COMMUNITIES THAT RELY ON A CONTAMINATED GROUNDWATER SOURCE FOR DRINKING WATER

STATE WATER RESOURCES CONTROL BOARD

REPORT TO THE LEGISLATURE

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Water Boards
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TABLE OF CONTENTS

EXECUTIVE SUMMARY **5**

INTRODUCTION **7**

BACKGROUND **7**

Data Included in this Report 8
Water Systems or Data Not Evaluated 9
Definitions Used in this Report 10

SUMMARY OF FINDINGS **11**

Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water 12
Population that Relies on a Contaminated Groundwater Source for Drinking Water 13
Principal Contaminants 16
Constituents of Concern 18
Regional Patterns 18
Potential Solutions to Ensure the Provision of Safe Drinking Water from Groundwater 18
Potential Funding Sources to Clean Up or Treat Groundwater, or to Provide Alternative Water Supplies, to Ensure the Provision of Safe Drinking Water 21

CONCLUSIONS **22**

LIST OF TABLES

Table 1: Ten Most Frequently Detected Principal Contaminants 16

Table 2: Cleanup, Treat, or Provide Alternative Sources of Water Supply - Potential Obstacles and Options to Address Obstacles 19

Table 3: Public Funding Sources That May Be Used to Address Drinking Water Quality Issues, 2002-2012 21

LIST OF FIGURES

Figure 1: Top 15 Counties with the Greatest Number of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water 12

Figure 2: Active Community Water System Wells Sampled Two or More Times between 2002 and 2010 (8,396 wells / 2,584 communities) 14

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 communities) 14

LIST OF FIGURES (CONT.)

Figure 4: Principal Contaminant Detections in Active Community Water System Wells……..... 15

Figure 5: Principal Contaminants in Community Water Systems that Rely on a Contaminated Groundwater Source ……... .. 16

APPENDICES

APPENDIX 1: COMMUNITY WATER SYSTEMS THAT RELY ON A CONTAMINATED GROUNDWATER SOURCE……..…..... 23

APPENDIX 2: PRINCIPAL CONTAMINANTS…….……..…..... 40

APPENDIX 3: CONSTITUENTS OF CONCERN…… 72

APPENDIX 4: COMMUNITY WATER SYSTEMS THAT RELY ON A CONTAMINATED GROUNDWATER SOURCE AND HAVE DRINKING WATER QUALITY VIOLATIONS…….…… 78

APPENDIX 5: POTENTIAL SOLUTIONS TO CLEANUP, TREAT, OR PROVIDE ALTERNATIVE WATER SUPPLIES……. 86

APPENDIX 6: FUNDING OPTIONS……..... 96

APPENDIX 7: LIST OF REFERENCES……..…… 121

APPENDIX 8: LIST OF COMMUNITY WATER SYSTEMS THAT RELY ON A CONTAMINATED GROUNDWATER SOURCE FOR DRINKING WATER……. 125

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-chlropropane (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 systems[1] (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.

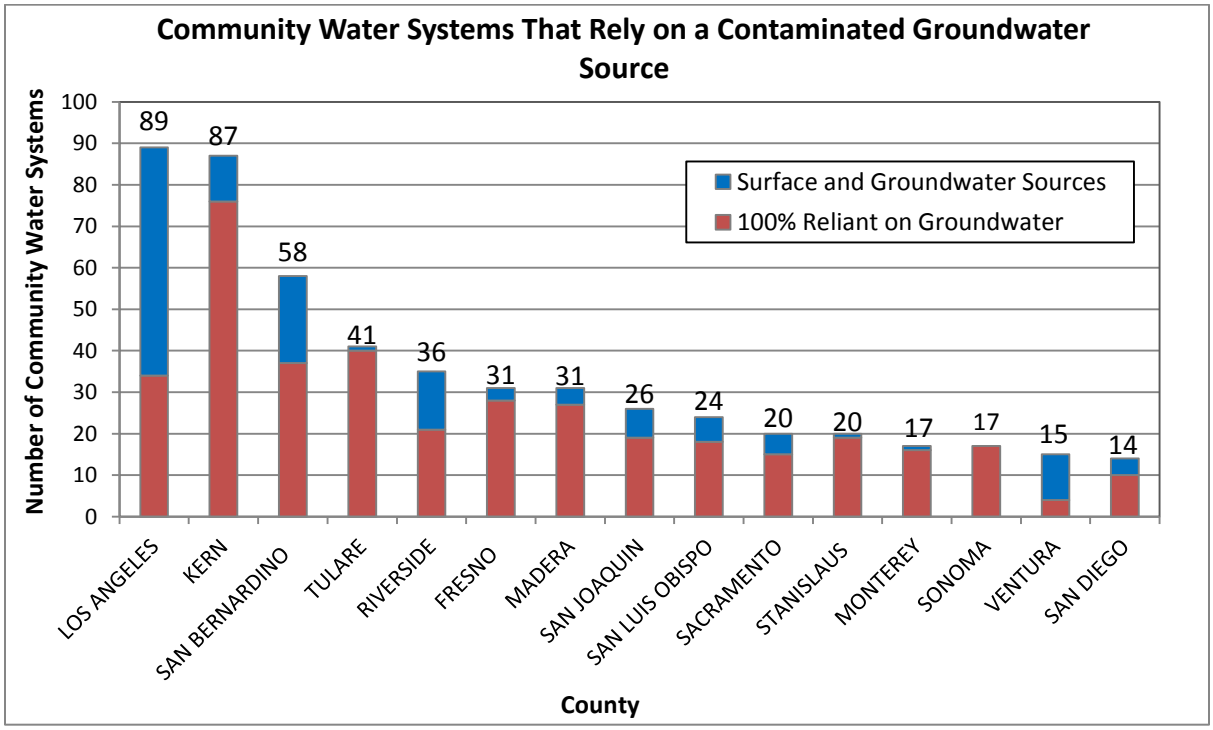

Figure 1: Top 15 Counties with the Greatest Number of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

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.

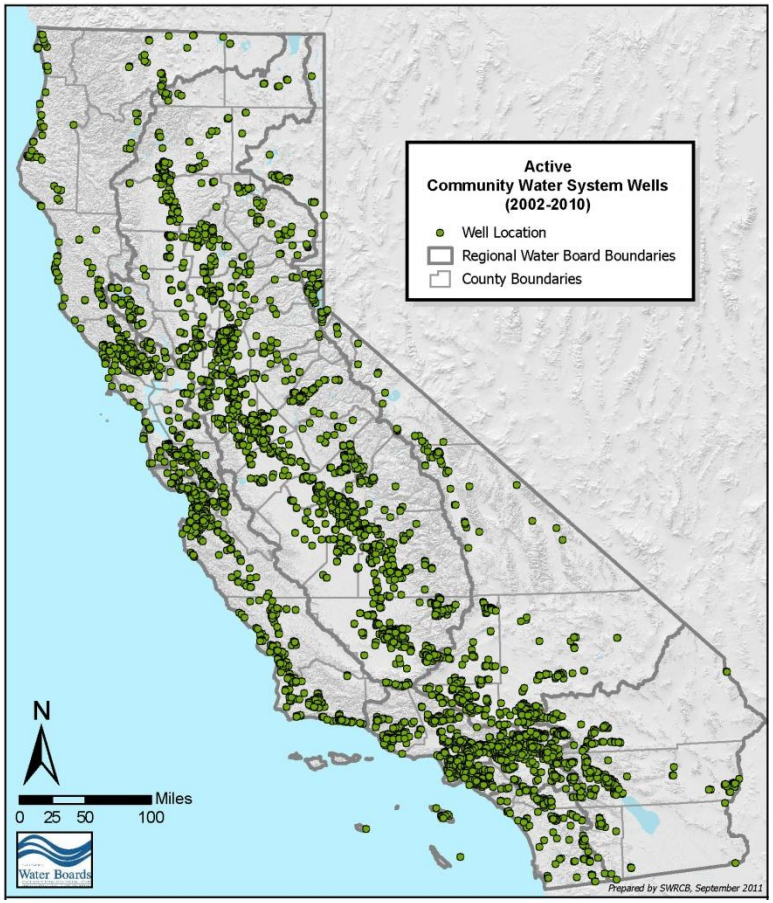

Figure 2: Active Community Water System Wells Sampled Two or More Times between 2002 and 2010 (8,396 Wells / 2,584 Community Water Systems)

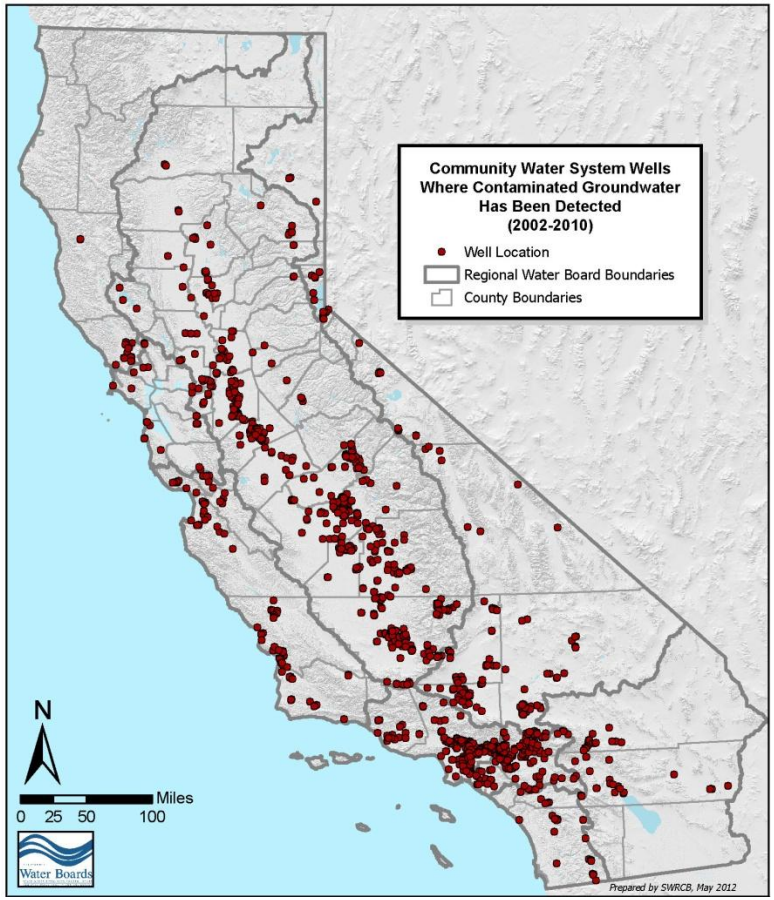

Figure 3: Active Community Water System Wells Where Contaminated Groundwater Has Been Detected Above an MCL Two or More Times between 2002 and 2010 (1,659 Wells / 680 Community Water Systems)

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.

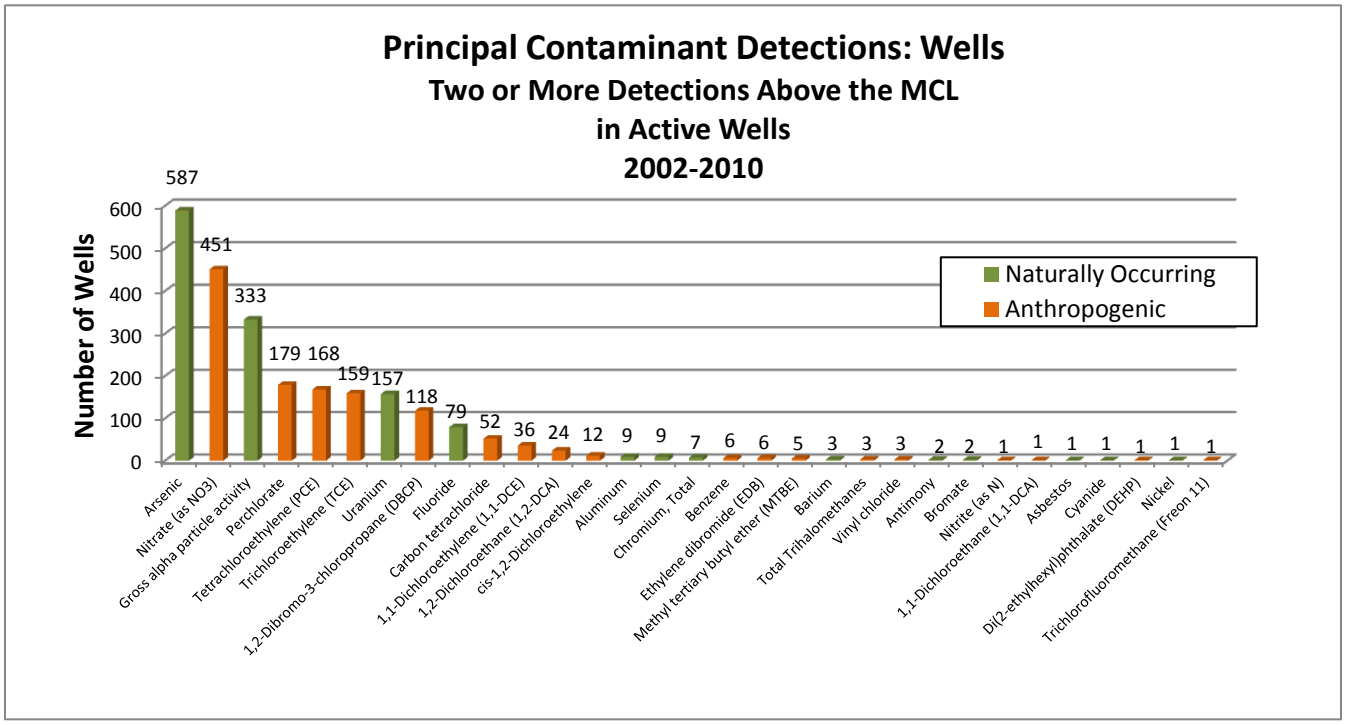

Figure 4: Principal Contaminant Detections in Active Community Water System Wells

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-chlropropane (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

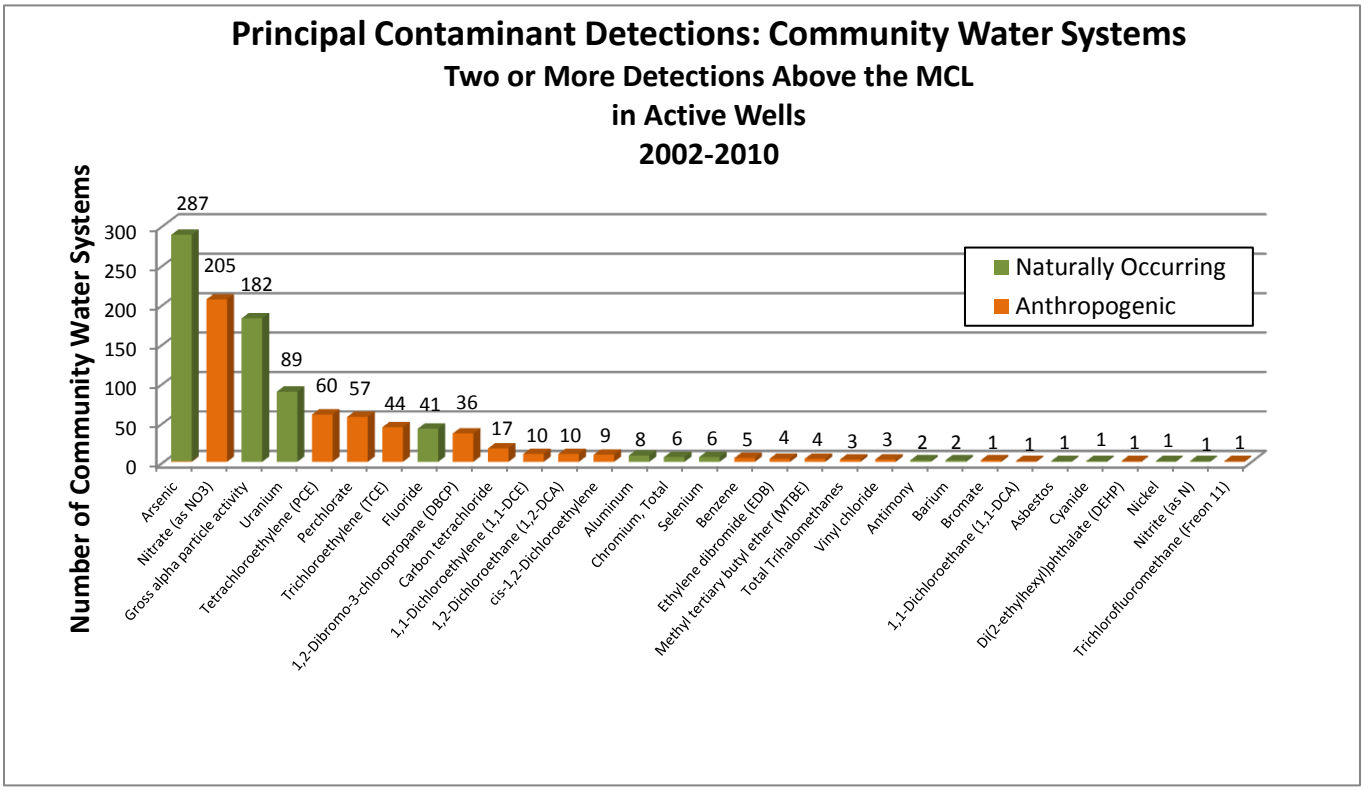

Figure 5: Principal Contaminants in Community Water Systems that Rely on a Contaminated Groundwater Source

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_needssurvey_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, 2002-2012[1]

Funding Source	Type of Project	Total Funding[2] and Status[3]
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

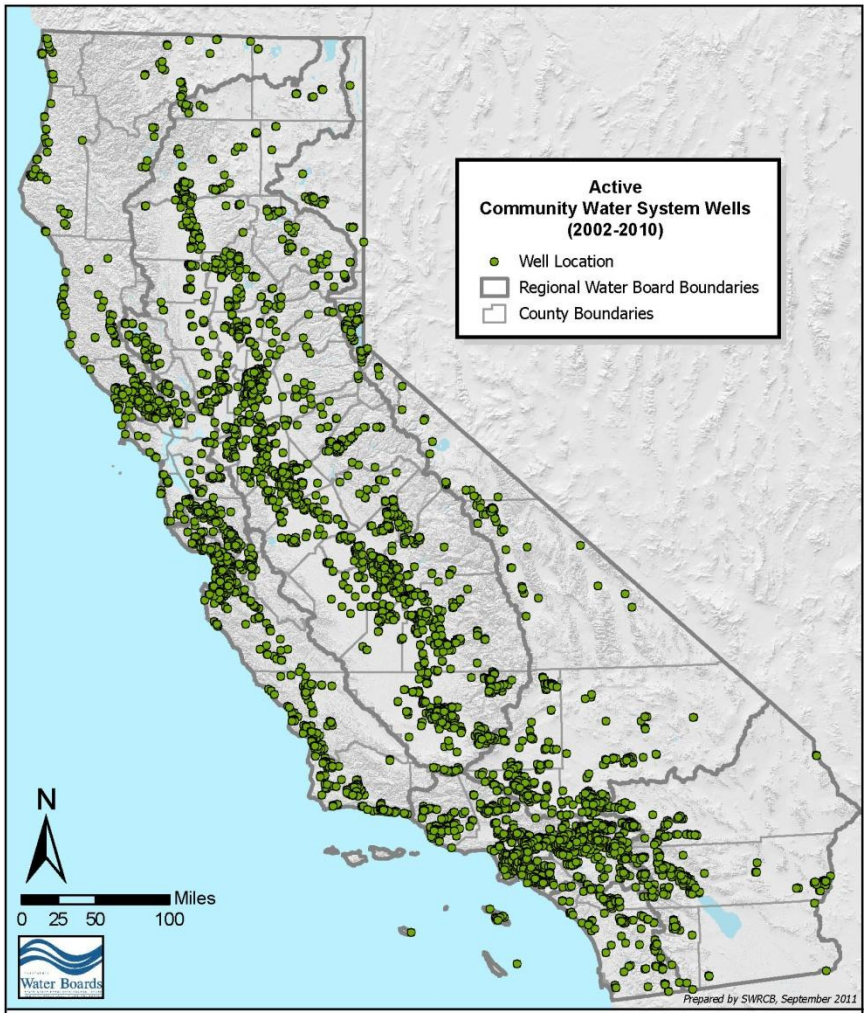

Figure 1.1: Active Community Water System Wells Sampled Two or More Times between 2002 and 2010 (8,396 Wells / 2,584 Community Water Systems)

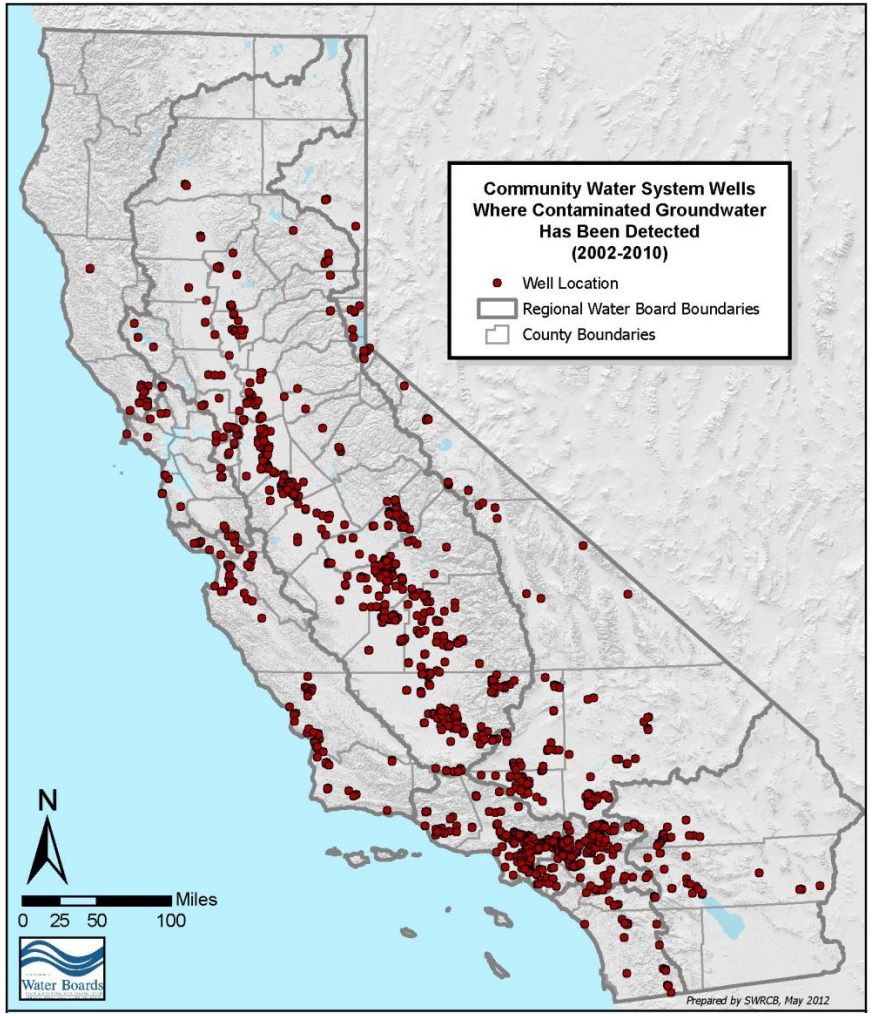

Figure 1.2: Active Community Water System Wells Where Contaminated Groundwater Has Been Detected (Two or More Detections above an MCL, 2002-2010). (1,659 Wells / 680 Community Water Systems)

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.

