APPENDIX “F”

Three Rivers Community Plan Update

Water Quality

THREE RIVERS COMMUNITY PLAN UPDATE

WATER QUALITY STUDY

DECEMBER 13, 2017

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EXECUTIVE SUMMARY

This study summarizes the geology, hydrology, and groundwater quality characteristics in the Three Rivers Community area as it relates to future onsite wastewater treatment systems. Three Rivers is a rural community located within the Southern Sierra foothills in Tulare County. Approximately 2,182 residents live in the 1,018 households that make up the Three Rivers Community (2010 Census data). The region experiences mild winters and hot, dry summers, with an average annual precipitation of approximately 21.13 inches per year. The Community of Three Rivers sprawls along the several Forks of the Kaweah River, which are fed through rainfall and snow melt from six (6) watersheds upstream (Calwater 2.2.1). The watersheds reach elevations as high as 11,000 feet above sea level and as low as 700 feet according to USGS elevation data.

The majority of fresh drinking water supplied to Three Rivers households and commercial properties is provided through groundwater wells. Inside the Three Rivers Urban Development Boundary there exists 31 active Public Water Systems, which consist of commercial water systems, public water systems, and mutual water companies. All 31 systems are located within the residential areas of Three Rivers, near the forks of the Kaweah River. Groundwater aquifers exist in relatively shallow alluvial deposits and fractured bedrock (DWR 2016). According to area well logs, most wells were drilled to depths between 100 feet and 500 feet below ground, with the remaining wells drilled less than 100 feet (DWR 2016).

Water quality in the Three Rivers area is generally of good quality. The 31 Public Water Systems are required to annually monitor supply wells for a variety of chemical constituents. Higher concentrations of nitrate have been identified along the west side of the study area adjacent to the North Fork of the Kaweah River, as well as approximately ¼ mile south of the convergence of the North Fork and Middle Fork of the Kaweah River. These higher concentrations have been decreasing over the timeline of the study period. Lower nitrate concentrations have been recorded in the north east and south east of the study area. Recent samples for Electrical Conductance, or salts, has only shown one exceedance of the Maximum Contaminant Level (MCL) of 1600 microsiemens (uS) since 2011. No reports of E. Coli or Fecal Coliform were reported during the study period.

Onsite Wastewater Treatment Systems (OWTS) may have significant negative impacts on groundwater quality if not properly located, designed, operated and maintained adequately. This study sets forth a series of guidelines and requirements for the design, construction, and maintenance of future OWTS within the Three Rivers Urban Development Boundary. Guidelines for future systems include, but not limited to, minimum setbacks, system capacities, allowable densities, and depth requirements to protect surface and groundwater quality. Lastly, this study addresses California Environmental Quality Act (CEQA) requirements for future OWTS systems as part of the Three Rivers Community Plan Update.

1.0 INTRODUCTION

This purpose of this study is to summarize the geology, hydrology, and groundwater quality characteristics of the Three Rivers area. The study was performed by 4Creeks Inc. to provide additional information and findings to the County of Tulare in preparation of the Three Rivers Community Plan Update.

1.1 Purpose and Background

This study summarizes existing geologic, hydrologic, and water quality conditions of the Three Rivers area. The objective of which is to determine how existing septic systems may have effected groundwater quality in the area and the potential effects of future developments in the community.

Groundwater is the primary source of drinking water in the Three Rivers area with the majority of residents receiving water from either private wells or public water systems supplied by groundwater wells. Water quality in the area is generally below Maximum Contaminant Levels (MCL's) for salts and nitrates, however, the influence of septic systems has been detected in a few wells. As new septic systems are added to the existing systems, it is advantageous to take precaution to avoid any adverse effects these systems may have on groundwater quality. The groundwater level in the Three Rivers area is generally high, posing a risk of degradation from septic systems in the area.

Septic systems can be hazardous to groundwater through pollution of water quality and leach field malfunction. Groundwater pollution can occur when there is insufficient filtering of effluent through aerated (non-saturated) soils. Leach field malfunction occurs when high groundwater levels overload the leach field or when the sludge produced by anaerobic decomposition clogs the soils and thereby reduces the percolation capacity. Anaerobic decomposition produces toxic substances that remain in the system until they are oxidized by aerobic decomposition to relatively harmless products. Anaerobic decomposition also leaves a black deposit of iron sulfide, an organic material, that can gradually clog the bottom and the walls of a leach line trench and greatly reduces the effective percolation rate. This can result in surfacing effluent create or plumbing back-ups, however, when sufficient air is available, aerobic decomposition will break down the black sludge and restore percolation.

1.2 Scope

The scope of this study summarizes existing groundwater quality data from 31 Public Water Systems (PWS) actively serving the Three Rivers Community from the year 2010 through 2016. Over 1,600 samples were taken by these 31 active PWSs over the time period. The data was organized and analyzed for chemical constituents pertaining to the influence of septic systems on groundwater. Electrical Conductance (EC) and Nitrate Samples (NO_3) from the 31 systems were mapped spatially over the six-year time period to provide a trend analysis of water quality in the Three Rivers community and to identify problem areas.

Analysis of the effect that existing septic systems are having on groundwater quality was conducted for the study area. Water quality data from each public water system of the study area was used to identify problematic systems. From this study, design specifications for new systems are included in this study.

2.0 BACKGROUND AND SETTING

2.1 Regional Location

The Three Rivers community is located in Tulare County within the Southern Sierra foothills, west of Sequoia National forest and east of Lake Kaweah along the Kaweah River **See Attachment A - Regional Location**. The community lies within the Southern Sierra IRWM Region and the Kaweah River Watershed at the junction of the North Fork, Middle Fork, and South Fork Kaweah River.

2.2 Study Area

The water quality study focuses on the area within the Three Rivers Urban Development Boundary covering approximately 8 square miles **See Attachment B - Three Rivers Land Use Community Plan Update**. The valley floor ranges in elevation from 650 to 1,400 feet, with generally broad valley flat land in the southern half of the area, with a relatively narrow, V-shaped valley along the middle Fork from Salt Creek north past the boundary of Sequoia National Park. The ridges adjacent to the main valley rise steeply to 3,000 feet elevation and higher.

According to the 2010 census data, the Three Rivers community has a population of 2,182 persons living in 1,018 households. The population is served primarily by groundwater wells for drinking water with local surface water and springs providing the remainder of water for other uses. The majority of drinking water supply for the community is derived from wells in the fractured granitic bedrock. Groundwater in these wells is a blend of high quality surface water and variable quality groundwater flowing through the rock fractures.

2.3 Climate

The Three Rivers region experiences mild winters and hot, dry summers. The majority of the precipitation occurs between November and May each year, with snow melt from higher elevations occurring in the months of April through June. From May through November, the region generally experiences dry summers when little rain occurs.

There are three precipitation stations near the Three Rivers community, maintained and data recorded by the Department of Water Resources (DWR). See **Attachment C – Precipitation Stations** for locations and yearly average precipitation at each station. Three Rivers receives an average annual rainfall of 21.13 inches. The average yearly temperature is approximately 63°F, with a summer average of 77°F and a winter average of 52°F.

2.4 Geologic Conditions

Geology

The underlying geology of Three Rivers area consists of igneous and metamorphic bedrock that is overlain by various types of alluvium on many of the gentler valley slopes. Depth to bedrock in the area is highly variable, ranging from zero ft. in areas of bedrock outcrops to over 70 feet where thick alluvial fan deposits overlie a former stream bed channel. The irregularity in depth is due to the configuration of the bedrock surface combined with relatively thin alluvial deposits with the upper surface at varying elevations (SAI Water Resources Division, 1978).

Alluvial deposits in Three Rivers area represent two major depositional regimes; old deposits of former high river strands, mostly likely formed during the ice age, and intermediate to younger deposits formed during modern era high flows and major floods. Alluvial deposits range from silts to boulder conglomerates. The older alluvial deposits have undergone consolidation and compaction processes which reduce the pore space available for water migration. In – Place weathering of these deposits has also increased the clay content which reduces percolation rates compared to boulder conglomerates with greater pore space (SAI Water Resources Division, 1978).

Soils

There are 35 soil types present in the Three Rivers Planning Area **See Attachment D - Soils Map**. The majority of the soils in the Three Rivers area are Loam, Sandy Loam, and Rock Outcrops.

2.5 Hydrogeological Background

The community of Three Rivers is situated along several forks of the Kaweah River which are served from 6 watersheds **(See Attachment E – Watersheds).** The 6 watersheds within the region are identified as the sources of drinking water supply for the Three Rivers community. These watersheds range in size from 32.7 sq. miles to 78.8 sq. mi., and in elevation from 700 feet to 11,000 feet above sea level, according to USGS elevation maps.

There are two aquifers present within the Three Rivers Urban Development Boundary; a small, shallow alluvial aquifer along the path of the forks of the Kaweah River, and a second aquifer confined in the voids of fractured bedrock (SAI Water Resources Division, 1978).

2.6 Hydrology

Groundwater Aquifers

In the shallow alluvial aquifer, groundwater occupies the pore space between sediment grains. The size of these sediment grains regulates the rate of groundwater migration in alluvial deposits as well as the degree to which these grains are interconnected. Sand and gravel deposits allow for a rapid migration of groundwater (several 100 feet per day) as opposed to silt and clay deposits which allows for a slow conduction of groundwater (SAI Water Resources Division, 1978).

In the fractured bedrock aquifer, groundwater occupies the cracks, fractures, and solution cavities that cross the bedrock at all angles. The rate of water movement through this aquifer depends on the size and spacing of fractures and the hydrologic gradient or slope of water in the fractures. Movement of water further depends on the interconnection of fractures along with their direction for migration through the bedrock aquifers (SAI Water Resources Division, 1978).

Perched Groundwater

Perched groundwater occurs where the downward migration of surface water is interrupted by a geologic layer or unit with a slow percolation rate. This often occurs in geologic settings where clay is the predominate layer in sandy or silty deposits, where young, porous alluvial deposits overlie older, slower draining deposits, or where bedrock or bedrock soils underlie fast draining

deposits. Perched groundwater can move laterally along an impermeable layer and can be one means for near-surface water pollution to migrate. In the Three Rivers area, the most common occurrence of perched groundwater is at the base of alluvial deposits or bedrock soils where percolation rates are slowed significantly when met with solid bedrock (SAI Water Resources Division, 1978).

Groundwater Flow

Under natural conditions, groundwater flow in the study area is generally downslope or downstream, especially in the alluvial deposits. Flow in the fractured bedrock aquifer is more irregular due to the distribution and orientation of fractures, making it difficult to predict. During unnatural conditions, when wells are actively pumping from the aquifer, the natural flow is disturbed as pumping wells create depressions in the aquifer water table surrounding the well. This effect pulls in the surrounding groundwater towards the well and creates new flow patterns within the aquifer (SAI Water Resources Division, 1978).

Groundwater Depth

Depth to groundwater in the Three Rivers area is generally very shallow as the groundwater elevations in the area is comparatively high. Well logs from known wells in the area show that most wells were drilled to depths 100 to 500 feet, with the remaining wells drilled at less than 100 feet (California Department of Water Resources, 2016).

3.0 WATER SYSTEMS

A water system consists of the source of the water and all the components necessary to convey water for use. These systems will vary in size, scope, and scale depending on the location and demand, or populous served. The Three Rivers community does not have a public water system that serves all residents, instead water is provided by a variety of entities. A study of public water systems in the Three Rivers area by Tulare County show 31 active public water systems that provide water to the community **See Table 1 - Three Rivers Public Water Systems**.

Table 1 - Three Rivers Public Water Systems

Public Water Systems							
System Number	System Name	Status	Population Served	Connection	City	State	County
5400623	BEST WESTERN - HOLIDAY LODGE	Active	100	54	THREE RIVERS	CA	TULARE
5400637	BUCKEYE TREE LODGE	Active	35	3	THREE RIVERS	CA	TULARE
5403062	COMFORT INN & SUITES	Active	125	1	THREE RIVERS	CA	TULARE
5401026	DEER MEADOW MUTUAL	Active	75	22	THREE RIVERS	CA	TULARE
5400744	EAST THREE RIVERS MUTUAL	Active	28	19	THREE RIVERS	CA	TULARE
5400749	GATEWAY RESTAURANT	Active	150	3	THREE RIVERS	CA	TULARE
5400968	IMPROVEMENT DIST #1	Active	200	77	THREE RIVERS	CA	TULARE
5400750	KAWEAH PARK RESORT	Active	246	22	THREE RIVERS	CA	TULARE
5400761	LAKE ELOWIN RESORT	Active	40	12	THREE RIVERS	CA	TULARE
5403001	LOWER SPRINGS WATER CO	Active	50	3	THREE RIVERS	CA	TULARE
5400506	NORTH KAWEAH MUTUAL WATER CO	Active	75	35	THREE RIVERS	CA	TULARE
5400887	PARK INVESTMENTS	Active	100	5	THREE RIVERS	CA	TULARE
5400556	RIVER RETREAT MUTUAL	Active	100	21	THREE RIVERS	CA	TULARE
5403061	RIVERVIEW RESTAURANT	Active	50	1	THREE RIVERS	CA	TULARE
5401001	SEQUOIA CIDER MILL	Active	30	3	THREE RIVERS	CA	TULARE
5400743	SEQUOIA MOTEL IN THREE RIVERS	Active	75	26	THREE RIVERS	CA	TULARE
5400629	SEQUOIA RV RANCH	Active	22	57	THREE RIVERS	CA	TULARE
5400644	SEQUOIA VILLAGE INN	Active	35	8	THREE RIVERS	CA	TULARE
5400940	SIERRA KING HOMEOWNERS ASSN	Active	120	40	THREE RIVERS	CA	TULARE
5400747	SIERRA LODGE	Active	52	3	THREE RIVERS	CA	TULARE
5400754	SO KAWEAH MUTUAL WATER CO	Active	300	105	THREE RIVERS	CA	TULARE
5403113	SOUTH FORK ESTATES MUTUAL WATER CO	Active	375	103	THREE RIVERS	CA	TULARE
5400737	ST ANTHONY RETREAT	Active	130	3	THREE RIVERS	CA	TULARE
5403071	THREE RIVERS CHEVRON	Active	50	1	THREE RIVERS	CA	TULARE
5400751	THREE RIVERS HIDEAWAY	Active	50	14	THREE RIVERS	CA	TULARE
5402037	THREE RIVERS LIBRARY	Active	80	1	THREE RIVERS	CA	TULARE
5403014	THREE RIVERS LIONS CLUB	Active	100	3	THREE RIVERS	CA	TULARE
5400704	THREE RIVERS SCHOOL	Active	300	1	THREE RIVERS	CA	TULARE
5400838	THREE RIVERS VILLAGE	Active	25	9	THREE RIVERS	CA	TULARE
5400875	VILLAGE APARTMENTS	Active	32	16	THREE RIVERS	CA	TULARE
5400907	WHITE HORSE INN	Active	200	3	THREE RIVERS	CA	TULARE

*Data provided by County of Tulare Resource Management Agency, August, 2016

3.1 Individual Water Supply System

An individual water supply system refers to a private water systems of individual residents generally consisting of one well. Water quality data from these wells was not readily available and therefore was not included in these water quality analyses.

3.2 Public Drinking Water Supply Systems

There are 31 active public water systems within the Three Rivers community area according to data from the Tulare County Resource Management Agency. These systems include a variety of entities such as commercial water systems, public water systems, and mutual water companies. All water systems are located in residential areas of the Three Rivers community and the majority are in close proximity to the Forks of the Kaweah River. **(See Attachment F - Three Rivers Public Water Systems)**

4.0 WATER QUALITY

Groundwater in wells is a blend of high-quality surface water and variable-quality groundwater flowing through rock fractures. Water quality varies from high-quality water with a very low mineral content to a few wells containing notably elevated dissolved minerals, such as sulfur or hydrogen sulfide. Groundwater with high levels of these dissolved minerals is related to the underlying bedrock type of the well, typically metamorphic rock. (Department of Water Resources, 2016).

To identify groundwater quality issues that may pertain to problematic septic systems in Three Rivers area, constituent sampling data from Public Water Systems (PWSs) was organized by year and constituent type, with particular significance for Nitrates, E. Coli, Salts (Electrical Conductivity), and Fecal Coliform. A total of fifty-seven (57) total Public Water Systems were identified in the Three Rivers area, with 31 of those systems determined to be active. The remaining systems contained incomplete record data or were inactive. Publicly available Consumer Confidence Reports and State Water Resources Control Board (SWRCB) water quality data were collected and summarized for the 31 active Public Water Systems in the Three Rivers Community. The data in its entirety is provided in **Appendix – A Three Rivers Public Water Systems – Sampling Data.**

Water quality data from the SWRCB and consumer confidence reports is summarized in **Table 2 - Public Water System – Annual Maximum level of Nitrate** and **Table 3 - Public Water Systems – Annual Maximum Lever of Electrical Conductance**. This data was then mapped spatially and is shown in **Attachments G through K - Three Rivers Planning Area Nitrates and Attachments L through Q - Three Rivers Planning Area Electrical Conductance**. From the queried data, Public Water System entities reported no violations or detections of E. Coli for Fecal Coliform during the years. All water quality data presented in this study were obtained through publicly available data as provided by the California State Water Resources Control Board Water Quality Analysis Database.

Table 2 - Public Water Systems – Annual Maximum Nitrate Level

Public Water Systems						
System Number	System Name	Nitrate Samples (mg/L – 45 mg/L MCL)				
		2011	2012	2013	2014	2015
5400623	BEST WESTERN - HOLIDAY LODGE	0.0	0.0		0.0	
5400637	BUCKEYE TREE LODGE	0.4	0.4	0.5	0.8	0.5
5403062	COMFORT INN & SUITES	25.0	20.0	12.0	8.5	
5401026	DEER MEADOW MUTUAL	0.4	0.4	0.4	0.4	0.4
5400749	GATEWAY RESTAURANT		0.4	0.4	0.6	0.7
5400968	IMPROVEMENT DIST #1	0.7	12.2	6.7	9.9	
5400750	KAWEAH PARK RESORT					5.0
5400761	LAKE ELOWIN RESORT	0.4	0.4	0.4	0.4	
5403001	LOWER SPRINGS WATER CO	18.0	20.0	21.0	21.0	
5400506	NORTH KAWEAH MUTUAL WATER CO	0.4	ns		1.3	
5400887	PARK INVESTMENTS	17.8	19.8	20.3	18.3	17.1
5400556	RIVER RETREAT MUTUAL					0.4
5403061	RIVERVIEW RESTAURANT		2.0	5.8		1.3
5401001	SEQUOIA CIDER MILL	0.0			0.0	0.0
5400743	SEQUOIA MOTEL IN THREE RIVERS					3.3
5400629	SEQUOIA RV RANCH	40.3	36.5	26.8	26.1	
5400644	SEQUOIA VILLAGE INN		0.4			2.0
5400940	SIERRA KING HOMEOWNERS ASSN	7.4	4.7	3.8	1.8	3.1
5400747	SIERRA LODGE	0.4	0.6		0.4	0.9
5400754	SO KAWEAH MUTUAL WATER CO	12.4	0.9	10.9	9.7	9.8
5403113	SOUTH FORK ESTATES MUTUAL WATER CO	27.3	21.1	17.5	14.3	17.0
5400737	ST ANTHONY RETREAT		6.1		5.5	
5403071	THREE RIVERS CHEVRON	29.0	30.0	26.0	29.0	29.0
5400751	THREE RIVERS HIDEAWAY	0.0			0.0	
5402037	THREE RIVERS LIBRARY	22.0	18.3	15.0		9.5
5403014	THREE RIVERS LIONS CLUB	10.0	11.6	15.8	16.7	17.5
5400704	THREE RIVERS SCHOOL	34.0		30.1	22.0	25.9
5400838	THREE RIVERS VILLAGE	3.3	2.7	5.9		5.0
5400875	VILLAGE APARTMENTS		14.2	7.9		16.2
5400907	WHITE HORSE INN	28.0	23.0	12.0	25.0	
5400744	EAST THREE RIVERS MUTUAL			12.5		

*Data from California State Water Resources Control Board Water Quality Analyses Database
**blank cells indicate no sample available

Table 3 – Annual Maximum Level of Electrical Conductance

Public Water Systems			
Electrical Conductance (EC) – 1,600 uS MCL			
System Name	System Number	EC (mhos)	Year
IMPROVEMENT DIST #1	5400968	1490	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	100	2011
RIVER RETREAT MUTUAL	5400556	1100	2011
SIERRA KING HOMEOWNERS ASSN	5400940	380	2011
SO KAWEAH MUTUAL WATER CO	5400754	671	2011
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	560	2012
RIVER RETREAT MUTUAL	5400556	1600	2013
EAST THREE RIVERS MUTUAL	5400744	765	2013
SIERRA KING HOMEOWNERS ASSN	5400940	336	2013
SO KAWEAH MUTUAL WATER CO	5400754	616	2013
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	560	2014
IMPROVEMENT DIST #1	5400968	502	2014
SIERRA KING HOMEOWNERS ASSN	5400940	381	2014
SO KAWEAH MUTUAL WATER CO	5400754	816	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	557	2015
IMPROVEMENT DIST #1	5400968	480	2015
THREE RIVERS LIBRARY	5402037	380	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	580	2016
IMPROVEMENT DIST #1	5400968	434	2016
SO KAWEAH MUTUAL WATER CO	5400754	757	2016

*Data from California State Water Resources Control Board Water Quality Analyses Database
**Table reflects all available measurement records for the Three Rivers Area from this source, records were not present for systems not listed

The resulting analysis of water quality data from the PWSs in Three Rivers show nitrate levels are highest adjacent to the North Fork of the Kaweah River near the northwest portion of the study area, centering towards the Sequoia RV Ranch water system. However, the nitrate level in the Three Rivers area has been decreasing since 2011. For example, where the maximum nitrate in the Sequoia RV Ranch system was recorded at 40.3 mg/L in 2011, the level had fallen to 26.1 mg/L in 2014.

The analysis of electrical conductance data for the Three Rivers area shows only one Maximum Contaminant Level (MCL) exceedance during the 5-year study period, occurring in 2013 at the River Retreat Mutual water system.

5.0 WATER TREATMENT SYSTEMS

The Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems (Policy), completed by the State Water Resources Control Board in 2012, provides guidelines for the protection of water quality and public health with the continued use of onsite wastewater treatment systems (OWTS). The policy is structured into five Tiers to protect water quality for both new and existing systems.

Existing Onsite Wastewater Treatment Systems

Existing onsite wastewater treatment systems that are properly functioning and do not meet the conditions of failing systems or otherwise require corrective action fall into Tier 0 and are waived of discharge requirements if they meet the following requirements:

- Have a projected flow of 10,000 gallons per day or less;
- Receive only domestic wastewater from residential or commercial buildings, or high-strength wastewater from commercial food service buildings that do not exceed 900 mg/L BOD and has a properly sized and functioning oil/grease interceptor (a.k.a grease trap);
- Continue to comply with any previously imposed permitting conditions;
- Do not require supplemental treatment under Tier 3;
- Do not require corrective action under Tier 4;
- Do not consist of a cesspool as a means of wastewater disposal;

Any existing system will remain in Tier 0 so long as it conforms with the above requirements. Any systems not deemed to be in compliance with these standards may be denied coverage by the Regional Water Board or local agency and further corrective action may be required (State Water Resources Control Board, 2013).

Future Onsite Wastewater Treatment Systems

New onsite wastewater treatment systems in the Three River Community will be subject to Tier 1 – Low Risk New or Replacement OWTS requirements. Per Attachment 2 of the Policy, the Three Rivers Community is not located near any bodies of water deemed “impaired” by the SWRCB, therefore Tier 3 regulations will not apply.

New and Replacement OWTS sites require a qualified professional to perform site evaluations for soil depth, highest anticipated groundwater levels within the dispersal field, percolation tests, and proper permits through the respective permitting agencies. A licensed General Engineering Contractor (Class A), General Building Contractor (Class B), Sanitation System Contractor (Specialty Class C-42), or Plumbing Contractor (Specialty Class C-36) shall install all new and replacement systems in accordance with California Business and Professions Code Sections 7056, 7057, and 7058 and Article 3, Division 8, Title 16 of the California Code of Regulations. A property owner may also install his/her own OWTS if the as-built diagram and the installation are inspected and approved by the Regional Water Board or the responsible local agency, while the OWTS is exposed for inspection (prior to covering with soil) (State Water Resources Control Board, 2013).

Tier 1 Low Risk New or Replacement OWTS also requires the following:

- 5 feet minimum setback from parcel property lines and structures
- 100 feet minimum setback from water wells and monitoring wells
- 100 feet minimum setback from any unstable land mass or areas subject to earth slides
- 100 feet minimum setback from springs and flowing surface water bodies
- 200 feet minimum setback from vernal pools, wetlands, and the high water mark of lakes and reservoirs
- 150 feet minimum setback from public water wells where the depth of effluent dispersal system does not exceed 10 feet.
- Percolation test results shall not exhibit a flow rate greater than one minute per inch (1 MPI) or slower than one hundred twenty minutes per inch (120 MPI) in the effluent disposal area.
- Natural ground slope in all areas used for effluent disposal shall not exceed 25 percent.
- Expected influent flow not to exceed 3,500 gallons per day.
- Minimum twelve inches (12”) soil cover on all gravity dispersal systems.
- Minimum six inches (6”) soil cover on all pressure distribution systems.
- 100% replacement area available for future use.
- Dispersal systems shall not exceed 10 feet as measured from the ground surface to the bottom of the trench.

