410016-016 | Tetrachloroethylene (PCE) | 5 | ug/L | 10/6/2010 | 46 | 7.78 | 4.94 | 108 |
| TULARE | Pine Flat CDP | PINE FLAT WATER COMPANY | 5410034 | 100% GW | 200 | 4 | 2 | 5410016-037 | Tetrachloroethylene (PCE) | 5 | ug/L | 11/14/2010 | 97 | 66.61 | 39.01 | 106 |
| | | | | | | | | 5410034-007 | Gross alpha particle activity | 15 | pCi/L | 9/23/2010 | 6 | 26.9 | 24.32 | 6 |
| | | | | | | | | 5410034-009 | Gross alpha particle activity | 15 | pCi/L | 11/21/2006 | 4 | 29.1 | 18.70 | 5 |
| | | | | | | | | 5410034-007 | Uranium | 20 | pCi/L | 10/22/2010 | 8 | 29.7 | 22.41 | 10 |
| TULARE | Porterville city | PORTERVILLE DEVELOPMENTAL CENTER | 5410801 | 100% GW | 2567 | 7 | 2 | 5410034-009 | Uranium | 20 | pCi/L | 9/22/2009 | 5 | 29.5 | 15.95 | 9 |
| | | | | | | | | 5410801-006 | Nitrate (as NO3) | 45 | mg/L | 9/29/2009 | 33 | 100 | 54.11 | 58 |
| TULARE | Richgrove CDP | RICHGROVE COMMUNITY SERVICES DISTRICT | 5410024 | 100% GW | 3330 | 2 | 1 | 5410801-009 | Nitrate (as NO3) | 45 | mg/L | 9/1/2009 | 114 | 81 | 57.99 | 145 |
| | | | | | | | | 5410024-004 | Arsenic | 10 | ug/L | 7/20/2010 | 11 | 17 | 10.41 | 18 |
| TULARE | Strathmore, Porterville | STRATHMORE PUBLIC UTIL DIST | 5410012 | Mixed <50%GW | 1904 | 1 | 1 | 5410012-002 | Nitrate (as NO3) | 45 | mg/L | 11/8/2010 | 198 | 83 | 65.8838384 | 193 |
| TULARE | City of Porterville | DEL ORO RIVER ISLAND SERV TERR #1 | 5400665 | 100% GW | 810 | 14 | 6 | 5400665-002 | Gross alpha particle activity | 15 | pCi/L | 9/28/2010 | 6 | 60.4 | 41.52 | 6 |
| | | | | | | | | 5400665-005 | Gross alpha particle activity | 15 | pCi/L | 9/28/2010 | 6 | 49.9 | 36.44 | 8 |
| | | | | | | | | 5400665-008 | Gross alpha particle activity | 15 | pCi/L | 10/23/2008 | 6 | 25.3 | 19.70 | 7 |
| | | | | | | | | 5400665-018 | Gross alpha particle activity | 15 | pCi/L | 9/28/2010 | 2 | 15.6 | 10.14 | 9 |
| | | | | | | | | 5400665-021 | Gross alpha particle activity | 15 | pCi/L | 6/17/2010 | 5 | 28.2 | 15.18 | 9 |
| | | | | | | | | 5400665-025 | Gross alpha particle activity | 15 | pCi/L | 6/17/2010 | 7 | 25.6 | 20.98 | 8 |
| | | | | | | | | 5400665-002 | Nitrate (as NO3) | 45 | mg/L | 7/21/2009 | 12 | 99 | 46.70 | 28 |
| | | | | | | | | 5400665-005 | Nitrate (as NO3) | 45 | mg/L | 9/21/2005 | 4 | 64.1 | 37.18 | 23 |
| | | | | | | | | 5400665-002 | Uranium | 20 | pCi/L | 10/26/2010 | 14 | 55.2 | 31.26 | 16 |
| | | | | | | | | 5400665-005 | Uranium | 20 | pCi/L | 10/26/2010 | 5 | 44.8 | 25.38 | 8 |
| | | | | | | | | 5400665-008 | Uranium | 20 | pCi/L | 9/28/2010 | 7 | 23.4 | 19.03 | 12 |