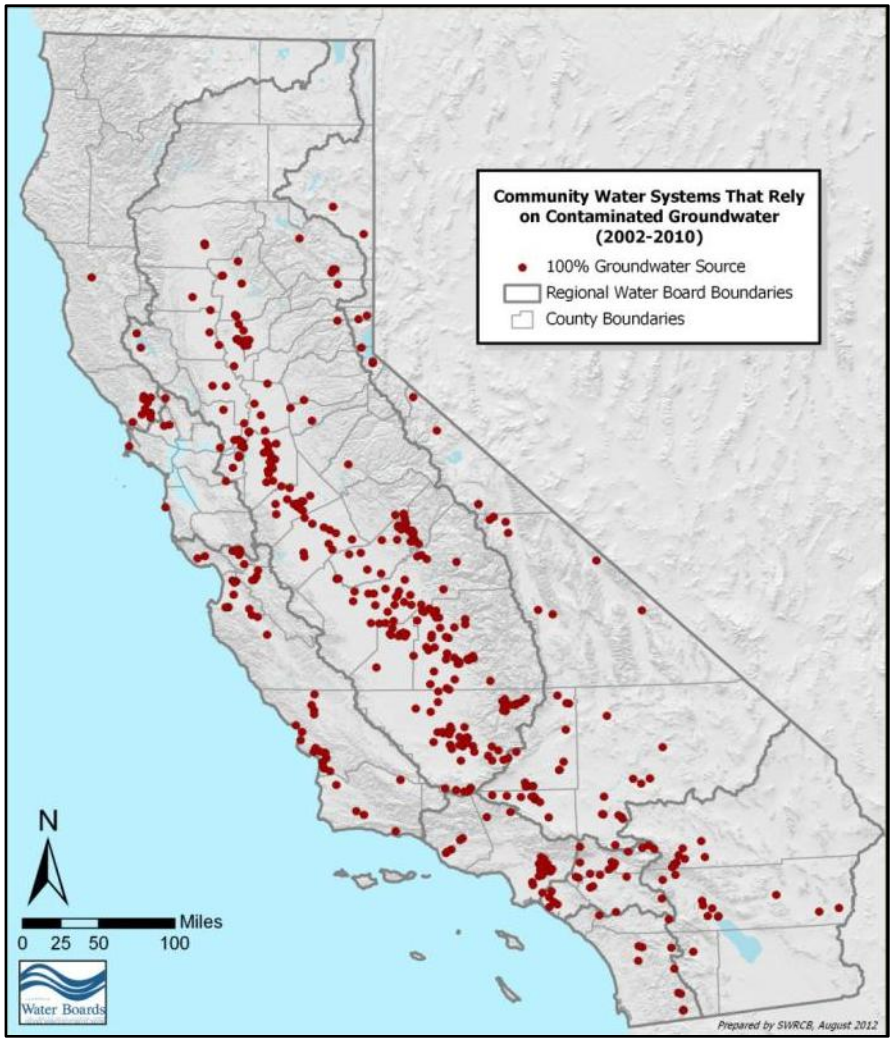

Figure 1.3: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water: 100 Percent Reliant on Groundwater as a Primary Source of Drinking Water (506 systems) (Two or More Detections above an MCL in at Least One Active Well, 2002-2010)

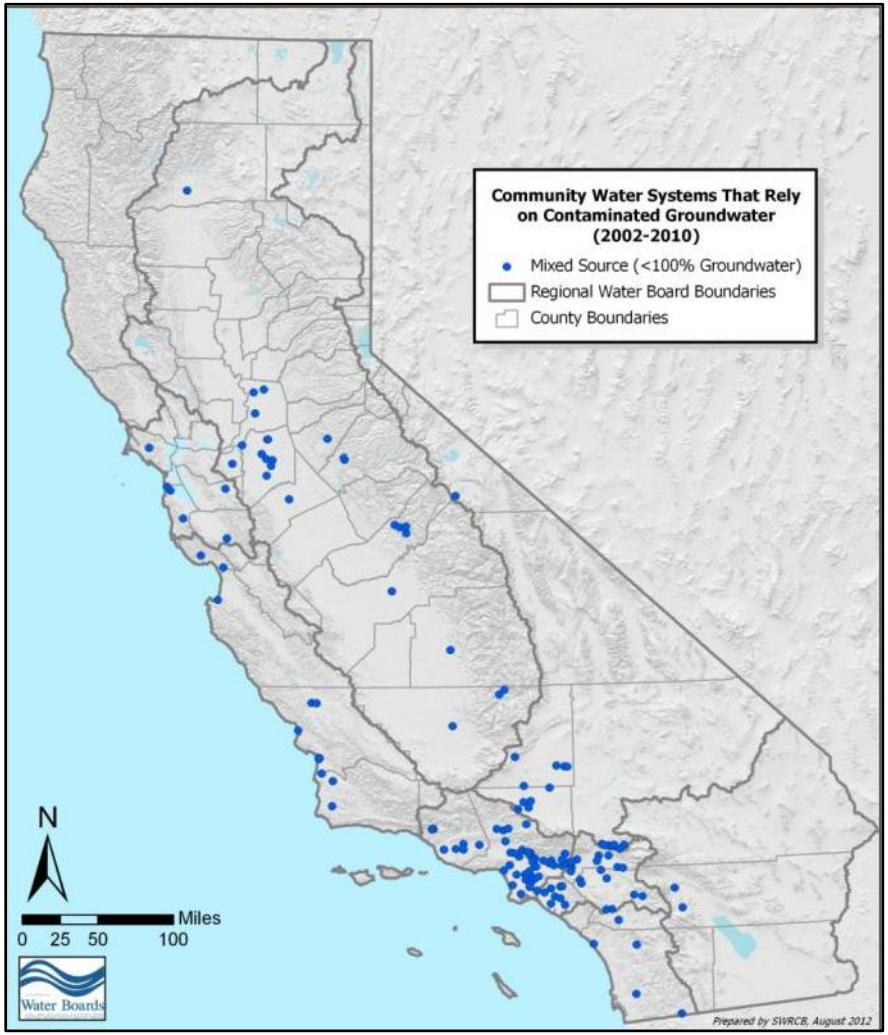

Figure 1.4: Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water: Use Surface Water for Part of Their Drinking Water (174 systems) (Two or More Detections above an MCL in at Least One Active Well, 2002-2010)

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 Estimates[3]		
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.

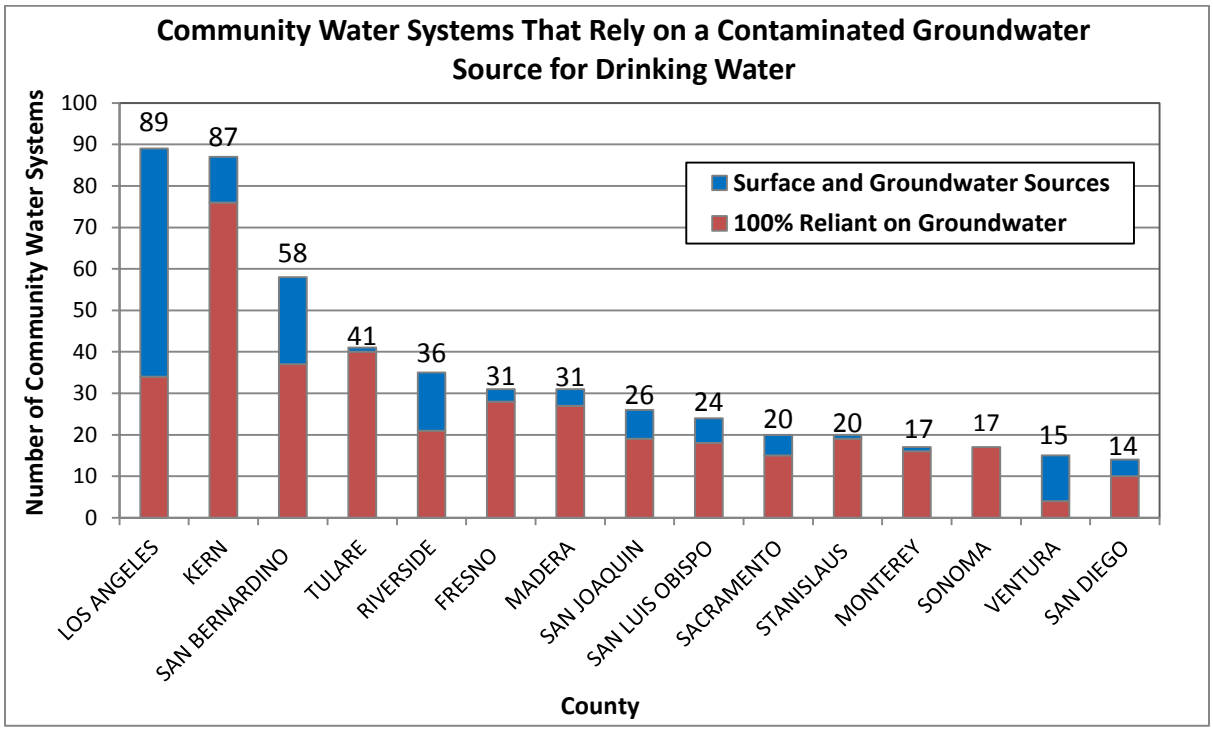

Figure 1.5: Top 15 Counties by Number of Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

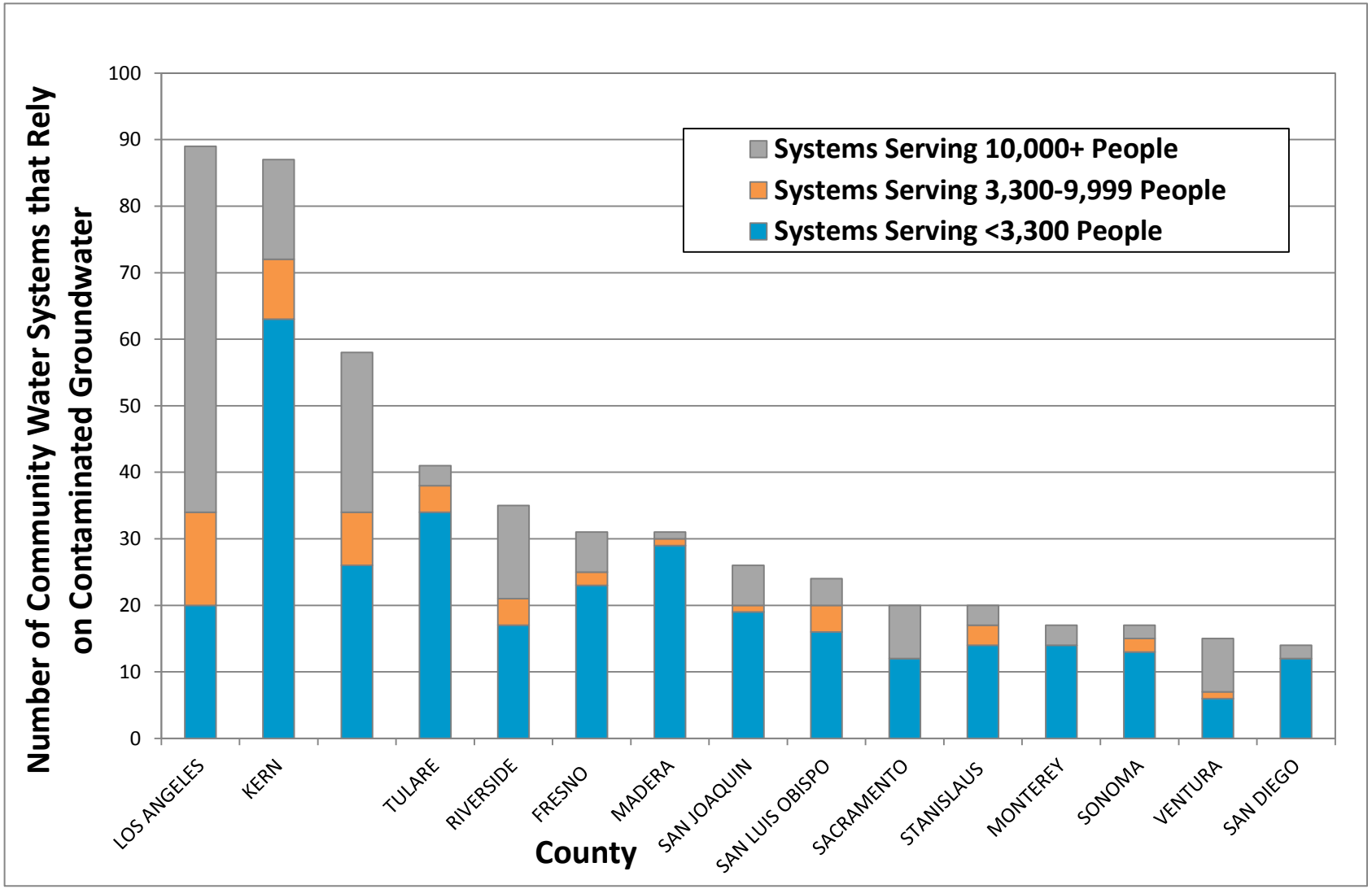

Figure 1.6: Top 15 Counties by Size and Number of Communities that Rely on a Contaminated Groundwater Source for Drinking Water

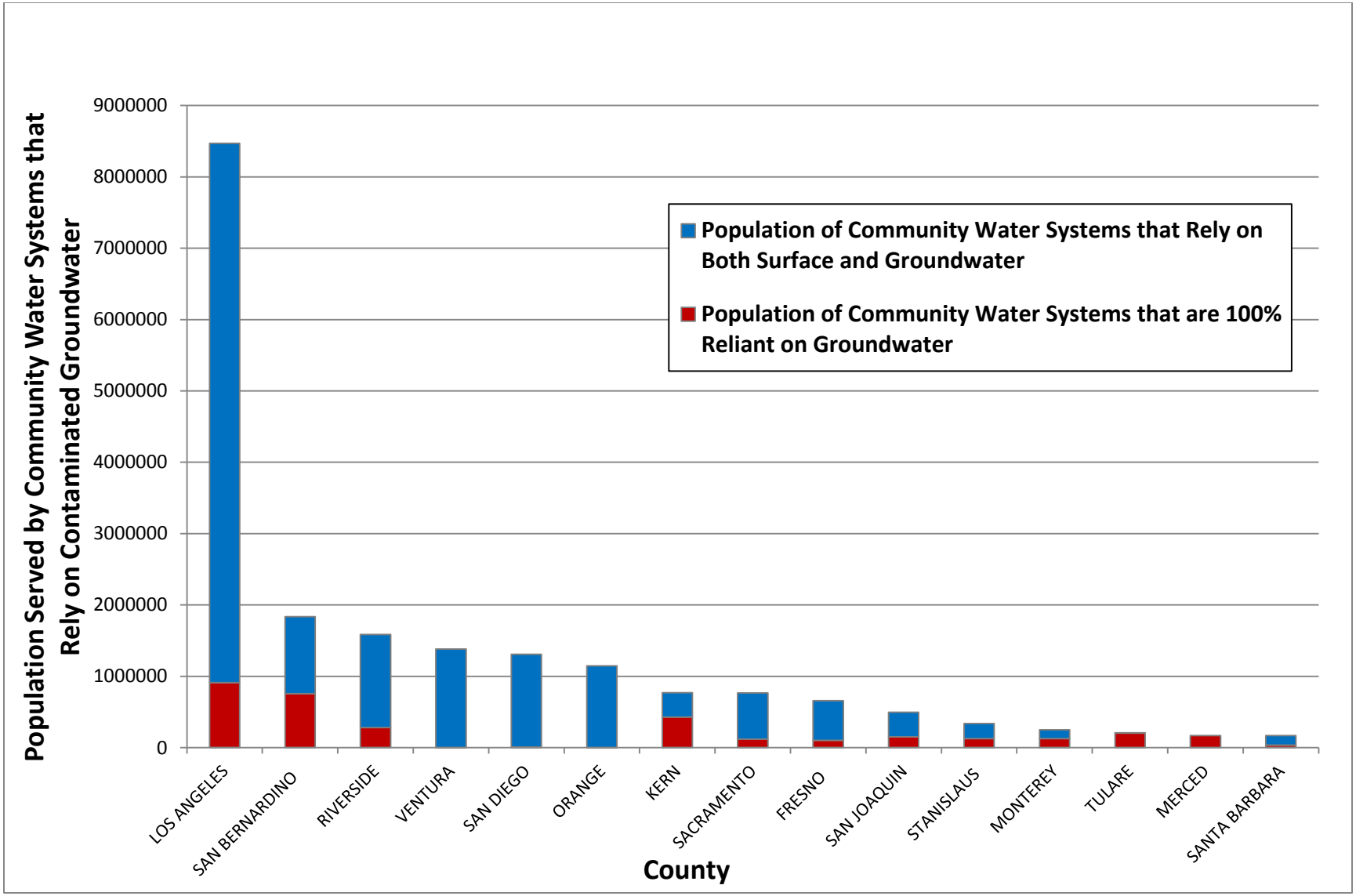

Figure 1.7: Top 15 Counties - Population Served by Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water

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-chlropropane (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.

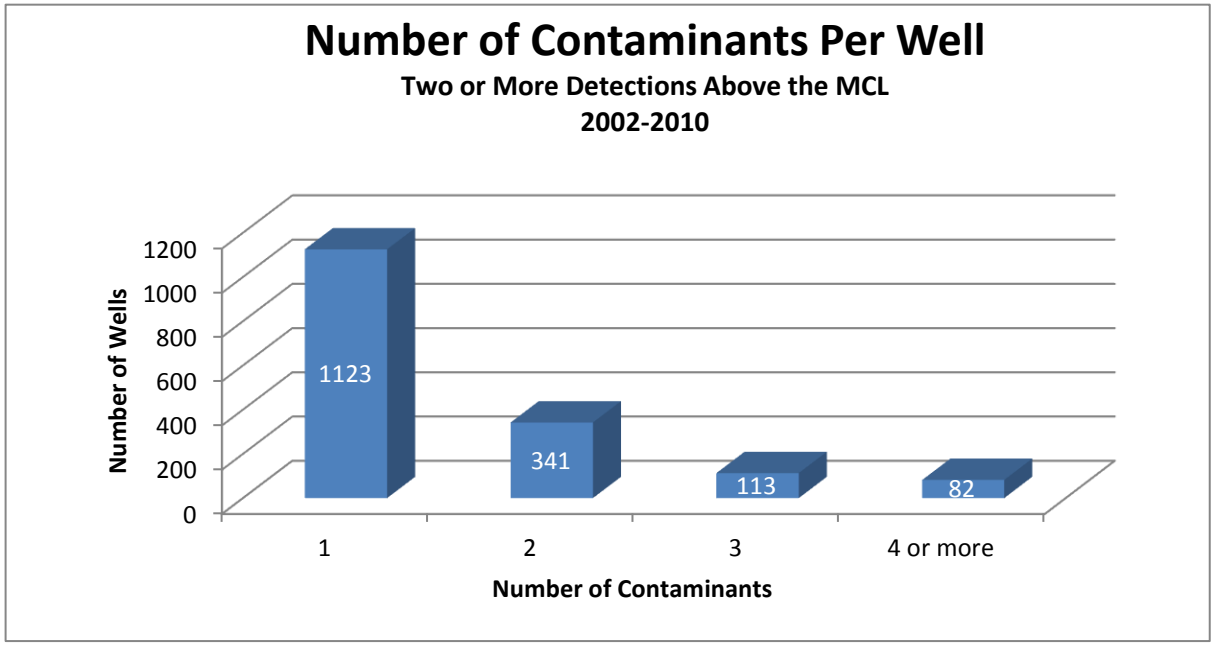

Figure 2.1: Number of Principal Contaminants Detected per Active Community Water System Well

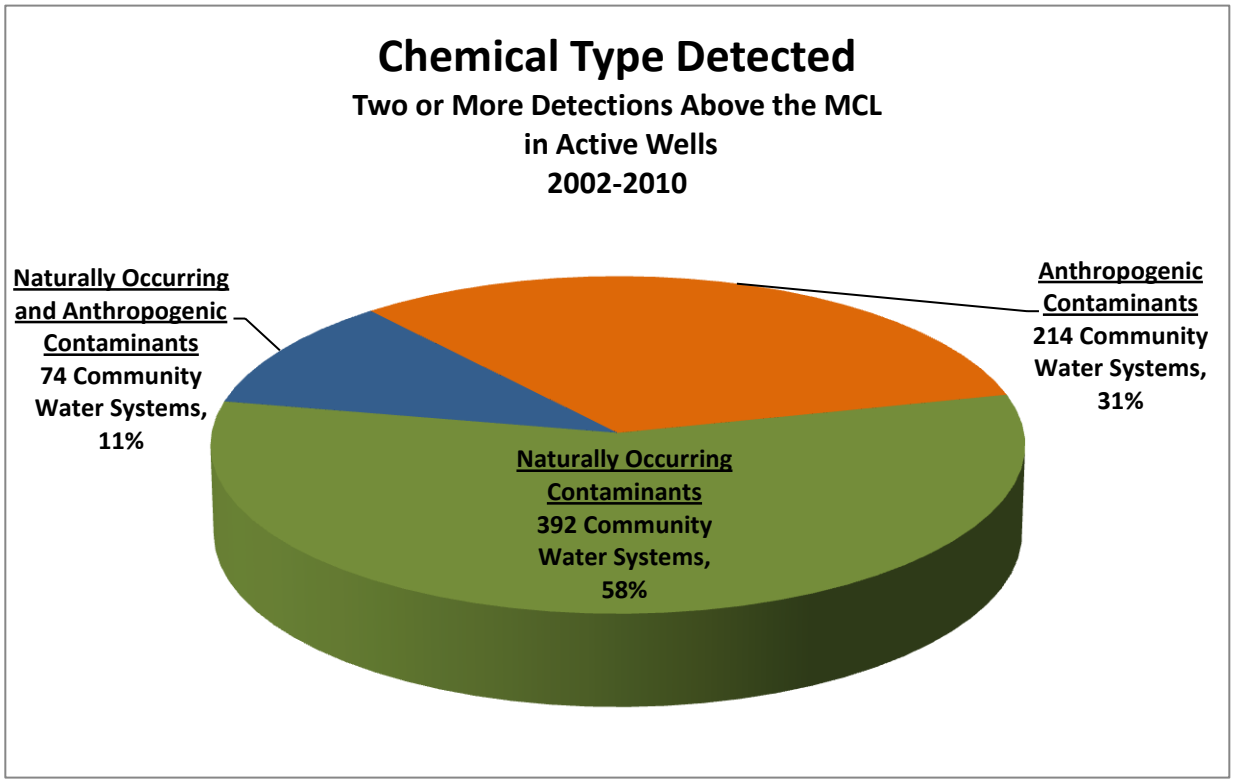

Figure 2.2: Type of Principal Contaminant Detected in Active Community Water System Wells

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):

a. 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).
b. 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),
c. 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).
d. 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).
e. General category of contaminant.
f. VOC – Includes both volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC).
g. Includes both California MCL and USEPA MCL data.
h. 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.