A New or Replacement OWTS under Tier 1 shall not exceed the allowable density values for a single-family dwelling unit. These density values are summarized in **Table 4 – Allowable Average Densities per Subdivision under Tier 1** below.

Table 4 – Allowable Average Densities per Subdivision Under Tier 1

Allowable Average Densities per Subdivision Under Tier 1	
Average Annual Rainfall (inches/year)	**Allowable Density (acres/single family dwelling unit)**
0 - 15	2.5
>15 - 20	2
>20 - 25	1.5
>25 - 35	1
>35 - 40	0.75
>40	0.5

*Source: Water Quality Policy for Siting, Design, Operation, and Maintenance of Onsite Water Treatment Systems, May 13, 2013 - State Water Resources Control Board

According to **Attachment C – Precipitation Stations**, Three Rivers receives between 17 inches and 21 inches of average annual rainfall, depending on specific site location. Site specific analyses will need to be conducted prior to determining allowable density for each system location.

During the site evaluation for each new or replacement system, a percolation test and highest anticipated depth to groundwater must be conducted. Based on the determined percolation rate, the minimum depth of groundwater below the bottom of the leaching trench, and the native soil depth immediately below the leaching trench, shall not be less than described in **Table 5 – Tier 1 Minimum Depths to Groundwater and Minimum Soil Depth from the Bottom of the Dispersal System** below.

Table 5 – Tier 1 Minimum Depths to Groundwater and Minimum Soil Depth from Bottom of Dispersal System

Tier 1 Minimum Depths to Groundwater and Minimum Soil Depth from Bottom of Dispersal System	
Percolation Rate (minutes/inch)	**Minimum Depth (feet)**
≤1.0	Requires Tier 2 Local Agency Management Plan
>1.0 and ≤ 5.0	20
>5.0 and ≤ 30	8
>30 and ≤ 120	5
>120	Requires Tier 2 Local Agency Management Plan

*Source: Water Quality Policy for Siting, Design, Operation, and Maintenance of Onsite Water Treatment Systems, May 13, 2013 - State Water Resources Control Board

Onsite Wastewater Treatment Systems that do not meet the Tier 1 regulations as described above and in the Policy provided by SWRCB shall be required to implement Tier 2 requirements, which involves a management program submitted by a local agency. The OWTS must be installed and managed per the requirements of the approved management program. The Local Agency Management Programs may include standards that differ from Tier 1 requirements, such as seepage pits. Local Agency Management Programs must be developed individually on a site by site basis and approved by the Regional Water Board or other authorized local agency.

6.0 ENVIRONMENTAL IMPACTS

Based upon the water quality study for future development of the Three Rivers Community area, the California Environmental Quality Act (CEQA) environmental checklist was evaluated for items pertaining to water quality impacts with future development as follows:

Section VIII: Hydrology and Water Quality

a) Violate any water quality standards or waste discharge requirements?
Less than Significant Impact. Tier 1 onsite wastewater treatment systems (OWTS) require minimum setbacks and construction standards as set forth by the SWRCB Policy. Similarly, by implementing the Tier 1 Average Densities per Subdivision guidelines (**Table 4**), water quality or waste discharge requirement impacts would be less than significant.

b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level?
Less than Significant Impact. Onsite wastewater treatment systems present less than significant impacts with the installation of septic systems that meet all applicable standards.

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?
Less than Significant Impact. OWTS must be located underground and outside minimum setbacks from streams or rivers per SWRCB Policy, resulting in less than significant impacts to erosion or siltation on- or off-site.

d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which results in flooding on- or off-site?
No Impact. OWTS must be located underground and outside minimum setbacks from streams or rivers per SWRCB Policy, resulting in no impact to surface runoff resulting in flooding on- or off-site.

e) Create or contribute runoff water which exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?
No Impact. OWTS must be located underground and shall not exceed site specific soil percolation rates per SWRCB Policy. Systems pose no impact to runoff.

f) Otherwise substantially degrade water quality?
No Impact. Tier 1 OWTS require minimum setbacks and construction standards as set forth by the SWRCB Policy. Similarly, by implementing the Tier 1 Average Densities per Subdivision guidelines (**Table 4**), no impact would occur to degrade water quality.

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?
No Impact. OWTS have no impact on flood zone boundaries or water courses.

h) Place within a 100-year flood hazard area structures which would impede or redirect flows?
No Impact. OWTS must be located underground and outside minimum setbacks from streams or rivers per SWRCB Policy. Systems have no impact on flood water flows.

i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?
No Impact. OWTS have no effect on levees or dams. Systems must be located outside minimum setbacks from streams or rivers, including levees or dams, per SWRCB Policy.

j) Inundation by seiche, tsunami, or mudflow?
No Impact. OWTS must be located underground and outside minimum setbacks from streams or rivers per SWRCB Policy.

Section XVI: Utilities and Service Systems

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?
No Impact. All future systems are subject to the Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems (Policy), produced by the State Water Resources Control Board, which is the governing body of Regional Water Quality Control Boards.

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.
Less than Significant with Mitigation. The SWRCB Policy sets forth the standards required to mitigate significant environmental effects. The Policy shall be strictly adhered to during selection and construction of onsite wastewater treatment systems to pose less than significant impacts.

c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?
No Impact. Future OWTS shall have no impact on stormwater drainage facilities.

d) Have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed?
No Impact. Future OWTS shall not require water supplies specifically for system Operation, thereby having no impact on water supplies.

e) Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments?
No Impact. The Three Rivers Community is not served by a wastewater treatment provider, which requires the need of OWTS for future developments. Therefore, no impacts are present.

f) Be served by a landfill with sufficient permitted capacity to accommodate the Project's solid waste disposal needs?
No Impact. Per the SWRCB Policy, systems shall be designed and sized with sufficient capacity as to not require solid waste disposal. Similarly, all leach fields associated with future systems shall include a 100% replacement area. Systems have no impact on landfills.

g) Comply with federal, state, and local statutes and regulations related to solid waste?
No Impact. All future OWTS to comply with State and Regional Water Board Policy regarding siting, design, operation, and maintenance.

7.0 REFERENCES

California Department of Water Resources, Online Data from Sampling Stations (ASM, 3RV, LMC)
http://cdec.water.ca.gov/selectQuery.html

California Interagency Watershed Map of 1999 (Calwater 2.2.1)

California State Water Resources Control Board, Division of Drinking Water Programs, Water Quality Analyses Database. Laboratory Reports.
http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/EDTlibrary.shtml

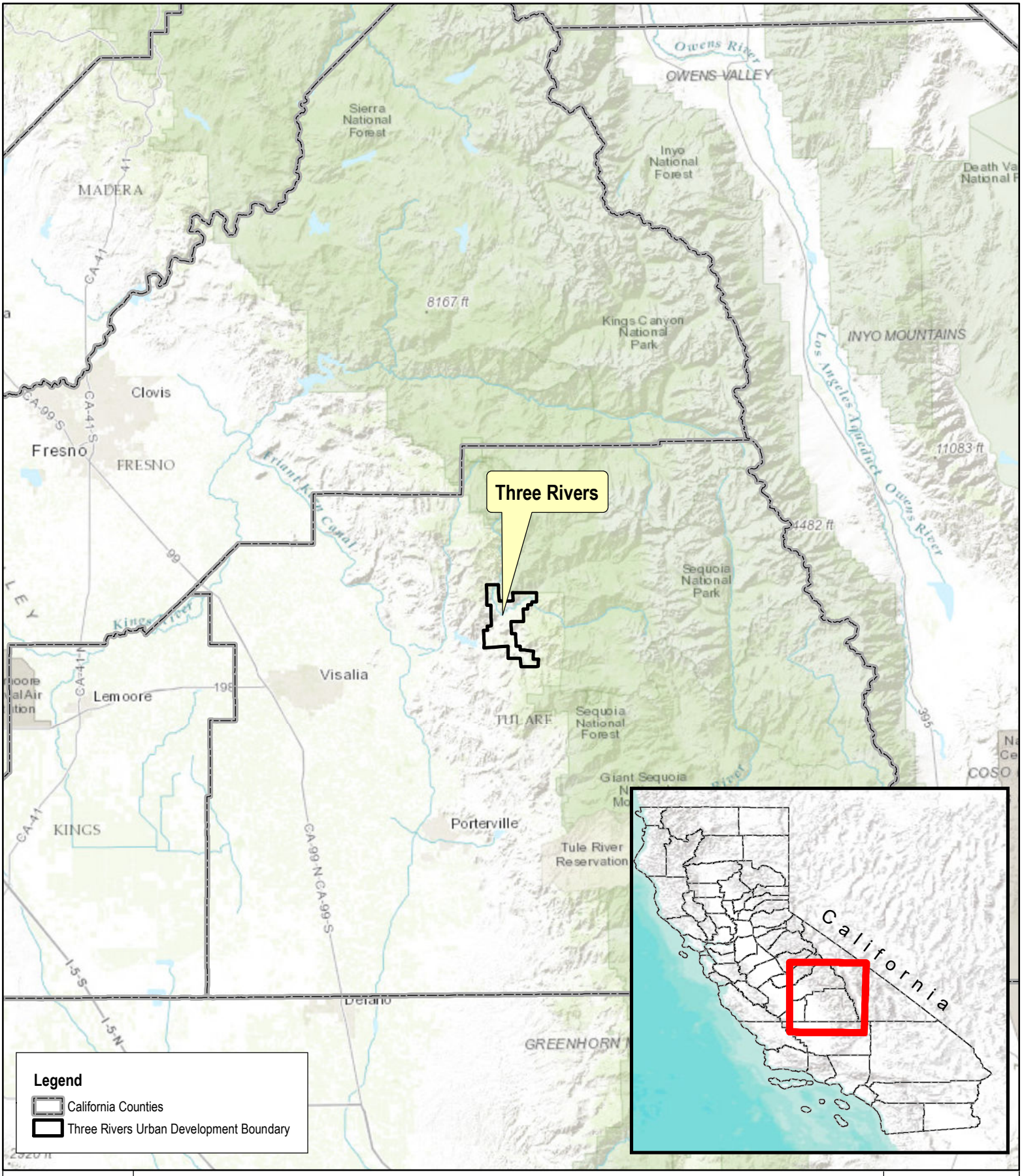
“Geology, Hydrology, Quality of Water, and Water Supply of the Three Rivers Area, California”, 2016 – State of California Department of Water Resources, Division of Integrated Regional Water Management South Central Regional Office.

“Three Rivers Special Study”, December 1977 – Meyer, Merriam and Associates, Inc., Envicom Corporation, and Coastal Valley Engineering.

“Three Rivers Community Services District – Amended Project Report”, October 1978 – SAI Water Resources Division.

U.S. Census Bureau. 2010. Census Interactive Population Search for Three Rivers CDP
http://www.census.gov/2010census/popmap/ipmtext.php?fl=06

“Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Water Treatment Systems”, May 13, 2013 – State Water Resources Control Board.



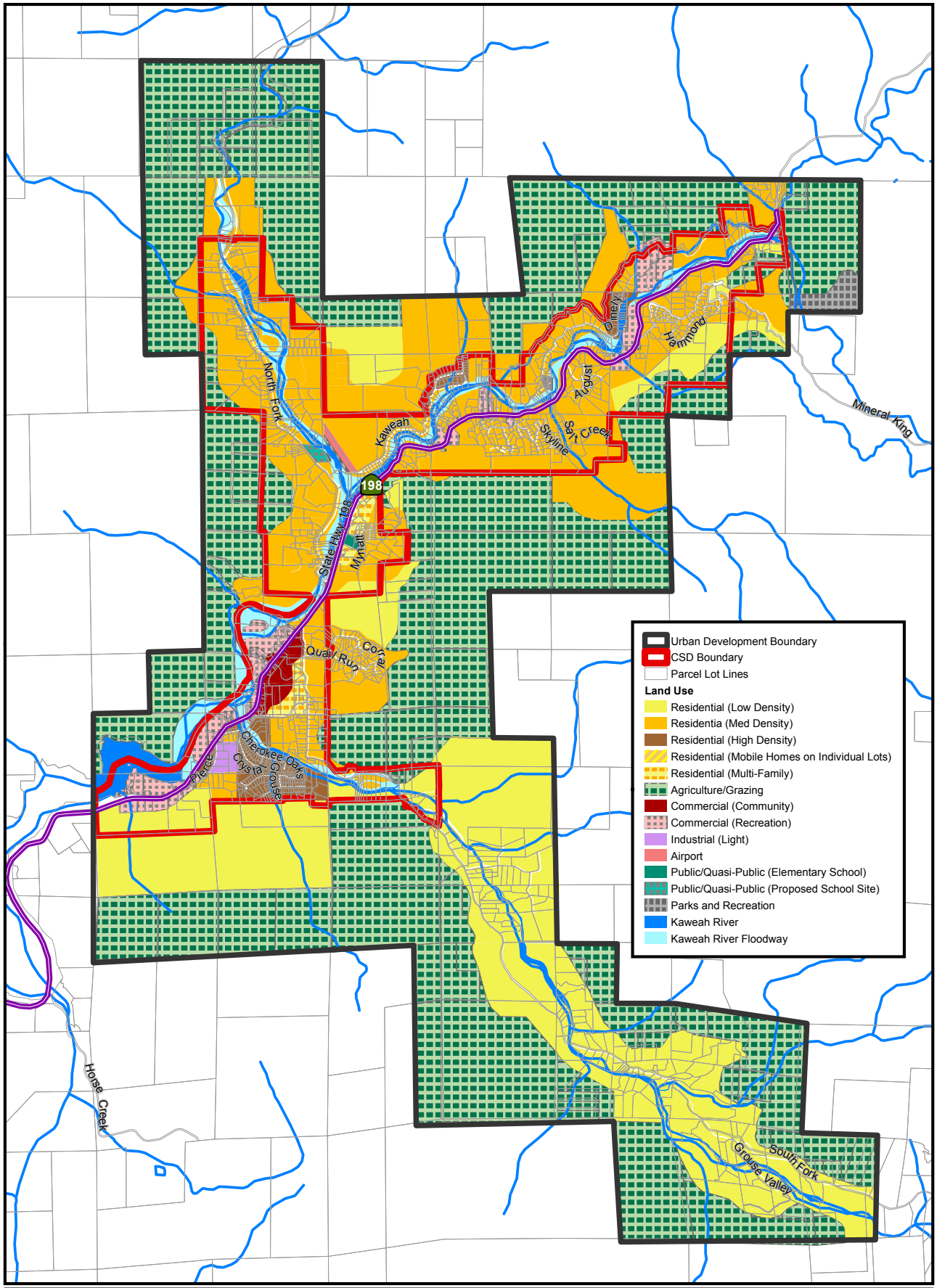
THREE RIVERS PLANNING AREA
Regional Location

4CREEKS

Attachment A

N

1 in = 15 miles



Three Rivers Land Use Community Plan Update

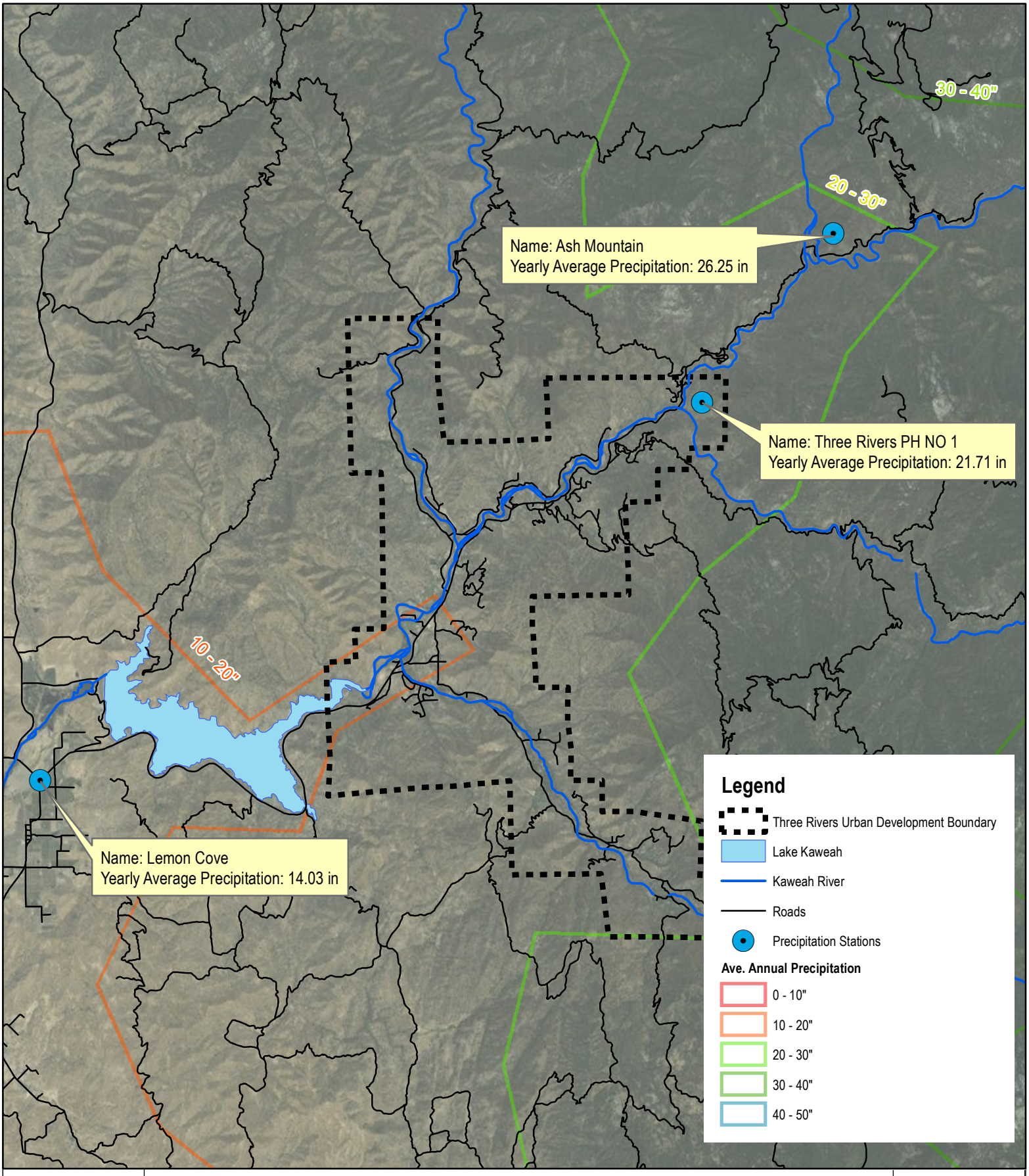
Tulare County Resource Management Agency

Three Rivers Community Plan

Adopted

Attachment B

Document Path: J:\Shared_Projects\Drive_P_General_Plan\^CommPlans\Three Rivers\Three_Rivers_Adoptedlanduse.mxd



THREE RIVERS PLANNING AREA
Precipitation Stations

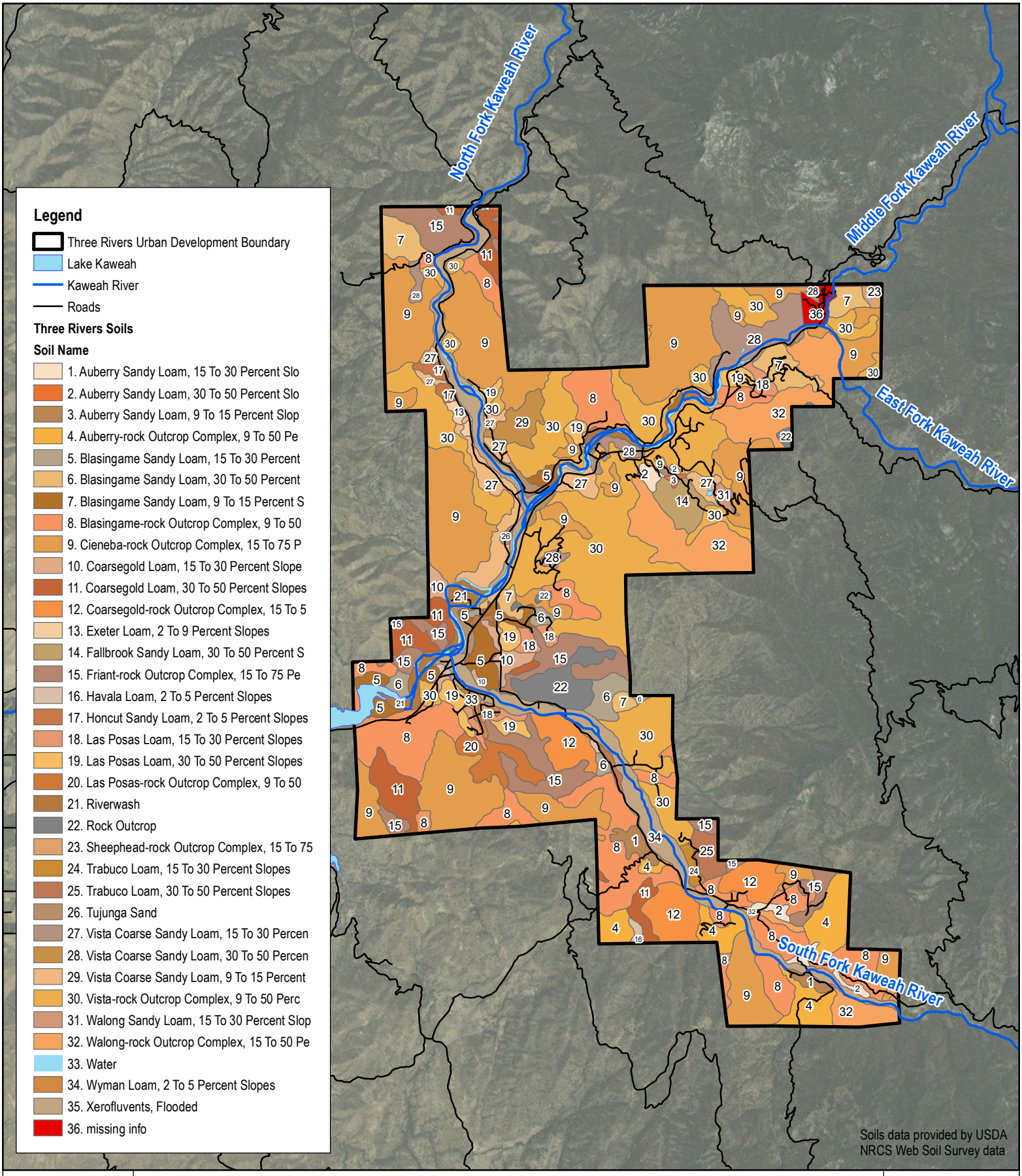
4CREEKS

Attachment C

Average Annual Precipitation
for State of California
normalized for 30 year period
(1981 - 2010)
Source: PRISM Climate Group