| | | | | | | | | 5400665-025 | Uranium | 20 | pCi/L | 3/22/2010 | 3 | 24.2 | 19.37 | 6 |
| TULARE | City of Springville | DEL ORO RIVER ISLAND SERV TERR #2 | 5402048 | 100% GW | 87 | 2 | 2 | 5402048-002 | Gross alpha particle activity | 15 | pCi/L | 10/13/2008 | 2 | 56.4 | 20.09 | 6 |
| | | | | | | | | 5402048-001 | Nitrate (as NO3) | 45 | mg/L | 6/17/2010 | 6 | 85 | 39.13 | 26 |
| | | | | | | | | 5402048-002 | Nitrate (as NO3) | 45 | mg/L | 6/17/2010 | 14 | 105 | 74.00 | 20 |
| | | | | | | | | 5402048-002 | Uranium | 20 | pCi/L | 10/13/2008 | 2 | 55.8 | 21.43 | 6 |
| TULARE | City of Dinuba | EL MONTE VILLAGE M H P | 5400523 | 100% GW | 100 | 1 | 1 | 5400523-001 | Nitrate (as NO3) | 45 | mg/L | 11/22/2010 | 14 | 77.9 | 45.37 | 29 |
| TULARE | City of Dinuba | GLEANINGS FOR THE HUNGRY | 5402047 | 100% GW | 31 | 3 | 1 | 5402047-001 | Nitrate (as NO3) | 45 | mg/L | 10/11/2010 | 24 | 115 | 83.14 | 26 |
| TULARE | City of Porterville | BEVERLY GRAND MUTUAL WATER | 5400651 | 100% GW | 108 | 1 | 1 | 5400651-001 | Nitrate (as NO3) | 45 | mg/L | 5/7/2010 | 18 | 91 | 69.39 | 18 |
| TULARE | City of Porterville | FAIRWAYS TRACT MUTUAL | 5400663 | 100% GW | 250 | 1 | 1 | 5400663-002 | Gross alpha particle activity | 15 | pCi/L | 10/25/2005 | 2 | 19 | 13.06 | 5 |
| | | | | | | | | 5400663-002 | Nitrate (as NO3) | 45 | mg/L | 11/13/2009 | 8 | 148 | 105.61 | 9 |
| TULARE | City of Porterville | SIERRA MUTUAL WATER CO | 5403110 | 100% GW | 39 | 2 | 2 | 5403110-001 | Nitrate (as NO3) | 45 | mg/L | 11/23/2009 | 4 | 100 | 96.75 | 4 |
| | | | | | | | | 5403110-002 | Nitrate (as NO3) | 45 | mg/L | 6/19/2008 | 3 | 110 | 77.50 | 4 |
| TULARE | City of Springville | TRIPLE R MUTUAL WATER CO | 5400670 | 100% GW | 400 | 10 | 6 | 5400670-002 | Gross alpha particle activity | 15 | pCi/L | 9/21/2004 | 6 | 20.5 | 16.73 | 7 |
| | | | | | | | | 5400670-004 | Gross alpha particle activity | 15 | pCi/L | 10/20/2008 | 2 | 18.3 | 13.16 | 7 |
| | | | | | | | | 5400670-005 | Gross alpha particle activity | 15 | pCi/L | 10/20/2008 | 3 | 17.7 | 15.13 | 7 |
| | | | | | | | | 5400670-006 | Gross alpha particle activity | 15 | pCi/L | 10/20/2008 | 6 | 25 | 19.92 | 6 |
| | | | | | | | | 5400670-008 | Gross alpha particle activity | 15 | pCi/L | 12/16/2003 | 2 | 16.1 | 10.73 | 7 |
| | | | | | | | | 5400670-001 | Nitrate (as NO3) | 45 | mg/L | 10/4/2010 | 25 | 61 | 54.06 | 27 |
| | | | | | | | | 5400670-006 | Nitrate (as NO3) | 45 | mg/L | 10/4/2010 | 26 | 70.9 | 56.26 | 27 |

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|----------|---------------------------|---------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 5400670-006 | Uranium | 20 | pCi/L | 10/20/2008 | 2 | 22.3 | 20.20 | 4 |