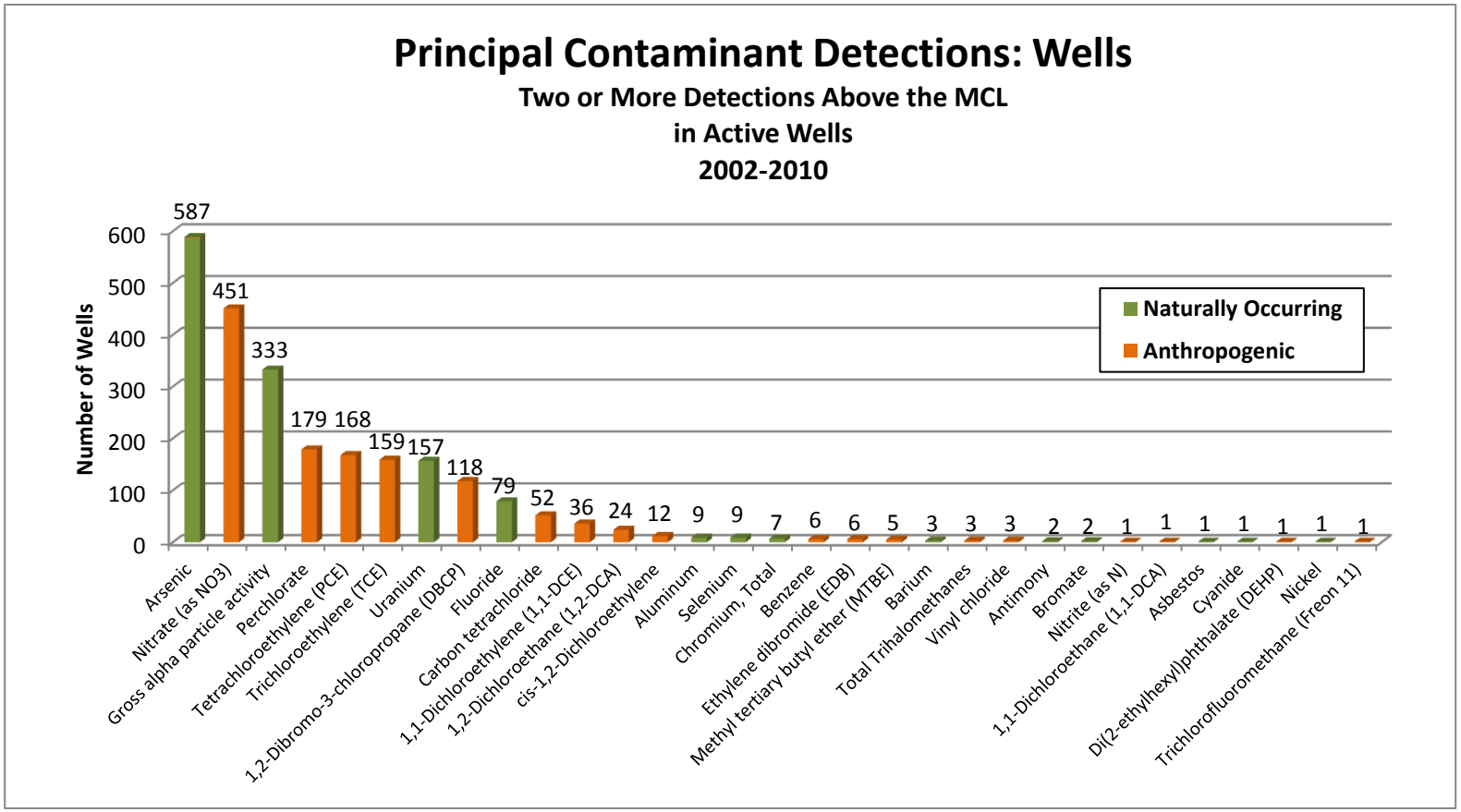

Figure 2.3: Number of Active Community Water System Wells in which a Principal Contaminant was Detected (on Two or More Occasions above the MCL, 2002-2010)

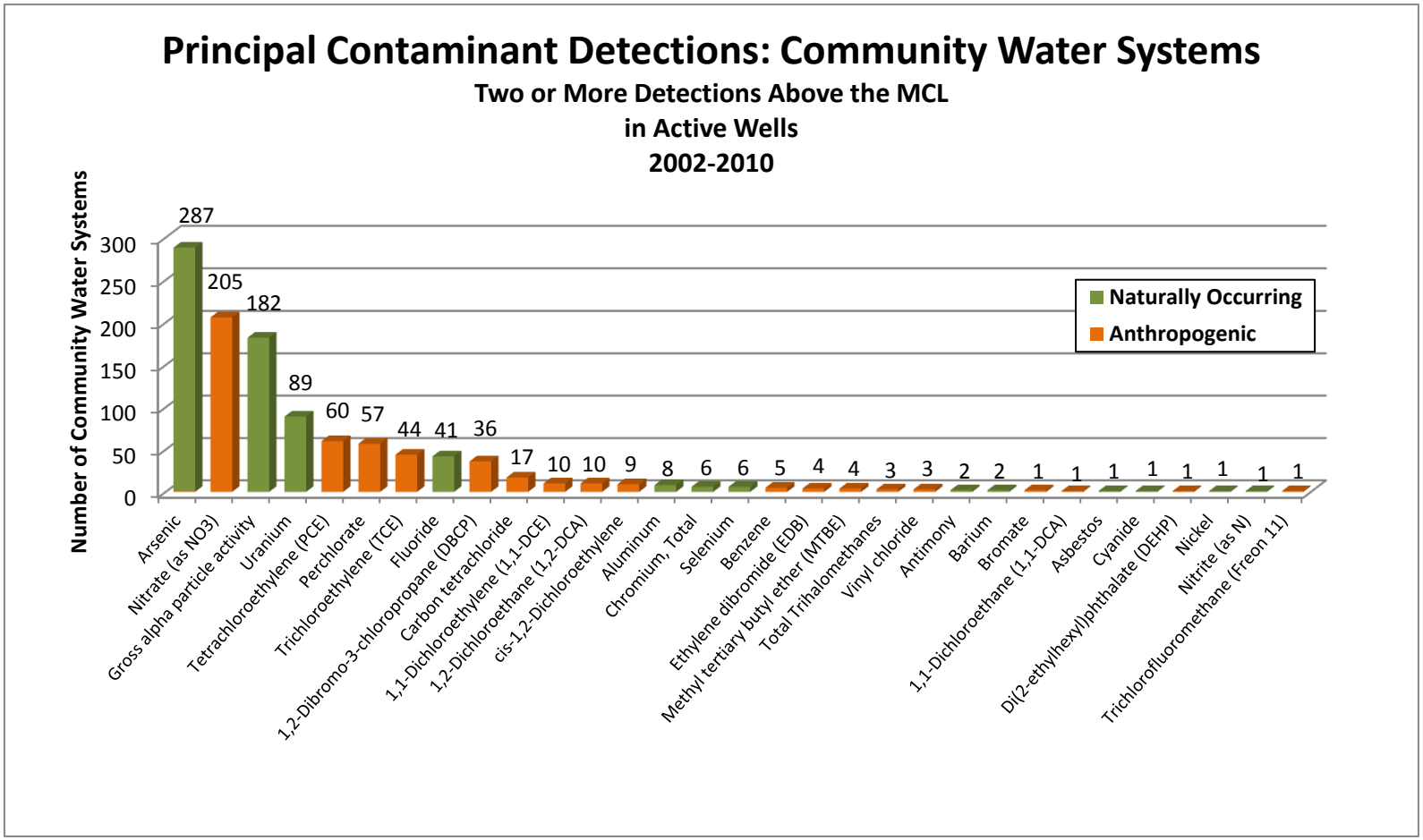

Figure 2.4: Number of Active Community Water Systems in which a Principal Contaminant was Detected (on Two or More Occasions above the MCL, 2002-2010)

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.

Trichlororethylene (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.

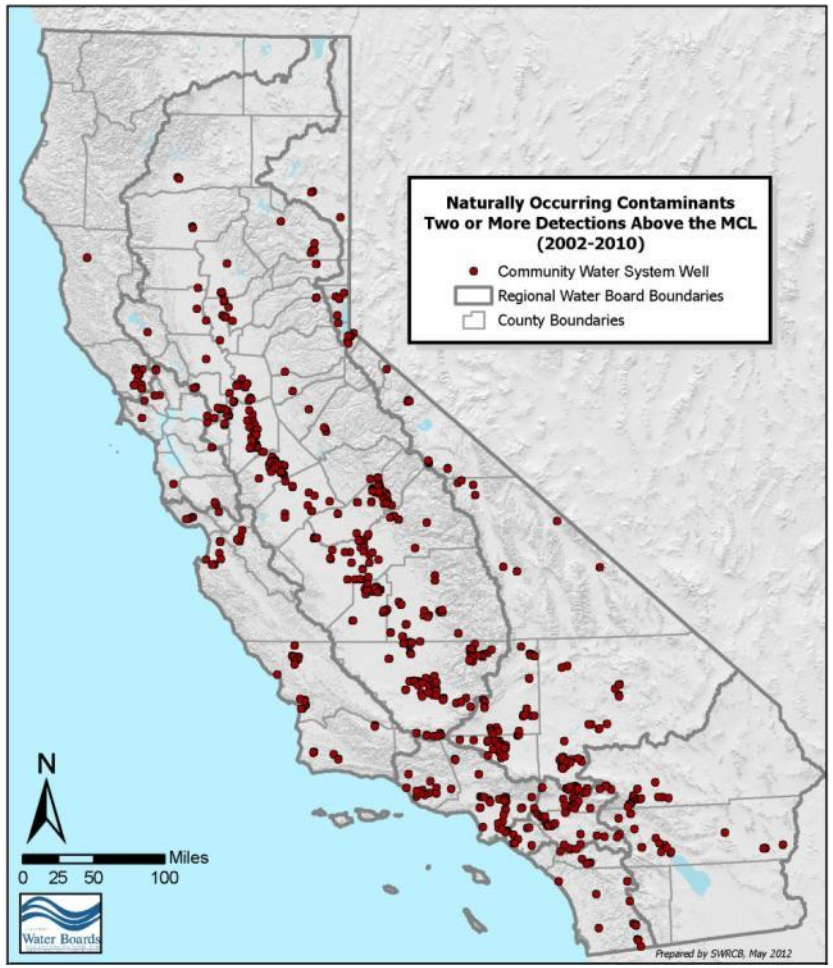

Figure 2.5: Naturally Occurring Principal Contaminants in Active Community Water System Wells (Two or More Detections above the MCL 2002-2010)

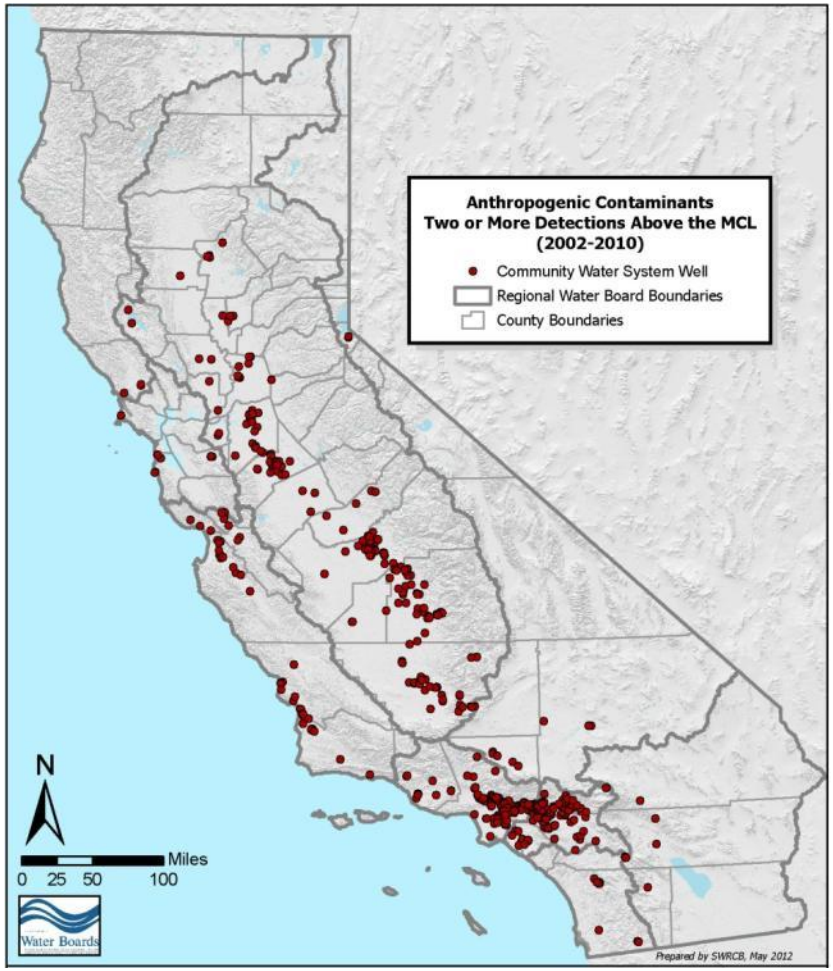

Figure 2.6: Anthropogenic Principal Contaminants in Active Community Water System Wells (Two or More Detections above the MCL 2002-2010)

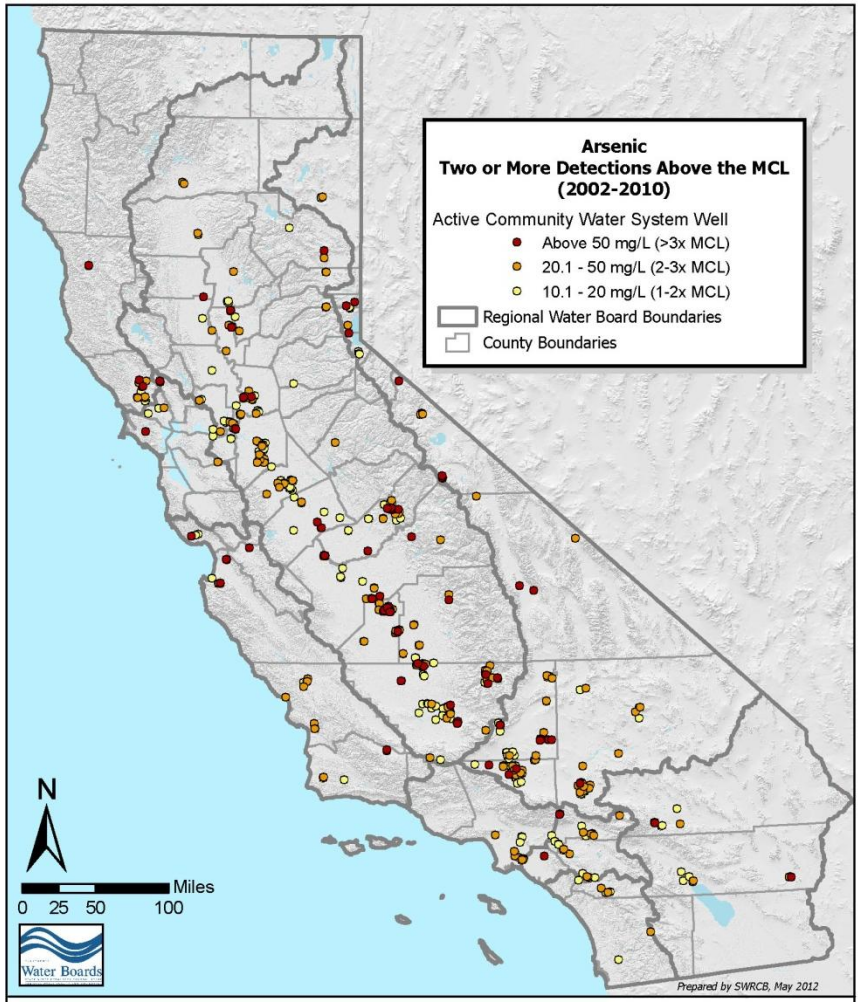

Figure 2.7: Arsenic in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

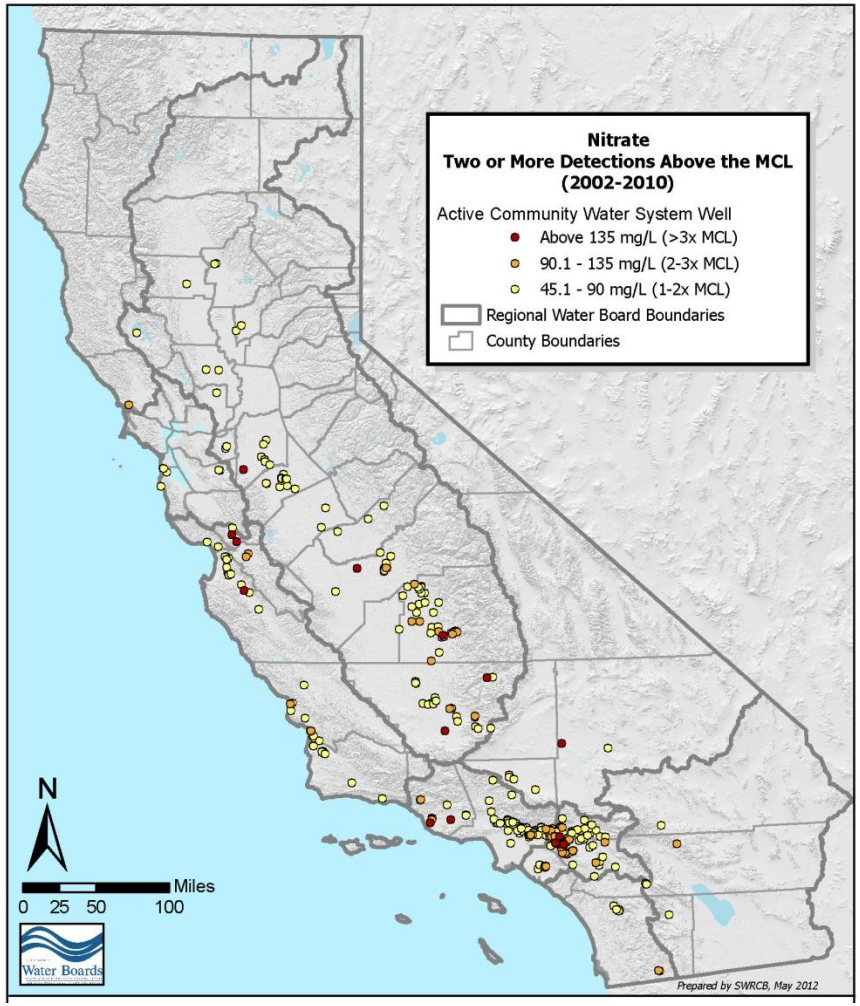

Figure 2.8: Nitrate in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

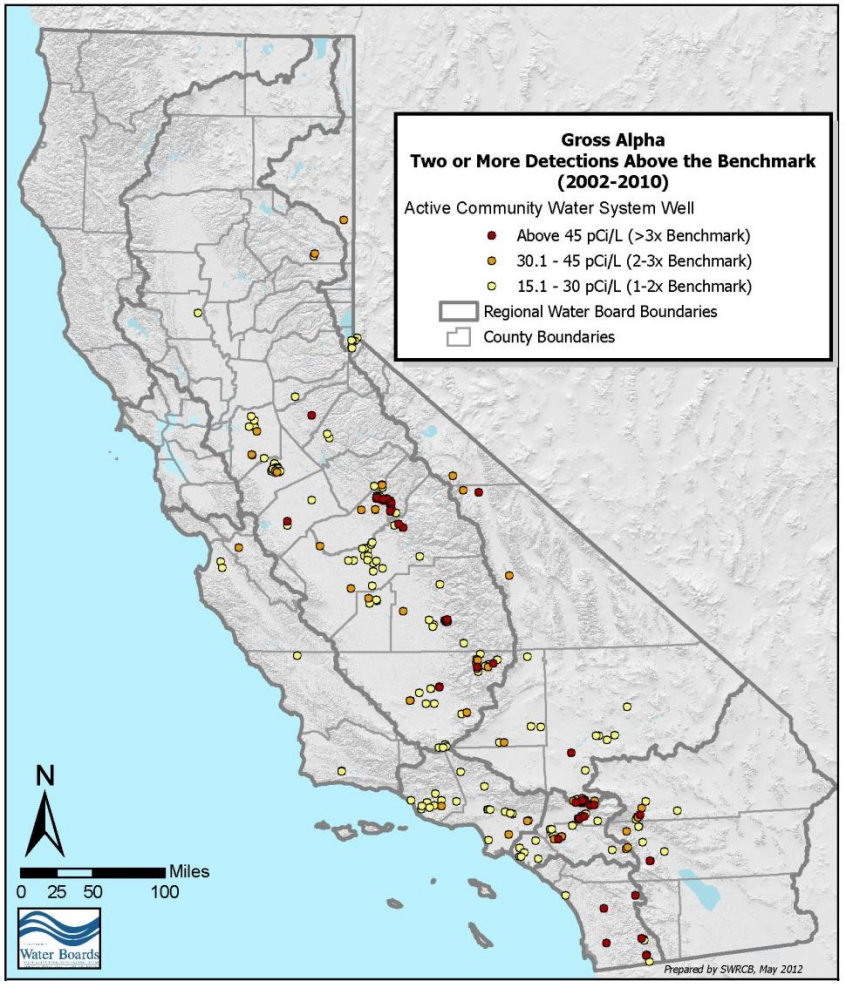

Figure 2.9: Radionuclides (Gross Alpha) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