N

1 in = 2 miles



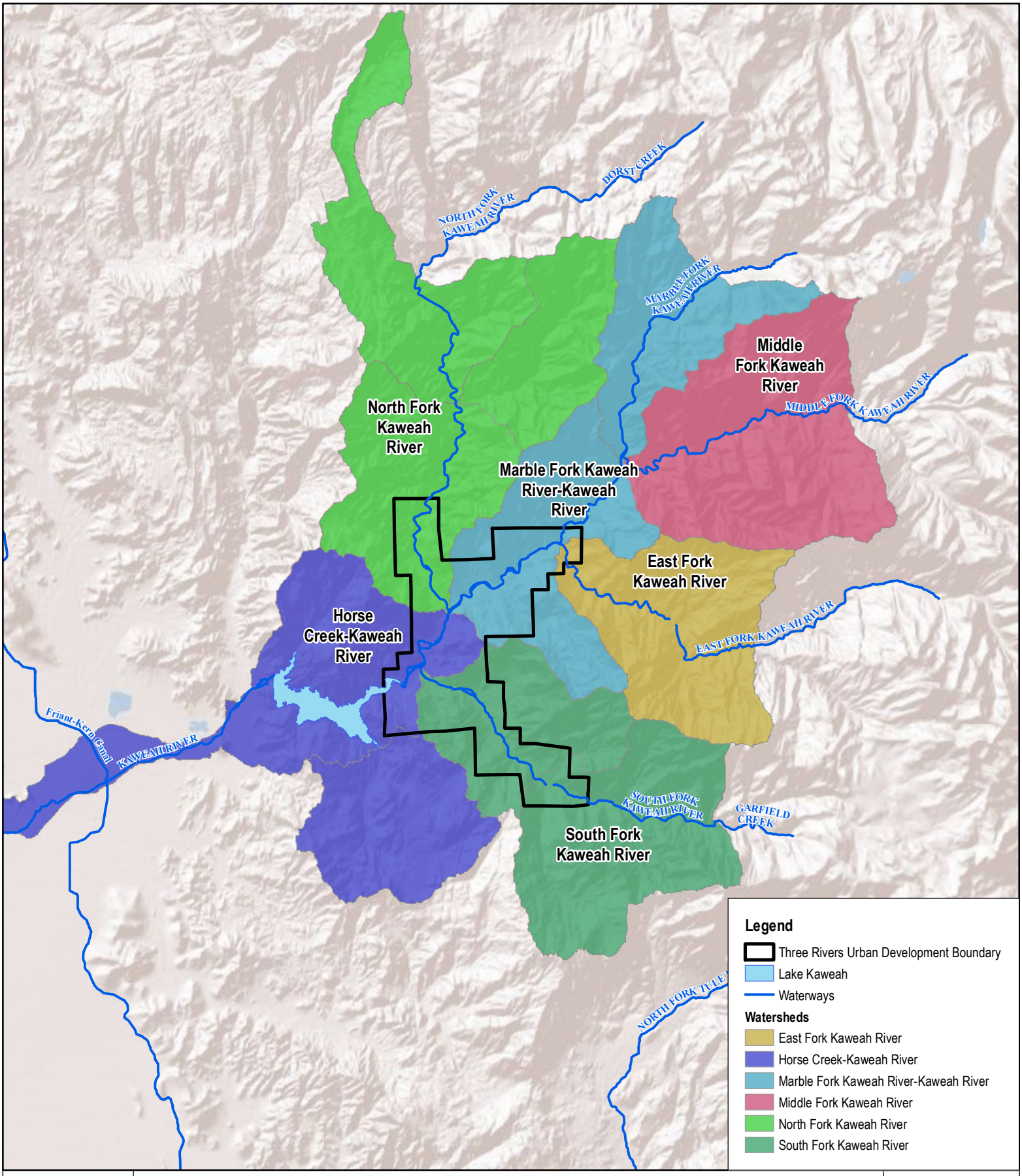
THREE RIVERS PLANNING AREA
Soils Map

4CREEKS

Attachment D

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Watersheds

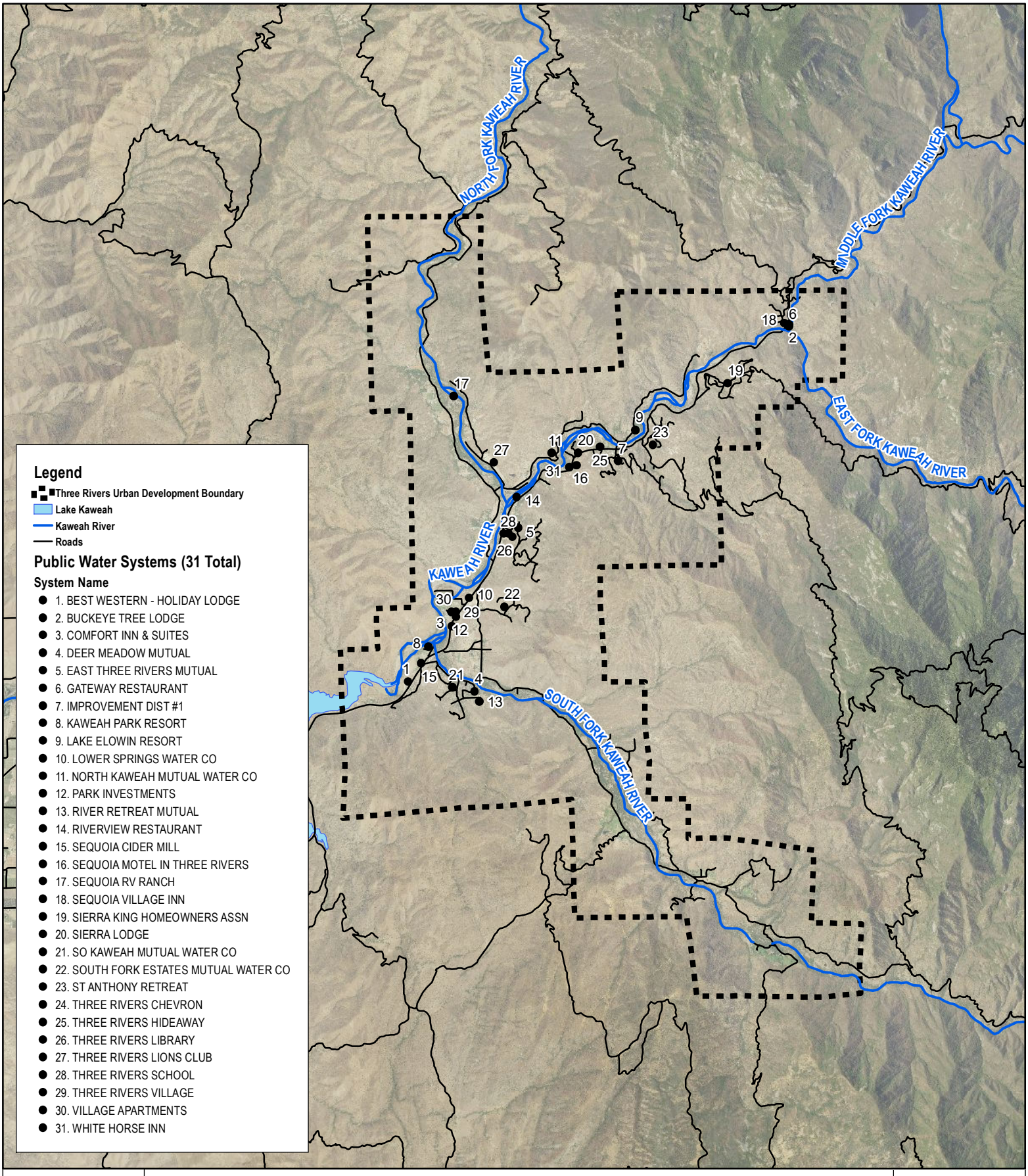
4CREEKS

Attachment E

References: Calwater 2.2.1
California Interagency Watershed Map of 1999
California Interagency Watershed Mapping Committee

N

1 in = 4 miles



THREE RIVERS PLANNING AREA
Public Water Systems

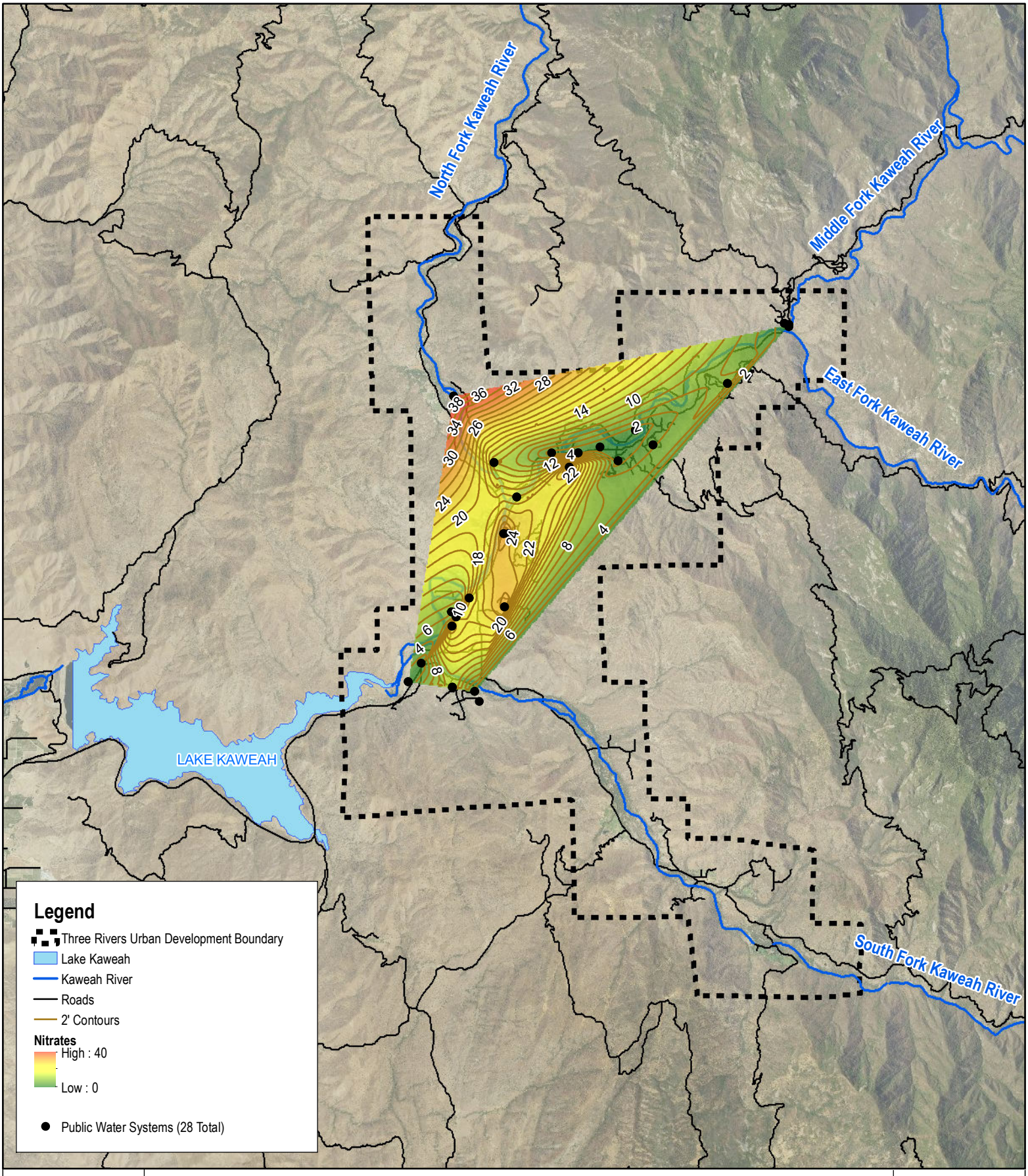
4CREEKS

Attachment F

Public Water System Data and locations as provide by County of Tualre Resource Management Agency

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Nitrate Isopleth Map
2011

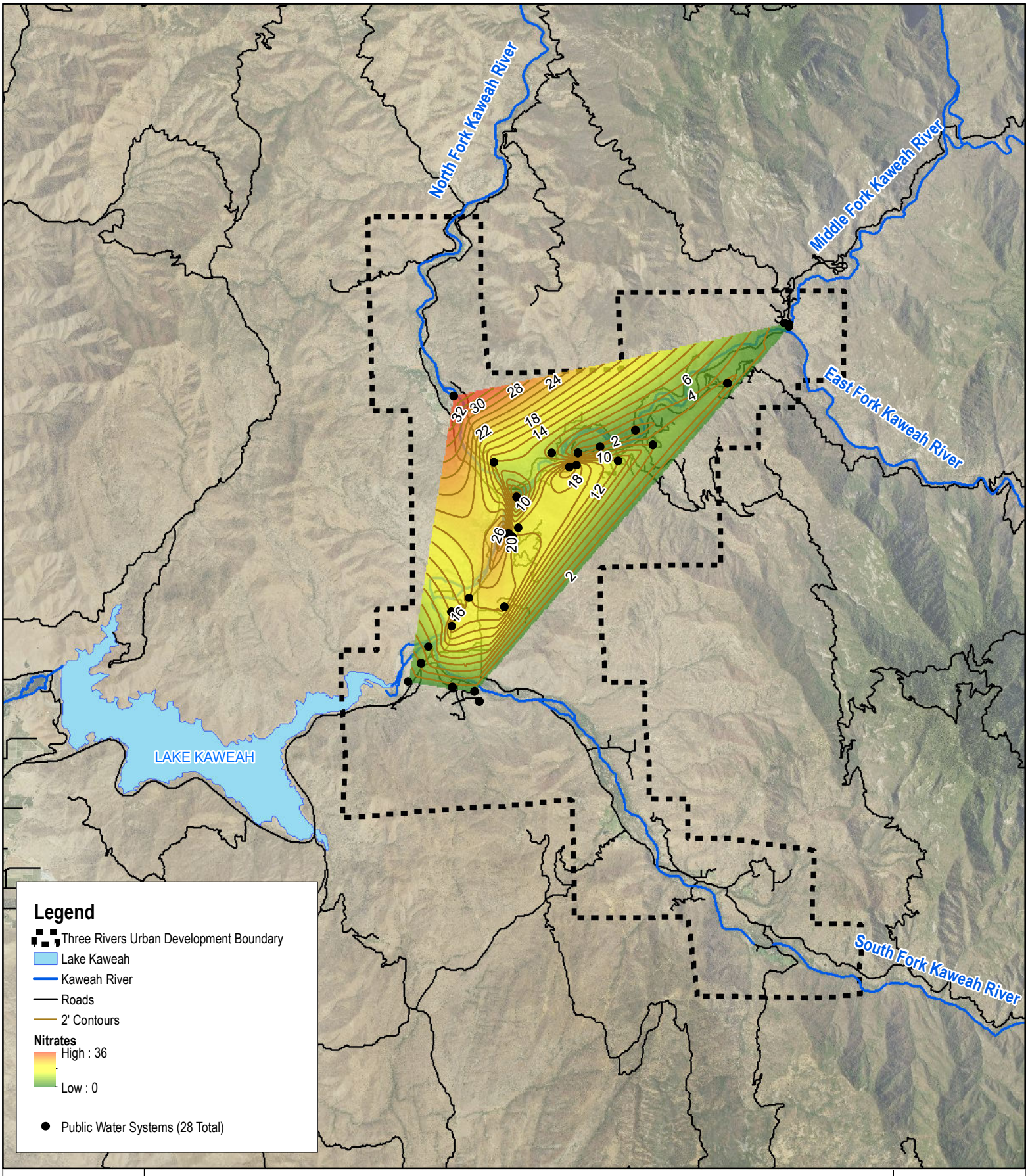
4CREEKS

Attachment G

Map units displayed as mg/L
Nitrate MCL = 45 mg/L

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Nitrate Isopleth Map
2012

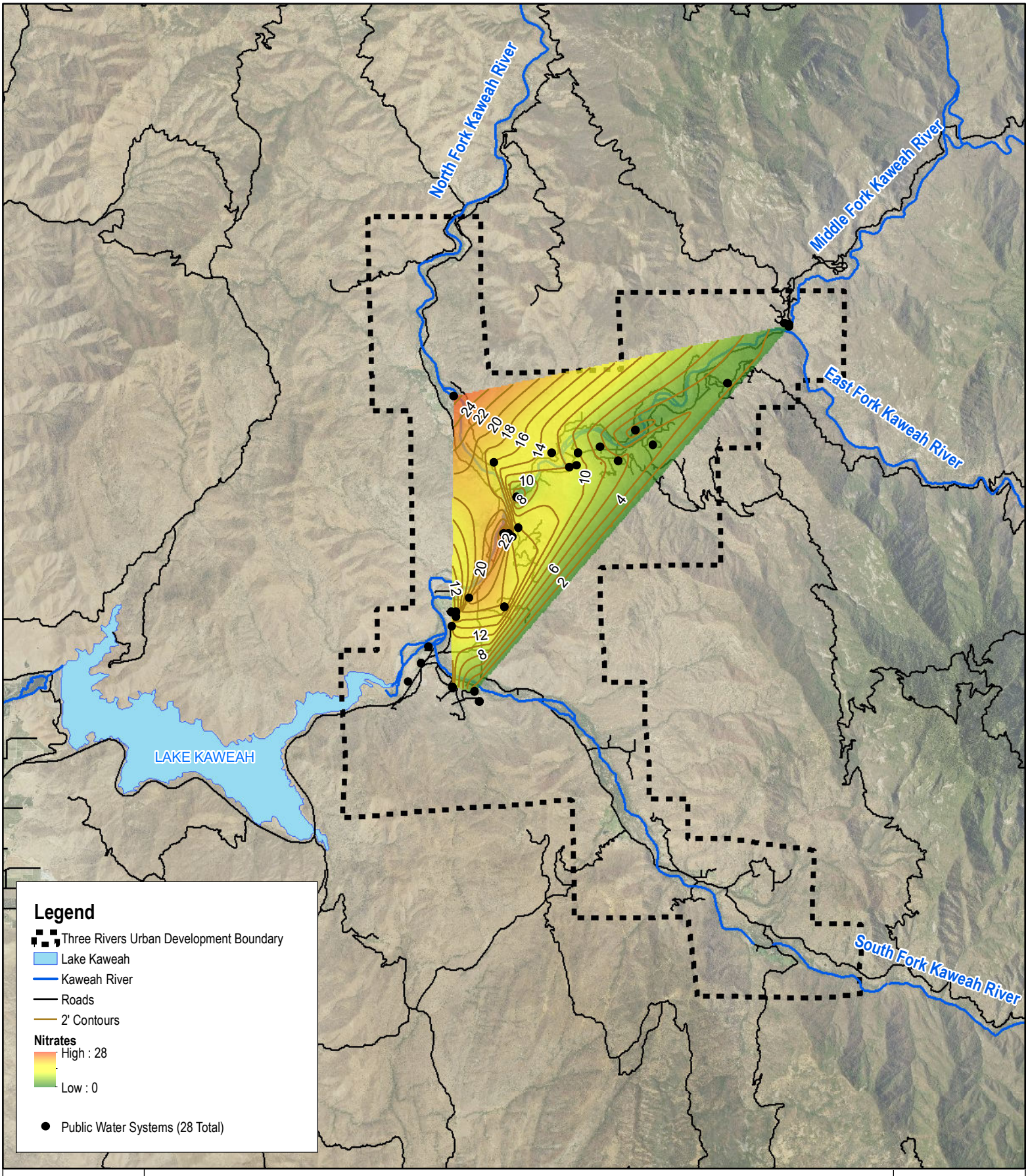
4CREEKS

Attachment H

Map units displayed as mg/L
Nitrate MCL = 45 mg/L

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Nitrate Isopleth Map
2013

4CREEKS

Attachment I

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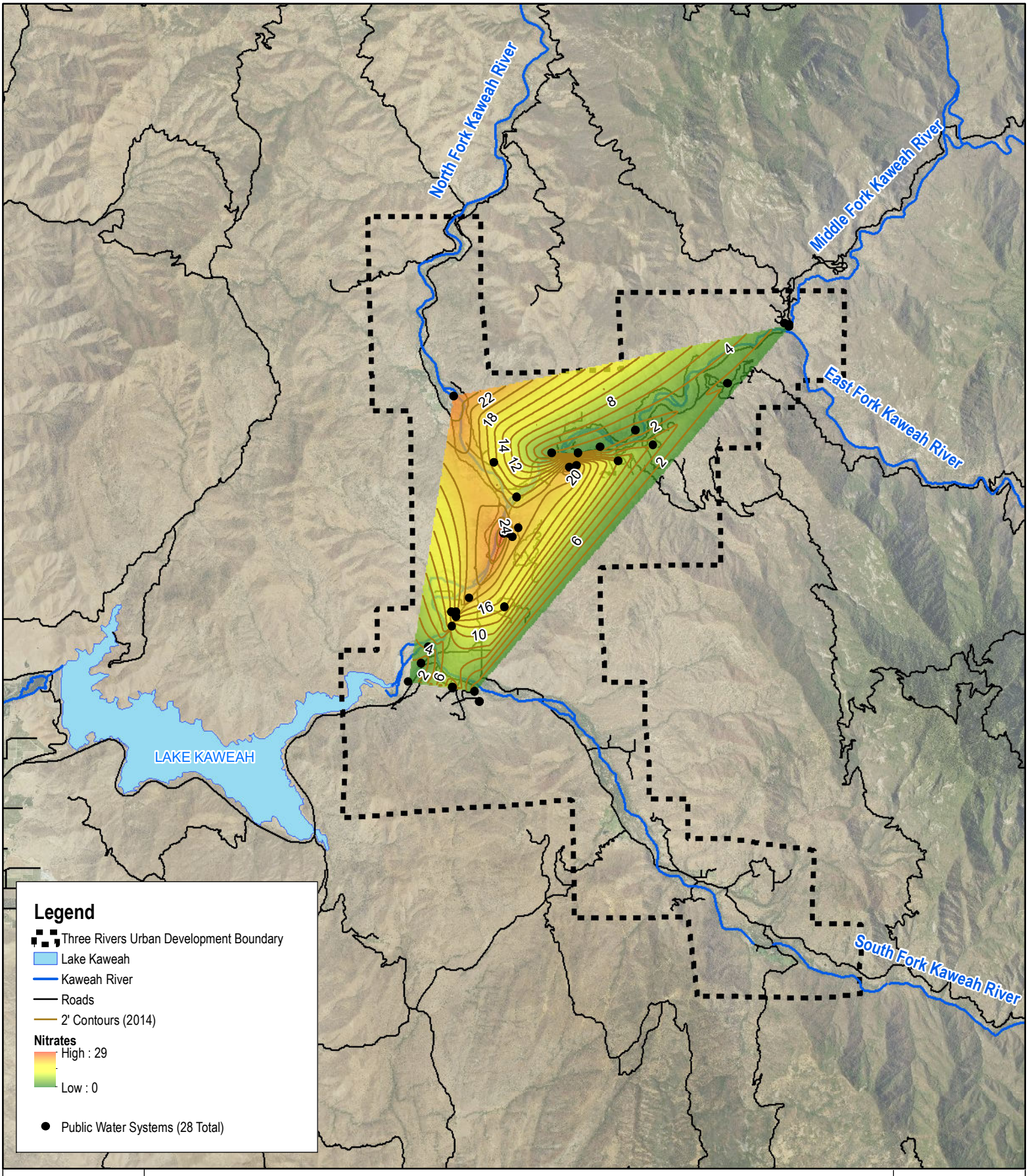
Nitrate MCL = 45 mg/L