| TULARE | City of Tulare | ALLENSWORTH C S D | 5400544 | 100% GW | 400 | 2 | 2 | 5400544-002 | Arsenic | 10 | ug/L | 11/30/2010 | 8 | 13 | 11.30 | 10 |
| | | | | | | | | 5400544-003 | Arsenic | 10 | ug/L | 11/30/2010 | 3 | 13 | 9.25 | 8 |
| | | | | | | | | | | | | | | | | |
| TULARE | City of Tulare | SOULTS MUTUAL WATER CO | 5400805 | 100% GW | 100 | 1 | 1 | 5400805-001 | Gross alpha particle activity | 15 | pCi/L | 11/20/2007 | 6 | 35.5 | 24.35 | 6 |
| | | | | | | | | 5400805-001 | Nitrate (as NO3) | 45 | mg/L | 9/2/2010 | 23 | 118 | 76.14 | 24 |
| | | | | | | | | 5400805-001 | Uranium | 20 | pCi/L | 11/20/2007 | 4 | 36.9 | 34.00 | 4 |
| TULARE | City of Visalia | WOODVILLE FARM LABOR CENTER | 5400792 | 100% GW | 725 | 2 | 1 | 5400792-001 | Nitrate (as NO3) | 45 | mg/L | 3/17/2009 | 5 | 52 | 27.27 | 49 |
| TULARE | Ducor CDP | DUCOR CSD | 5400542 | 100% GW | 850 | 2 | 1 | 5400542-004 | Nitrate (as NO3) | 45 | mg/L | 1/5/2009 | 2 | 48 | 23.79 | 7 |
| TULARE | East Orosi CDP | EAST OROSI CSD | 5401003 | 100% GW | 700 | 2 | 2 | 5401003-001 | Nitrate (as NO3) | 45 | mg/L | 2/10/2010 | 6 | 61.3 | 38.50 | 25 |
| | | | | | | | | 5401003-002 | Nitrate (as NO3) | 45 | mg/L | 2/10/2010 | 6 | 59.9 | 39.68 | 26 |
| TULARE | Ivanhoe CDP | IVANHOE PUBLIC UTILITY DIST | 5410019 | 100% GW | 4474 | 4 | 1 | 5410019-007 | Nitrate (as NO3) | 45 | mg/L | 6/24/2008 | 3 | 52 | 33.49 | 37 |
| TULARE | Lemon Cove CDP | LEMON COVE WATER CO | 5400616 | 100% GW | 200 | 1 | 1 | 5400616-001 | Nitrate (as NO3) | 45 | mg/L | 8/26/2010 | 16 | 57.3 | 51.81 | 17 |
| TULARE | Matheny CDP | PRATT MUTUAL WATER CO | 5410033 | 100% GW | 1500 | 2 | 2 | 5410033-001 | Arsenic | 10 | ug/L | 10/14/2010 | 7 | 21 | 15.00 | 8 |
| | | | | | | | | 5410033-003 | Arsenic | 10 | ug/L | 10/14/2010 | 8 | 15 | 11.87 | 12 |
| TULARE | Orosi CDP | OROSI PUBLIC UTILITY DISTRICT | 5410008 | 100% GW | 7318 | 4 | 1 | 5410008-008 | Nitrate (as NO3) | 45 | mg/L | 3/10/2003 | 2 | 50 | 29.27 | 37 |
| TULARE | Pixley CDP | PIXLEY PUBLIC UTIL DIST | 5410009 | 100% GW | 2793 | 4 | 3 | 5410009-001 | Arsenic | 10 | ug/L | 10/18/2010 | 13 | 27 | 23.54 | 13 |
| | | | | | | | | 5410009-005 | Arsenic | 10 | ug/L | 10/18/2010 | 12 | 24 | 19.15 | 13 |
| | | | | | | | | 5410009-006 | Arsenic | 10 | ug/L | 4/29/2010 | 10 | 24 | 13.92 | 13 |
| TULARE | Plainview CDP | CENTRAL WATER CO | 5400682 | 100% GW | 170 | 1 | 1 | 5400682-001 | Nitrate (as NO3) | 45 | mg/L | 6/11/2010 | 2 | 52 | 33.20 | 5 |