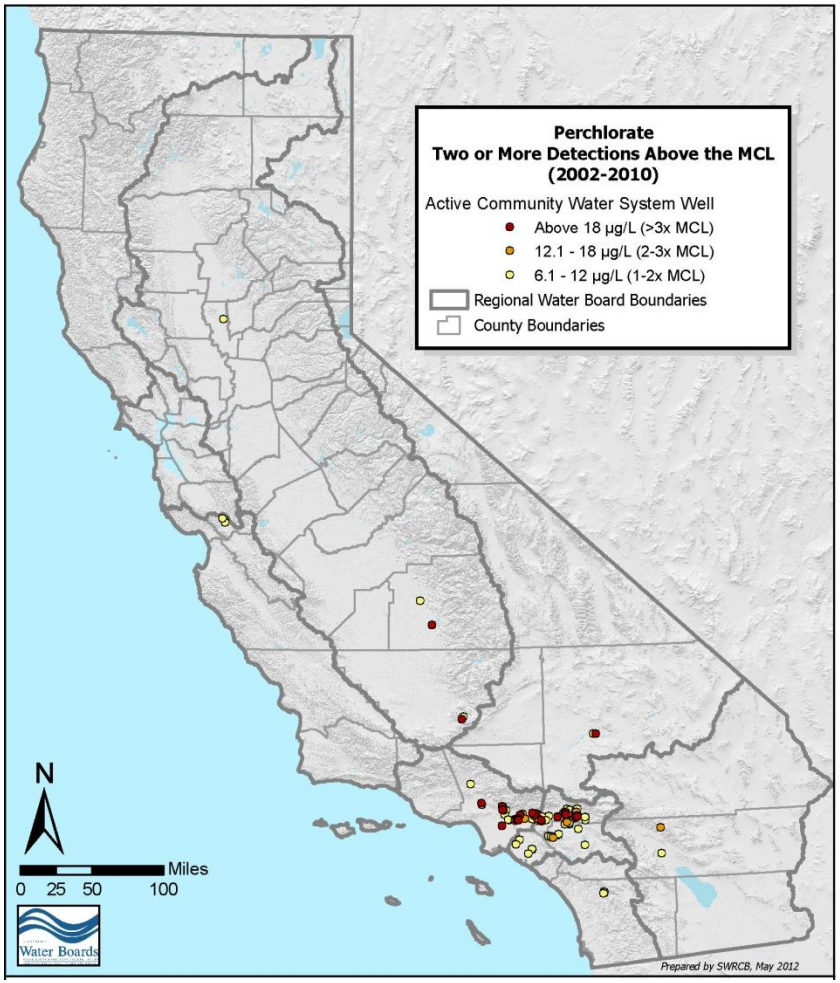

Figure 2.10: Perchlorate in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

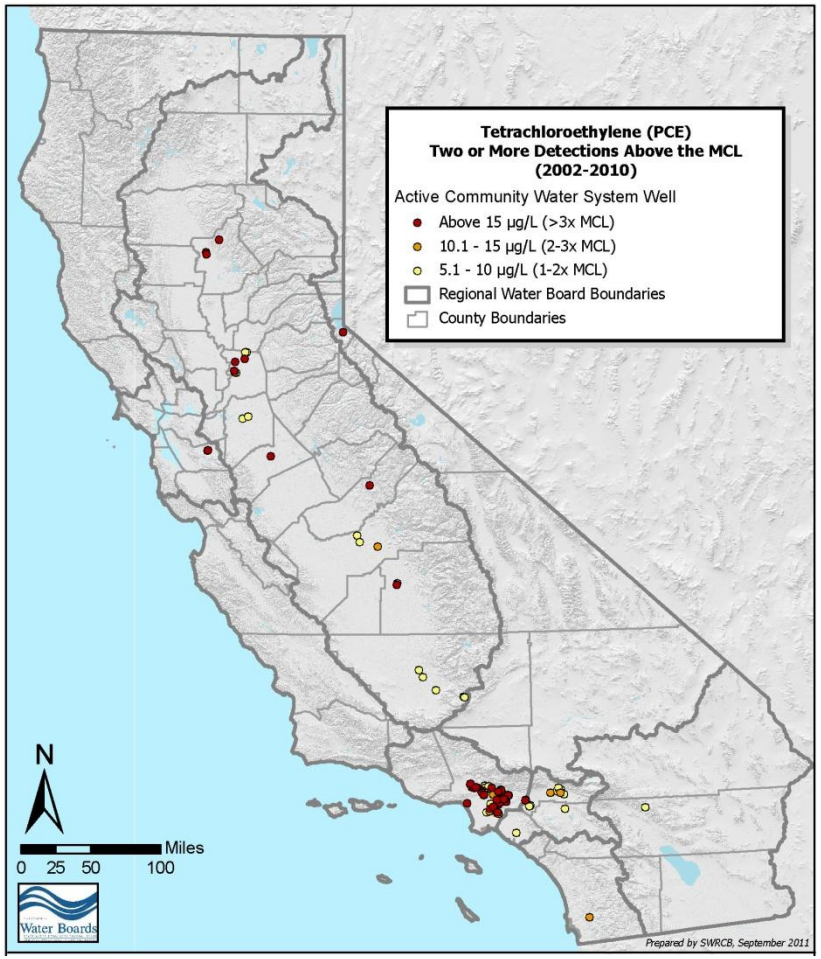

Figure 2.11: Tetrachloroethylene (PCE) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

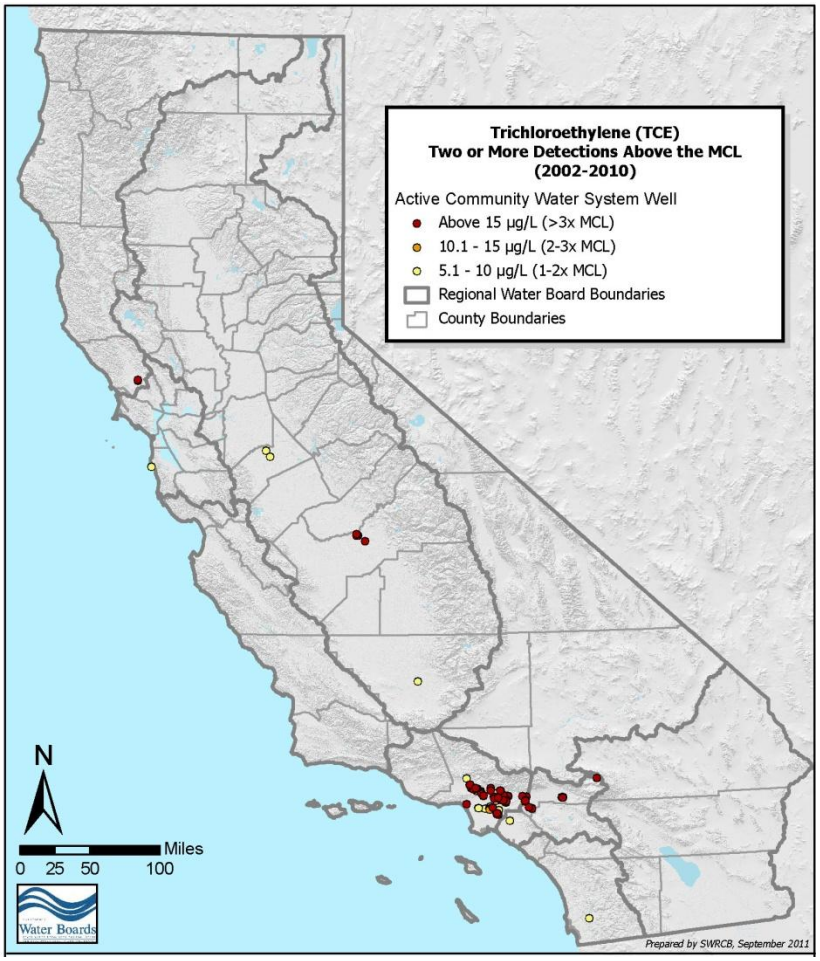

Figure 2.12: Trichloroethylene (TCE) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

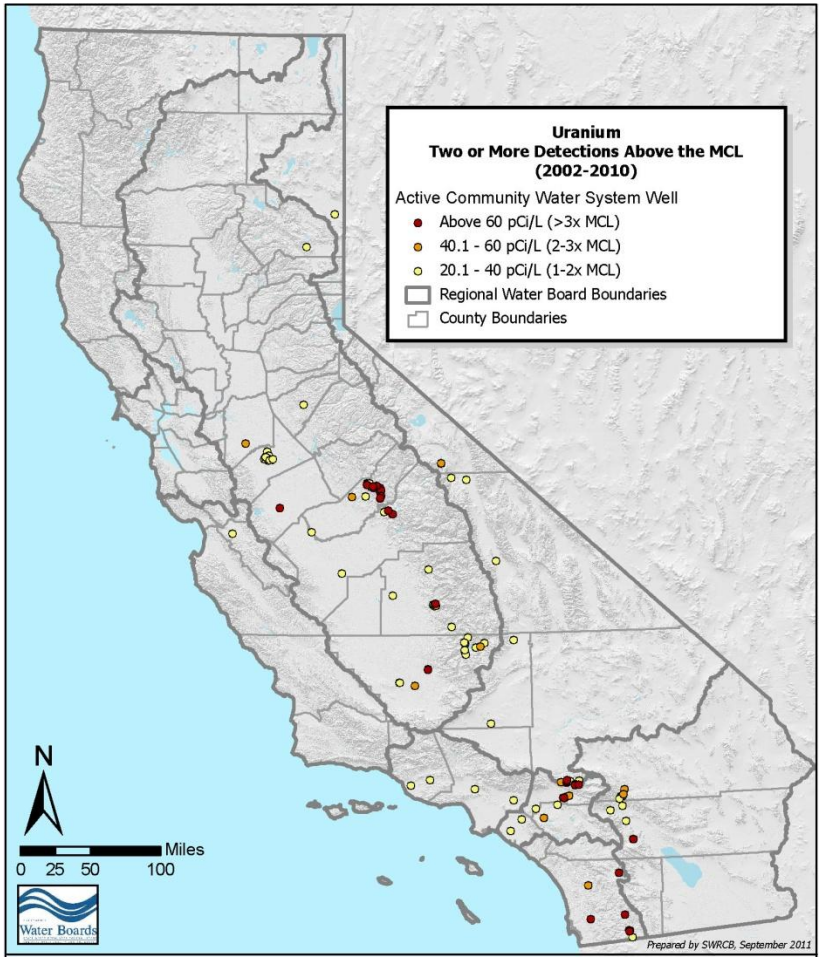

Figure 2.13: Uranium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

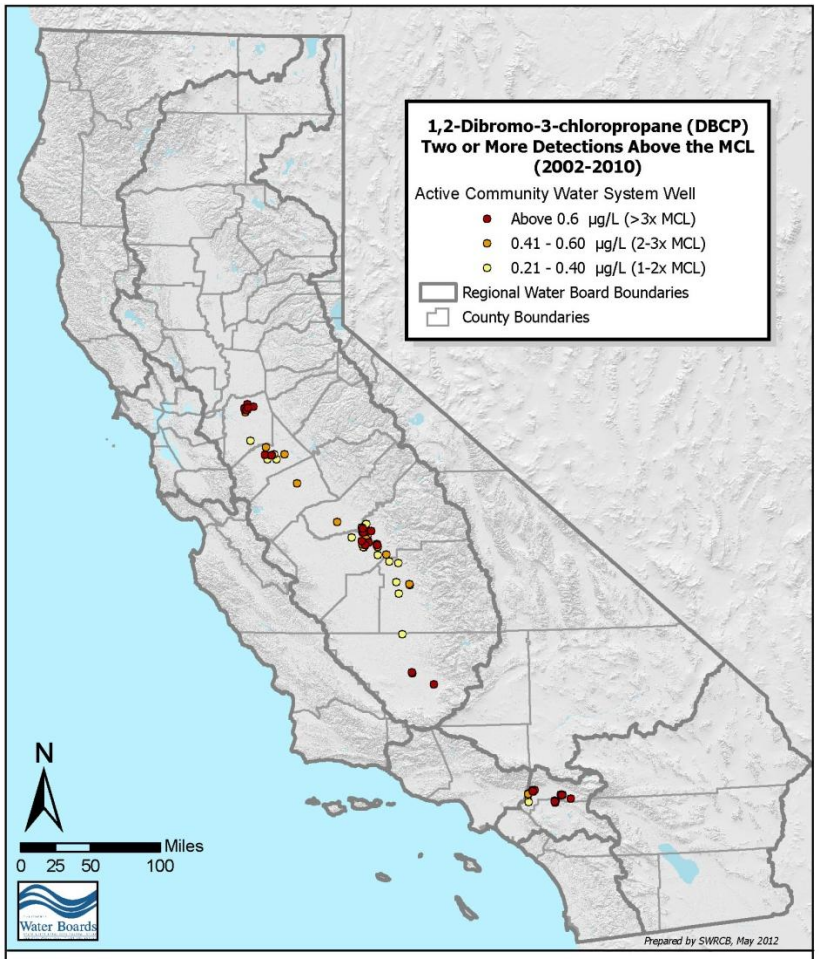

Figure 2.14: DBCP in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

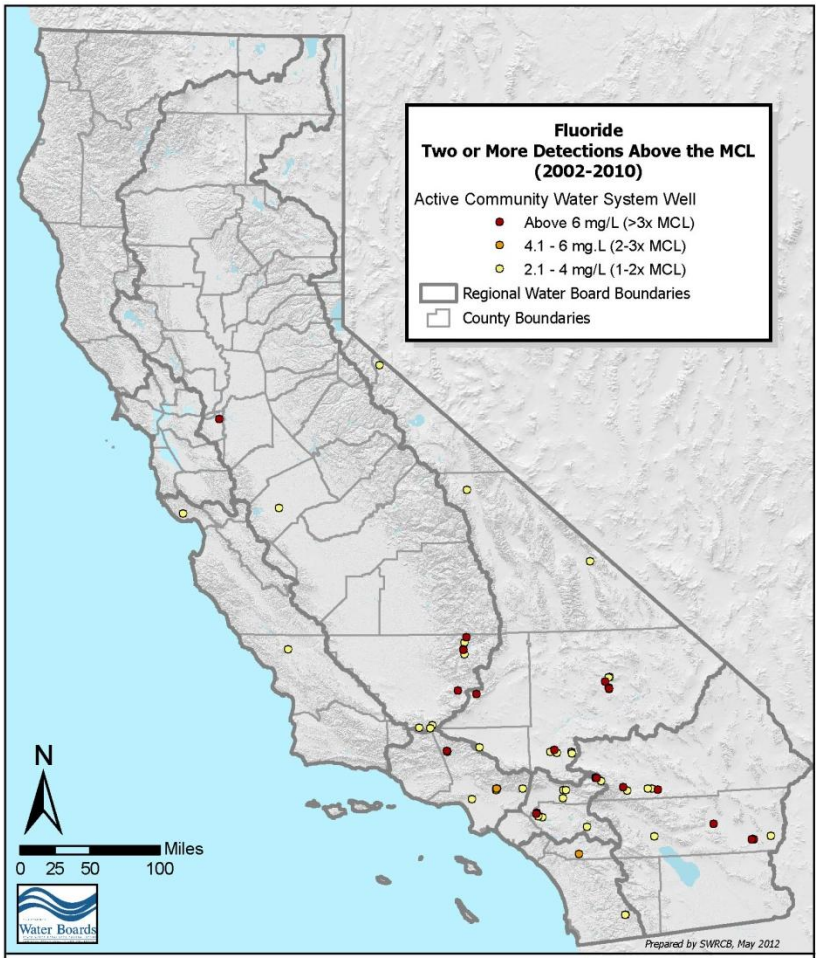

Figure 2.15: Fluoride (Naturally Occurring) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

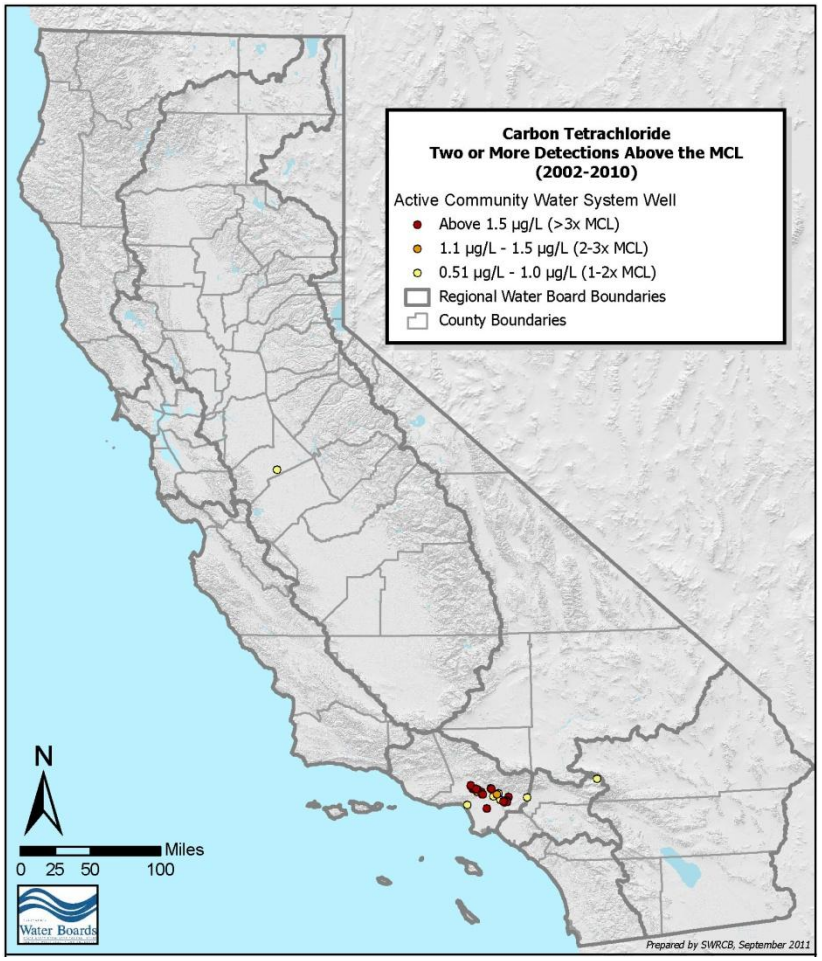

Figure 2.16: Carbon Tetrachloride in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

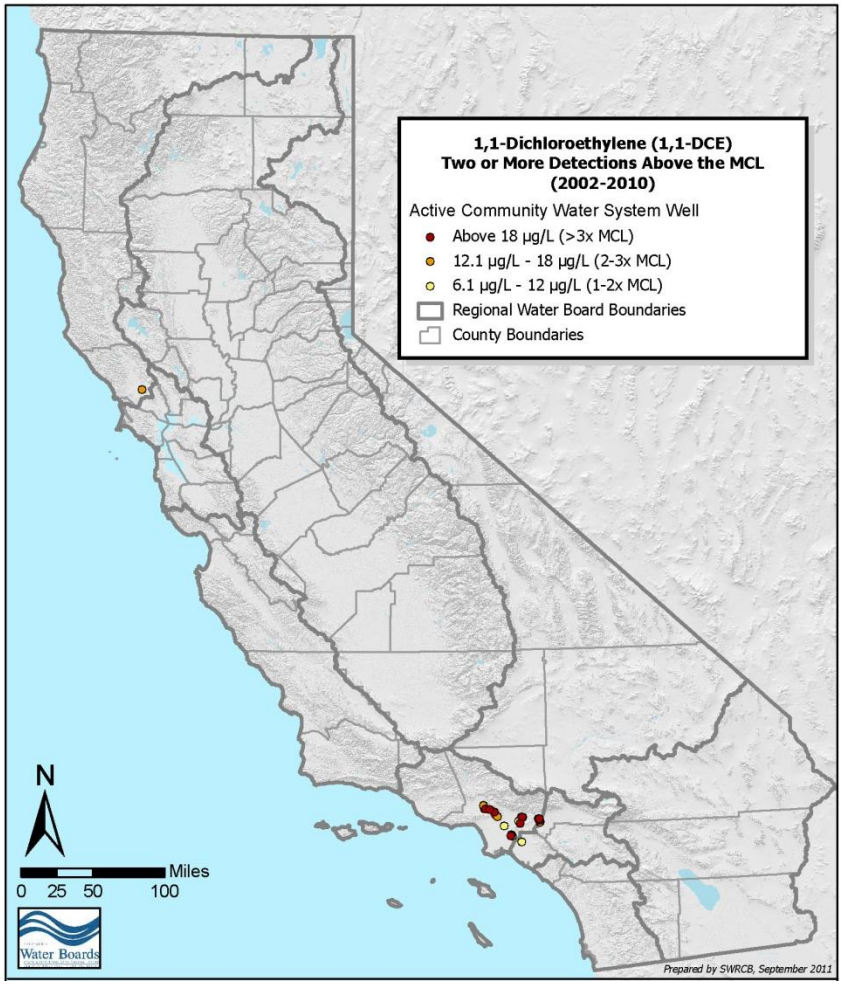

Figure 2.17: 1,1-Dichloroethylene in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