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Nitrate Isopleth Map
2014

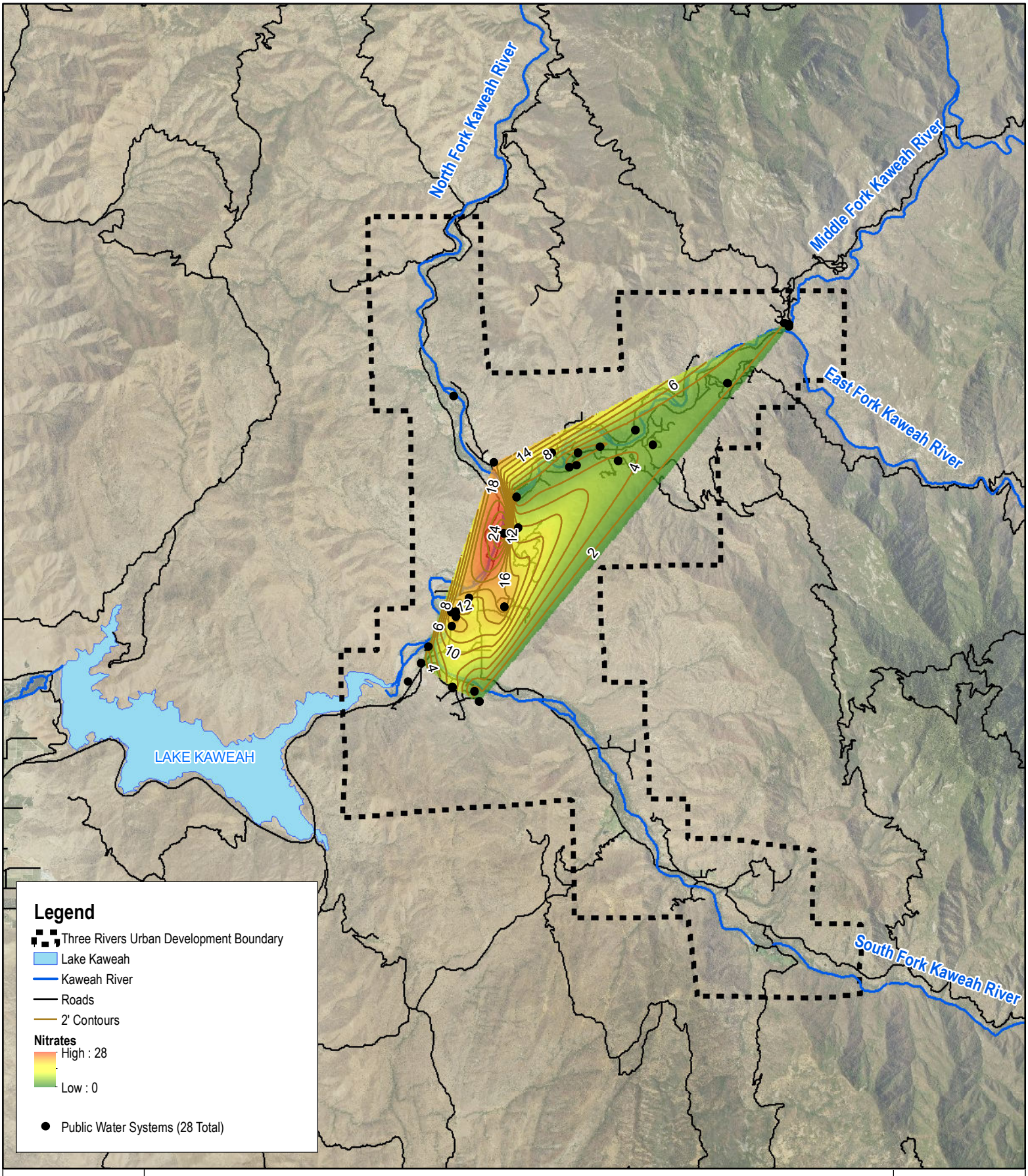
4CREEKS

Attachment J

Map units displayed as mg/L
Nitrate MCL = 45 mg/L

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Nitrate Isopleth Map
2015

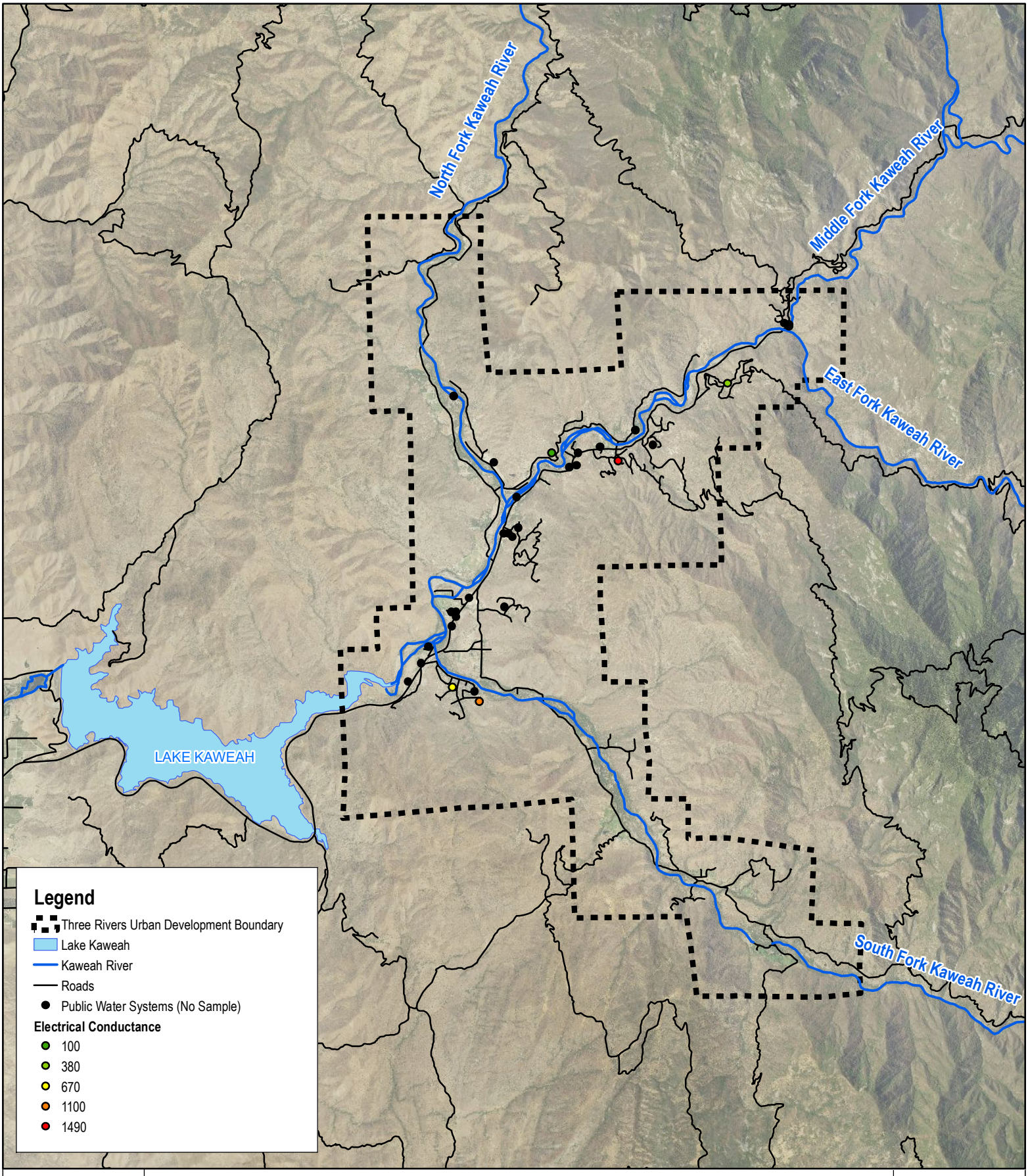
4CREEKS

Attachment K

Map units displayed as mg/L
Nitrate MCL = 45 mg/L

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Electrical Conductance
2011

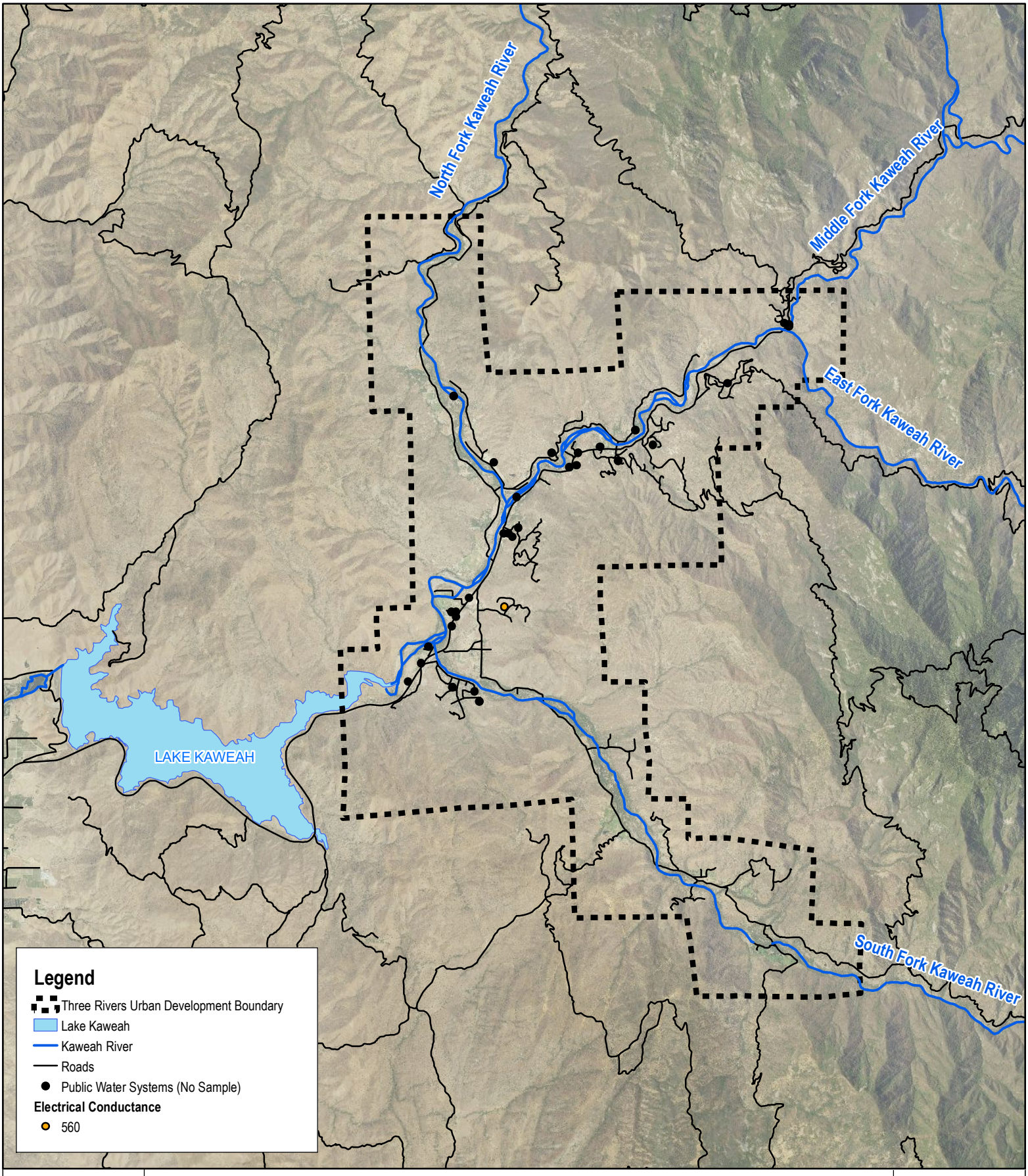
4CREEKS

Attachment L

Map units displayed as uS
Electrical Conductance MCL = 1600 uS

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Electrical Conductance
2012

4CREEKS

Attachment M

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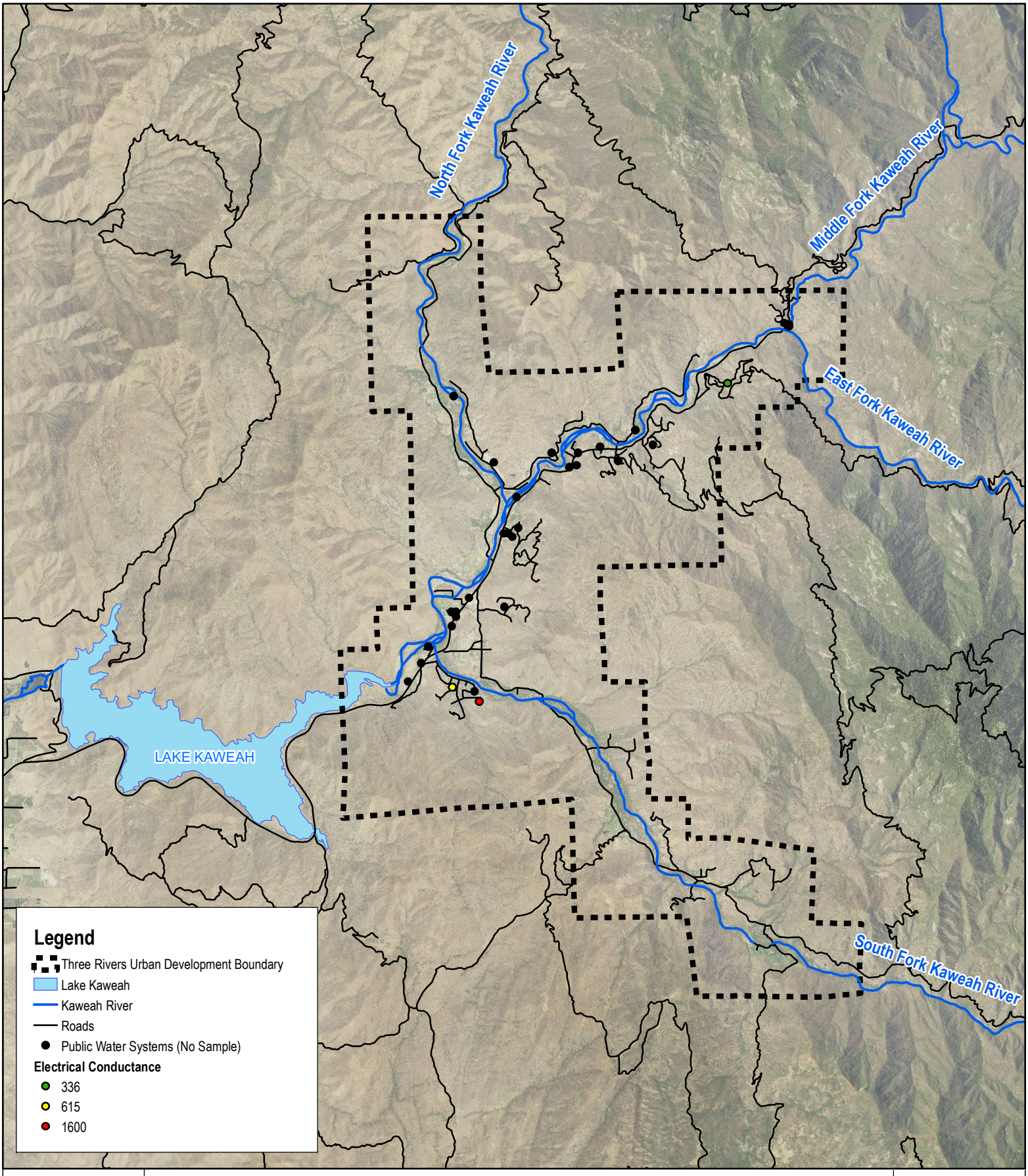
N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Electrical Conductance
2013

4CREEKS

Attachment N

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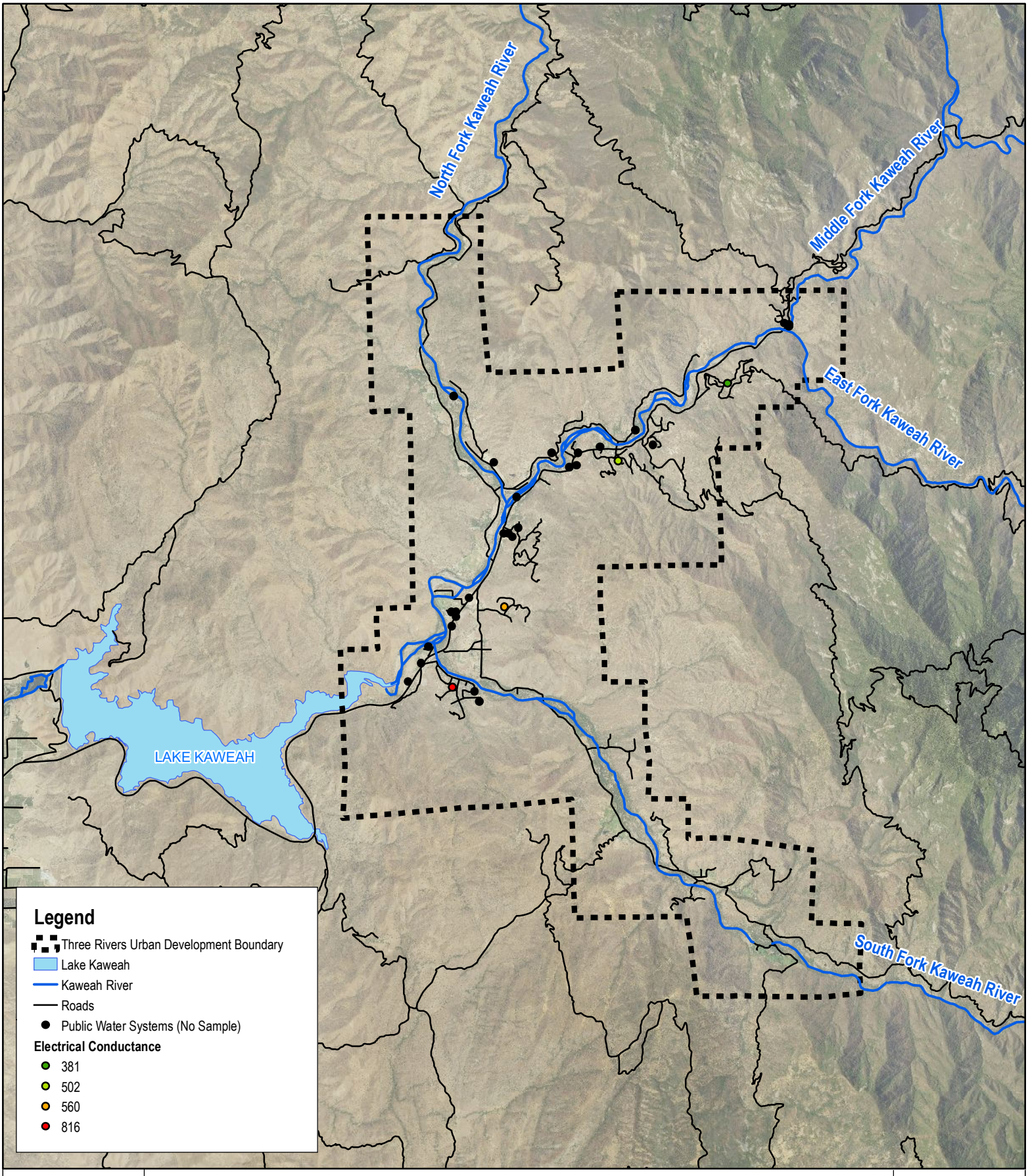
N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Electrical Conductance
2014

4CREEKS

Attachment O

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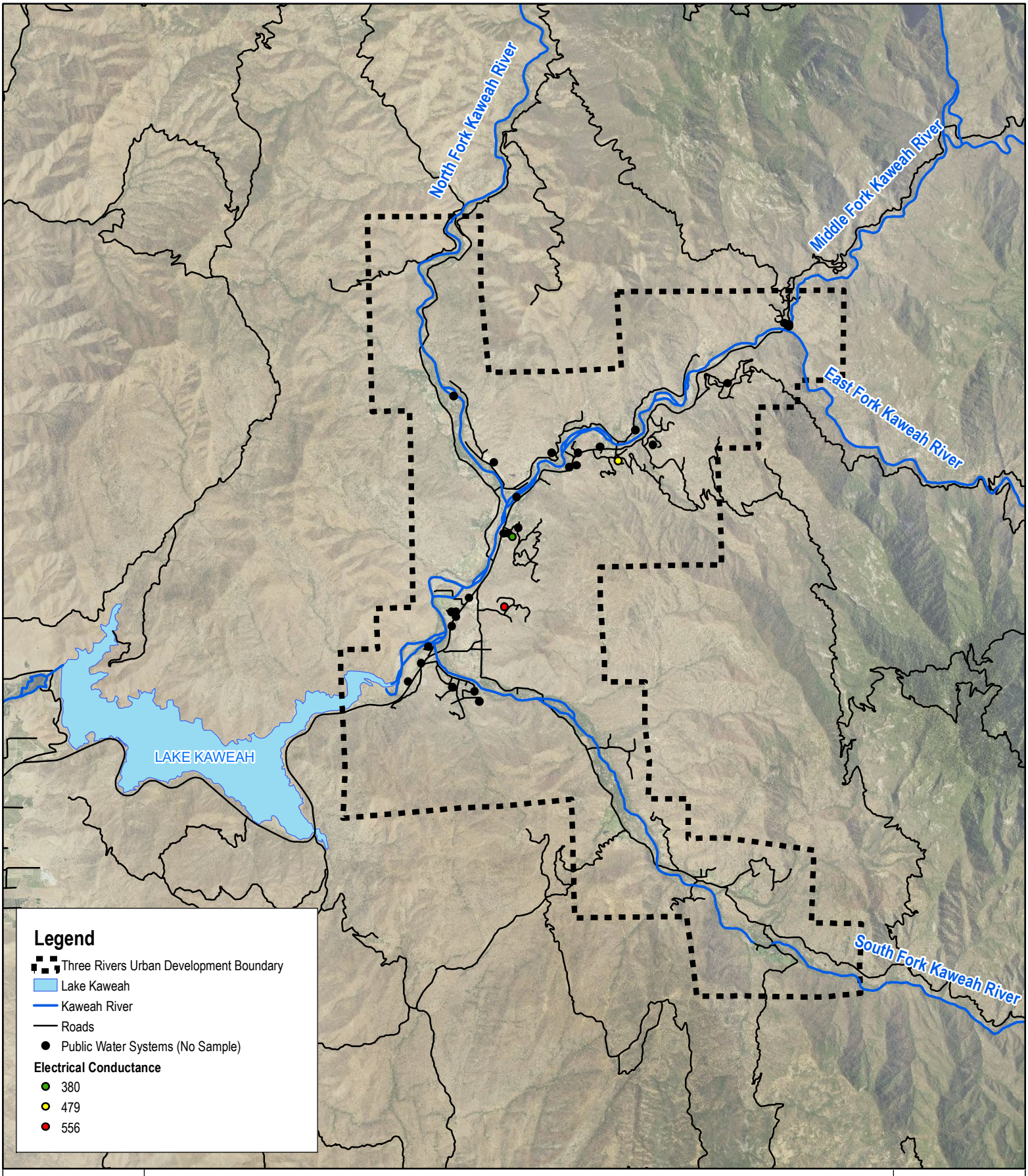
Electrical Conductance MCL = 1600 uS

N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Electrical Conductance
2015

4CREEKS

Attachement P

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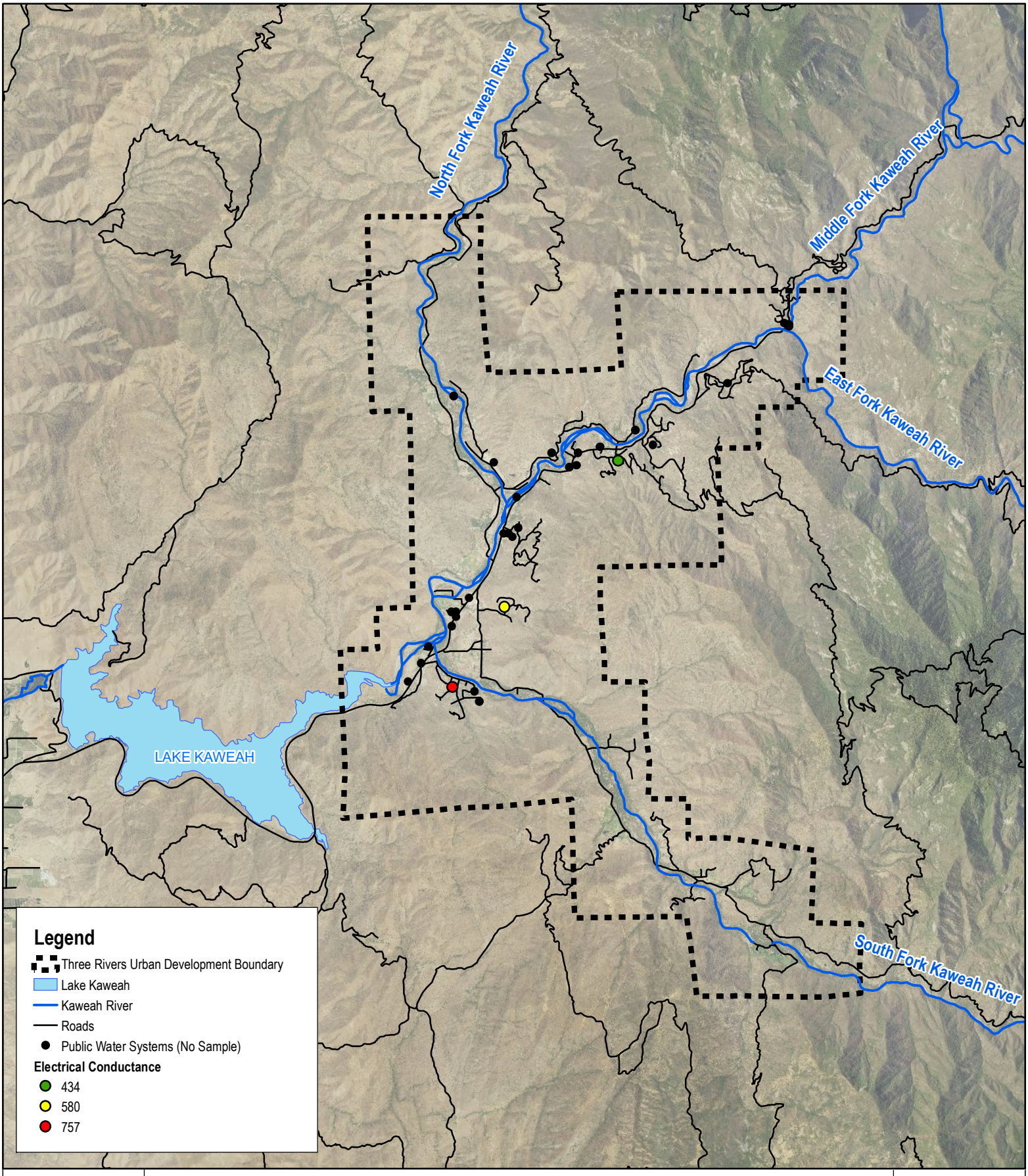
N

1 in = 2 miles



THREE RIVERS PLANNING AREA
Electrical Conductance
2016

4CREEKS

Attachment Q

Map units displayed as uS
Electrical Conductance MCL = 1600 uS

N

1 in = 2 miles

APPENDIX A

THREE RIVERS PUBLIC WATER SYSTEM SAMPLING DATA

(Source: Public Data Obtained Through the California State Water Resources Control Board Water Quality Analysis Database)