| TULARE | Porterville city | AKIN WATER CO | 5401038 | 100% GW | 50 | 2 | 2 | 5401038-001 | Gross alpha particle activity | 15 | pCi/L | 3/12/2007 | 2 | 17.2 | 14.85 | 4 |
| | | | | | | | | 5401038-002 | Gross alpha particle activity | 15 | pCi/L | 3/12/2007 | 2 | 17.8 | 14.10 | 3 |
| | | | | | | | | 5401038-001 | Nitrate (as NO3) | 45 | mg/L | 2/8/2006 | 3 | 50 | 41.30 | 10 |
| TULARE | Rodriguez Camp CDP | RODRIGUEZ LABOR CAMP | 5400735 | 100% GW | 110 | 1 | 1 | 5400735-001 | Nitrate (as NO3) | 45 | mg/L | 3/4/2010 | 7 | 130 | 125.86 | 7 |
| TULARE | Seville CDP | SEVILLE WATER CO | 5400550 | 100% GW | 400 | 1 | 1 | 5400550-001 | Nitrate (as NO3) | 45 | mg/L | 12/14/2009 | 2 | 46 | 43.83 | 6 |
| TULARE | Three Rivers CDP | SEQUOIA RV RANCH | 5400629 | 100% GW | 22 | 1 | 1 | 5400629-002 | Arsenic | 10 | ug/L | 9/8/2009 | 13 | 49 | 17.00 | 14 |
| | | | | | | | | 5400629-002 | Gross alpha particle activity | 15 | pCi/L | 7/30/2007 | 4 | 22.9 | 18.32 | 5 |
| | | | | | | | | 5400629-002 | Uranium | pCi/L | ug/L | 3/21/2008 | 4 | 26.13 | 21.93 | 5 |
| TULARE | Three Rivers CDP | SO KAWEAH MUTUAL WATER CO | 5400754 | 100% GW | 300 | 3 | 3 | 5400754-001 | Arsenic | 10 | ug/L | 5/27/2010 | 7 | 19 | 9.72 | 18 |
| | | | | | | | | 5400754-002 | Arsenic | 10 | ug/L | 11/4/2009 | 9 | 17 | 11.18 | 22 |
| | | | | | | | | 5400754-003 | Arsenic | 10 | ug/L | 8/31/2010 | 15 | 98 | 19.38 | 21 |
| TULARE | Tooleville CDP | TOOLEVILLE WATER COMPANY | 5400567 | 100% GW | 300 | 2 | 2 | 5400567-001 | Nitrate (as NO3) | 45 | mg/L | 11/29/2006 | 3 | 67.1 | 46.04 | 9 |
| | | | | | | | | 5400567-002 | Nitrate (as NO3) | 45 | mg/L | 6/5/2009 | 5 | 68 | 42.06 | 12 |
| TULARE | Traver CDP | TRAVER WATER LLC | 5400553 | 100% GW | 500 | 3 | 1 | 5400553-001 | Nitrate (as NO3) | 45 | mg/L | 2/4/2009 | 2 | 58.7 | 24.21 | 18 |
| TULARE | Visalia city | WESTLAKE VILLAGE M H P | 5400966 | 100% GW | 350 | 1 | 1 | 5400966-001 | Nitrate (as NO3) | 45 | mg/L | 10/12/2010 | 4 | 51 | 43.79 | 19 |
| TULARE | Yetttem CDP | YETTEM WATER SYSTEM | 5403043 | 100% GW | 350 | 2 | 1 | 5403043-001 | Nitrate (as NO3) | 45 | mg/L | 4/2/2010 | 24 | 67 | 42.34 | 71 |
| TUOLUMNE | Mono Village | TUD - MONO VILLAGE WATER SYSTEM | 5510019 | Mixed <50%GW | 649 | 2 | 1 | 5510019-002 | Arsenic | 10 | ug/L | 12/6/2006 | 2 | 23 | 11.475 | 2 |
| TUOLUMNE | Standard City | BLUEBELL VALLEY MWC | 5500040 | 100% GW | 230 | 4 | 1 | 5500040-005 | Gross alpha particle activity | 15 | pCi/L | 7/26/2010 | 2 | 22.5 | 13.01 | 7 |
| TUOLUMNE | Scenic View, Scenic Brook | TUD-SCENIC VIEW/SCENIC BROOK | 5510033 | Mixed <50%GW | 625 | 2 | 1 | 5510033-001 | Gross alpha particle activity | 15 | pCi/L | 4/15/2010 | 4 | 23 | 16.3875 | 4 |