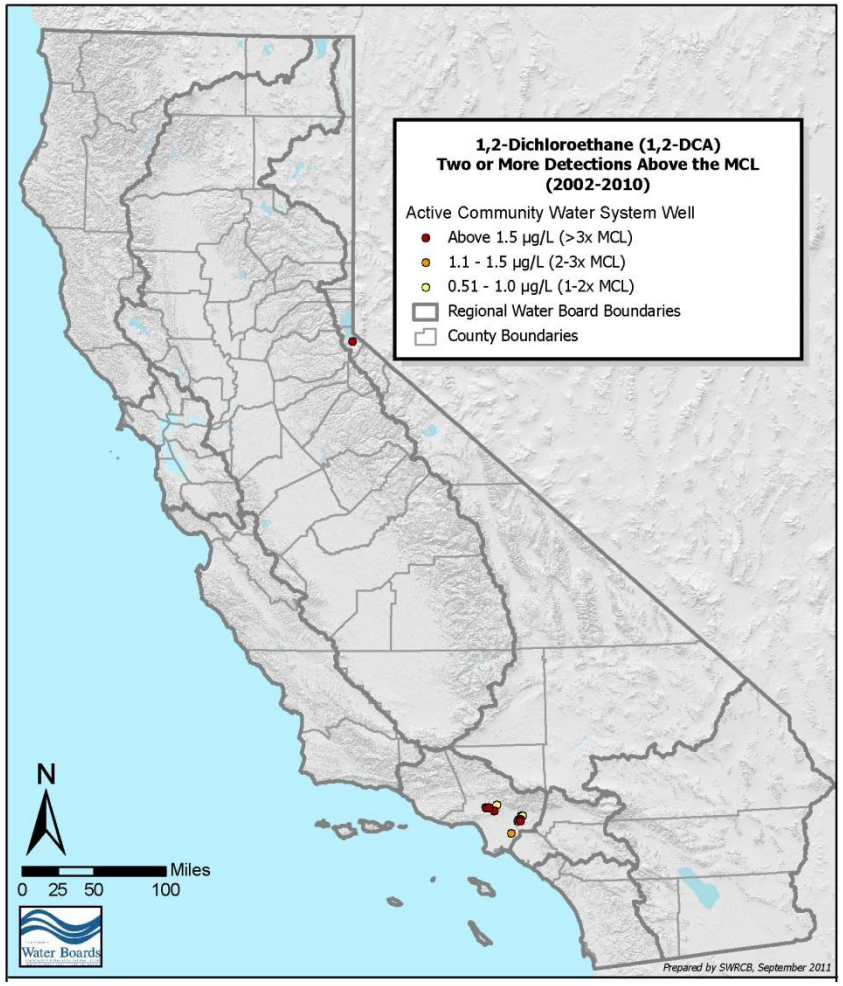

Figure 2.18: 1,2-Dichloroethane in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

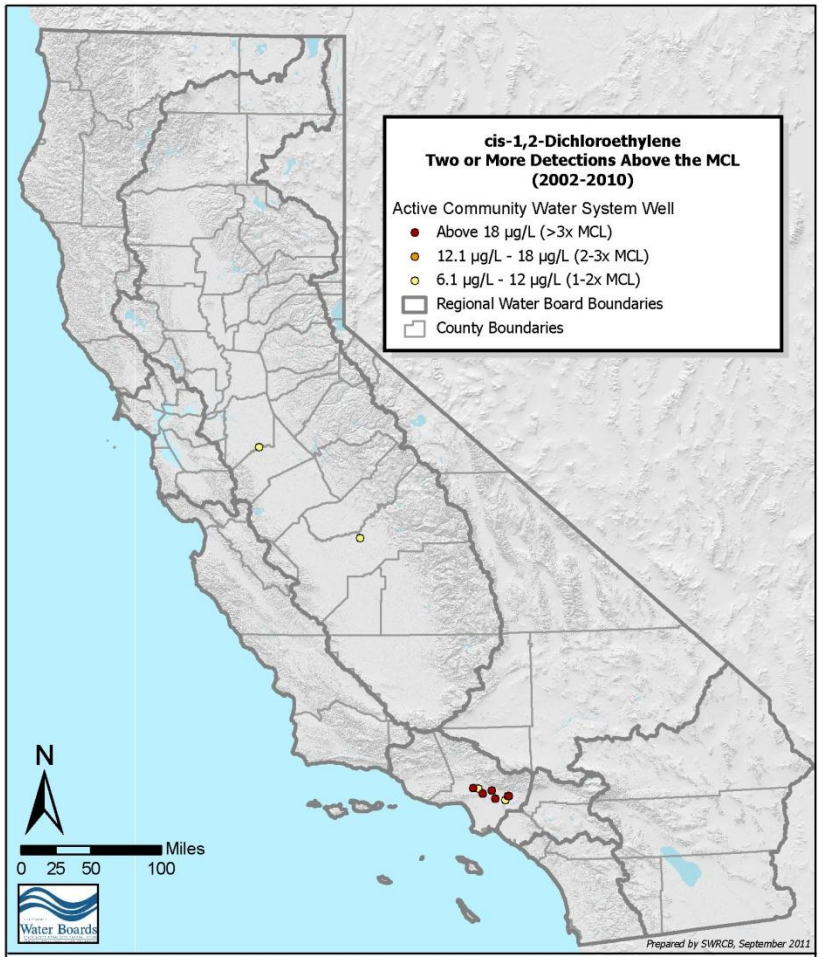

Figure 2.19: cis-1,2-Dichloroethylene in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

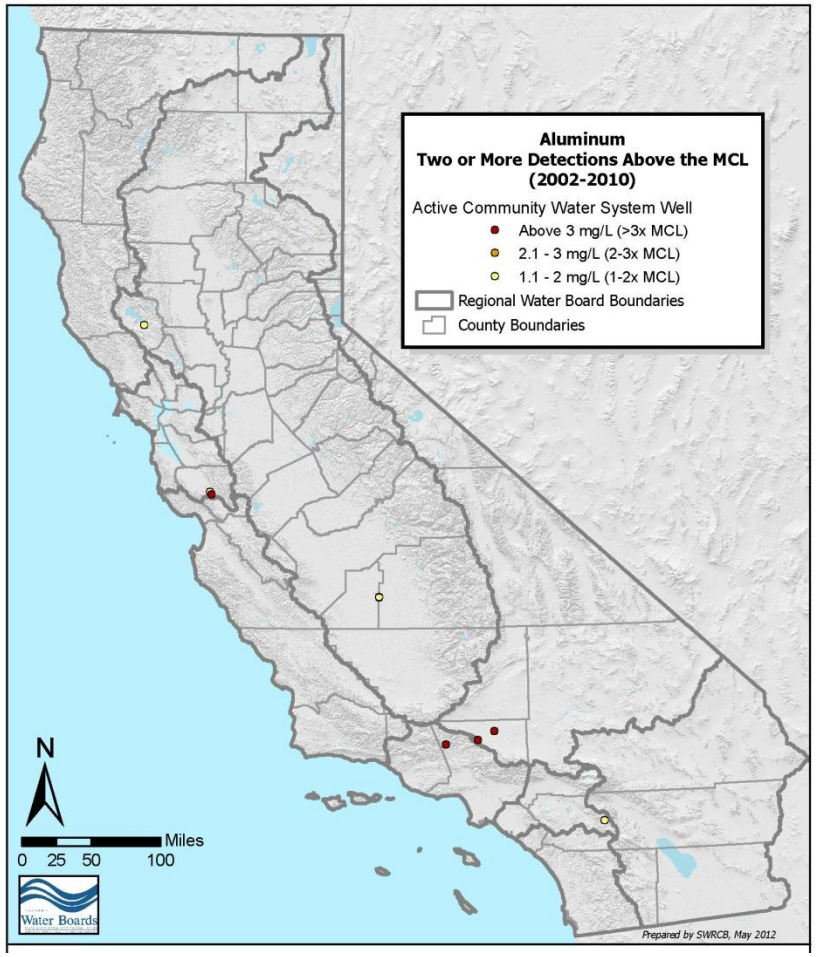

Figure 2.20: Aluminum in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

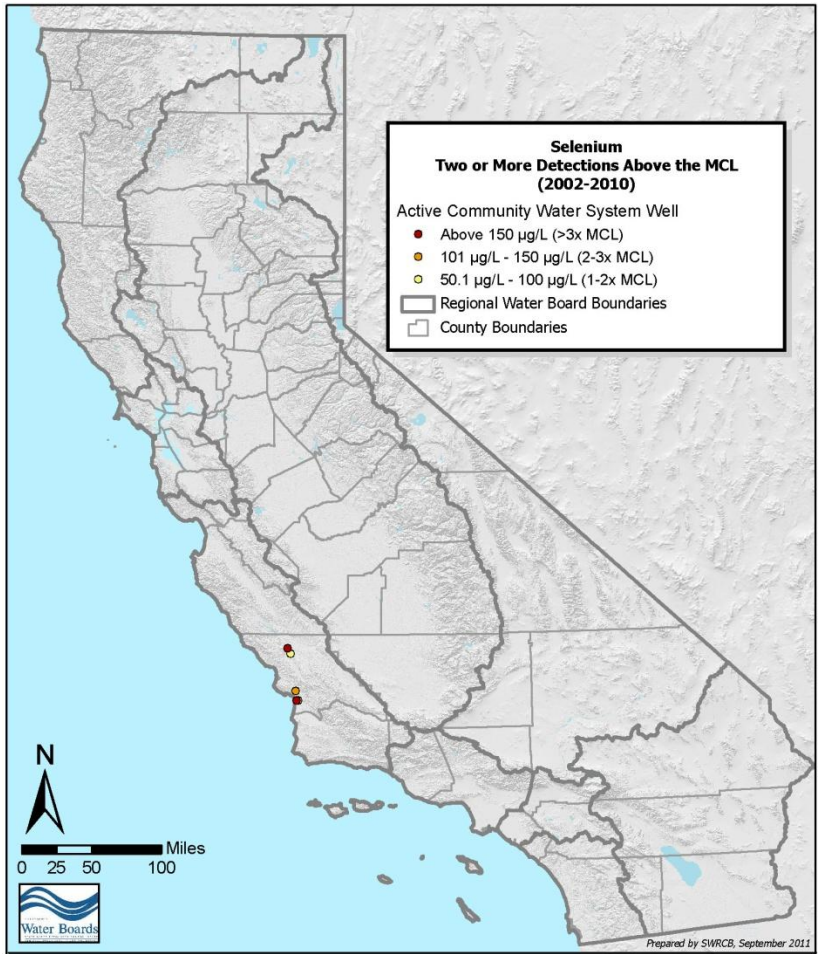

Figure 2.21: Selenium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

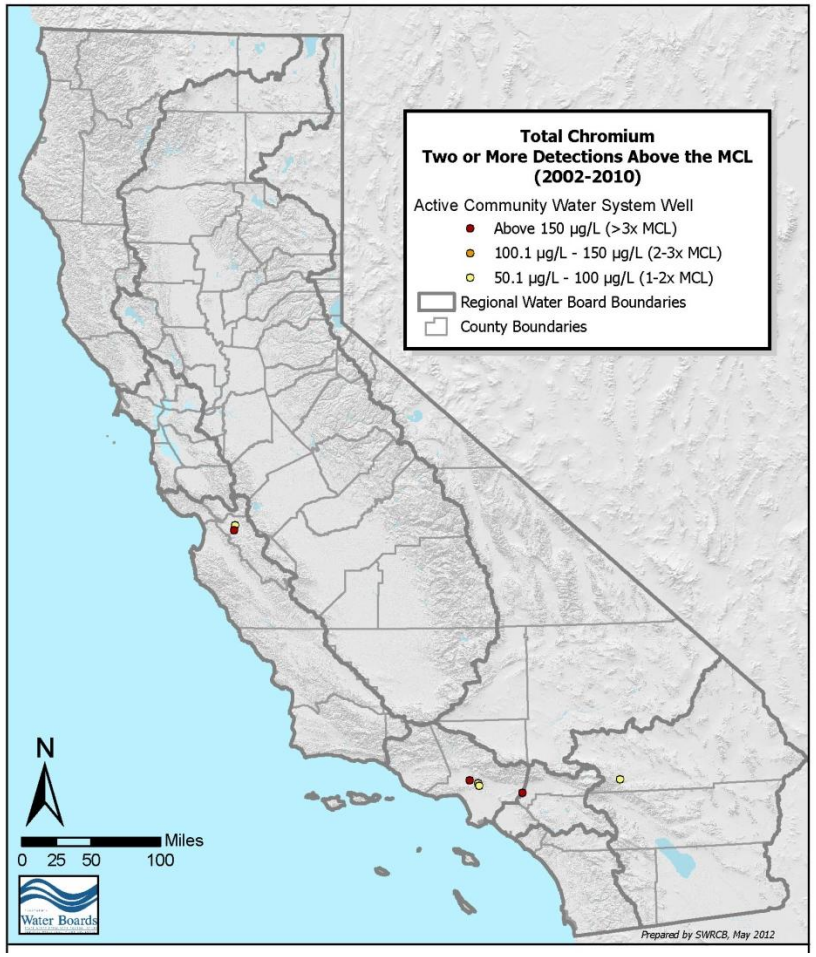

Figure 2.22: Total Chromium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

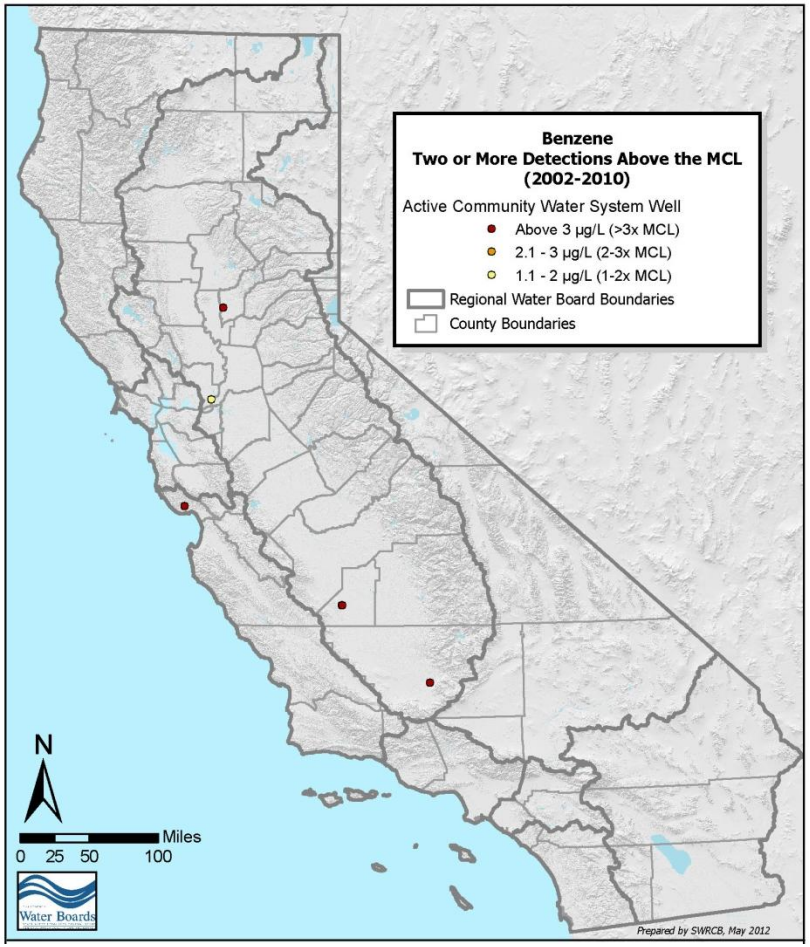

Figure 2.23: Benzene in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

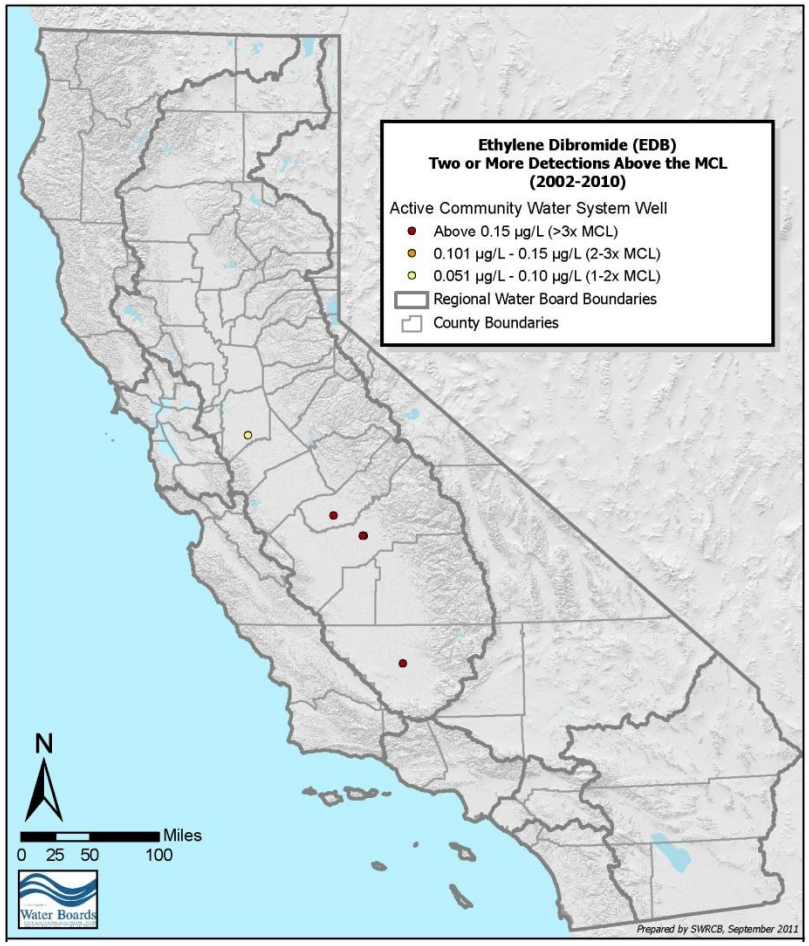

Figure 2.24: Ethylene Dibromide in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

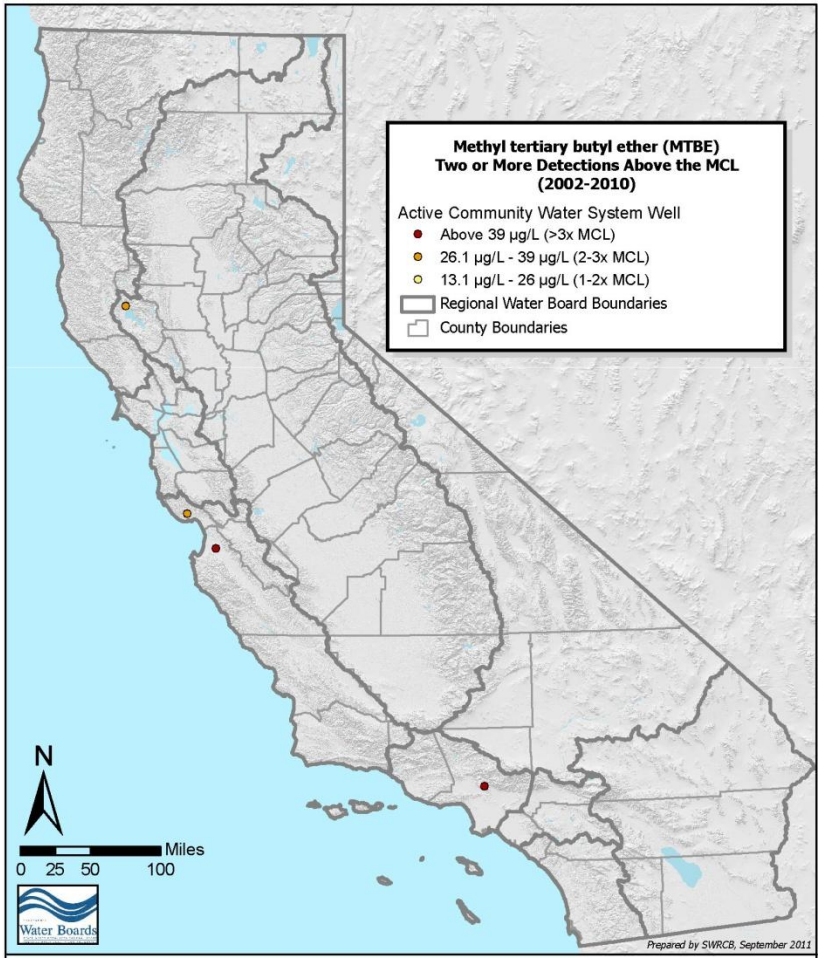

Figure 2.25: Methyl Tertiary Butyl Ether (MTBE) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