APPENDIX A
THREE RIVERS
Public Water System Sampling Data

System Name	System Number	Min	Average	Max	Chemical	Sample Year
BEST WESTERN - HOLIDAY LODGE	5400623	0	0	0	NITRATE (AS NO3)	2011
BEST WESTERN - HOLIDAY LODGE	5400623	0	0	0	NITRATE (AS NO3)	2012
BEST WESTERN - HOLIDAY LODGE	5400623	0	0	0	NITRATE (AS NO3)	2014
BEST WESTERN - HOLIDAY LODGE	5400623	0	0	0	NITRATE (AS N)	2015
BUCKEYE TREE LODGE	5400637	0.4	0.4	0.4	NITRATE (AS NO3)	2011
BUCKEYE TREE LODGE	5400637	0.4	0.4	0.4	NITRATE (AS NO3)	2012
BUCKEYE TREE LODGE	5400637	0.5	0.5	0.5	NITRATE (AS NO3)	2013
BUCKEYE TREE LODGE	5400637	0.8	0.8	0.8	NITRATE (AS NO3)	2014
BUCKEYE TREE LODGE	5400637	0.1	0.1	0.1	NITRATE (AS N)	2015
BUCKEYE TREE LODGE	5400637	0.5	0.5	0.5	NITRATE (AS NO3)	2015
BUCKEYE TREE LODGE	5400637	0.3	0.3	0.3	NITRITE (AS N)	2015
COMFORT INN & SUITES	5403062	25	25	25	NITRATE (AS NO3)	2011
COMFORT INN & SUITES	5403062	20	20	20	NITRATE (AS NO3)	2012
COMFORT INN & SUITES	5403062	12	12	12	NITRATE (AS NO3)	2013
COMFORT INN & SUITES	5403062	8.5	8.5	8.5	NITRATE (AS NO3)	2014
COMFORT INN & SUITES	5403062	5.2	5.2	5.2	NITRATE (AS N)	2016
DEER MEADOW MUTUAL	5401026	0.4	0.4	0.4	NITRATE (AS NO3)	2011
DEER MEADOW MUTUAL	5401026	0.4	0.4	0.4	NITRATE (AS NO3)	2012
DEER MEADOW MUTUAL	5401026	0.4	0.4	0.4	NITRATE (AS NO3)	2013
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2014
DEER MEADOW MUTUAL	5401026	0.4	0.4	0.4	NITRATE (AS NO3)	2014
DEER MEADOW MUTUAL	5401026	1	1	1	ALACHLOR	2015
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	ATRAZINE	2015
DEER MEADOW MUTUAL	5401026	2	2	2	BROMACIL	2015
DEER MEADOW MUTUAL	5401026	0.38	0.38	0.38	BUTACHLOR	2015
DEER MEADOW MUTUAL	5401026	2	2	2	DIAZINON	2015
DEER MEADOW MUTUAL	5401026	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2015
DEER MEADOW MUTUAL	5401026	2	2	2	DIMETHOATE	2015
DEER MEADOW MUTUAL	5401026	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2015
DEER MEADOW MUTUAL	5401026	1	1	1	METOLACHLOR	2015
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	METRIBUZIN	2015
DEER MEADOW MUTUAL	5401026	2	2	2	MOLINATE	2015
DEER MEADOW MUTUAL	5401026	0.4	0.4	0.4	NITRATE (AS NO3)	2015
DEER MEADOW MUTUAL	5401026	2	2	2	PROMETRYN	2015
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	PROPACHLOR	2015
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	SIMAZINE	2015
DEER MEADOW MUTUAL	5401026	1	1	1	THIOBENCARB	2015
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2016
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DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.005	0.005	0.005	1,2,3-TRICHLOROPROPANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,2-DICHLOROETHANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	2-CHLOROTOLUENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	4-CHLOROTOLUENE	2016
DEER MEADOW MUTUAL	5401026	10	10	10	ALUMINUM	2016
DEER MEADOW MUTUAL	5401026	1	1	1	ANTIMONY	2016
DEER MEADOW MUTUAL	5401026	2	2	2	ARSENIC	2016
DEER MEADOW MUTUAL	5401026	53.1	53.1	53.1	BARIUM	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	BENZENE	2016
DEER MEADOW MUTUAL	5401026	1	1	1	BERYLLIUM	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	BROMOBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	BROMOCHLOROMETHANE	2016

System Name	System Number	Min	Average	Max	Chemical	Sample Year
DEER MEADOW MUTUAL	5401026	2.6	2.6	2.6	BROMODICHLORMETHANE (THM)	2016
DEER MEADOW MUTUAL	5401026	1.6	1.6	1.6	BROMOFORM (THM)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	BROMOMETHANE	2016
DEER MEADOW MUTUAL	5401026	0.2	0.2	0.2	CADMIUM	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	CARBON TETRACHLORIDE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	CHLOROETHANE	2016
DEER MEADOW MUTUAL	5401026	1.3	1.3	1.3	CHLOROFORM (THM)	2016
DEER MEADOW MUTUAL	5401026	0.8	0.8	0.8	CHLOROMETHANE	2016
DEER MEADOW MUTUAL	5401026	3	3	3	CHROMIUM (TOTAL)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	CIS-1,3-DICHLOROPROPENE	2016
DEER MEADOW MUTUAL	5401026	3.8	3.8	3.8	DIBROMOCHLOROMETHANE (THM)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	DIBROMOMETHANE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	DICHLOROMETHANE	2016
DEER MEADOW MUTUAL	5401026	3	3	3	DIISOPROPYL ETHER	2016
DEER MEADOW MUTUAL	5401026	3	3	3	ETHYL-TERT-BUTYL ETHER	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	ETHYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	2.15	2.15	2.15	GROSS ALPHA	2016
DEER MEADOW MUTUAL	5401026	1.79	1.79	1.79	GROSS ALPHA COUNTING ERROR	2016
DEER MEADOW MUTUAL	5401026	1.7	1.7	1.7	GROSS ALPHA MDA95	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	ISOPROPYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	LEAD	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	M,P-XYLENE	2016
DEER MEADOW MUTUAL	5401026	55.8	77.9	100	MANGANESE	2016
DEER MEADOW MUTUAL	5401026	0.02	0.02	0.02	MERCURY	2016
DEER MEADOW MUTUAL	5401026	1	1	1	METHYL-TERT-BUTYL-ETHER (MTBE)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	MONOCHLOROBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	N-BUTYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	NAPHTHALENE	2016
DEER MEADOW MUTUAL	5401026	1	1	1	NICKEL	2016
DEER MEADOW MUTUAL	5401026	0.2	0.2	0.2	NITRATE (AS N)	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	O-XYLENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	SEC-BUTYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	1	1	1	SELENIUM	2016
DEER MEADOW MUTUAL	5401026	1	1	1	SILVER	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	STYRENE	2016
DEER MEADOW MUTUAL	5401026	3	3	3	TERT-AMYL-METHYL ETHER	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TERT-BUTYLBENZENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TETRACHLOROETHYLENE	2016
DEER MEADOW MUTUAL	5401026	0.2	0.2	0.2	THALLIUM	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TOLUENE	2016
DEER MEADOW MUTUAL	5401026	9.3	9.3	9.3	TOTAL TRIHALOMETHANES	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TRANS-1,3-DICHLOROPROPENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TRICHLOROETHYLENE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2016
DEER MEADOW MUTUAL	5401026	2	2	2	VANADIUM	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	VINYL CHLORIDE	2016
DEER MEADOW MUTUAL	5401026	0.5	0.5	0.5	XYLENES (TOTAL)	2016
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,1,1-TRICHLOROETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,1,2,2-TETRACHLOROETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,1,2-TRICHLOROETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,1-DICHLOROETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,1-DICHLOROETHYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,2,4-TRICHLOROBENZENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,2-DICHLOROBENZENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,2-DICHLOROETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,2-DICHLOROPROPANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,3-DICHLOROPROPENE (TOTAL)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	1,4-DICHLOROBENZENE	2013
EAST THREE RIVERS MUTUAL	5400744	12	12	12	AGGRSSIVE INDEX (CORROSIVITY)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ALACHLOR	2013
EAST THREE RIVERS MUTUAL	5400744	140	145	150	ALKALINITY (TOTAL) AS CACO3	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ALUMINUM	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ANTIMONY	2013
EAST THREE RIVERS MUTUAL	5400744	0	12.5	25	ARSENIC	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ATRAZINE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	BARIUM	2013

System Name	System Number	Min	Average	Max	Chemical	Sample Year
EAST THREE RIVERS MUTUAL	5400744	0	0	0	BENZENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	BERYLLIUM	2013
EAST THREE RIVERS MUTUAL	5400744	180	185	190	BICARBONATE ALKALINITY	2013
EAST THREE RIVERS MUTUAL	5400744	0	0.6	1.2	CADMIUM	2013
EAST THREE RIVERS MUTUAL	5400744	37	53	69	CALCIUM	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	CARBON TETRACHLORIDE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	CARBONATE ALKALINITY	2013
EAST THREE RIVERS MUTUAL	5400744	120	130	140	CHLORIDE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	CHROMIUM (TOTAL)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	CIS-1,2-DICHLOROETHYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	CIS-1,3-DICHLOROPROPENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	2.5	5	COLOR	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	COPPER	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	DIBROMOCHLOROPROPANE (DBCP)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	DICHLOROMETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ETHYLBENZENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ETHYLENE DIBROMIDE (EDB)	2013
EAST THREE RIVERS MUTUAL	5400744	0.13	0.135	0.14	FLUORIDE (F) (NATURAL-SOURCE)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	FOAMING AGENTS (MBAS)	2013
EAST THREE RIVERS MUTUAL	5400744	11.6	42.8	74	GROSS ALPHA	2013
EAST THREE RIVERS MUTUAL	5400744	0.528	0.904	1.28	GROSS ALPHA COUNTING ERROR	2013
EAST THREE RIVERS MUTUAL	5400744	1.64	1.64	1.64	GROSS ALPHA MDA95	2013
EAST THREE RIVERS MUTUAL	5400744	100	175	250	HARDNESS (TOTAL) AS CACO3	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	HYDROXIDE ALKALINITY	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	IRON	2013
EAST THREE RIVERS MUTUAL	5400744	0.16	0.205	0.25	LANGELIER INDEX @ 60 C	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	LEAD	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	M,P-XYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	2.8	10.4	18	MAGNESIUM	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	MANGANESE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	MERCURY	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	METHYL-TERT-BUTYL-ETHER (MTBE)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	MONOCHLOROBENZENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	NICKEL	2013
EAST THREE RIVERS MUTUAL	5400744	0	12.5	25	NITRATE (AS NO3)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	NITRITE (AS N)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	O-XYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	PERCHLORATE	2013
EAST THREE RIVERS MUTUAL	5400744	7.8	7.9	8	PH, LABORATORY	2013
EAST THREE RIVERS MUTUAL	5400744	0	3.5	7	POTASSIUM	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	SELENIUM	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	SILVER	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	SIMAZINE	2013
EAST THREE RIVERS MUTUAL	5400744	43	76.5	110	SODIUM	2013
EAST THREE RIVERS MUTUAL	5400744	760	765	770	SPECIFIC CONDUCTANCE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	STYRENE	2013
EAST THREE RIVERS MUTUAL	5400744	12	13	14	SULFATE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	TETRACHLOROETHYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	THALLIUM	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	TOLUENE	2013
EAST THREE RIVERS MUTUAL	5400744	420	460	500	TOTAL DISSOLVED SOLIDS	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	TRANS-1,2-DICHLOROETHYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	TRANS-1,3-DICHLOROPROPENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	TRICHLOROETHYLENE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	TRICHLOROFLUOROMETHANE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0.105	0.21	TURBIDITY, LABORATORY	2013
EAST THREE RIVERS MUTUAL	5400744	11	39	67	URANIUM (PCI/L)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	VINYL CHLORIDE	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	XYLENES (TOTAL)	2013
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ZINC	2013
EAST THREE RIVERS MUTUAL	5400744	52	52	52	ARSENIC	2014
EAST THREE RIVERS MUTUAL	5400744	0	0	0	ASBESTOS	2014
EAST THREE RIVERS MUTUAL	5400744	0	0	0	CHROMIUM, HEXAVALENT	2014
EAST THREE RIVERS MUTUAL	5400744	2.1	9.55	17	NITRATE (AS NO3)	2014
EAST THREE RIVERS MUTUAL	5400744	47	47	47	URANIUM (PCI/L)	2014
EAST THREE RIVERS MUTUAL	5400744	23	23	23	ARSENIC	2015
EAST THREE RIVERS MUTUAL	5400744	3.58	3.58	3.58	GROSS ALPHA	2015
EAST THREE RIVERS MUTUAL	5400744	0.348	0.348	0.348	GROSS ALPHA COUNTING ERROR	2015
EAST THREE RIVERS MUTUAL	5400744	1.52	1.52	1.52	GROSS ALPHA MDA95	2015
EAST THREE RIVERS MUTUAL	5400744	5.9	5.9	5.9	NITRATE (AS N)	2015
EAST THREE RIVERS MUTUAL	5400744	0	0	0	RADIUM 228	2015
EAST THREE RIVERS MUTUAL	5400744	0.29	0.29	0.29	RADIUM 228 COUNTING ERROR	2015

System Name	System Number	Min	Average	Max	Chemical	Sample Year
EAST THREE RIVERS MUTUAL	5400744	74	74	74	URANIUM (PCI/L)	2015
EAST THREE RIVERS MUTUAL	5400744	5.4	5.4	5.4	NITRATE (AS N)	2016
GATEWAY RESTAURANT	5400749	0.4	0.4	0.4	NITRATE (AS NO3)	2012
GATEWAY RESTAURANT	5400749	0.4	0.4	0.4	NITRATE (AS NO3)	2013
GATEWAY RESTAURANT	5400749	0.6	0.6	0.6	NITRATE (AS NO3)	2014
GATEWAY RESTAURANT	5400749	0.1	0.1	0.1	NITRATE (AS N)	2015
GATEWAY RESTAURANT	5400749	0.7	0.7	0.7	NITRATE (AS NO3)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	2,4,5-T	2011
IMPROVEMENT DIST #1	5400968	1	1	1	2,4,5-TP (SILVEX)	2011
IMPROVEMENT DIST #1	5400968	2	2	2	2,4-D	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	2-CHLOROTOLUENE	2011
IMPROVEMENT DIST #1	5400968	3	3	3	3-HYDROXYCARBOFURAN	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	4-CHLOROTOLUENE	2011
IMPROVEMENT DIST #1	5400968	12.2	12.2	12.2	AGGRSSIVE INDEX (CORROSIVITY)	2011
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	ALACHLOR	2011
IMPROVEMENT DIST #1	5400968	3	3	3	ALDICARB	2011
IMPROVEMENT DIST #1	5400968	2	2	2	ALDICARB SULFONE	2011
IMPROVEMENT DIST #1	5400968	3	3	3	ALDICARB SULFOXIDE	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	ALDRIN	2011
IMPROVEMENT DIST #1	5400968	110	110	110	ALKALINITY (TOTAL) AS CACO3	2011
IMPROVEMENT DIST #1	5400968	30	30	30	ALUMINUM	2011
IMPROVEMENT DIST #1	5400968	1	1	1	ANTIMONY	2011
IMPROVEMENT DIST #1	5400968	2	2	2	ARSENIC	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ATRAZINE	2011
IMPROVEMENT DIST #1	5400968	3.7	3.7	3.7	BARIUM	2011
IMPROVEMENT DIST #1	5400968	2	2	2	BENTAZON	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BENZENE	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	BENZO (A) PYRENE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	BERYLLIUM	2011
IMPROVEMENT DIST #1	5400968	130	130	130	BICARBONATE ALKALINITY	2011
IMPROVEMENT DIST #1	5400968	400	400	400	BORON	2011
IMPROVEMENT DIST #1	5400968	2	2	2	BROMACIL	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOCHLOROMETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMODICHLORMETHANE (THM)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOFORM (THM)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOMETHANE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	BUTACHLOR	2011
IMPROVEMENT DIST #1	5400968	1	1	1	CADMIUM	2011
IMPROVEMENT DIST #1	5400968	96	96	96	CALCIUM	2011
IMPROVEMENT DIST #1	5400968	5	5	5	CARBARYL	2011
IMPROVEMENT DIST #1	5400968	5	5	5	CARBOFURAN	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CARBON TETRACHLORIDE	2011
IMPROVEMENT DIST #1	5400968	10	10	10	CARBONATE ALKALINITY	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	CHLORDANE	2011
IMPROVEMENT DIST #1	5400968	403	403	403	CHLORIDE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROETHANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROFORM (THM)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROMETHANE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	CHROMIUM (TOTAL)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CIS-1,3-DICHLOROPROPENE	2011
IMPROVEMENT DIST #1	5400968	5	5	5	COLOR	2011
IMPROVEMENT DIST #1	5400968	10	10	10	COPPER	2011
IMPROVEMENT DIST #1	5400968	10	10	10	DALAPON	2011
IMPROVEMENT DIST #1	5400968	1	1	1	DI(2-ETHYLHEXYL)ADIPATE	2011
IMPROVEMENT DIST #1	5400968	3	3	3	DI(2-ETHYLHEXYL)PHTHALATE	2011
IMPROVEMENT DIST #1	5400968	2	2	2	DIAZINON	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DIBROMOCHLOROMETHANE (THM)	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DIBROMOMETHANE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	DICAMBA	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DICHLOROMETHANE	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	DIELDRIN	2011
IMPROVEMENT DIST #1	5400968	3	3	3	DIISOPROPYL ETHER	2011
IMPROVEMENT DIST #1	5400968	2	2	2	DIMETHOATE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	DINOSEB	2011
IMPROVEMENT DIST #1	5400968	40	40	40	ENDOTHALL	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	ENDRIN	2011
IMPROVEMENT DIST #1	5400968	3	3	3	ETHYL-TERT-BUTYL ETHER	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ETHYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	FLUORIDE (F) (NATURAL-SOURCE)	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2011
IMPROVEMENT DIST #1	5400968	166	166	166	GROSS ALPHA	2011
IMPROVEMENT DIST #1	5400968	17.2	17.2	17.2	GROSS ALPHA COUNTING ERROR	2011
IMPROVEMENT DIST #1	5400968	3.24	3.24	3.24	GROSS ALPHA MDA95	2011
IMPROVEMENT DIST #1	5400968	260	260	260	HARDNESS (TOTAL) AS CACO3	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	HEPTACHLOR	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	HEPTACHLOR EPOXIDE	2011
IMPROVEMENT DIST #1	5400968	0.01	0.01	0.01	HEXACHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	HEXACHLOROCYCLOPENTADIENE	2011
IMPROVEMENT DIST #1	5400968	10	10	10	HYDROXIDE ALKALINITY	2011
IMPROVEMENT DIST #1	5400968	50	50	50	IRON	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ISOPROPYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.3	0.3	0.3	LANGELIER INDEX AT SOURCE TEMP.	2011
IMPROVEMENT DIST #1	5400968	0.4	0.4	0.4	LEAD	2011
IMPROVEMENT DIST #1	5400968	0.05	0.05	0.05	LINDANE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	M,P-XYLENE	2011
IMPROVEMENT DIST #1	5400968	5	5	5	MAGNESIUM	2011
IMPROVEMENT DIST #1	5400968	10	10	10	MANGANESE	2011
IMPROVEMENT DIST #1	5400968	0.02	0.02	0.02	MERCURY	2011
IMPROVEMENT DIST #1	5400968	2	2	2	METHOMYL	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	METHOXYCHLOR	2011
IMPROVEMENT DIST #1	5400968	1	1	1	METHYL-TERT-BUTYL-ETHER (MTBE)	2011
IMPROVEMENT DIST #1	5400968	1	1	1	METOLACHLOR	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	METRIBUZIN	2011
IMPROVEMENT DIST #1	5400968	2	2	2	MOLINATE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	MONOCHLOROBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	N-BUTYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	NAPHTHALENE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	NICKEL	2011
IMPROVEMENT DIST #1	5400968	0.4	0.68	1	NITRATE (AS NO3)	2011
IMPROVEMENT DIST #1	5400968	100	100	100	NITRATE + NITRITE (AS N)	2011
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	NITRITE (AS N)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	O-XYLENE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	ODOR THRESHOLD @ 60 C	2011
IMPROVEMENT DIST #1	5400968	5	5	5	OXAMYL	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1016 (AS DECACHLOROBIPHENYL (DCB))	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1221 (AS DCB)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1232 (AS DCB)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1242 (AS DCB)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1248 (AS DCB)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1254 (AS DCB)	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PCB-1260 (AS DCB)	2011
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	PENTACHLOROPHENOL	2011
IMPROVEMENT DIST #1	5400968	7.8	7.8	7.8	PH, LABORATORY	2011
IMPROVEMENT DIST #1	5400968	1	1	1	PICLORAM	2011
IMPROVEMENT DIST #1	5400968	4	4	4	POTASSIUM	2011
IMPROVEMENT DIST #1	5400968	2	2	2	PROMETRYN	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
IMPROVEMENT DIST #1	5400968	1	1	1	PROPACHLOR	2011
IMPROVEMENT DIST #1	5400968	0.385	0.385	0.385	RADIUM 228	2011
IMPROVEMENT DIST #1	5400968	0.645	0.645	0.645	RADIUM 228 COUNTING ERROR	2011
IMPROVEMENT DIST #1	5400968	0.205	0.205	0.205	RADIUM 228 MDA95	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	SEC-BUTYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	2	2	2	SELENIUM	2011
IMPROVEMENT DIST #1	5400968	1	1	1	SILVER	2011
IMPROVEMENT DIST #1	5400968	1	1	1	SIMAZINE	2011
IMPROVEMENT DIST #1	5400968	174	174	174	SODIUM	2011
IMPROVEMENT DIST #1	5400968	4.7	4.7	4.7	SODIUM ABSORPTION RATIO	2011
IMPROVEMENT DIST #1	5400968	1490	1490	1490	SPECIFIC CONDUCTANCE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	STYRENE	2011
IMPROVEMENT DIST #1	5400968	4	4	4	SULFATE	2011
IMPROVEMENT DIST #1	5400968	3	3	3	TERT-AMYL-METHYL ETHER	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TERT-BUTYLBENZENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TETRACHLOROETHYLENE	2011
IMPROVEMENT DIST #1	5400968	1	1	1	THALLIUM	2011
IMPROVEMENT DIST #1	5400968	1	1	1	THIOBENCARB	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TOLUENE	2011
IMPROVEMENT DIST #1	5400968	780	780	780	TOTAL DISSOLVED SOLIDS	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TOTAL TRIHALOMETHANES	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TOXAPHENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRANS-1,3-DICHLOROPROPENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRICHLOROETHYLENE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2011
IMPROVEMENT DIST #1	5400968	0.6	0.6	0.6	TURBIDITY, LABORATORY	2011
IMPROVEMENT DIST #1	5400968	33.8	33.8	33.8	URANIUM (PCI/L)	2011
IMPROVEMENT DIST #1	5400968	3.7	3.7	3.7	URANIUM COUNTING ERROR	2011
IMPROVEMENT DIST #1	5400968	0.439	0.439	0.439	URANIUM MDA95	2011
IMPROVEMENT DIST #1	5400968	5	5	5	VANADIUM	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	VINYL CHLORIDE	2011
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	XYLENES (TOTAL)	2011
IMPROVEMENT DIST #1	5400968	1000	1000	1000	ZINC	2011
IMPROVEMENT DIST #1	5400968	77.9	77.9	77.9	GROSS ALPHA	2012
IMPROVEMENT DIST #1	5400968	5.73	5.73	5.73	GROSS ALPHA COUNTING ERROR	2012
IMPROVEMENT DIST #1	5400968	1.17	1.17	1.17	GROSS ALPHA MDA95	2012
IMPROVEMENT DIST #1	5400968	9.7	12.2	14.7	NITRATE (AS NO3)	2012
IMPROVEMENT DIST #1	5400968	34.1	34.1	34.1	URANIUM (PCI/L)	2012
IMPROVEMENT DIST #1	5400968	3.96	3.96	3.96	URANIUM COUNTING ERROR	2012
IMPROVEMENT DIST #1	5400968	0.409	0.409	0.409	URANIUM MDA95	2012
IMPROVEMENT DIST #1	5400968	0.4	6.72	16.2	NITRATE (AS NO3)	2013
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	1,2,3-TRICHLOROPROPANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2014
IMPROVEMENT DIST #1	5400968	10	10	10	2-CHLOROETHYLVINYL ETHER	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	2-CHLOROTOLUENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	4-CHLOROTOLUENE	2014
IMPROVEMENT DIST #1	5400968	107	127.5	148	ALKALINITY (TOTAL) AS CACO3	2014
IMPROVEMENT DIST #1	5400968	50	50	50	ALUMINUM	2014
IMPROVEMENT DIST #1	5400968	2	2	2	ANTIMONY	2014
IMPROVEMENT DIST #1	5400968	2	2	2	ARSENIC	2014
IMPROVEMENT DIST #1	5400968	100	100	100	BARIUM	2014