| VENTURA | City of Fillmore | SAN CAYETANO MUTUAL WATER CO | 5601116 | 100% GW | 45 | 4 | 1 | 5601116-001 | Nitrate (as NO3) | 45 | mg/L | 10/26/2006 | 2 | 51 | 28.34 | 14 |
| VENTURA | City of Santa Paula | SOUTH MOUNTAIN MUTUAL WATER CO | 5601141 | 100% GW | 45 | 1 | 1 | 5601141-001 | Gross alpha particle activity | 15 | pCi/L | 9/3/2010 | 2 | 29.7 | 14.99 | 5 |
| VENTURA | El Rio CDP | RIO MANOR MUTUAL WATER CO | 5610035 | 100% GW | 1500 | 2 | 2 | 5610035-001 | Gross alpha particle activity | 15 | pCi/L | 7/14/2005 | 4 | 23.3 | 11.73 | 17 |
| | | | | | | | | 5610035-002 | Gross alpha particle activity | 15 | pCi/L | 7/14/2005 | 2 | 21.21 | 10.68 | 9 |

Table 8.1

List of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

| County | Primary City | Public Water System Name | PWS Number | Source of PWS Supply | Population Served | System Wells | Wells with Princ. Cont. | Well Number | Princ. Contaminant | MCL | Units | Most Recent Det. >MCL | Det. >MCL | Max Conc. | Avg. Conc. | Sampling Events |
|---------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|-------------------------------|-------|-------|-----------------------|-----------|-----------|------------|-----------------|
| | | | | | | | | 5610035-001 | Uranium | pCi/L | ug/L | 11/11/2004 | 3 | 33.3 | 12.49 | 16 |
| VENTURA | San Buenaventura (Ventura) city | SATICOY COUNTRY CLUB-CITY OF VENTURA | 5602140 | 100% GW | 150 | 2 | 1 | 5602140-001 | Gross alpha particle activity | 15 | pCi/L | 7/12/2010 | 5 | 16.7 | 14.50 | 6 |
| VENTURA | El Rio CDP | UNITED WTR CONS DIST | 5610046 | 100% GW | 0 | 8 | 5 | 5610046-006 | Nitrate (as NO3) | 45 | mg/L | 2/16/2010 | 50 | 124 | 21.29 | 394 |
| | | | | | | | | 5610046-007 | Nitrate (as NO3) | 45 | mg/L | 9/18/2008 | 3 | 53.4 | 16.10 | 420 |
| | | | | | | | | 5610046-008 | Nitrate (as NO3) | 45 | mg/L | 9/25/2008 | 2 | 86.7 | 13.74 | 430 |
| | | | | | | | | 5610046-009 | Nitrate (as NO3) | 45 | mg/L | 12/29/2009 | 2 | 48.4 | 9.03 | 429 |
| | | | | | | | | 5610046-013 | Nitrate (as NO3) | 45 | mg/L | 3/8/2010 | 28 | 75.2 | 19.48 | 415 |
| VENTURA | Camarillo city | CAMARILLO WATER DEPT | 5610019 | >50% GW Mixed | 44831 | 4 | 2 | 5610019-005 | Gross alpha particle activity | 15 | pCi/L | 12/7/2009 | 3 | 20.4 | 17.70 | 4 |
| | | | | | | | | 5610019-007 | Gross alpha particle activity | 15 | pCi/L | 1/15/2008 | 2 | 19.2 | 10.81 | 6 |
| VENTURA | Camarillo city, Santa Rosa Valley CDP | CAMROSA WATER DISTRICT | 5610063 | >50% GW Mixed | 30000 | 6 | 4 | 5610063-011 | Gross alpha particle activity | 15 | pCi/L | 1/22/2004 | 2 | 33.7 | 8.59 | 9 |