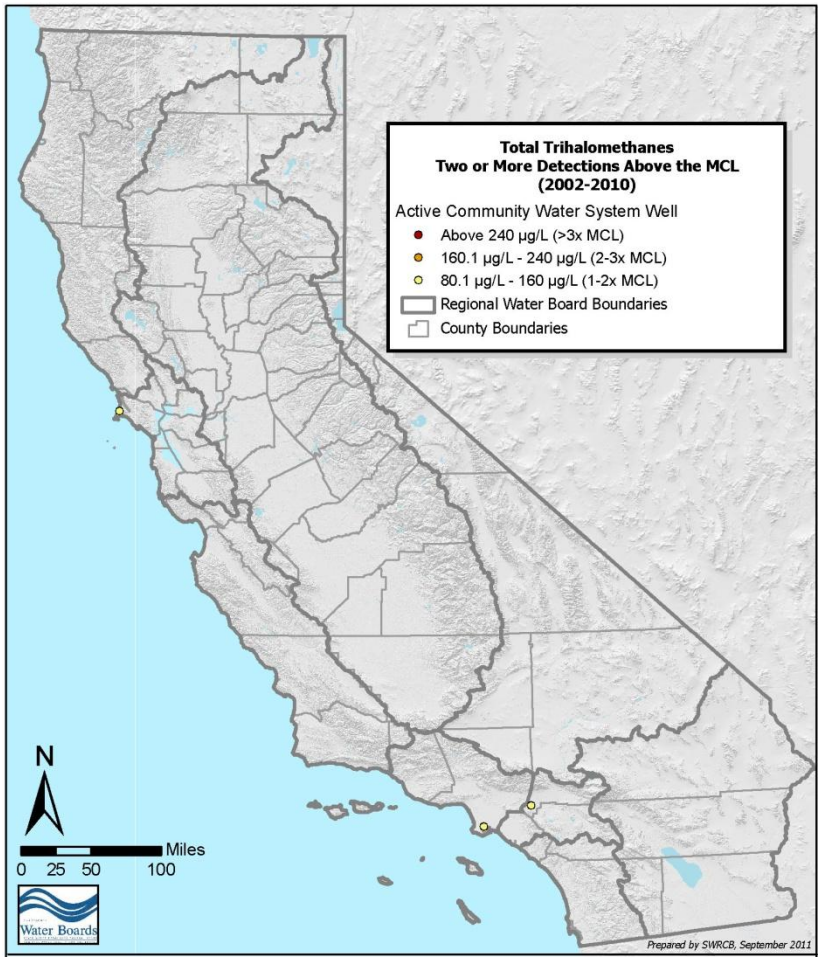

Figure 2.26: Total Trihalomethanes in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

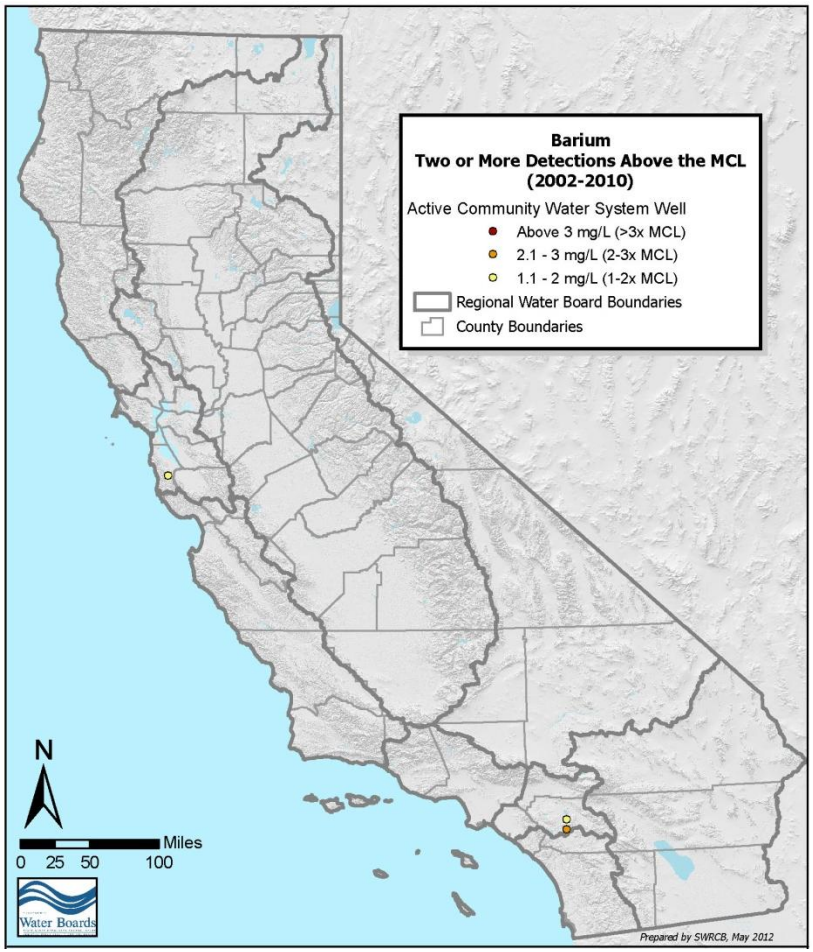

Figure 2.27: Barium in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

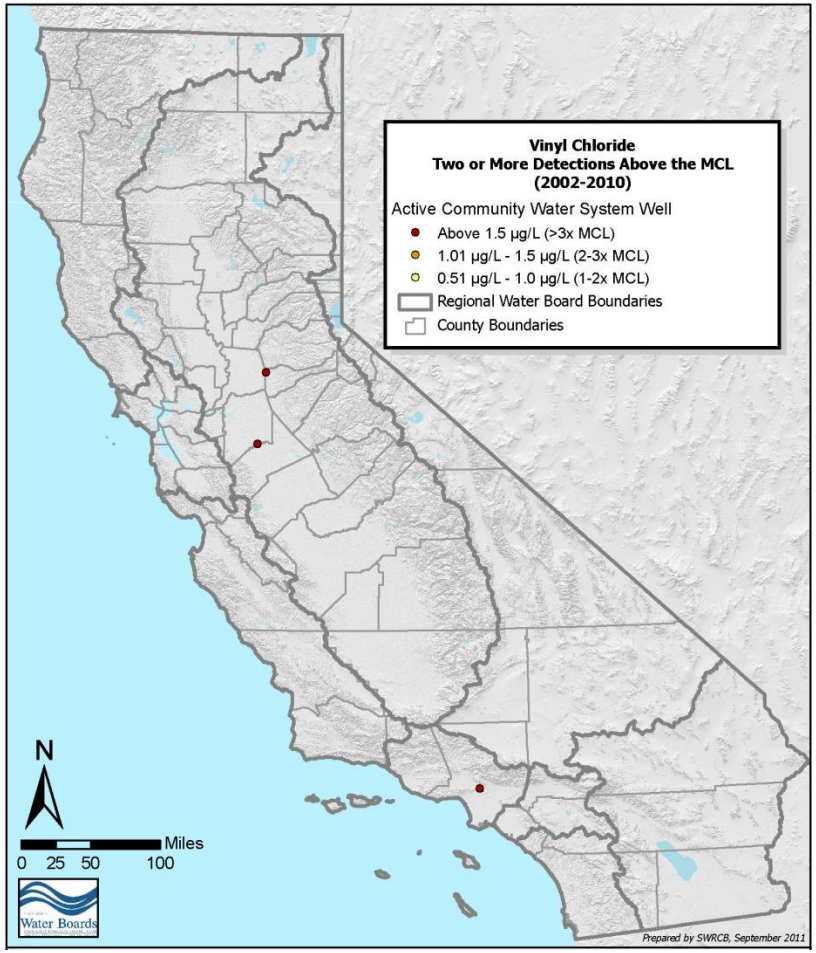

Figure 2.28: Vinyl Chloride in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

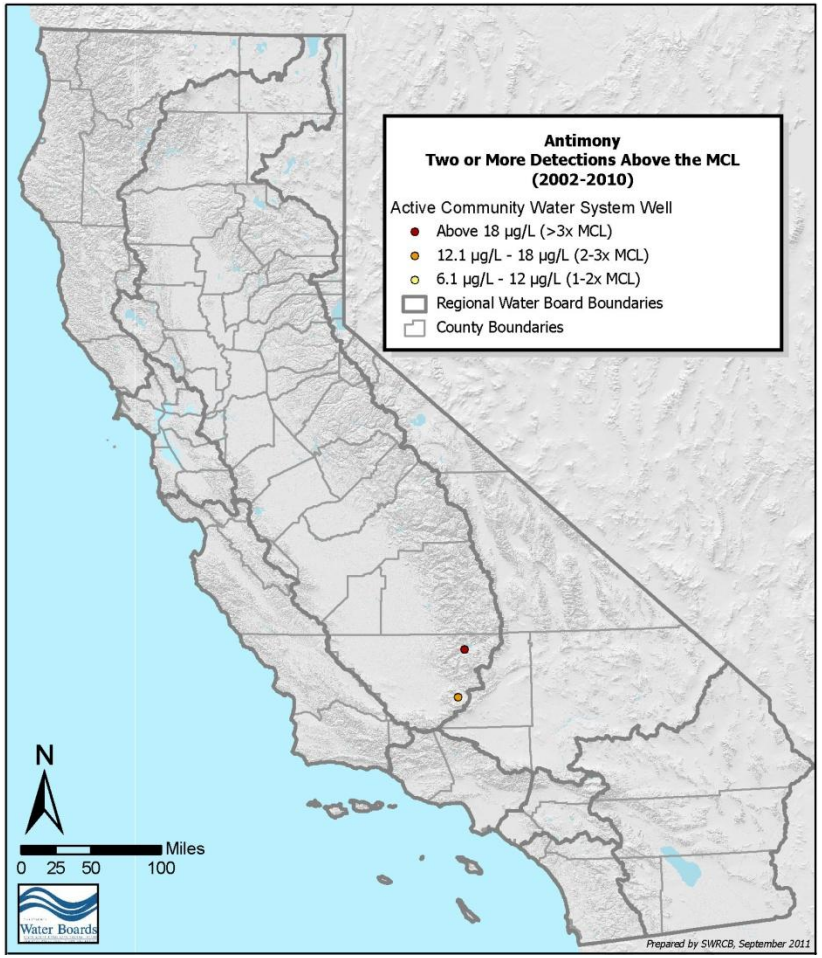

Figure 2.29: Antimony in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

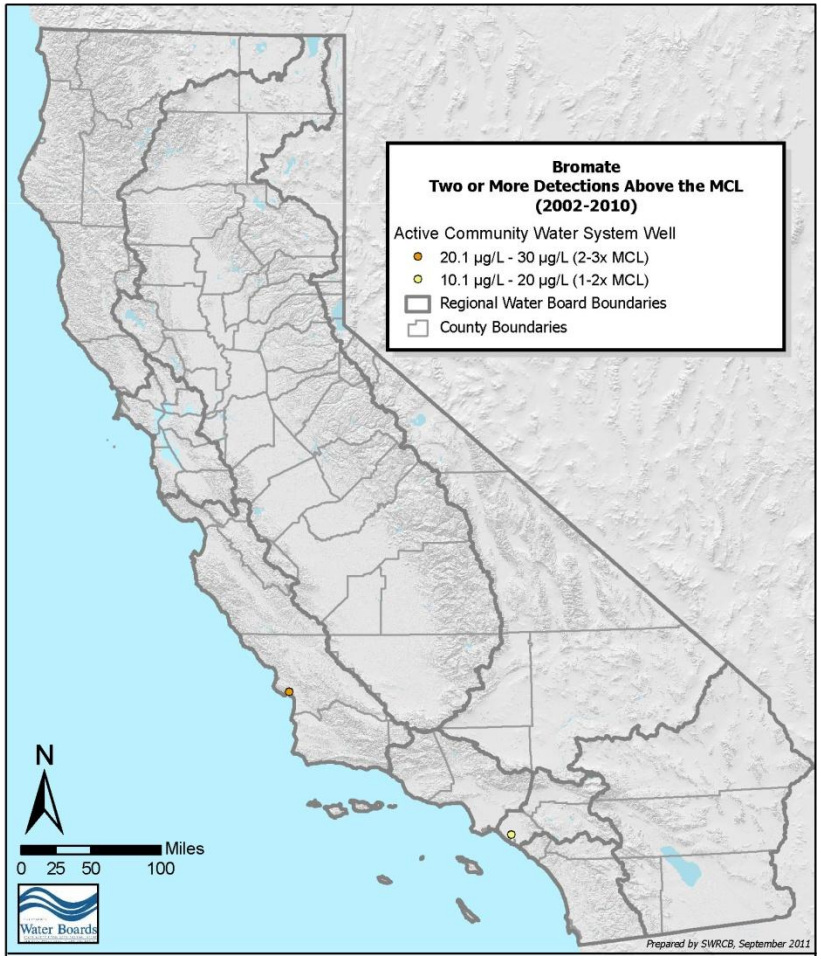

Figure 2.30: Bromate in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

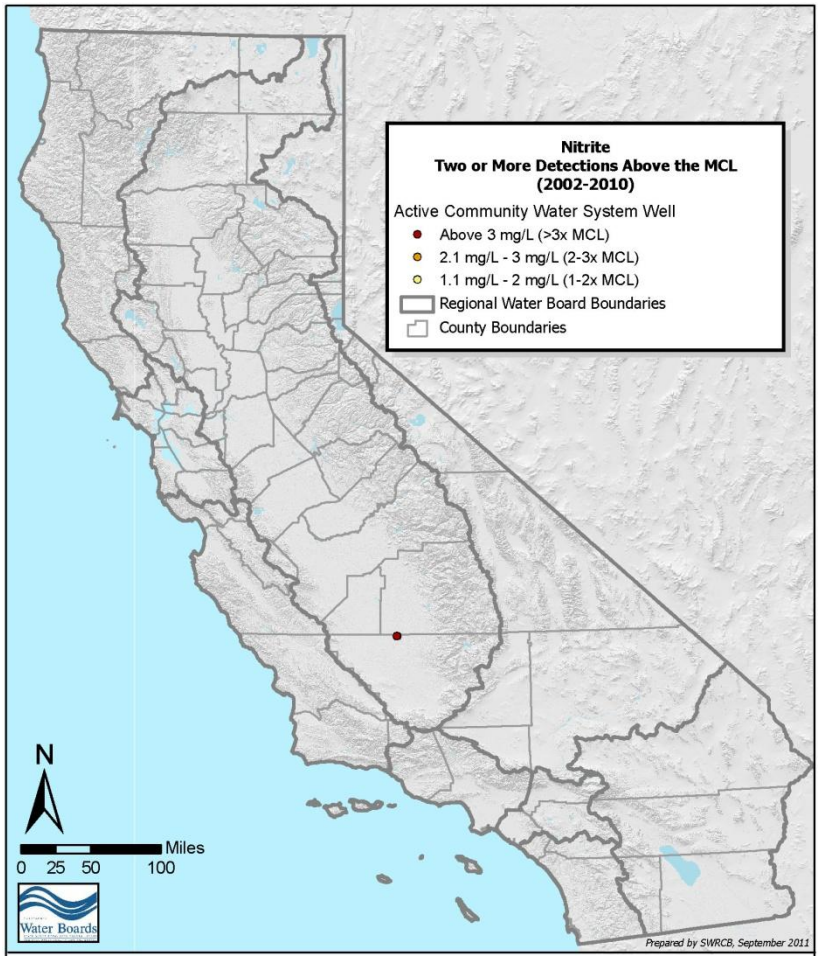

Figure 2.31: Nitrite (as N) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

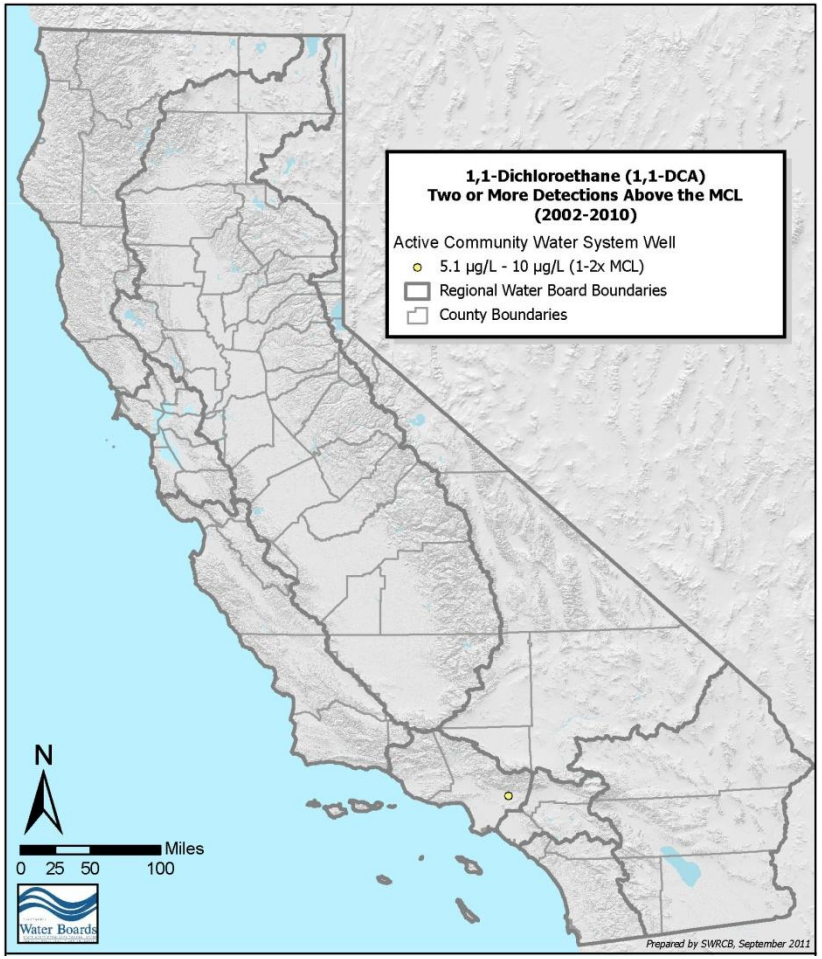

Figure 2.32: 1,1-Dichloroethane in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