System Name	System Number	Min	Average	Max	Chemical	Sample Year
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BENZENE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	BERYLLIUM	2014
IMPROVEMENT DIST #1	5400968	107	127.5	148	BICARBONATE ALKALINITY	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOCHLOROMETHANE	2014
IMPROVEMENT DIST #1	5400968	1.7	1.7	1.7	BROMODICHLORMETHANE (THM)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOFORM (THM)	2014
IMPROVEMENT DIST #1	5400968	1	1	1	BROMOMETHANE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	CADMIUM	2014
IMPROVEMENT DIST #1	5400968	43.7	52.05	60.4	CALCIUM	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CARBON TETRACHLORIDE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	CARBONATE ALKALINITY	2014
IMPROVEMENT DIST #1	5400968	65.3	69.45	73.6	CHLORIDE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROETHANE	2014
IMPROVEMENT DIST #1	5400968	0.91	0.91	0.91	CHLOROFORM (THM)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROMETHANE	2014
IMPROVEMENT DIST #1	5400968	10	10	10	CHROMIUM (TOTAL)	2014
IMPROVEMENT DIST #1	5400968	0.2	0.42	0.64	CHROMIUM, HEXAVALENT	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2014
IMPROVEMENT DIST #1	5400968	5	5	5	COLOR	2014
IMPROVEMENT DIST #1	5400968	50	50	50	COPPER	2014
IMPROVEMENT DIST #1	5400968	1.9	1.9	1.9	DIBROMOCHLOROMETHANE (THM)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DIBROMOMETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DICHLOROMETHANE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ETHYL-TERT-BUTYL ETHER	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ETHYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.1	0.15	0.2	FLUORIDE (F) (NATURAL-SOURCE)	2014
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2014
IMPROVEMENT DIST #1	5400968	1.51	4.535	7.56	GROSS ALPHA	2014
IMPROVEMENT DIST #1	5400968	1.05	1.775	2.5	GROSS ALPHA COUNTING ERROR	2014
IMPROVEMENT DIST #1	5400968	0.55	0.61	0.67	GROSS ALPHA MDA95	2014
IMPROVEMENT DIST #1	5400968	146	177	208	HARDNESS (TOTAL) AS CACO3	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	HYDROXIDE ALKALINITY	2014
IMPROVEMENT DIST #1	5400968	100	103.5	107	IRON	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ISOPROPYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.28	0.455	0.63	LANGELIER INDEX AT SOURCE TEMP.	2014
IMPROVEMENT DIST #1	5400968	1	1	1	LEAD	2014
IMPROVEMENT DIST #1	5400968	8.9	11.45	14	MAGNESIUM	2014
IMPROVEMENT DIST #1	5400968	20	20	20	MANGANESE	2014
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	MERCURY	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	METHYL-TERT-BUTYL-ETHER (MTBE)	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	MONOCHLOROBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	N-BUTYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	NAPHTHALENE	2014
IMPROVEMENT DIST #1	5400968	10	10	10	NICKEL	2014
IMPROVEMENT DIST #1	5400968	6.8	9.85	12.9	NITRATE (AS NO3)	2014
IMPROVEMENT DIST #1	5400968	400	400	400	NITRITE (AS N)	2014
IMPROVEMENT DIST #1	5400968	1	1	1	ODOR THRESHOLD @ 60 C	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2014
IMPROVEMENT DIST #1	5400968	4	4	4	PERCHLORATE	2014
IMPROVEMENT DIST #1	5400968	7	7.05	7.1	PH, LABORATORY	2014
IMPROVEMENT DIST #1	5400968	0.37	1.605	2.84	RADIUM 228	2014
IMPROVEMENT DIST #1	5400968	0.06	0.125	0.19	RADIUM 228 COUNTING ERROR	2014
IMPROVEMENT DIST #1	5400968	0.57	0.62	0.67	RADIUM 228 MDA95	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	SEC-BUTYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	4.7	4.7	4.7	SELENIUM	2014
IMPROVEMENT DIST #1	5400968	10	10	10	SILVER	2014
IMPROVEMENT DIST #1	5400968	27.9	28.45	29	SODIUM	2014
IMPROVEMENT DIST #1	5400968	448	502	556	SPECIFIC CONDUCTANCE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	STYRENE	2014
IMPROVEMENT DIST #1	5400968	7.3	8.9	10.5	SULFATE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TERT-AMYL-METHYL ETHER	2014
IMPROVEMENT DIST #1	5400968	10	10	10	TERT-BUTYL ALCOHOL	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TERT-BUTYLBENZENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TETRACHLOROETHYLENE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	THALLIUM	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TOLUENE	2014
IMPROVEMENT DIST #1	5400968	340	356.5	373	TOTAL DISSOLVED SOLIDS	2014
IMPROVEMENT DIST #1	5400968	4.5	4.5	4.5	TOTAL TRIHALOMETHANES	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2014

System Name	System Number	Min	Average	Max	Chemical	Sample Year
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRICHLOROETHYLENE	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2014
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	TURBIDITY, LABORATORY	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	VINYL CHLORIDE	2014
IMPROVEMENT DIST #1	5400968	1	1	1	XYLENES (TOTAL)	2014
IMPROVEMENT DIST #1	5400968	50	50	50	ZINC	2014
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2015
IMPROVEMENT DIST #1	5400968	1	1	1	1,2,3-TRICHLOROPROPANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2015
IMPROVEMENT DIST #1	5400968	10	10	10	2-CHLOROETHYLVINYL ETHER	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	2-CHLOROTOLUENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	4-CHLOROTOLUENE	2015
IMPROVEMENT DIST #1	5400968	62	106.5	151	ALKALINITY (TOTAL) AS CACO3	2015
IMPROVEMENT DIST #1	5400968	2	2	2	ANTIMONY	2015
IMPROVEMENT DIST #1	5400968	2	2	2	ARSENIC	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BENZENE	2015
IMPROVEMENT DIST #1	5400968	62	106.5	151	BICARBONATE ALKALINITY	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMOCHLOROMETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	1.933333	4.1	BROMODICHLORMETHANE (THM)	2015
IMPROVEMENT DIST #1	5400968	1	1	1	BROMOMETHANE	2015
IMPROVEMENT DIST #1	5400968	17.2	50.45	83.7	CALCIUM	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CARBON TETRACHLORIDE	2015
IMPROVEMENT DIST #1	5400968	1	1	1	CARBONATE ALKALINITY	2015
IMPROVEMENT DIST #1	5400968	4	88.5	173	CHLORIDE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	2.036666	4.8	CHLOROFORM (THM)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CHLOROMETHANE	2015
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	CHROMIUM, HEXAVALENT	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2015
IMPROVEMENT DIST #1	5400968	5	5	5	COLOR	2015
IMPROVEMENT DIST #1	5400968	50	50	50	COPPER	2015
IMPROVEMENT DIST #1	5400968	1.9	1.9	1.9	DIBROMOACETIC ACID (DBAA)	2015
IMPROVEMENT DIST #1	5400968	0.5	1.933333	3.8	DIBROMOCHLOROMETHANE (THM)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DIBROMOMETHANE	2015
IMPROVEMENT DIST #1	5400968	4.5	4.5	4.5	DICHLOROACETIC ACID (DCAA)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	DICHLOROMETHANE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ETHYL-TERT-BUTYL ETHER	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ETHYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2015
IMPROVEMENT DIST #1	5400968	0.191	1.046791	3.73	GROSS ALPHA COUNTING ERROR	2015
IMPROVEMENT DIST #1	5400968	0.02	1.083333	1.52	GROSS ALPHA MDA95	2015
IMPROVEMENT DIST #1	5400968	7.7	7.7	7.7	HALOACETIC ACIDS (5) (HAA5)	2015
IMPROVEMENT DIST #1	5400968	51.7	166.85	282	HARDNESS (TOTAL) AS CACO3	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2015
IMPROVEMENT DIST #1	5400968	1	1	1	HYDROXIDE ALKALINITY	2015
IMPROVEMENT DIST #1	5400968	100	160	220	IRON	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ISOPROPYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	1	3.35	5.7	LEAD	2015
IMPROVEMENT DIST #1	5400968	2.1	9.95	17.8	MAGNESIUM	2015
IMPROVEMENT DIST #1	5400968	20	20	20	MANGANESE	2015
IMPROVEMENT DIST #1	5400968	0.2	0.345	0.49	MERCURY	2015

System Name	System Number	Min	Average	Max	Chemical	Sample Year
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	METHYL-TERT-BUTYL-ETHER (MTBE)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	MONOCHLOROBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	N-BUTYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	NAPHTHALENE	2015
IMPROVEMENT DIST #1	5400968	3.52	3.53	3.54	NITRATE (AS N)	2015
IMPROVEMENT DIST #1	5400968	1	1	1	ODOR THRESHOLD @ 60 C	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2015
IMPROVEMENT DIST #1	5400968	4	4	4	PERCHLORATE	2015
IMPROVEMENT DIST #1	5400968	6.9	7.15	7.4	PH, LABORATORY	2015
IMPROVEMENT DIST #1	5400968	0.24	0.743333	1.28	RADIUM 228	2015
IMPROVEMENT DIST #1	5400968	0.04	0.108333	0.17	RADIUM 228 COUNTING ERROR	2015
IMPROVEMENT DIST #1	5400968	0.24	0.550833	1.01	RADIUM 228 MDA95	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	SEC-BUTYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	2	2.05	2.1	SELENIUM	2015
IMPROVEMENT DIST #1	5400968	6	30.5	55	SODIUM	2015
IMPROVEMENT DIST #1	5400968	124	479.5	835	SPECIFIC CONDUCTANCE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	STYRENE	2015
IMPROVEMENT DIST #1	5400968	2.8	8.6	14.4	SULFATE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TERT-AMYL-METHYL ETHER	2015
IMPROVEMENT DIST #1	5400968	10	10	10	TERT-BUTYL ALCOHOL	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TERT-BUTYLBENZENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TETRACHLOROETHYLENE	2015
IMPROVEMENT DIST #1	5400968	1	1	1	THALLIUM	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TOLUENE	2015
IMPROVEMENT DIST #1	5400968	82	297.5	513	TOTAL DISSOLVED SOLIDS	2015
IMPROVEMENT DIST #1	5400968	2	6.633333	14	TOTAL TRIHALOMETHANES	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2015
IMPROVEMENT DIST #1	5400968	1.3	1.3	1.3	TRICHLOROACETIC ACID (TCAA)	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRICHLOROETHYLENE	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2015
IMPROVEMENT DIST #1	5400968	0.2	0.35	0.5	TURBIDITY, LABORATORY	2015
IMPROVEMENT DIST #1	5400968	12	18.065	24.13	URANIUM (PCI/L)	2015
IMPROVEMENT DIST #1	5400968	3.29	3.29	3.29	URANIUM COUNTING ERROR	2015
IMPROVEMENT DIST #1	5400968	1.23	1.23	1.23	URANIUM MDA95	2015
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	VINYL CHLORIDE	2015
IMPROVEMENT DIST #1	5400968	1	1	1	XYLENES (TOTAL)	2015
IMPROVEMENT DIST #1	5400968	50	50	50	ZINC	2015
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	ALACHLOR	2016
IMPROVEMENT DIST #1	5400968	179	179	179	ALKALINITY (TOTAL) AS CACO3	2016
IMPROVEMENT DIST #1	5400968	115	139.333333	165	ALUMINUM	2016
IMPROVEMENT DIST #1	5400968	2	2	2	ANTIMONY	2016
IMPROVEMENT DIST #1	5400968	2	2	2	ARSENIC	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	ATRATON	2016
IMPROVEMENT DIST #1	5400968	0.3	0.3	0.3	ATRAZINE	2016
IMPROVEMENT DIST #1	5400968	100	100	100	BARIUM	2016
IMPROVEMENT DIST #1	5400968	1	1	1	BERYLLIUM	2016
IMPROVEMENT DIST #1	5400968	179	179	179	BICARBONATE ALKALINITY	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	BROMACIL	2016
IMPROVEMENT DIST #1	5400968	0.3	0.3	0.3	BUTACHLOR	2016
IMPROVEMENT DIST #1	5400968	1	1	1	CADMIUM	2016
IMPROVEMENT DIST #1	5400968	60.4	60.4	60.4	CALCIUM	2016
IMPROVEMENT DIST #1	5400968	1	1	1	CARBONATE ALKALINITY	2016
IMPROVEMENT DIST #1	5400968	39	39	39	CHLORIDE	2016
IMPROVEMENT DIST #1	5400968	10	10	10	CHROMIUM (TOTAL)	2016
IMPROVEMENT DIST #1	5400968	5	5	5	COLOR	2016
IMPROVEMENT DIST #1	5400968	50	50	50	COPPER	2016
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	DIAZINON	2016
IMPROVEMENT DIST #1	5400968	2	2	2	DIMETHOATE	2016
IMPROVEMENT DIST #1	5400968	0.1	0.133333	0.2	FLUORIDE (F) (NATURAL-SOURCE)	2016
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2016
IMPROVEMENT DIST #1	5400968	0.246	0.3935	0.669	GROSS ALPHA COUNTING ERROR	2016
IMPROVEMENT DIST #1	5400968	0.747	1.3635	1.98	GROSS ALPHA MDA95	2016
IMPROVEMENT DIST #1	5400968	201	201	201	HARDNESS (TOTAL) AS CACO3	2016
IMPROVEMENT DIST #1	5400968	1	1	1	HYDROXIDE ALKALINITY	2016
IMPROVEMENT DIST #1	5400968	100	100	100	IRON	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	LANGELIER INDEX AT SOURCE TEMP.	2016
IMPROVEMENT DIST #1	5400968	1	1	1	LEAD	2016
IMPROVEMENT DIST #1	5400968	12.2	12.2	12.2	MAGNESIUM	2016
IMPROVEMENT DIST #1	5400968	20	20	20	MANGANESE	2016
IMPROVEMENT DIST #1	5400968	0.2	0.2	0.2	MERCURY	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	METOLACHLOR	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	METRIBUZIN	2016

System Name	System Number	Min	Average	Max	Chemical	Sample Year
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	MOLINATE	2016
IMPROVEMENT DIST #1	5400968	10	10	10	NICKEL	2016
IMPROVEMENT DIST #1	5400968	0.4	0.866666	1.8	NITRATE (AS N)	2016
IMPROVEMENT DIST #1	5400968	0.4	0.4	0.4	NITRITE (AS N)	2016
IMPROVEMENT DIST #1	5400968	1	1	1	ODOR THRESHOLD @ 60 C	2016
IMPROVEMENT DIST #1	5400968	7.8	7.8	7.8	PH, LABORATORY	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PROMETON	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PROMETRYN	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	PROPACHLOR	2016
IMPROVEMENT DIST #1	5400968	0.63	1.15	1.71	RADIUM 228	2016
IMPROVEMENT DIST #1	5400968	0.14	0.2975	0.5	RADIUM 228 COUNTING ERROR	2016
IMPROVEMENT DIST #1	5400968	0.41	1.1475	2.1	RADIUM 228 MDA95	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	SECBUMETON	2016
IMPROVEMENT DIST #1	5400968	2	2	2	SELENIUM	2016
IMPROVEMENT DIST #1	5400968	10	10	10	SILVER	2016
IMPROVEMENT DIST #1	5400968	0.3	0.3	0.3	SIMAZINE	2016
IMPROVEMENT DIST #1	5400968	33	33	33	SODIUM	2016
IMPROVEMENT DIST #1	5400968	434	434	434	SPECIFIC CONDUCTANCE	2016
IMPROVEMENT DIST #1	5400968	8	8	8	SULFATE	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	TERBUTRYN	2016
IMPROVEMENT DIST #1	5400968	1	1	1	THALLIUM	2016
IMPROVEMENT DIST #1	5400968	0.5	0.5	0.5	THIOBENCARB	2016
IMPROVEMENT DIST #1	5400968	300	300	300	TOTAL DISSOLVED SOLIDS	2016
IMPROVEMENT DIST #1	5400968	0.1	0.1	0.1	TURBIDITY, LABORATORY	2016
IMPROVEMENT DIST #1	5400968	13	13	13	URANIUM (PCI/L)	2016
IMPROVEMENT DIST #1	5400968	50	50	50	ZINC	2016
LAKE ELOWIN RESORT	5400761	0.4	0.4	0.4	NITRATE (AS NO3)	2011
LAKE ELOWIN RESORT	5400761	0.4	0.4	0.4	NITRATE (AS NO3)	2012
LAKE ELOWIN RESORT	5400761	0.3	0.3	0.3	NITRITE (AS N)	2012
LAKE ELOWIN RESORT	5400761	0.4	0.4	0.4	NITRATE (AS NO3)	2013
LAKE ELOWIN RESORT	5400761	0.3	0.3	0.3	NITRITE (AS N)	2013
LAKE ELOWIN RESORT	5400761	0.4	0.4	0.4	NITRATE (AS NO3)	2014
LAKE ELOWIN RESORT	5400761	0.1	0.1	0.1	NITRATE (AS N)	2016
LAKE ELOWIN RESORT	5400761	0.3	0.3	0.3	NITRITE (AS N)	2016
LOWER SPRINGS WATER CO	5403001	18	18	18	NITRATE (AS NO3)	2011
LOWER SPRINGS WATER CO	5403001	4.8	4.8	4.8	BROMODICHLORMETHANE (THM)	2012
LOWER SPRINGS WATER CO	5403001	1.1	1.1	1.1	BROMOFORM (THM)	2012
LOWER SPRINGS WATER CO	5403001	4.7	4.7	4.7	CHLOROFORM (THM)	2012
LOWER SPRINGS WATER CO	5403001	2.7	2.7	2.7	DIBROMOACETIC ACID (DBAA)	2012
LOWER SPRINGS WATER CO	5403001	4.6	4.6	4.6	DIBROMOCHLOROMETHANE (THM)	2012
LOWER SPRINGS WATER CO	5403001	3.3	3.3	3.3	DICHLOROACETIC ACID (DCAA)	2012
LOWER SPRINGS WATER CO	5403001	7.6	7.6	7.6	HALOACETIC ACIDS (5) (HAA5)	2012
LOWER SPRINGS WATER CO	5403001	0	0	0	MONOBROMOACETIC ACID (MBAA)	2012
LOWER SPRINGS WATER CO	5403001	0	0	0	MONOCHLOROACETIC ACID (MCAA)	2012
LOWER SPRINGS WATER CO	5403001	20	20	20	NITRATE (AS NO3)	2012
LOWER SPRINGS WATER CO	5403001	15	15	15	TOTAL TRIHALOMETHANES	2012
LOWER SPRINGS WATER CO	5403001	1.6	1.6	1.6	TRICHLOROACETIC ACID (TCAA)	2012
LOWER SPRINGS WATER CO	5403001	21	21	21	NITRATE (AS NO3)	2013
LOWER SPRINGS WATER CO	5403001	21	21	21	NITRATE (AS NO3)	2014
LOWER SPRINGS WATER CO	5403001	10	10	10	NITRATE (AS N)	2015
LOWER SPRINGS WATER CO	5403001	0	0	0	NITRATE (AS N)	2016
NORTH KAWEAH MUTUAL WATER CO	5400506	9.6	9.9	10.2	AGGRSSIVE INDEX (CORROSIVITY)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	30	45	60	ALKALINITY (TOTAL) AS CACO3	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	10	15	20	ALUMINUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	ANTIMONY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	2	5	8	ARSENIC	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	22.9	26.85	30.8	BARIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	BERYLLIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	40	55	70	BICARBONATE ALKALINITY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.1	0.1	0.1	BORON	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	CADMIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	11	11	11	CALCIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	10	10	10	CARBONATE ALKALINITY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	2	5	8	CHLORIDE	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	CHROMIUM (TOTAL)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	25	32.5	40	COLOR	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	10	10	10	COPPER	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.1	0.1	0.1	FLUORIDE (F) (NATURAL-SOURCE)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	35.7	35.7	35.7	HARDNESS (TOTAL) AS CACO3	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	10	10	10	HYDROXIDE ALKALINITY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	430	3095	5760	IRON	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
NORTH KAWEAH MUTUAL WATER CO	5400506	1.6	1.9	2.2	LANGELIER INDEX AT SOURCE TEMP.	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.8	1.05	1.3	LEAD	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	2	2	2	MAGNESIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	140	160	180	MANGANESE	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.02	0.02	0.02	MERCURY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	NICKEL	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.4	0.4	0.4	NITRATE (AS NO3)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.1	0.1	0.1	NITRATE + NITRITE (AS N)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.1	0.1	0.1	NITRITE (AS N)	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	ODOR THRESHOLD @ 60 C	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	6.7	6.85	7	PH, LABORATORY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1.5	2	POTASSIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	2	2	2	SELENIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	SILVER	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	4	5	6	SODIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.3	0.35	0.4	SODIUM ABSORPTION RATIO	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	88	100	112	SPECIFIC CONDUCTANCE	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	2	2	2	SULFATE	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1	1	1	THALLIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	80	80	80	TOTAL DISSOLVED SOLIDS	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	1.4	13.75	26.1	TURBIDITY, LABORATORY	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	2	3	4	VANADIUM	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	20	25	30	ZINC	2011
NORTH KAWEAH MUTUAL WATER CO	5400506	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2014
NORTH KAWEAH MUTUAL WATER CO	5400506	1.3	1.3	1.3	NITRATE (AS NO3)	2014
PARK INVESTMENTS	5400887	17.8	17.8	17.8	NITRATE (AS NO3)	2011
PARK INVESTMENTS	5400887	19.8	19.8	19.8	NITRATE (AS NO3)	2012
PARK INVESTMENTS	5400887	20.3	20.3	20.3	NITRATE (AS NO3)	2013
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1-DICHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,2-DICHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	2-CHLOROTOLUENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	4-CHLOROTOLUENE	2014
PARK INVESTMENTS	5400887	1	1	1	ALACHLOR	2014
PARK INVESTMENTS	5400887	10	10	10	ALUMINUM	2014
PARK INVESTMENTS	5400887	1	1	1	ANTIMONY	2014
PARK INVESTMENTS	5400887	4	4	4	ARSENIC	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	ATRAZINE	2014
PARK INVESTMENTS	5400887	216	216	216	BARIUM	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	BENZENE	2014
PARK INVESTMENTS	5400887	1	1	1	BERYLLIUM	2014
PARK INVESTMENTS	5400887	2	2	2	BROMACIL	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	BROMOBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	BROMOCHLOROMETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	BROMODICHLORMETHANE (THM)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	BROMOFORM (THM)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	BROMOMETHANE	2014
PARK INVESTMENTS	5400887	0.38	0.38	0.38	BUTACHLOR	2014
PARK INVESTMENTS	5400887	0.2	0.2	0.2	CADMIUM	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CARBON TETRACHLORIDE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CHLOROETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CHLOROFORM (THM)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CHLOROMETHANE	2014
PARK INVESTMENTS	5400887	1	1	1	CHROMIUM (TOTAL)	2014