| | | | | | | | | 5610063-001 | Nitrate (as NO3) | 45 | mg/L | 2/27/2009 | 35 | 133 | 98.73 | 36 |
| | | | | | | | | 5610063-006 | Nitrate (as NO3) | 45 | mg/L | 12/5/2008 | 33 | 139 | 101.24 | 34 |
| | | | | | | | | 5610063-007 | Nitrate (as NO3) | 45 | mg/L | 12/2/2010 | 4 | 83.7 | 66.93 | 4 |
| | | | | | | | | 5610063-011 | Nitrate (as NO3) | 45 | mg/L | 3/22/2007 | 24 | 71 | 48.62 | 40 |
| VENTURA | Mira Monte CDP | TICO MUTUAL WATER CO | 5601122 | >50% GW Mixed | 95 | 1 | 1 | 5601122-001 | Nitrate (as NO3) | 45 | mg/L | 9/28/2010 | 269 | 64 | 48.62 | 429 |
| VENTURA | Mira Monte CDP | VENTURA RIVER CWD | 5610022 | >50% GW Mixed | 6400 | 5 | 1 | 5610022-006 | Nickel | 100 | ug/L | 11/24/2009 | 6 | 605 | 251.44 | 5 |
| VENTURA | Oxnard city | OXNARD WATER DEPT | 5610007 | >50% GW Mixed | 192000 | 12 | 5 | 5610007-038 | Gross alpha particle activity | 15 | pCi/L | 9/1/2010 | 6 | 24.8 | 21.48 | 6 |
| | | | | | | | | 5610007-021 | Nitrate (as NO3) | 45 | mg/L | 11/7/2007 | 15 | 58.9 | 35.01 | 50 |
| | | | | | | | | 5610007-037 | Nitrate (as NO3) | 45 | mg/L | 6/2/2010 | 10 | 53 | 45.31 | 17 |
| | | | | | | | | 5610007-038 | Nitrate (as NO3) | 45 | mg/L | 4/7/2010 | 13 | 200 | 61.35 | 25 |
| | | | | | | | | 5610007-039 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 90 | 76 | 59.58 | 92 |
| | | | | | | | | 5610007-041 | Nitrate (as NO3) | 45 | mg/L | 3/11/2009 | 10 | 60 | 30.13 | 55 |
| VENTURA | Moorpark, Piru, Bell Canyon, Somis, North Coast, Nyeland Acres, El Rio, Camarillo Airport, Lake Sherwood, Todd Road Jail | VENTURA WATER DEPARTMENT | 5610017 | Mixed <50%GW | 107490 | 9 | 1 | 5610017-031 | Gross alpha particle activity | 15 | pCi/L | 9/16/2010 | 11 | 27.6 | 13.3852381 | 11 |
| | | | | | | | | 5610017-031 | Uranium | 20 | pCi/L | 9/15/2008 | 5 | 25.9 | 15.4341176 | 5 |
| VENTURA | Ojai, Upper Ojai, Ventura River Valley, Ventura, Rincon | CASITAS MUNICIPAL WATER DIST | 5610024 | Mixed <50%GW | 65000 | 1 | 1 | 5610024-003 | Nitrate (as NO3) | 45 | mg/L | 12/6/2010 | 52 | 97 | 63.412963 | 52 |
| VENTURA | Oxnard, Port Hueneme, Point Mugu, Camarillo, Newbury Park, Thousand Oaks, Noorpark, Simi, Lake Bard, Westlake | CALLEGUAS MUNICIPAL WATER DIST | 5610050 | Mixed <50%GW | 0 | 18 | 5 | 5610050-006 | Gross alpha particle activity | 15 | pCi/L | 11/20/2008 | 2 | 27.1 | 15.0866667 | 2 |
| | | | | | | | | 5610050-009 | Gross alpha particle activity | 15 | pCi/L | 2/21/2008 | 3 | 28.4 | 13.1944444 | 3 |