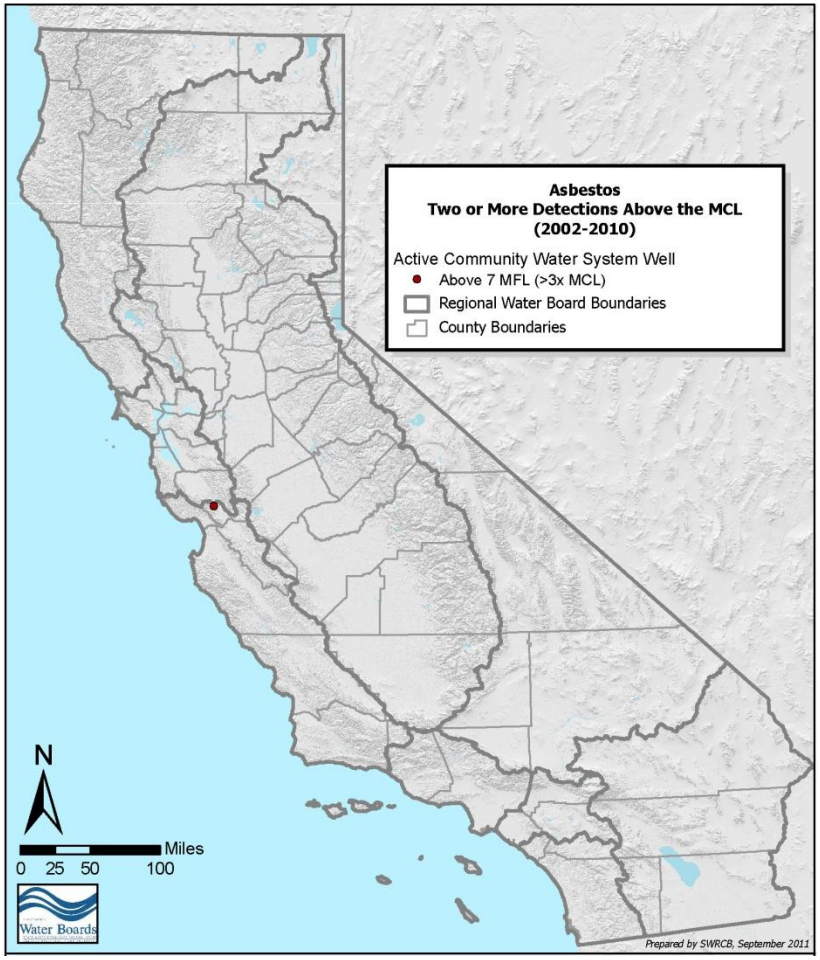

Figure 2.33: Asbestos in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

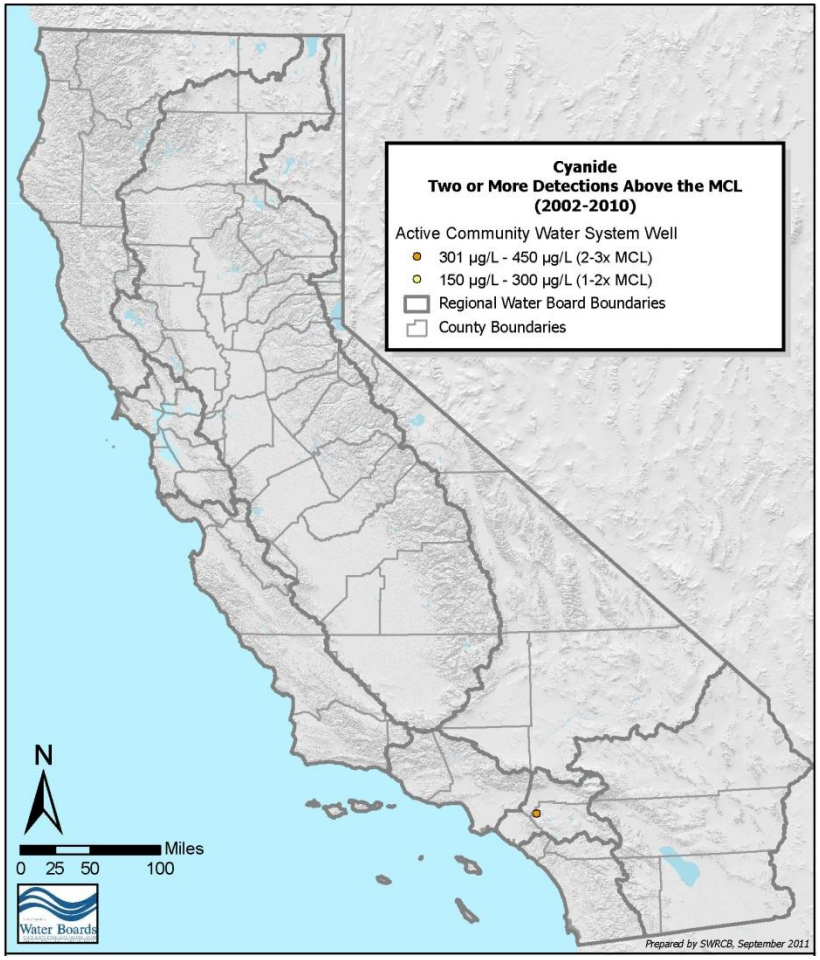

Figure 2.34: Cyanide in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

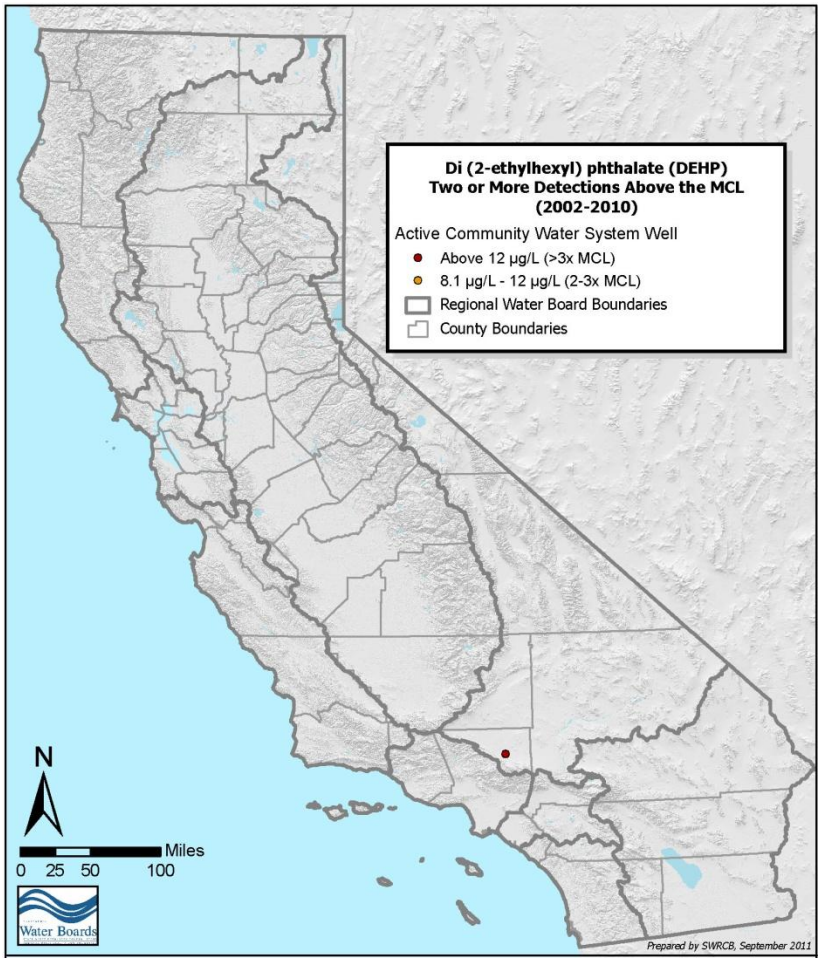

Figure 2.35: Di(2-ethylhexyl) phthalate (DEHP) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

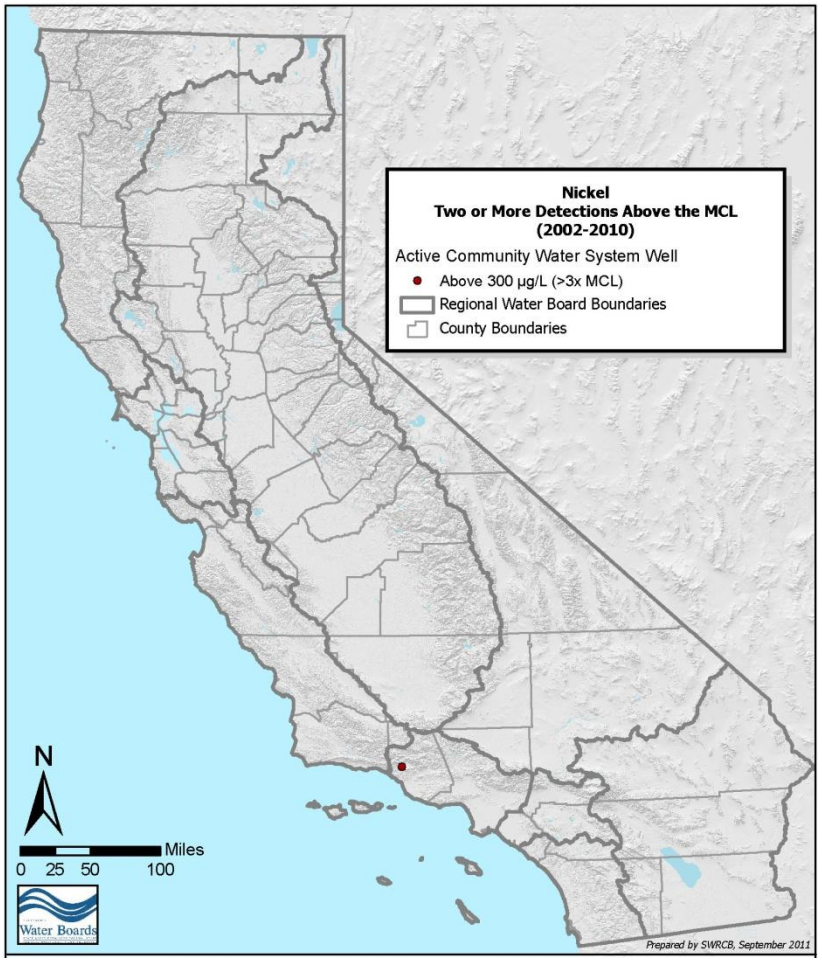

Figure 2.36: Nickel in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

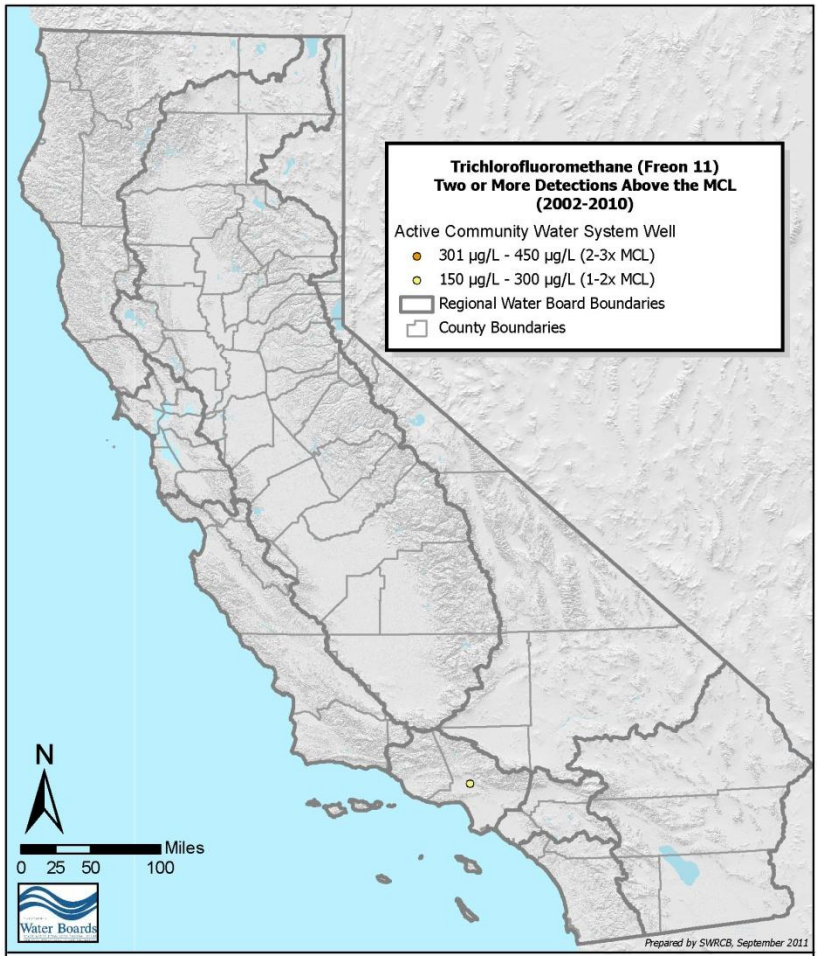

Figure 2.37: Trichlorofluoromethane (Freon 11) in Active Community Water System Wells, Two or More Detections above the MCL (Maximum Concentration Observed, 2002-2010)

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):

a. 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).
b. 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),
c. 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).
d. 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).
e. General category of contaminant.
f. Includes both volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC).
g. Cr-6 was evaluated using the DLR of 1 µg/L. No Notification Level exists.

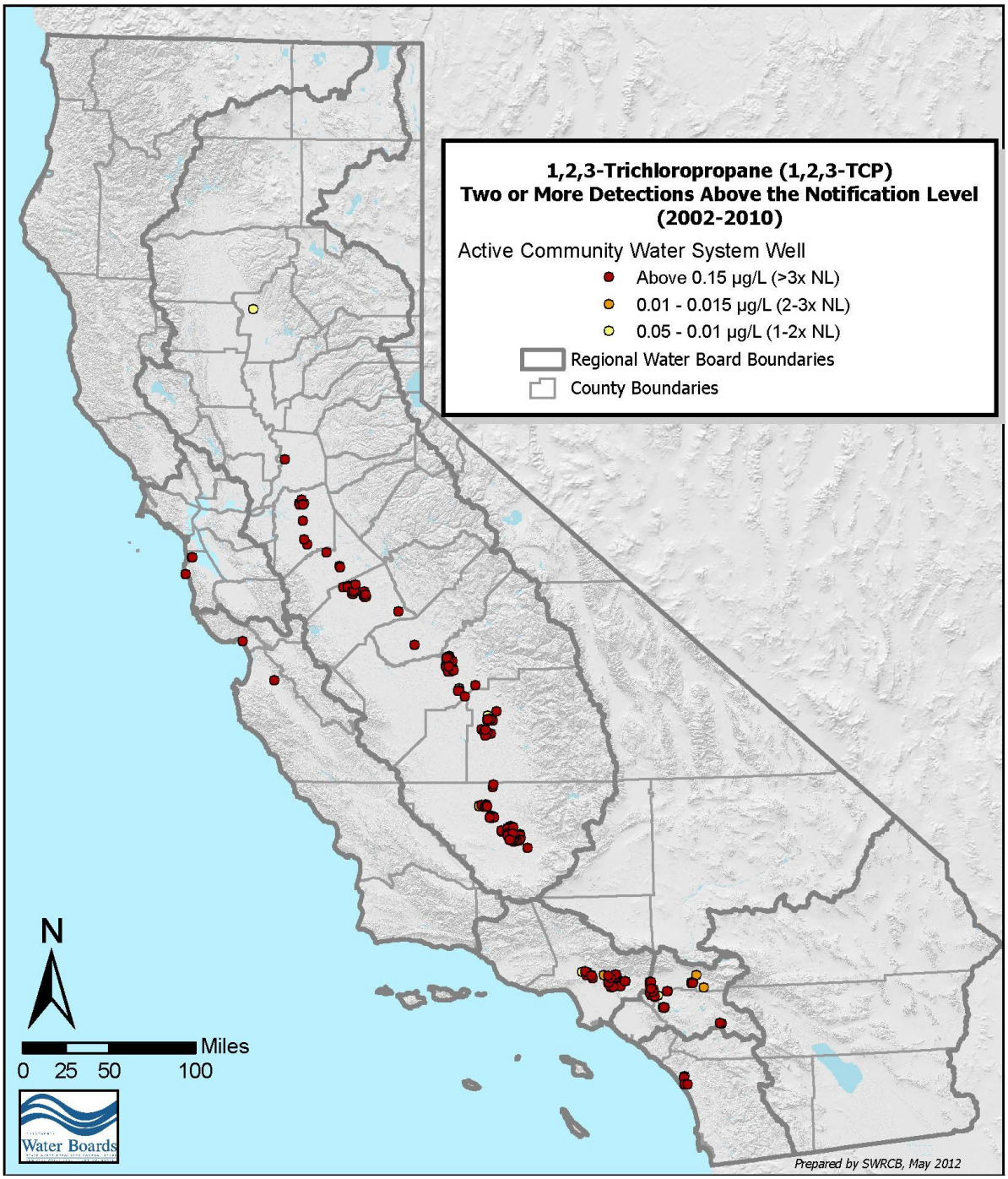

Figure 3.1: 1,2,3-Trichloropropane in Active Community Water System Wells (251) with Two or More Detections above the Notification Level of 0.005 µg/L (Maximum Concentration Observed, 2002-2010)

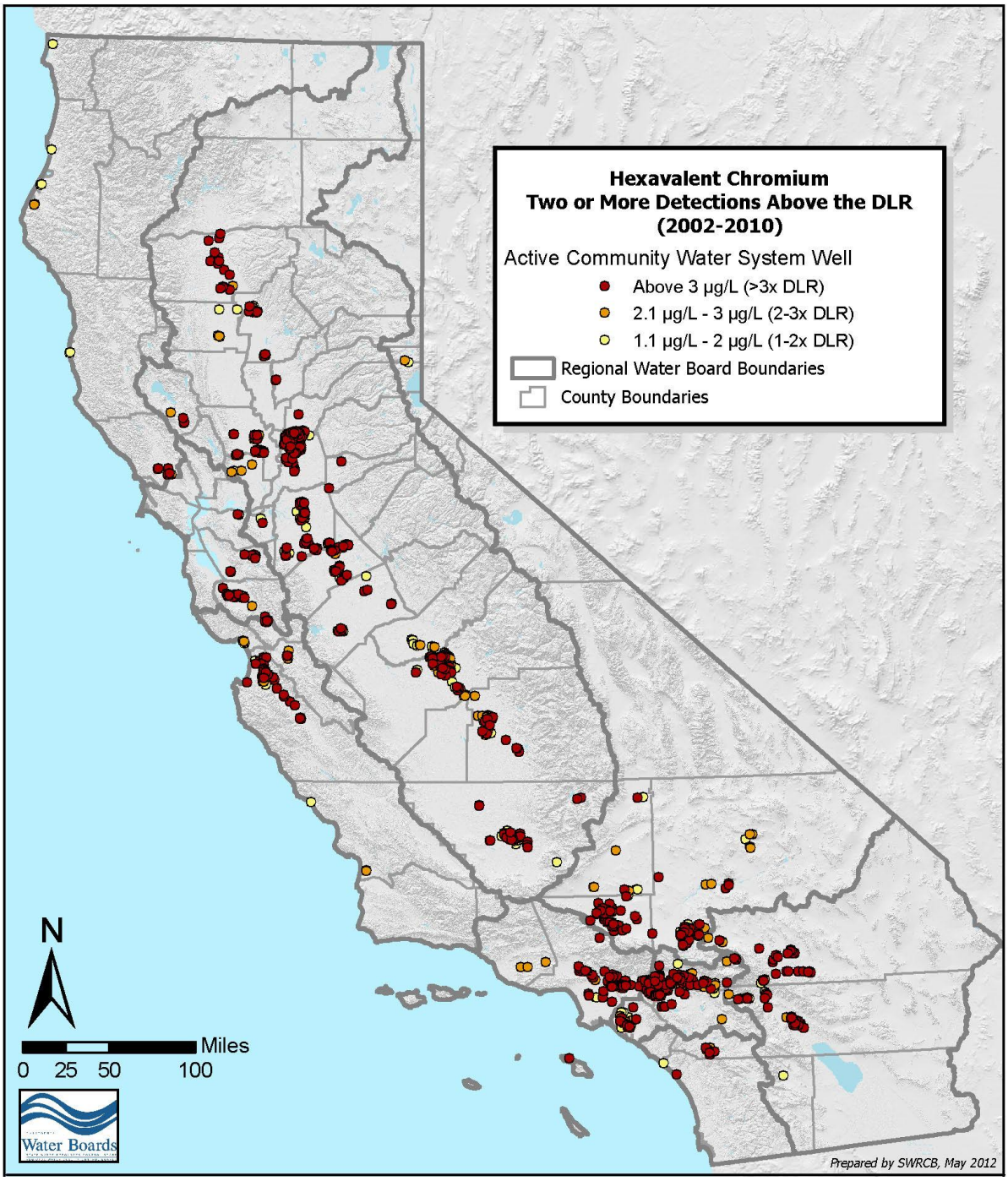

Figure 3.2: Hexavalent Chromium in Active Community Water System Wells (1,378) with Two or More Detections above the DLR of 1 µg/L (Maximum Concentration Observed, 2002-2010)

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),

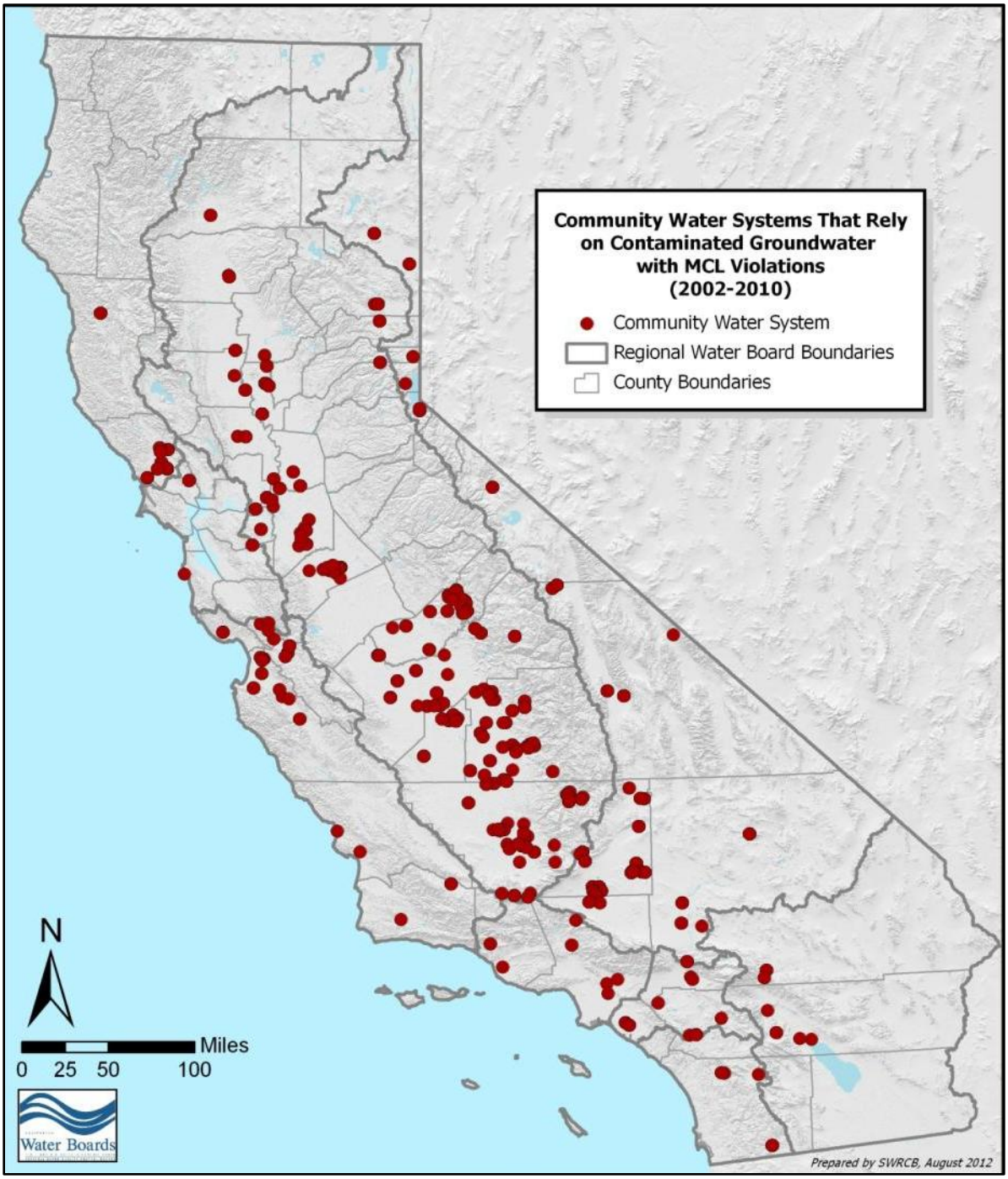

Figure 4.1: Location of 265 Community Water Systems that Rely on a Contaminated Groundwater Source for Drinking Water <u>and</u> have Received a Notice of an MCL Violation (2002-2010)