System Name	System Number	Min	Average	Max	Chemical	Sample Year
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CIS-1,3-DICHLOROPROPENE	2014
PARK INVESTMENTS	5400887	2	2	2	DIAZINON	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	DIBROMOCHLOROMETHANE (THM)	2014
PARK INVESTMENTS	5400887	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	DIBROMOMETHANE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	DICHLOROMETHANE	2014
PARK INVESTMENTS	5400887	3	3	3	DIISOPROPYL ETHER	2014
PARK INVESTMENTS	5400887	2	2	2	DIMETHOATE	2014
PARK INVESTMENTS	5400887	3	3	3	ETHYL-TERT-BUTYL ETHER	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	ETHYLBENZENE	2014
PARK INVESTMENTS	5400887	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2014
PARK INVESTMENTS	5400887	0.669	0.9145	1.16	GROSS ALPHA	2014
PARK INVESTMENTS	5400887	1.18	1.23	1.28	GROSS ALPHA COUNTING ERROR	2014
PARK INVESTMENTS	5400887	1.44	1.5	1.56	GROSS ALPHA MDA95	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	ISOPROPYLBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	LEAD	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	M,P-XYLENE	2014
PARK INVESTMENTS	5400887	0.02	0.02	0.02	MERCURY	2014
PARK INVESTMENTS	5400887	1	1	1	METHYL-TERT-BUTYL-ETHER (MTBE)	2014
PARK INVESTMENTS	5400887	1	1	1	METOLACHLOR	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	METRIBUZIN	2014
PARK INVESTMENTS	5400887	2	2	2	MOLINATE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	MONOCHLOROBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	N-BUTYLBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	NAPHTHALENE	2014
PARK INVESTMENTS	5400887	1	1	1	NICKEL	2014
PARK INVESTMENTS	5400887	18.3	18.3	18.3	NITRATE (AS NO3)	2014
PARK INVESTMENTS	5400887	0.3	0.3	0.3	NITRITE (AS N)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	O-XYLENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2014
PARK INVESTMENTS	5400887	2	2	2	PROMETRYN	2014
PARK INVESTMENTS	5400887	1	1	1	PROPACHLOR	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	SEC-BUTYLBENZENE	2014
PARK INVESTMENTS	5400887	1	1	1	SELENIUM	2014
PARK INVESTMENTS	5400887	1	1	1	SILVER	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	SIMAZINE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	STYRENE	2014
PARK INVESTMENTS	5400887	3	3	3	TERT-AMYL-METHYL ETHER	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TERT-BUTYLBENZENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TETRACHLOROETHYLENE	2014
PARK INVESTMENTS	5400887	0.2	0.2	0.2	THALLIUM	2014
PARK INVESTMENTS	5400887	1	1	1	THIOBENCARB	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TOLUENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TOTAL TRIHALOMETHANES	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TRANS-1,3-DICHLOROPROPENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TRICHLOROETHYLENE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2014
PARK INVESTMENTS	5400887	0.569	0.569	0.569	URANIUM (PCI/L)	2014
PARK INVESTMENTS	5400887	0.478	0.478	0.478	URANIUM COUNTING ERROR	2014
PARK INVESTMENTS	5400887	0.3	0.3	0.3	URANIUM MDA95	2014
PARK INVESTMENTS	5400887	18	18	18	VANADIUM	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	VINYL CHLORIDE	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	XYLENES (TOTAL)	2014
PARK INVESTMENTS	5400887	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2015
PARK INVESTMENTS	5400887	1.82	1.82	1.82	GROSS ALPHA	2015
PARK INVESTMENTS	5400887	1.47	1.47	1.47	GROSS ALPHA COUNTING ERROR	2015
PARK INVESTMENTS	5400887	1.5	1.5	1.5	GROSS ALPHA MDA95	2015
PARK INVESTMENTS	5400887	3.9	3.9	3.9	NITRATE (AS N)	2015
PARK INVESTMENTS	5400887	17.1	17.1	17.1	NITRATE (AS NO3)	2015
PARK INVESTMENTS	5400887	0.3	0.3	0.3	NITRITE (AS N)	2015
PARK INVESTMENTS	5400887	0	0	0	ASBESTOS	2016
PARK INVESTMENTS	5400887	0.1	0.1	0.1	FLUORIDE (F) (NATURAL-SOURCE)	2016
PARK INVESTMENTS	5400887	1	1	1	METHYL-TERT-BUTYL-ETHER (MTBE)	2016
PARK INVESTMENTS	5400887	2	2	2	PERCHLORATE	2016
PARK INVESTMENTS	5400887	0	0	0	RADIUM 228	2016
PARK INVESTMENTS	5400887	0.719	0.719	0.719	RADIUM 228 COUNTING ERROR	2016
PARK INVESTMENTS	5400887	0.2	0.2	0.2	RADIUM 228 MDA95	2016
RIVER RETREAT MUTUAL	5400556	3.3	3.3	3.3	BROMOFORM (THM)	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
RIVER RETREAT MUTUAL	5400556	1.3	1.3	1.3	DIBROMOCHLOROMETHANE (THM)	2011
RIVER RETREAT MUTUAL	5400556	4.64	4.64	4.64	GROSS ALPHA	2011
RIVER RETREAT MUTUAL	5400556	0.16	0.16	0.16	GROSS ALPHA COUNTING ERROR	2011
RIVER RETREAT MUTUAL	5400556	7.1	7.1	7.1	HALOACETIC ACIDS (5) (HAA5)	2011
RIVER RETREAT MUTUAL	5400556	7.1	7.1	7.1	MONOCHLOROACETIC ACID (MCAA)	2011
RIVER RETREAT MUTUAL	5400556	1100	1100	1100	SPECIFIC CONDUCTANCE	2011
RIVER RETREAT MUTUAL	5400556	5.2	5.2	5.2	TOTAL TRIHALOMETHANES	2011
RIVER RETREAT MUTUAL	5400556	0.22	0.2925	0.365	GROSS ALPHA COUNTING ERROR	2012
RIVER RETREAT MUTUAL	5400556	1.16	1.16	1.16	GROSS ALPHA MDA95	2012
RIVER RETREAT MUTUAL	5400556	12	12	12	AGGRSSIVE INDEX (CORROSIVITY)	2013
RIVER RETREAT MUTUAL	5400556	91	91	91	ALKALINITY (TOTAL) AS CACO3	2013
RIVER RETREAT MUTUAL	5400556	110	110	110	BICARBONATE ALKALINITY	2013
RIVER RETREAT MUTUAL	5400556	97	97	97	CALCIUM	2013
RIVER RETREAT MUTUAL	5400556	460	460	460	CHLORIDE	2013
RIVER RETREAT MUTUAL	5400556	0.53	0.53	0.53	FLUORIDE (F) (NATURAL-SOURCE)	2013
RIVER RETREAT MUTUAL	5400556	3.31	4.69	6.07	GROSS ALPHA	2013
RIVER RETREAT MUTUAL	5400556	0.365	0.3885	0.412	GROSS ALPHA COUNTING ERROR	2013
RIVER RETREAT MUTUAL	5400556	1.64	2.115	2.59	GROSS ALPHA MDA95	2013
RIVER RETREAT MUTUAL	5400556	270	270	270	HARDNESS (TOTAL) AS CACO3	2013
RIVER RETREAT MUTUAL	5400556	0.25	0.25	0.25	LANGELIER INDEX @ 60 C	2013
RIVER RETREAT MUTUAL	5400556	6.9	6.9	6.9	MAGNESIUM	2013
RIVER RETREAT MUTUAL	5400556	10	10	10	ODOR THRESHOLD @ 60 C	2013
RIVER RETREAT MUTUAL	5400556	7.9	7.9	7.9	PH, LABORATORY	2013
RIVER RETREAT MUTUAL	5400556	5.1	5.1	5.1	POTASSIUM	2013
RIVER RETREAT MUTUAL	5400556	7.1	7.1	7.1	SELENIUM	2013
RIVER RETREAT MUTUAL	5400556	210	210	210	SODIUM	2013
RIVER RETREAT MUTUAL	5400556	1600	1600	1600	SPECIFIC CONDUCTANCE	2013
RIVER RETREAT MUTUAL	5400556	1100	1100	1100	TOTAL DISSOLVED SOLIDS	2013
RIVER RETREAT MUTUAL	5400556	0.25	0.25	0.25	TURBIDITY, LABORATORY	2013
RIVER RETREAT MUTUAL	5400556	8.28	8.28	8.28	GROSS ALPHA	2014
RIVER RETREAT MUTUAL	5400556	0.454	0.454	0.454	GROSS ALPHA COUNTING ERROR	2014
RIVER RETREAT MUTUAL	5400556	1.64	1.64	1.64	GROSS ALPHA MDA95	2014
RIVER RETREAT MUTUAL	5400556	1	1	1	RADIUM 228	2014
RIVER RETREAT MUTUAL	5400556	0.337	0.337	0.337	RADIUM 228 COUNTING ERROR	2014
RIVER RETREAT MUTUAL	5400556	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2015
RIVER RETREAT MUTUAL	5400556	0.1	0.1	0.1	NITRATE (AS N)	2015
RIVER RETREAT MUTUAL	5400556	0.4	0.4	0.4	NITRATE (AS NO3)	2015
RIVERVIEW RESTAURANT	5403061	63	63	63	ALKALINITY (TOTAL) AS CACO3	2012
RIVERVIEW RESTAURANT	5403061	63	63	63	BICARBONATE ALKALINITY	2012
RIVERVIEW RESTAURANT	5403061	17.2	17.2	17.2	CALCIUM	2012
RIVERVIEW RESTAURANT	5403061	1	1	1	CARBONATE ALKALINITY	2012
RIVERVIEW RESTAURANT	5403061	0.1	0.1	0.1	FLUORIDE (F) (NATURAL-SOURCE)	2012
RIVERVIEW RESTAURANT	5403061	55	55	55	HARDNESS (TOTAL) AS CACO3	2012
RIVERVIEW RESTAURANT	5403061	1	1	1	HYDROXIDE ALKALINITY	2012
RIVERVIEW RESTAURANT	5403061	219	219	219	IRON	2012
RIVERVIEW RESTAURANT	5403061	2.9	2.9	2.9	MAGNESIUM	2012
RIVERVIEW RESTAURANT	5403061	20	20	20	MANGANESE	2012
RIVERVIEW RESTAURANT	5403061	2	2	2	NITRATE (AS NO3)	2012
RIVERVIEW RESTAURANT	5403061	400	400	400	NITRITE (AS N)	2012
RIVERVIEW RESTAURANT	5403061	6.6	6.6	6.6	PH, LABORATORY	2012
RIVERVIEW RESTAURANT	5403061	12.4	12.4	12.4	SODIUM	2012
RIVERVIEW RESTAURANT	5403061	5.8	5.8	5.8	NITRATE (AS NO3)	2013
RIVERVIEW RESTAURANT	5403061	0.3	0.3	0.3	NITRATE (AS N)	2015
RIVERVIEW RESTAURANT	5403061	1.3	1.3	1.3	NITRATE (AS NO3)	2015
RIVERVIEW RESTAURANT	5403061	0.1	0.1	0.1	NITRITE (AS N)	2015
SEQUOIA CIDER MILL	5401001	0	0	0	NITRATE (AS NO3)	2011
SEQUOIA CIDER MILL	5401001	0	0	0	NITRITE (AS N)	2011
SEQUOIA CIDER MILL	5401001	0	0	0	NITRATE (AS NO3)	2014
SEQUOIA CIDER MILL	5401001	0	0	0	NITRATE (AS NO3)	2015
SEQUOIA RV RANCH	5400629	40.3	40.3	40.3	NITRATE (AS NO3)	2011
SEQUOIA RV RANCH	5400629	36.5	36.5	36.5	NITRATE (AS NO3)	2012
SEQUOIA RV RANCH	5400629	26.8	26.8	26.8	NITRATE (AS NO3)	2013
SEQUOIA RV RANCH	5400629	26.1	26.1	26.1	NITRATE (AS NO3)	2014
SEQUOIA RV RANCH	5400629	6.1	6.1	6.1	NITRATE (AS N)	2015
SEQUOIA VILLAGE INN	5400644	0.4	0.4	0.4	NITRATE (AS NO3)	2012
SEQUOIA VILLAGE INN	5400644	0.5	0.5	0.5	NITRATE (AS N)	2015
SEQUOIA VILLAGE INN	5400644	2	2	2	NITRATE (AS NO3)	2015
SEQUOIA VILLAGE INN	5400644	0.3	0.3	0.3	NITRITE (AS N)	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1-DICHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2,3-TRICHLOROPROPANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2-DICHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	2-CHLOROTOLUENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	4-CHLOROTOLUENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	11.7	11.7	11.7	AGGRSSIVE INDEX (CORROSIVITY)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ALACHLOR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	150	150	150	ALKALINITY (TOTAL) AS CACO3	2011
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	ALUMINUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ANTIMONY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	ARSENIC	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	ATRAZINE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	54	54	54	BARIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	BENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	BERYLLIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	180	180	180	BICARBONATE ALKALINITY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	BORON	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	BROMACIL	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	BROMOBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	BROMOCHLOROMETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	BROMODICHLORMETHANE (THM)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	BROMOFORM (THM)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	BROMOMETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	BUTACHLOR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	CADMIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	46	46	46	CALCIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CARBON TETRACHLORIDE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	CARBONATE ALKALINITY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	14	14	14	CHLORIDE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CHLOROETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CHLOROFORM (THM)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CHLOROMETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	CHROMIUM (TOTAL)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CIS-1,3-DICHLOROPROPENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	COLOR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	COPPER	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIAZINON	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	DIBROMOCHLOROMETHANE (THM)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	DIBROMOMETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	DICHLOROMETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	DIISOPROPYL ETHER	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIMETHOATE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	ETHYL-TERT-BUTYL ETHER	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	ETHYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	FLUORIDE (F) (NATURAL-SOURCE)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2.35	13.075	23.8	GROSS ALPHA	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1.52	2.33	3.14	GROSS ALPHA COUNTING ERROR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1.12	1.265	1.41	GROSS ALPHA MDA95	2011
SIERRA KING HOMEOWNERS ASSN	5400940	168	168	168	HARDNESS (TOTAL) AS CACO3	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	HYDROXIDE ALKALINITY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	50	50	50	IRON	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	ISOPROPYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	LANGELIER INDEX AT SOURCE TEMP.	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SIERRA KING HOMEOWNERS ASSN	5400940	1.2	1.2	1.2	LEAD	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	M,P-XYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	13	13	13	MAGNESIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	MANGANESE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.02	0.02	0.02	MERCURY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	METHYL-TERT-BUTYL-ETHER (MTBE)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	METOLACHLOR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	METRIBUZIN	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	MOLINATE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	MONOCHLOROBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	N-BUTYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	NAPHTHALENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	NICKEL	2011
SIERRA KING HOMEOWNERS ASSN	5400940	5.8	7.433333	10.5	NITRATE (AS NO3)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2400	2400	2400	NITRATE + NITRITE (AS N)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	NITRITE (AS N)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	O-XYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ODOR THRESHOLD @ 60 C	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PERCHLORATE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	7.5	7.5	7.5	PH, LABORATORY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	POTASSIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PROMETRYN	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	PROPACHLOR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	SEC-BUTYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	SELENIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	SILVER	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	SIMAZINE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	16	16	16	SODIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	SODIUM ABSORPTION RATIO	2011
SIERRA KING HOMEOWNERS ASSN	5400940	380	380	380	SPECIFIC CONDUCTANCE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	STYRENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	15	15	15	SULFATE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	TERT-AMYL-METHYL ETHER	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TERT-BUTYLBENZENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TETRACHLOROETHYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	THALLIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	THIOBENCARB	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TOLUENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	260	260	260	TOTAL DISSOLVED SOLIDS	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TOTAL TRIHALOMETHANES	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TRANS-1,3-DICHLOROPROPENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TRICHLOROETHYLENE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.3	0.3	0.3	TURBIDITY, LABORATORY	2011
SIERRA KING HOMEOWNERS ASSN	5400940	18.3	18.3	18.3	URANIUM (PCI/L)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	3.7	3.7	3.7	URANIUM COUNTING ERROR	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.595	0.595	0.595	URANIUM MDA95	2011
SIERRA KING HOMEOWNERS ASSN	5400940	18	18	18	VANADIUM	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	VINYL CHLORIDE	2011
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	XYLENES (TOTAL)	2011
SIERRA KING HOMEOWNERS ASSN	5400940	110	110	110	ZINC	2011
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	2,4,5-T	2012
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	2,4,5-TP (SILVEX)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	2,4-D	2012
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	3-HYDROXYCARBOFURAN	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	ALACHLOR	2012
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	ALDICARB	2012
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	ALDICARB SULFONE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	ALDICARB SULFOXIDE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	ALDRIN	2012
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	BENTAZON	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	BENZO (A) PYRENE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	CARBARYL	2012
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	CARBOFURAN	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	CHLORDANE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	DALAPON	2012
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	DI(2-ETHYLHEXYL)ADIPATE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	DI(2-ETHYLHEXYL)PHTHALATE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	DICAMBA	2012

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	DIELDRIN	2012
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	DINOSEB	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	ENDRIN	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	20	20	20	GLYPHOSATE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	HEPTACHLOR	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	HEPTACHLOR EPOXIDE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	HEXACHLOROBENZENE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	HEXACHLOROCYCLOPENTADIENE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.05	0.05	0.05	LINDANE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	METHOMYL	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	METHOXYCHLOR	2012
SIERRA KING HOMEOWNERS ASSN	5400940	2.2	4.666666	7.1	NITRATE (AS NO3)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	OXAMYL	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1016 (AS DECACHLOROBIPHENYL (DCB))	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1221 (AS DCB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1232 (AS DCB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1242 (AS DCB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1248 (AS DCB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1254 (AS DCB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PCB-1260 (AS DCB)	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	PENTACHLOROPHENOL	2012
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PERCHLORATE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	PICLORAM	2012
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	TOXAPHENE	2012
SIERRA KING HOMEOWNERS ASSN	5400940	11.2	11.2	11.2	AGGRSSIVE INDEX (CORROSIVITY)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	130	130	130	ALKALINITY (TOTAL) AS CACO3	2013
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	ALUMINUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ANTIMONY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	7	7	7	ARSENIC	2013
SIERRA KING HOMEOWNERS ASSN	5400940	10.5	10.5	10.5	BARIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	BERYLLIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	160	160	160	BICARBONATE ALKALINITY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	BORON	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	CADMIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	33	33	33	CALCIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	CARBONATE ALKALINITY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	13	13	13	CHLORIDE	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	CHROMIUM (TOTAL)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	COLOR	2013
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	COPPER	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.7	0.7	0.7	FLUORIDE (F) (NATURAL-SOURCE)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	115	115	115	HARDNESS (TOTAL) AS CACO3	2013
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	HYDROXIDE ALKALINITY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	50	50	50	IRON	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.6	0.6	0.6	LANGELIER INDEX AT SOURCE TEMP.	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	LEAD	2013
SIERRA KING HOMEOWNERS ASSN	5400940	8	8	8	MAGNESIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	MANGANESE	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.02	0.02	0.02	MERCURY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	NICKEL	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1.5	3.8	6.1	NITRATE (AS NO3)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1400	1400	1400	NITRATE + NITRITE (AS N)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	NITRITE (AS N)	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ODOR THRESHOLD @ 60 C	2013
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PERCHLORATE	2013
SIERRA KING HOMEOWNERS ASSN	5400940	7.2	7.2	7.2	PH, LABORATORY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	POTASSIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	SELENIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	SILVER	2013
SIERRA KING HOMEOWNERS ASSN	5400940	22	22	22	SODIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.9	0.9	0.9	SODIUM ABSORPTION RATIO	2013
SIERRA KING HOMEOWNERS ASSN	5400940	336	336	336	SPECIFIC CONDUCTANCE	2013
SIERRA KING HOMEOWNERS ASSN	5400940	14	14	14	SULFATE	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	THALLIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	230	230	230	TOTAL DISSOLVED SOLIDS	2013
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	TURBIDITY, LABORATORY	2013
SIERRA KING HOMEOWNERS ASSN	5400940	7	7	7	VANADIUM	2013
SIERRA KING HOMEOWNERS ASSN	5400940	20	20	20	ZINC	2013
SIERRA KING HOMEOWNERS ASSN	5400940	11.9	11.95	12	AGGRSSIVE INDEX (CORROSIVITY)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ALACHLOR	2014

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SIERRA KING HOMEOWNERS ASSN	5400940	130	140	150	ALKALINITY (TOTAL) AS CACO3	2014
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	ALUMINUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ANTIMONY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	5	6	7	ARSENIC	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	ATRAZINE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	3.9	14.2	24.5	BARIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	BERYLLIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	160	170	180	BICARBONATE ALKALINITY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	150.05	300	BORON	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	BROMACIL	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.38	0.38	0.38	BUTACHLOR	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	CADMIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	37	41	45	CALCIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	CARBONATE ALKALINITY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	10	15.5	21	CHLORIDE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	CHROMIUM (TOTAL)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	5	5	5	COLOR	2014
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	COPPER	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIAZINON	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIMETHOATE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.4	0.8	1.2	FLUORIDE (F) (NATURAL-SOURCE)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	8.42	11.46	14.5	GROSS ALPHA	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2.01	2.225	2.44	GROSS ALPHA COUNTING ERROR	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1.03	1.08	1.13	GROSS ALPHA MDA95	2014
SIERRA KING HOMEOWNERS ASSN	5400940	125	139	153	HARDNESS (TOTAL) AS CACO3	2014
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	HYDROXIDE ALKALINITY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	50	55	60	IRON	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.15	0.2	LANGELIER INDEX AT SOURCE TEMP.	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.55	0.6	LEAD	2014
SIERRA KING HOMEOWNERS ASSN	5400940	8	9	10	MAGNESIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	10	10	10	MANGANESE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.02	0.055	0.09	MERCURY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	METOLACHLOR	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	METRIBUZIN	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	MOLINATE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	NICKEL	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.4	1.75	3.8	NITRATE (AS NO3)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	100	500	900	NITRATE + NITRITE (AS N)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.1	0.1	0.1	NITRITE (AS N)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ODOR THRESHOLD @ 60 C	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PERCHLORATE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	7.7	7.8	7.9	PH, LABORATORY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	3	3	3	POTASSIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PROMETRYN	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	PROPACHLOR	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.038	0.038	0.038	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.222	0.222	0.222	RA-226 OR TOTAL RA BY 903.0 C.E.	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.418	0.418	0.418	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	SELENIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	SILVER	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	SIMAZINE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	20	24.5	29	SODIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.7	0.9	1.1	SODIUM ABSORPTION RATIO	2014
SIERRA KING HOMEOWNERS ASSN	5400940	377	381	385	SPECIFIC CONDUCTANCE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	21.7	22.35	23	SULFATE	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	THALLIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	THIOBENCARB	2014
SIERRA KING HOMEOWNERS ASSN	5400940	210	225	240	TOTAL DISSOLVED SOLIDS	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	TURBIDITY, LABORATORY	2014
SIERRA KING HOMEOWNERS ASSN	5400940	2.95	7.725	12.5	URANIUM (PCI/L)	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1.06	1.79	2.52	URANIUM COUNTING ERROR	2014
SIERRA KING HOMEOWNERS ASSN	5400940	0.3	0.3505	0.401	URANIUM MDA95	2014
SIERRA KING HOMEOWNERS ASSN	5400940	4	6.5	9	VANADIUM	2014
SIERRA KING HOMEOWNERS ASSN	5400940	20	35	50	ZINC	2014
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ALACHLOR	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	ATRAZINE	2015
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	BROMACIL	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.38	0.38	0.38	BUTACHLOR	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2015

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIAZINON	2015
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIMETHOATE	2015
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	METOLACHLOR	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	METRIBUZIN	2015
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	MOLINATE	2015
SIERRA KING HOMEOWNERS ASSN	5400940	2.9	3.1	3.3	NITRATE (AS NO3)	2015
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PERCHLORATE	2015
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PROMETRYN	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PROPACHLOR	2015
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	SIMAZINE	2015
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	THIOBENCARB	2015
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	ALACHLOR	2016
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	ATRAZINE	2016
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	BROMACIL	2016
SIERRA KING HOMEOWNERS ASSN	5400940	0.38	0.38	0.38	BUTACHLOR	2016
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIAZINON	2016
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	DIMETHOATE	2016
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	METOLACHLOR	2016
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	METRIBUZIN	2016
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	MOLINATE	2016
SIERRA KING HOMEOWNERS ASSN	5400940	0.2	0.2	0.2	NITRATE (AS N)	2016
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PERCHLORATE	2016
SIERRA KING HOMEOWNERS ASSN	5400940	2	2	2	PROMETRYN	2016
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	PROPACHLOR	2016
SIERRA KING HOMEOWNERS ASSN	5400940	0.5	0.5	0.5	SIMAZINE	2016
SIERRA KING HOMEOWNERS ASSN	5400940	1	1	1	THIOBENCARB	2016
SIERRA LODGE	5400747	0.4	0.4	0.4	NITRATE (AS NO3)	2011
SIERRA LODGE	5400747	50	50	50	ALKALINITY (TOTAL) AS CACO3	2012
SIERRA LODGE	5400747	60	60	60	BICARBONATE ALKALINITY	2012
SIERRA LODGE	5400747	14	14	14	CALCIUM	2012
SIERRA LODGE	5400747	10	10	10	CARBONATE ALKALINITY	2012
SIERRA LODGE	5400747	0.1	0.1	0.1	FLUORIDE (F) (NATURAL-SOURCE)	2012
SIERRA LODGE	5400747	43.2	43.2	43.2	HARDNESS (TOTAL) AS CACO3	2012
SIERRA LODGE	5400747	10	10	10	HYDROXIDE ALKALINITY	2012
SIERRA LODGE	5400747	110	110	110	IRON	2012
SIERRA LODGE	5400747	2	2	2	MAGNESIUM	2012
SIERRA LODGE	5400747	10	10	10	MANGANESE	2012
SIERRA LODGE	5400747	0.6	0.6	0.6	NITRATE (AS NO3)	2012
SIERRA LODGE	5400747	0.1	0.1	0.1	NITRITE (AS N)	2012
SIERRA LODGE	5400747	8.1	8.1	8.1	PH, LABORATORY	2012
SIERRA LODGE	5400747	13	13	13	SODIUM	2012
SIERRA LODGE	5400747	0.4	0.4	0.4	NITRATE (AS NO3)	2014
SIERRA LODGE	5400747	0.9	0.9	0.9	NITRATE (AS NO3)	2015
SO KAWEAH MUTUAL WATER CO	5400754	11.8	11.85	11.9	AGGRSSIVE INDEX (CORROSIVITY)	2011
SO KAWEAH MUTUAL WATER CO	5400754	230	240	250	ALKALINITY (TOTAL) AS CACO3	2011
SO KAWEAH MUTUAL WATER CO	5400754	10	20	30	ALUMINUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ANTIMONY	2011
SO KAWEAH MUTUAL WATER CO	5400754	7	11.066666	20	ARSENIC	2011
SO KAWEAH MUTUAL WATER CO	5400754	77.7	83.1	88.5	BARIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.6	1	BERYLLIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	280	295	310	BICARBONATE ALKALINITY	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.1	50.05	100	BORON	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.6	1	CADMIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	82	87	92	CALCIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	CARBONATE ALKALINITY	2011
SO KAWEAH MUTUAL WATER CO	5400754	38	43	48	CHLORIDE	2011
SO KAWEAH MUTUAL WATER CO	5400754	1	1.5	2	CHROMIUM (TOTAL)	2011
SO KAWEAH MUTUAL WATER CO	5400754	5	5	5	COLOR	2011
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	COPPER	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.15	0.2	FLUORIDE (F) (NATURAL-SOURCE)	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2011
SO KAWEAH MUTUAL WATER CO	5400754	250	274.5	299	HARDNESS (TOTAL) AS CACO3	2011
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	HYDROXIDE ALKALINITY	2011
SO KAWEAH MUTUAL WATER CO	5400754	90	415	740	IRON	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.06	0.1	LANGELIER INDEX AT SOURCE TEMP.	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.8	1	1.2	LEAD	2011
SO KAWEAH MUTUAL WATER CO	5400754	11	14	17	MAGNESIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	10	40	70	MANGANESE	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	MERCURY	2011
SO KAWEAH MUTUAL WATER CO	5400754	1	1.5	2	NICKEL	2011
SO KAWEAH MUTUAL WATER CO	5400754	7.5	12.4	17.1	NITRATE (AS NO3)	2011
SO KAWEAH MUTUAL WATER CO	5400754	3000	3100	3200	NITRATE + NITRITE (AS N)	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.15	0.3	NITRITE (AS N)	2011
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ODOR THRESHOLD @ 60 C	2011
SO KAWEAH MUTUAL WATER CO	5400754	7	7.1	7.2	PH, LABORATORY	2011
SO KAWEAH MUTUAL WATER CO	5400754	3	3.5	4	POTASSIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	2	2	2	SELENIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SILVER	2011
SO KAWEAH MUTUAL WATER CO	5400754	27	29.5	32	SODIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.7	0.8	0.9	SODIUM ABSORPTION RATIO	2011
SO KAWEAH MUTUAL WATER CO	5400754	627	670.5	714	SPECIFIC CONDUCTANCE	2011
SO KAWEAH MUTUAL WATER CO	5400754	21	23	25	SULFATE	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.6	1	THALLIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	380	410	440	TOTAL DISSOLVED SOLIDS	2011
SO KAWEAH MUTUAL WATER CO	5400754	0.7	4.15	7.6	TURBIDITY, LABORATORY	2011
SO KAWEAH MUTUAL WATER CO	5400754	12	17	22	VANADIUM	2011
SO KAWEAH MUTUAL WATER CO	5400754	120	165	210	ZINC	2011
SO KAWEAH MUTUAL WATER CO	5400754	9	11.583333	17	ARSENIC	2012
SO KAWEAH MUTUAL WATER CO	5400754	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2012
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2012
SO KAWEAH MUTUAL WATER CO	5400754	6.61	6.78	6.95	GROSS ALPHA	2012
SO KAWEAH MUTUAL WATER CO	5400754	1.94	1.94	1.94	GROSS ALPHA COUNTING ERROR	2012
SO KAWEAH MUTUAL WATER CO	5400754	1.21	1.275	1.34	GROSS ALPHA MDA95	2012
SO KAWEAH MUTUAL WATER CO	5400754	0.4	0.866666	1.2	NITRATE (AS NO3)	2012
SO KAWEAH MUTUAL WATER CO	5400754	5.11	5.4	5.69	URANIUM (PCI/L)	2012
SO KAWEAH MUTUAL WATER CO	5400754	1.32	1.41	1.5	URANIUM COUNTING ERROR	2012
SO KAWEAH MUTUAL WATER CO	5400754	0.473	0.4875	0.502	URANIUM MDA95	2012
SO KAWEAH MUTUAL WATER CO	5400754	11.9	12	12.1	AGGRSSIVE INDEX (CORROSIVITY)	2013
SO KAWEAH MUTUAL WATER CO	5400754	250	260	270	ALKALINITY (TOTAL) AS CACO3	2013
SO KAWEAH MUTUAL WATER CO	5400754	10	40	70	ALUMINUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ANTIMONY	2013
SO KAWEAH MUTUAL WATER CO	5400754	7	9.666666	12	ARSENIC	2013
SO KAWEAH MUTUAL WATER CO	5400754	51.8	56.3	60.8	BARIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	BERYLLIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	310	325	340	BICARBONATE ALKALINITY	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.1	0.1	BORON	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	CADMIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	80	80	80	CALCIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	CARBONATE ALKALINITY	2013
SO KAWEAH MUTUAL WATER CO	5400754	19	22	25	CHLORIDE	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	6	11	CHROMIUM (TOTAL)	2013
SO KAWEAH MUTUAL WATER CO	5400754	5	5	5	COLOR	2013
SO KAWEAH MUTUAL WATER CO	5400754	10	60	110	COPPER	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.15	0.2	FLUORIDE (F) (NATURAL-SOURCE)	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.1	0.1	FOAMING AGENTS (MBAS)	2013
SO KAWEAH MUTUAL WATER CO	5400754	6.66	6.66	6.66	GROSS ALPHA	2013
SO KAWEAH MUTUAL WATER CO	5400754	2.07	2.07	2.07	GROSS ALPHA COUNTING ERROR	2013
SO KAWEAH MUTUAL WATER CO	5400754	1.31	1.31	1.31	GROSS ALPHA MDA95	2013
SO KAWEAH MUTUAL WATER CO	5400754	265	267.5	270	HARDNESS (TOTAL) AS CACO3	2013
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	HYDROXIDE ALKALINITY	2013
SO KAWEAH MUTUAL WATER CO	5400754	50	1030	2010	IRON	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.04	0.17	0.3	LANGELIER INDEX AT SOURCE TEMP.	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.2	1	1.8	LEAD	2013
SO KAWEAH MUTUAL WATER CO	5400754	16	16.5	17	MAGNESIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	10	20	30	MANGANESE	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	MERCURY	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	10	19	NICKEL	2013
SO KAWEAH MUTUAL WATER CO	5400754	5.8	10.916666	14.7	NITRATE (AS NO3)	2013
SO KAWEAH MUTUAL WATER CO	5400754	1400	2050	2700	NITRATE + NITRITE (AS N)	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.1	0.1	NITRITE (AS N)	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ODOR THRESHOLD @ 60 C	2013
SO KAWEAH MUTUAL WATER CO	5400754	7.2	7.3	7.4	PH, LABORATORY	2013
SO KAWEAH MUTUAL WATER CO	5400754	4	4	4	POTASSIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	1.5	2	SELENIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SILVER	2013
SO KAWEAH MUTUAL WATER CO	5400754	18	19	20	SODIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.5	0.5	0.5	SODIUM ABSORPTION RATIO	2013
SO KAWEAH MUTUAL WATER CO	5400754	604	615.5	627	SPECIFIC CONDUCTANCE	2013
SO KAWEAH MUTUAL WATER CO	5400754	24	24	24	SULFATE	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	THALLIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	380	385	390	TOTAL DISSOLVED SOLIDS	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.4	8	15.6	TURBIDITY, LABORATORY	2013