| | | | | | | | | 5610050-017 | Gross alpha particle activity | 15 | pCi/L | 5/18/2009 | 3 | 21.3 | 12.3685556 | 3 |
| | | | | | | | | 5610050-022 | Gross alpha particle activity | 15 | pCi/L | 11/15/2010 | 3 | 37.6 | 15.3811111 | 3 |
| | | | | | | | | 5610050-009 | Uranium | 20 | pCi/L | 8/9/2006 | 2 | 26.4 | 11.7166667 | 2 |
| | | | | | | | | 5610050-017 | Uranium | 20 | pCi/L | 5/18/2009 | 2 | 25.5 | 12.6802222 | 2 |
| VENTURA | Oxnard | VINEYARD AVE ESTATES MWC | 5610056 | Mixed <50%GW | 1200 | 1 | 1 | 5610056-002 | Nitrate (as NO3) | 45 | mg/L | 10/4/2010 | 22 | 93.9 | 30.3126316 | 22 |
| VENTURA | Simi | GOLDEN STATE WATER COMPANY - SIMI | 5610059 | Mixed <50%GW | 42717 | 2 | 2 | 5610059-001 | Gross alpha particle activity | 15 | pCi/L | 7/8/2009 | 2 | 20.9 | 10.728 | 2 |
| | | | | | | | | 5610059-001 | Nitrate (as NO3) | 45 | mg/L | 12/1/2010 | 47 | 74 | 56.4211538 | 47 |
| | | | | | | | | 5610059-002 | Nitrate (as NO3) | 45 | mg/L | 9/1/2010 | 21 | 63 | 41.5794118 | 21 |
| YOLO | Woodland city | CITY OF WOODLAND | 5710006 | 100% GW | 56000 | 24 | 1 | 5710006-019 | Nitrate (as NO3) | 45 | mg/L | 2/28/2002 | 3 | 51 | 26.53 | 31 |
| YOLO | Woodland city | WILD WINGS GOLF COMMUNITY | 5710011 | 100% GW | 1187 | 2 | 1 | 5710011-001 | Arsenic | 10 | ug/L | 8/13/2009 | 8 | 15 | 10.01 | 20 |
| YOLO | Madison CDP | MADISON SERVICE DIST | 5700571 | 100% GW | 876 | 4 | 1 | 5700571-002 | Nitrate (as NO3) | 45 | mg/L | 4/15/2003 | 3 | 50 | 32.00 | 10 |
| YUBA | Linda CDP, Olivehurst CDP | LINDA COUNTY WATER DISTRICT | 5810002 | 100% GW | 10000 | 6 | 1 | 5810002-007 | Benzene | 1 | ug/L | 9/1/2010 | 62 | 11 | 1.39 | 102 |
| YUBA | City of Marysville | COUNTRY VILLAGE MOBILE HM PRK | 5800824 | 100% GW | 30 | 1 | 1 | 5800824-001 | Arsenic | 10 | ug/L | 9/25/2007 | 4 | 15 | 13.00 | 4 |
| YUBA | City of Olivehurst | FEATHER RIVER MANOR | 5800851 | 100% GW | 35 | 1 | 1 | 5800851-001 | Nitrate (as NO3) | 45 | mg/L | 6/24/2009 | 5 | 58.5 | 44.16 | 8 |

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|--------|----------------|--------------------------|------------|----------------------|-------------------|--------------|-------------------------|-------------|--------------------|-----|-------|-----------------------|-----------|-----------|------------|-----------------|
| YUBA | Linda CDP | CHRISTOPHER SIMS RENTALS | 5800852 | 100% GW | 30 | 1 | 1 | 5800852-001 | Nitrate (as NO3) | 45 | mg/L | 6/13/2006 | 3 | 50.9 | 25.43 | 10 |
| YUBA | Olivehurst CDP | GEORGE AVENUE APARTMENTS | 5800878 | 100% GW | 40 | 1 | 1 | 5800878-001 | Arsenic | 10 | ug/L | 3/24/2010 | 8 | 34.9 | 13.98 | 9 |