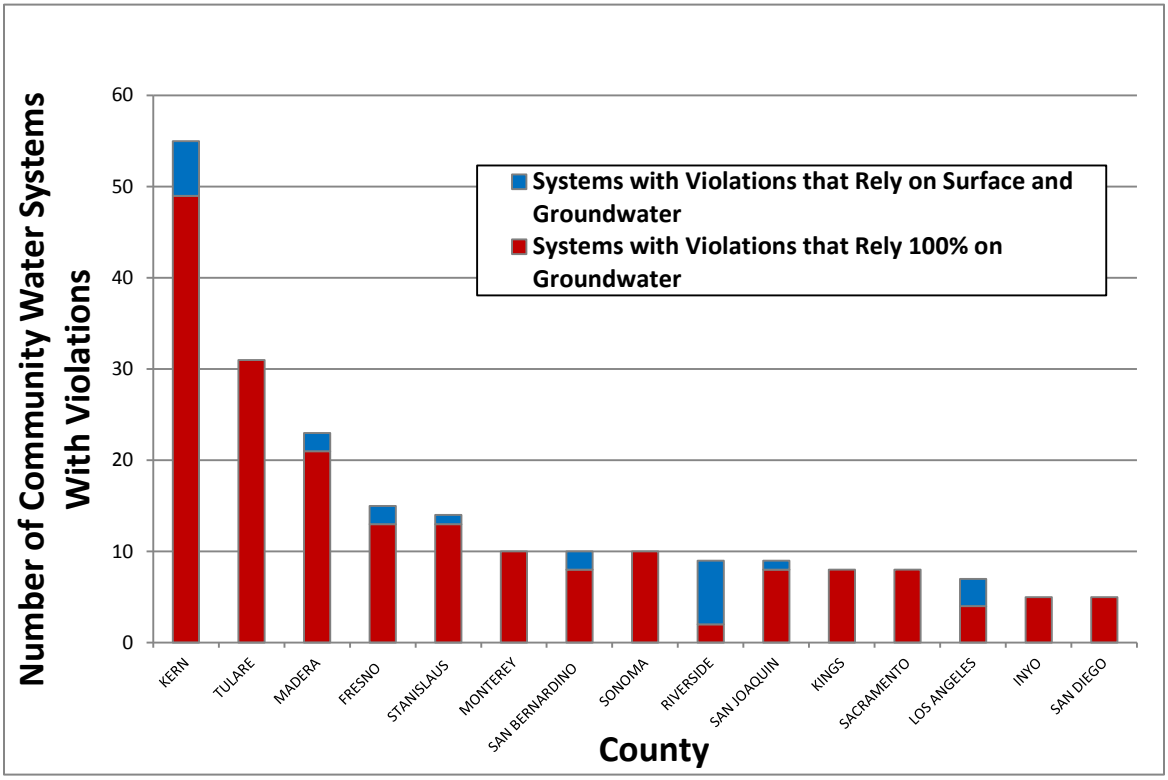

Figure 4.2: Top 15 Counties, Number of Community Water Systems that Rely on a Contaminated Groundwater Source and have Received a Notice of an MCL Violation – Groundwater Reliance (2002-2010)

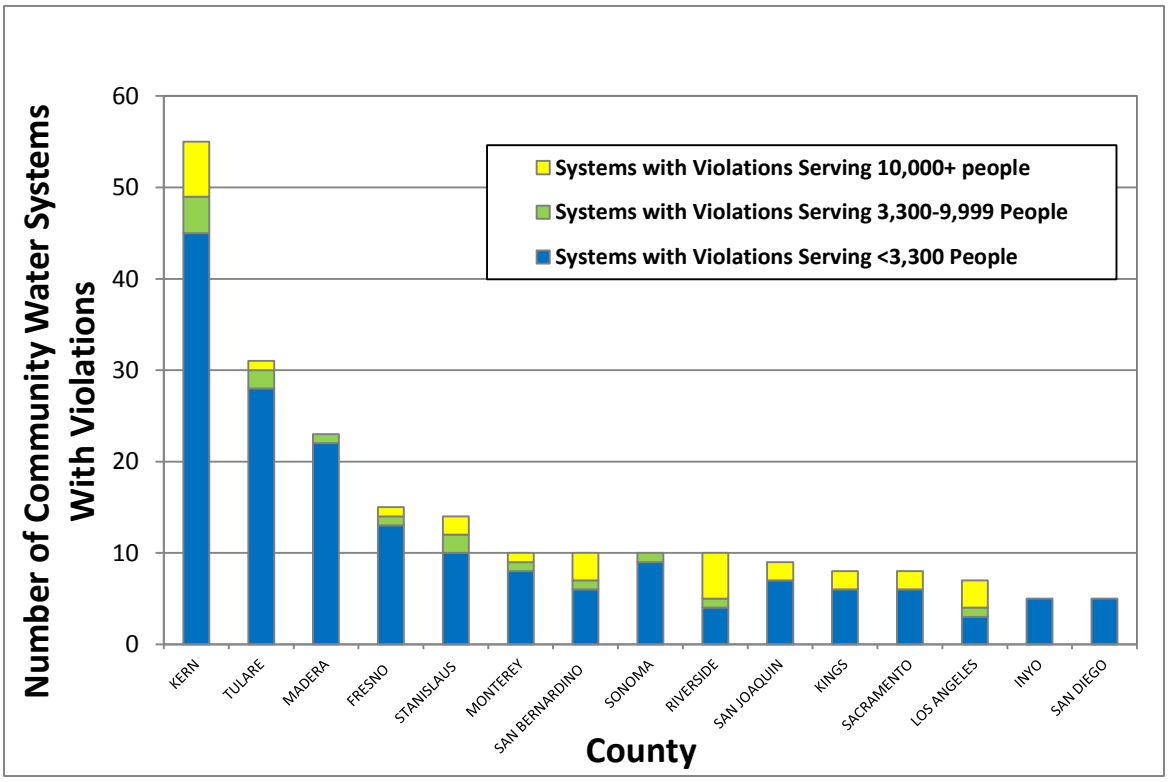

Figure 4.3: Top 15 Counties, Number of Community Water Systems that Rely on a Contaminated Groundwater Source and have Received a Notice of an MCL Violation-Population Served (2002-2010)

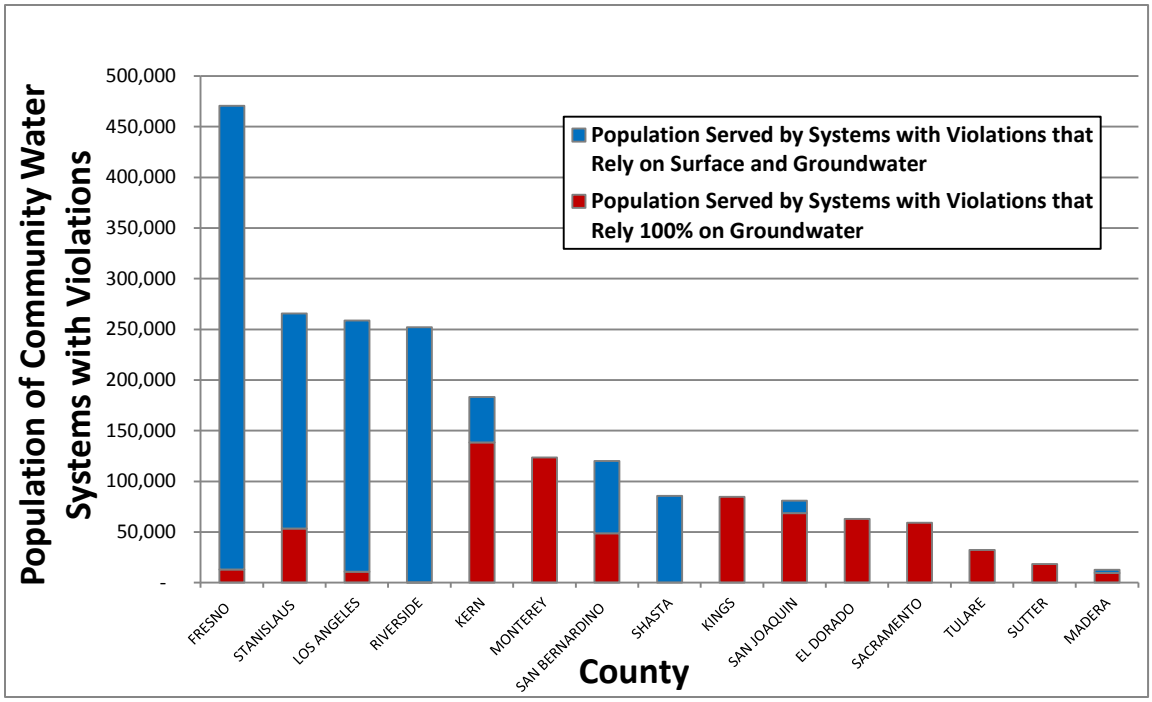

Figure 4.4: Top 15 Counties, Population of Community Water Systems that Rely on a Contaminated Groundwater Source <u>and</u> have Received a Notice of an MCL Violation (2002-2010)

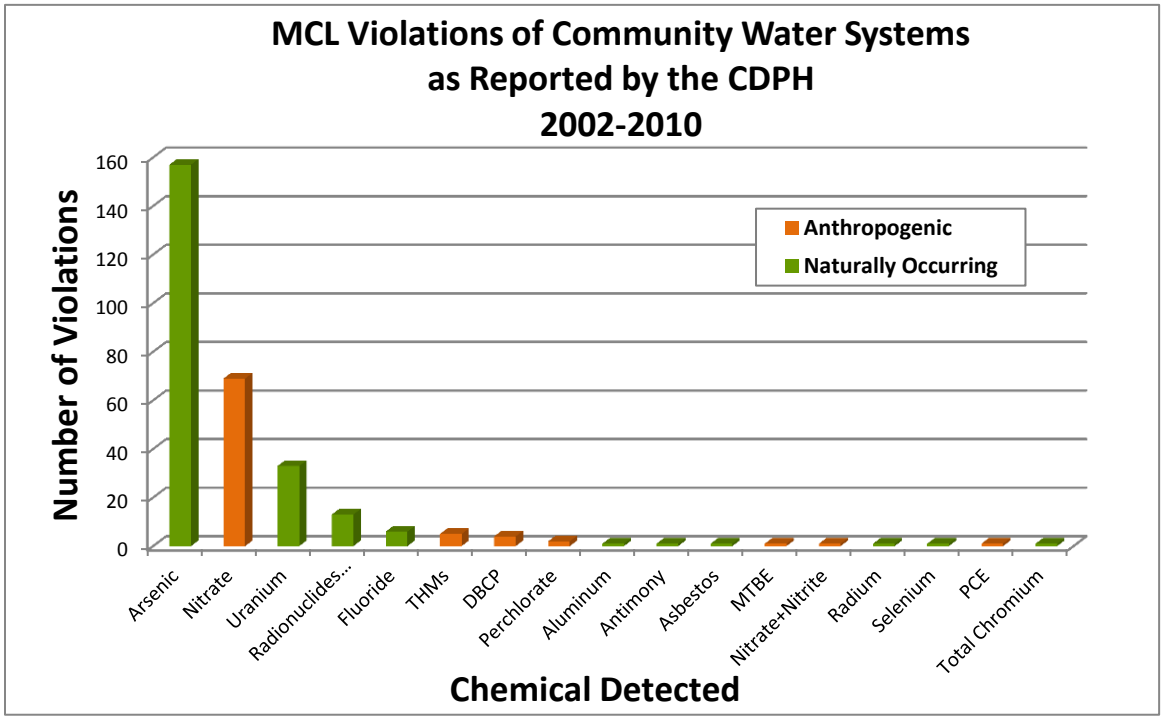

Figure 4.5: Number of Community Water Systems that Rely on a Contaminated Groundwater Source <u>and</u> have Received a Notice of an MCL Violation, by Principal Contaminant (2002-2010)

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).

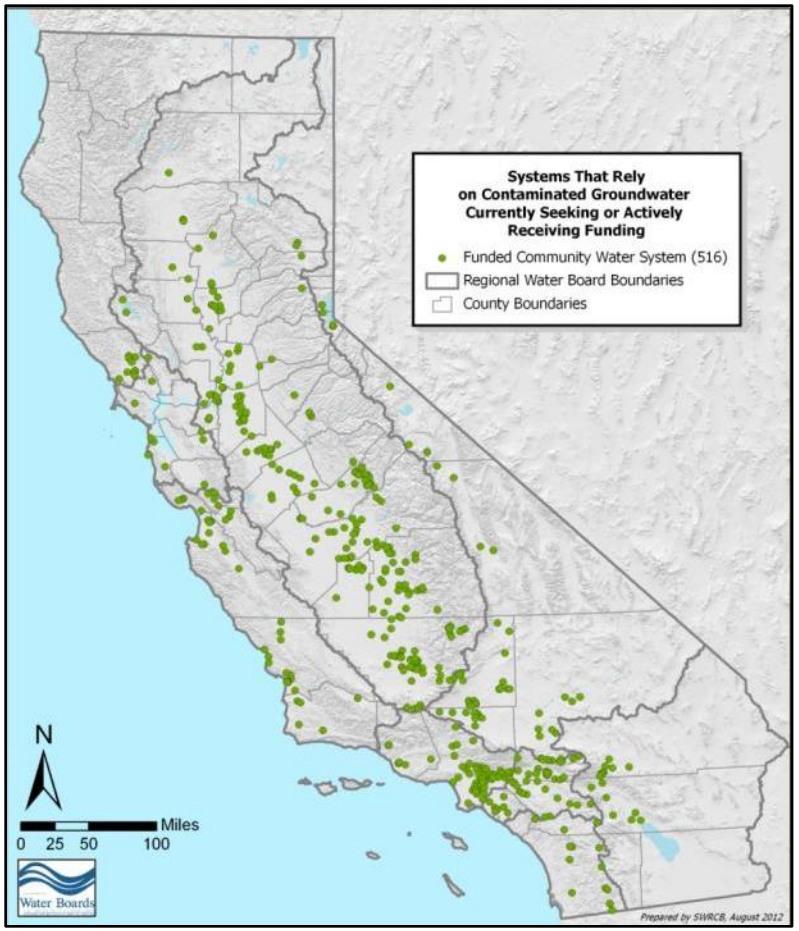

Figure 6.1: Identified Community Water Systems Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues (514 systems as of October 2011)

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

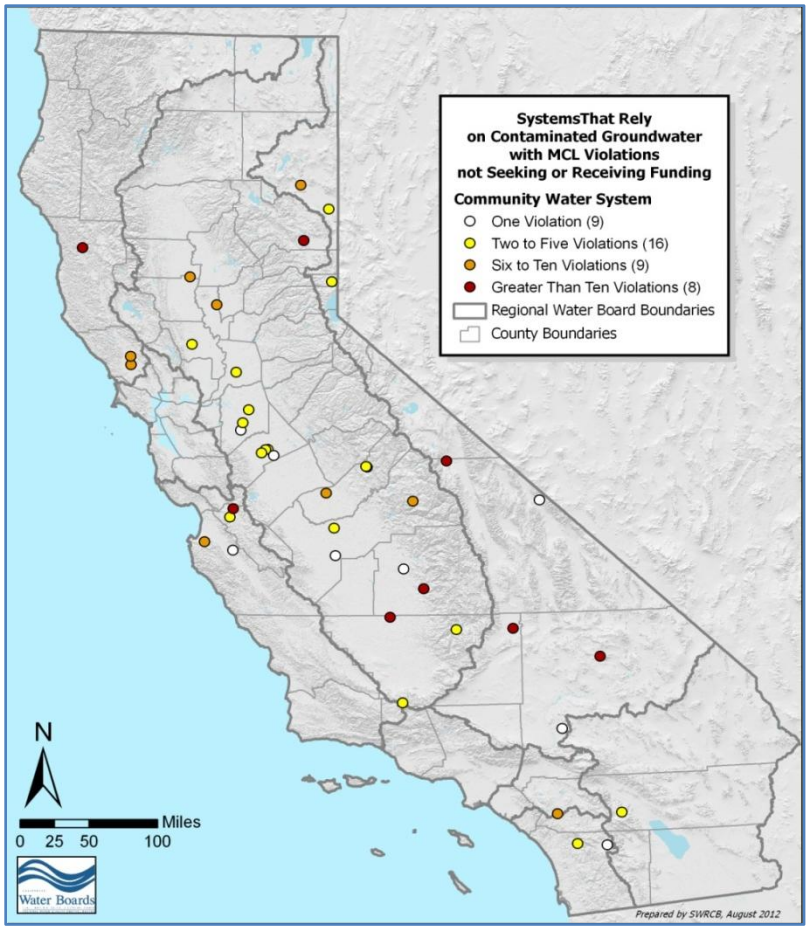

Figure 6.2: Identified Community Water Systems with MCL Violations (2002-2010) That are Not Receiving or Actively Seeking Funding to Address Identified Drinking Water Quality Issues (42 systems, as of October 2011)

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 SOURCES[1]	**SRF, PROPOSITION 50, & PROPOSITION 84**	**92**	**$374,085,167**

Notes:

1. Includes both surface water and groundwater projects
2. 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."
3. CDPH defines "disadvantaged community" as having a median household income of less than 80% of the statewide median household income.
4. CDPH Proposition 50 funding does not fund planning projects
5. CDPH Proposition 84 funding included funds specifically designated for use in groundwater projects.
6. 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 Amount[1]	Status[2]
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]**	**$150,000,000[3]**
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**	**<$774,000,000[4]**

(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 is 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 - KERNVALE 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 - RANDSBURG	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 - LAKELAND	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).

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 TAHOE 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

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								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

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								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
FRESNO	Tranquillity CDP	TRANQUILLITY IRRIGATION DIST	1010030	100% GW	820	2	2	1010030-002	Arsenic	10	ug/L	6/8/2010	12	16	13.05	13
								1010030-003	Arsenic	10	ug/L	9/16/2010	15	16.1	13.97	15
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

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								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

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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
KERN COUNTY	Bodfish CDP	CWS - UPPER BODFISH WATER SYSTEM	1510026	100% GW	784	2	2	1510026-004	Arsenic	10	ug/L	8/17/2010	8	20	12.94	11
								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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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	2/11/2010	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 - LAKELAND	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

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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

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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
KERN COUNTY	Lake Isabella CDP	BOULDER CANYON WATER ASSOCIATION	1500521	100% GW	29	2	2	1500521-001	Arsenic	10	ug/L	11/10/2010	19	26	16.54	20
								1500521-002	Arsenic	10	ug/L	11/10/2010	19	30	19.82	21
KERN COUNTY	Lebec CDP	TEJON RANCH MAIN HEADQUARTERS	1500413	100% GW	53	1	1	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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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

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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

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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

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								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

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								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
LOS ANGELES	Monrovia city	MONROVIA-CITY, WATER DEPT.	1910090	100% GW	39147	5	3	1910090-002	Nitrate (as NO3)	45	mg/L	11/3/2009	30	66	36.68	129
								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
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

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								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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								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

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								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	CALIFORNIAFWATER 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

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								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

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								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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								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	6/14/2005	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

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LOS ANGELES	Burbank	LOS ANGELES CWWD 40, R24, 27,33-PEARBLSM	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	GLENDORA-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

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								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

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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
								2000506-006	Uranium	20	pCi/L	6/6/2010	4	410	240.38	4
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
MERCED	City of Merced	John Latorraca Correction Center	2400172	100% GW	800	3	3	2400172-001	Arsenic	10	ug/L	1/22/2009	7	45.7	24.53	7
								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
MERCED	El Nido CDP	El Nido Mobile Home Park	2400053	100% GW	250	2	3	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
								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
MERCED	Le Grand CDP	LE GRAND COMM SERVICES DIST	2410011	100% GW	1700	3	1	2410011-005	Arsenic	10	ug/L	3/25/2010	5	16.1	10.38	10
MONO	Bridgeport CDP	BRIDGEPORT PUD	2610003	100% GW	300	3	3	2610003-002	Arsenic	10	ug/L	1/5/2010	5	35	25.27	6
								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
MONO	Coleville CDP	USMC HOUSING - COLEVILLE	2610701	100% GW	367	3	3	2610701-001	Arsenic	10	ug/L	3/2/2010	21	43	32.24	20
								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
MONO	Mammoth Lakes town	MAMMOTH CWD	2610001	>50% GW Mixed	8214	9	7	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
								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
MONO	Crowley Lake CDP	CROWLEY LAKE MUT. WATER DIST.	2600546	100% GW	250	2	1	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
MONTEREY	Toro CDP	CAL AM WATER COMPANY - TORO	2710021	100% GW	1296	2	2	2710021-003	Arsenic	10	ug/L	11/1/2010	20	22	13.71	24
								2710021-004	Arsenic	10	ug/L	11/1/2010	23	17	14.26	23
MONTEREY	Salinas city	CWSC SALINAS	2710010	100% GW	114840	32	7	2710010-028	Gross alpha particle activity	15	pCi/L	5/28/2009	4	20	10.13	23
								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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								2710010-039	Nitrate (as NO3)	45	mg/L	11/17/2010	92	72.37	57.51	91
MONTEREY	Soledad city	SALINAS VALLEY STATE PRISON	2710851	100% GW	6585	2	2	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

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								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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								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

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								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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								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

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								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

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								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
								3610008-007	Trichloroethylene (TCE)	5	ug/L	10/13/2010	41	29	16.07	41
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

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								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

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
SAN BERNARDINO	Lake Arrowhead	LAKE ARROWHEAD CSD	3610005	Mixed <50%GW	4292	5	6	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
								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
SAN BERNARDINO	Rancho Cucamonga, Upland, Ontario, Fontana	CUCAMONGA VALLEY WATER DISTRICT	3610018	Mixed <50%GW	185534	28	10	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
								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	3.92959184	15

Table 8.1
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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
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

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		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	Muscoy 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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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
								3700923-008	Uranium	20	pCi/L	7/1/2010	9	97	32.32	14
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	2/11/2010	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

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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
								3910005-038021F	Arsenic	10	ug/L	5/18/2010	4	13	11.42	6
								3910005-040022F	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
								3910005-038021F	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	10.1666667	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

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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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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

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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

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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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	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

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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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								5410003-006	Perchlorate	6	ug/L	8/5/2010	6	8.3	6.94	7
TULARE	Goshen CDP, Patterson Tract CDP, Visalia city	CWS - VISALIA	5410016	100% GW	133749	74	5	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
								5410016-037	Tetrachloroethylene (PCE)	5	ug/L	11/14/2010	97	66.61	39.01	106
TULARE	Pine Flat CDP	PINE FLAT WATER COMPANY	5410034	100% GW	200	4	2	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
								5410034-009	Uranium	20	pCi/L	9/22/2009	5	29.5	15.95	9
TULARE	Porterville city	PORTERVILLE DEVELOPMENTAL CENTER	5410801	100% GW	2567	7	2	5410801-006	Nitrate (as NO3)	45	mg/L	9/29/2009	33	100	54.11	58
								5410801-009	Nitrate (as NO3)	45	mg/L	9/1/2009	114	81	57.99	145
TULARE	Richgrove CDP	RICHGROVE COMMUNITY SERVICES DISTRICT	5410024	100% GW	3330	2	1	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	Yettem 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

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								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