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SO KAWEAH MUTUAL WATER CO	5400754	5.01	5.01	5.01	URANIUM (PCI/L)	2013
SO KAWEAH MUTUAL WATER CO	5400754	1.64	1.64	1.64	URANIUM COUNTING ERROR	2013
SO KAWEAH MUTUAL WATER CO	5400754	0.502	0.502	0.502	URANIUM MDA95	2013
SO KAWEAH MUTUAL WATER CO	5400754	15	18.5	22	VANADIUM	2013
SO KAWEAH MUTUAL WATER CO	5400754	20	30	40	ZINC	2013
SO KAWEAH MUTUAL WATER CO	5400754	11.9	11.9	11.9	AGGRSSIVE INDEX (CORROSIVITY)	2014
SO KAWEAH MUTUAL WATER CO	5400754	250	250	250	ALKALINITY (TOTAL) AS CACO3	2014
SO KAWEAH MUTUAL WATER CO	5400754	2000	2000	2000	ALUMINUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ANTIMONY	2014
SO KAWEAH MUTUAL WATER CO	5400754	6	9.416666	12	ARSENIC	2014
SO KAWEAH MUTUAL WATER CO	5400754	118	118	118	BARIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	BERYLLIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	300	300	300	BICARBONATE ALKALINITY	2014
SO KAWEAH MUTUAL WATER CO	5400754	200	200	200	BORON	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	CADMIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	94	94	94	CALCIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	CARBONATE ALKALINITY	2014
SO KAWEAH MUTUAL WATER CO	5400754	76	76	76	CHLORIDE	2014
SO KAWEAH MUTUAL WATER CO	5400754	15	15	15	CHROMIUM (TOTAL)	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.15	0.15	0.15	CHROMIUM, HEXAVALENT	2014
SO KAWEAH MUTUAL WATER CO	5400754	15	15	15	COLOR	2014
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	COPPER	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.1	0.1	0.1	FLUORIDE (F) (NATURAL-SOURCE)	2014
SO KAWEAH MUTUAL WATER CO	5400754	296	296	296	HARDNESS (TOTAL) AS CACO3	2014
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	HYDROXIDE ALKALINITY	2014
SO KAWEAH MUTUAL WATER CO	5400754	6350	6350	6350	IRON	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.005	0.005	0.005	LANGELIER INDEX AT SOURCE TEMP.	2014
SO KAWEAH MUTUAL WATER CO	5400754	11.5	11.5	11.5	LEAD	2014
SO KAWEAH MUTUAL WATER CO	5400754	15	15	15	MAGNESIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	110	110	110	MANGANESE	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	MERCURY	2014
SO KAWEAH MUTUAL WATER CO	5400754	2	2	2	NICKEL	2014
SO KAWEAH MUTUAL WATER CO	5400754	5.6	9.675	14.8	NITRATE (AS NO3)	2014
SO KAWEAH MUTUAL WATER CO	5400754	2400	2650	2900	NITRATE + NITRITE (AS N)	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	NITRITE (AS N)	2014
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ODOR THRESHOLD @ 60 C	2014
SO KAWEAH MUTUAL WATER CO	5400754	7.1	7.1	7.1	PH, LABORATORY	2014
SO KAWEAH MUTUAL WATER CO	5400754	3	3	3	POTASSIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SELENIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SILVER	2014
SO KAWEAH MUTUAL WATER CO	5400754	41	41	41	SODIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SODIUM ABSORPTION RATIO	2014
SO KAWEAH MUTUAL WATER CO	5400754	816	816	816	SPECIFIC CONDUCTANCE	2014
SO KAWEAH MUTUAL WATER CO	5400754	24	24	24	SULFATE	2014
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	THALLIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	470	470	470	TOTAL DISSOLVED SOLIDS	2014
SO KAWEAH MUTUAL WATER CO	5400754	15.7	15.7	15.7	TURBIDITY, LABORATORY	2014
SO KAWEAH MUTUAL WATER CO	5400754	25	25	25	VANADIUM	2014
SO KAWEAH MUTUAL WATER CO	5400754	470	470	470	ZINC	2014
SO KAWEAH MUTUAL WATER CO	5400754	8	10.083333	14	ARSENIC	2015
SO KAWEAH MUTUAL WATER CO	5400754	5.7	9.766666	12.2	NITRATE (AS NO3)	2015
SO KAWEAH MUTUAL WATER CO	5400754	11.6	11.6	11.6	AGGRSSIVE INDEX (CORROSIVITY)	2016
SO KAWEAH MUTUAL WATER CO	5400754	240	240	240	ALKALINITY (TOTAL) AS CACO3	2016
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	ALUMINUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ANTIMONY	2016
SO KAWEAH MUTUAL WATER CO	5400754	9	9.666666	11	ARSENIC	2016
SO KAWEAH MUTUAL WATER CO	5400754	68.8	68.8	68.8	BARIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	BERYLLIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	300	300	300	BICARBONATE ALKALINITY	2016
SO KAWEAH MUTUAL WATER CO	5400754	200	200	200	BORON	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	CADMIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	95	95	95	CALCIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	CARBONATE ALKALINITY	2016
SO KAWEAH MUTUAL WATER CO	5400754	62	62	62	CHLORIDE	2016
SO KAWEAH MUTUAL WATER CO	5400754	3	3	3	CHROMIUM (TOTAL)	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2016
SO KAWEAH MUTUAL WATER CO	5400754	5	5	5	COLOR	2016
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	COPPER	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	FLUORIDE (F) (NATURAL-SOURCE)	2016
SO KAWEAH MUTUAL WATER CO	5400754	307	307	307	HARDNESS (TOTAL) AS CACO3	2016

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	HYDROXIDE ALKALINITY	2016
SO KAWEAH MUTUAL WATER CO	5400754	30	30	30	IRON	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.5	0.5	0.5	LEAD	2016
SO KAWEAH MUTUAL WATER CO	5400754	17	17	17	MAGNESIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	10	10	10	MANGANESE	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.02	0.02	0.02	MERCURY	2016
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	NICKEL	2016
SO KAWEAH MUTUAL WATER CO	5400754	3.3	3.433333	3.5	NITRATE (AS N)	2016
SO KAWEAH MUTUAL WATER CO	5400754	3.5	3.5	3.5	NITRATE + NITRITE (AS N)	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	NITRITE (AS N)	2016
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	ODOR THRESHOLD @ 60 C	2016
SO KAWEAH MUTUAL WATER CO	5400754	2	2	2	PERCHLORATE	2016
SO KAWEAH MUTUAL WATER CO	5400754	6.8	6.8	6.8	PH, LABORATORY	2016
SO KAWEAH MUTUAL WATER CO	5400754	4	4	4	POTASSIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SELENIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	1	1	1	SILVER	2016
SO KAWEAH MUTUAL WATER CO	5400754	29	29	29	SODIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.7	0.7	0.7	SODIUM ABSORPTION RATIO	2016
SO KAWEAH MUTUAL WATER CO	5400754	757	757	757	SPECIFIC CONDUCTANCE	2016
SO KAWEAH MUTUAL WATER CO	5400754	27	27	27	SULFATE	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.2	0.2	0.2	THALLIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	460	460	460	TOTAL DISSOLVED SOLIDS	2016
SO KAWEAH MUTUAL WATER CO	5400754	0.6	0.6	0.6	TURBIDITY, LABORATORY	2016
SO KAWEAH MUTUAL WATER CO	5400754	20	20	20	VANADIUM	2016
SO KAWEAH MUTUAL WATER CO	5400754	20	20	20	ZINC	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	20	27.25	39	NITRATE (AS NO3)	2011
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	13	13	13	AGGRSSIVE INDEX (CORROSIVITY)	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	230	230	230	ALKALINITY (TOTAL) AS CACO3	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	160	215	270	BARIUM	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	280	280	280	BICARBONATE ALKALINITY	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	77	85	93	CALCIUM	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	18	19.5	21	CHLORIDE	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.15	0.19	0.23	FLUORIDE (F) (NATURAL-SOURCE)	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	4.95	5.21	5.47	GROSS ALPHA	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.246	0.252	0.258	GROSS ALPHA COUNTING ERROR	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.547	0.547	0.547	GROSS ALPHA MDA95	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	220	240	260	HARDNESS (TOTAL) AS CACO3	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.58	0.64	0.7	LANGELIER INDEX @ 60 C	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	6.1	6.9	7.7	MAGNESIUM	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	8.4	21.05	34	NITRATE (AS NO3)	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	7.8	7.9	8	PH, LABORATORY	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	3.1	3.25	3.4	POTASSIUM	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	18	22.5	27	SODIUM	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	540	560	580	SPECIFIC CONDUCTANCE	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	22	22	22	SULFATE	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	350	370	390	TOTAL DISSOLVED SOLIDS	2012
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	2.6	17.5	28	NITRATE (AS NO3)	2013
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	12	12	12	AGGRSSIVE INDEX (CORROSIVITY)	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	240	240	240	ALKALINITY (TOTAL) AS CACO3	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	80	80	80	ALUMINUM	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	290	290	290	BICARBONATE ALKALINITY	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	91	91	91	CALCIUM	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	20	20	20	CHLORIDE	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	3.2	3.2	3.2	CHLOROFORM (THM)	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.17	0.17	0.17	FLUORIDE (F) (NATURAL-SOURCE)	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	8.28	8.28	8.28	GROSS ALPHA	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.454	0.454	0.454	GROSS ALPHA COUNTING ERROR	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	1.64	1.64	1.64	GROSS ALPHA MDA95	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	260	260	260	HARDNESS (TOTAL) AS CACO3	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	230	230	230	IRON	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.49	0.49	0.49	LANGELIER INDEX @ 60 C	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	6.9	6.9	6.9	MAGNESIUM	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	45	45	45	MANGANESE	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	2.4	14.316666	28	NITRATE (AS NO3)	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	7.7	7.7	7.7	PH, LABORATORY	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	4.8	4.8	4.8	POTASSIUM	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	24	24	24	SODIUM	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	560	560	560	SPECIFIC CONDUCTANCE	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	27	27	27	SULFATE	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	350	350	350	TOTAL DISSOLVED SOLIDS	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	3.2	3.2	3.2	TOTAL TRIHALOMETHANES	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	1.1	1.1	1.1	TURBIDITY, LABORATORY	2014

System Name	System Number	Min	Average	Max	Chemical	Sample Year
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	820	820	820	ZINC	2014
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	12	12	12	AGGRSSIVE INDEX (CORROSIVITY)	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	200	226.666666	250	ALKALINITY (TOTAL) AS CACO3	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	240	276.666666	310	BICARBONATE ALKALINITY	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	78	88.333333	94	CALCIUM	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	19	21.666666	25	CHLORIDE	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.58	0.76	0.92	CHLOROMETHANE	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.1	0.18	0.3	FLUORIDE (F) (NATURAL-SOURCE)	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.269	0.373333	0.454	GROSS ALPHA COUNTING ERROR	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	1.52	1.52	1.52	GROSS ALPHA MDA95	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	220	246.666666	260	HARDNESS (TOTAL) AS CACO3	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.18	0.283333	0.35	LANGELIER INDEX @ 60 C	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	6.3	6.7	7.2	MAGNESIUM	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.5	3	4.8	NITRATE (AS N)	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	16	17	18	NITRATE (AS NO3)	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	7.4	7.533333	7.7	PH, LABORATORY	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	3.6	3.9	4.4	POTASSIUM	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.535	0.535	0.535	RADIUM 226 COUNTING ERROR	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.356	0.356	0.356	RADIUM 228 COUNTING ERROR	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	19	24.333333	28	SODIUM	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	480	556.666666	580	SPECIFIC CONDUCTANCE	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	15	19.333333	25	SULFATE	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	300	343.333333	370	TOTAL DISSOLVED SOLIDS	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	2.4	3.2	4	URANIUM (PCI/L)	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	58	292.666666	440	ZINC	2015
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	8.56	8.81	9.06	GROSS ALPHA	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.467	0.4915	0.516	GROSS ALPHA COUNTING ERROR	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	1.06	1.585	2.11	GROSS ALPHA MDA95	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.628	0.628	0.628	RADIUM 226 COUNTING ERROR	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	0.363	0.444	0.525	RADIUM 228 COUNTING ERROR	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	550	580	600	SPECIFIC CONDUCTANCE	2016
SOUTH FORK ESTATES MUTUAL WATER CO	5403113	4.2	4.95	5.7	URANIUM (PCI/L)	2016
ST ANTHONY RETREAT	5400737	6.1	6.1	6.1	NITRATE (AS NO3)	2012
ST ANTHONY RETREAT	5400737	5.5	5.5	5.5	NITRATE (AS NO3)	2014
THREE RIVERS HIDEAWAY	5400751	0	0	0	NITRATE (AS NO3)	2011
THREE RIVERS HIDEAWAY	5400751	0	0	0	NITRATE (AS NO3)	2014
THREE RIVERS HIDEAWAY	5400751	0	0	0	NITRATE (AS N)	2015
THREE RIVERS HIDEAWAY	5403071	29	29	29	NITRATE (AS NO3)	2011
THREE RIVERS HIDEAWAY	5403071	30	30	30	NITRATE (AS NO3)	2012
THREE RIVERS HIDEAWAY	5403071	24	26	28	NITRATE (AS NO3)	2013
THREE RIVERS HIDEAWAY	5403071	29	29	29	NITRATE (AS NO3)	2014
THREE RIVERS HIDEAWAY	5403071	29	29	29	NITRATE (AS NO3)	2015
THREE RIVERS HIDEAWAY	5403071	6.4	6.4	6.4	NITRATE (AS N)	2016
THREE RIVERS LIBRARY	5402037	15	22	32	NITRATE (AS NO3)	2011
THREE RIVERS LIBRARY	5402037	10	18.25	30	NITRATE (AS NO3)	2012
THREE RIVERS LIBRARY	5402037	0	0	0	NITRITE (AS N)	2012
THREE RIVERS LIBRARY	5402037	14	15	17	NITRATE (AS NO3)	2013
THREE RIVERS LIBRARY	5402037	180	180	180	ALKALINITY (TOTAL) AS CACO3	2015
THREE RIVERS LIBRARY	5402037	220	220	220	BICARBONATE ALKALINITY	2015
THREE RIVERS LIBRARY	5402037	40	40	40	CALCIUM	2015
THREE RIVERS LIBRARY	5402037	0	0	0	CARBONATE ALKALINITY	2015
THREE RIVERS LIBRARY	5402037	0.11	0.11	0.11	FLUORIDE (F) (NATURAL-SOURCE)	2015
THREE RIVERS LIBRARY	5402037	120	120	120	HARDNESS (TOTAL) AS CACO3	2015
THREE RIVERS LIBRARY	5402037	0	0	0	HYDROXIDE ALKALINITY	2015
THREE RIVERS LIBRARY	5402037	550	550	550	IRON	2015
THREE RIVERS LIBRARY	5402037	5.3	5.3	5.3	MAGNESIUM	2015
THREE RIVERS LIBRARY	5402037	28	28	28	MANGANESE	2015
THREE RIVERS LIBRARY	5402037	5.9	9.45	13	NITRATE (AS NO3)	2015
THREE RIVERS LIBRARY	5402037	1.1	1.1	1.1	NITRITE (AS N)	2015
THREE RIVERS LIBRARY	5402037	7.5	7.5	7.5	PH, LABORATORY	2015
THREE RIVERS LIBRARY	5402037	31	31	31	SODIUM	2015
THREE RIVERS LIBRARY	5402037	380	380	380	SPECIFIC CONDUCTANCE	2015
THREE RIVERS LIBRARY	5402037	1.7	2.175	2.7	NITRATE (AS N)	2016
THREE RIVERS LIBRARY	5402037	0	0	0	NITRITE (AS N)	2016
THREE RIVERS LIONS CLUB	5403014	0.4	9.966666	14.8	NITRATE (AS NO3)	2011
THREE RIVERS LIONS CLUB	5403014	0.9	11.6	15.8	NITRATE (AS NO3)	2012
THREE RIVERS LIONS CLUB	5403014	14.8	15.766666	16.3	NITRATE (AS NO3)	2013
THREE RIVERS LIONS CLUB	5403014	16.6	16.65	16.7	NITRATE (AS NO3)	2014
THREE RIVERS LIONS CLUB	5403014	3.7	3.7	3.7	NITRATE (AS N)	2015
THREE RIVERS LIONS CLUB	5403014	17.5	17.5	17.5	NITRATE (AS NO3)	2015
THREE RIVERS LIONS CLUB	5403014	4.2	4.2	4.2	NITRATE (AS N)	2016
THREE RIVERS SCHOOL	5400704	34	34	34	NITRATE (AS NO3)	2011

System Name	System Number	Min	Average	Max	Chemical	Sample Year
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1,1,2-TETRACHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1,1-TRICHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1,2,2-TETRACHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1,2-TRICHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1-DICHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1-DICHLOROETHYLENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,1-DICHLOROPROPENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,2,3-TRICHLOROBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,2,4-TRICHLOROBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,2,4-TRIMETHYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,2-DICHLOROBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,2-DICHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,2-DICHLOROPROPANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,3,5-TRIMETHYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,3-DICHLOROBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,3-DICHLOROPROPANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,3-DICHLOROPROPENE (TOTAL)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1,4-DICHLOROBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	1-PHENYLPROPANE (N-PROPYLBENZENE)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	2,2-DICHLOROPROPANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	2-CHLOROTOLUENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	4-CHLOROTOLUENE	2013
THREE RIVERS SCHOOL	5400704	1	1	1	ALACHLOR	2013
THREE RIVERS SCHOOL	5400704	10	10	10	ALUMINUM	2013
THREE RIVERS SCHOOL	5400704	1	1	1	ANTIMONY	2013
THREE RIVERS SCHOOL	5400704	2	2	2	ARSENIC	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	ATRAZINE	2013
THREE RIVERS SCHOOL	5400704	43.6	43.6	43.6	BARIUM	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	BENZENE	2013
THREE RIVERS SCHOOL	5400704	1	1	1	BERYLLIUM	2013
THREE RIVERS SCHOOL	5400704	2	2	2	BROMACIL	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	BROMOBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	BROMOCHLOROMETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	BROMODICHLORMETHANE (THM)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	BROMOFORM (THM)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	BROMOMETHANE	2013
THREE RIVERS SCHOOL	5400704	1	1	1	BUTACHLOR	2013
THREE RIVERS SCHOOL	5400704	0.2	0.2	0.2	CADMIUM	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CARBON TETRACHLORIDE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CHLOROETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CHLOROFORM (THM)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CHLOROMETHANE	2013
THREE RIVERS SCHOOL	5400704	1	1	1	CHROMIUM (TOTAL)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CIS-1,2-DICHLOROETHYLENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CIS-1,3-DICHLOROPROPENE	2013
THREE RIVERS SCHOOL	5400704	2	2	2	DIAZINON	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	DIBROMOCHLOROMETHANE (THM)	2013
THREE RIVERS SCHOOL	5400704	0.01	0.01	0.01	DIBROMOCHLOROPROPANE (DBCP)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	DIBROMOMETHANE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	DICHLORODIFLUOROMETHANE (FREON 12)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	DICHLOROMETHANE	2013
THREE RIVERS SCHOOL	5400704	3	3	3	DIISOPROPYL ETHER	2013
THREE RIVERS SCHOOL	5400704	2	2	2	DIMETHOATE	2013
THREE RIVERS SCHOOL	5400704	3	3	3	ETHYL-TERT-BUTYL ETHER	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	ETHYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.02	0.02	0.02	ETHYLENE DIBROMIDE (EDB)	2013
THREE RIVERS SCHOOL	5400704	11.4	11.4	11.4	GROSS ALPHA	2013
THREE RIVERS SCHOOL	5400704	2.24	2.24	2.24	GROSS ALPHA COUNTING ERROR	2013
THREE RIVERS SCHOOL	5400704	1.13	1.13	1.13	GROSS ALPHA MDA95	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	HEXACHLOROBUTADIENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	ISOPROPYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.3	0.3	0.3	LEAD	2013
THREE RIVERS SCHOOL	5400704	0.7	0.7	0.7	M,P-XYLENE	2013
THREE RIVERS SCHOOL	5400704	0.02	0.02	0.02	MERCURY	2013
THREE RIVERS SCHOOL	5400704	1	1	1	METHYL-TERT-BUTYL-ETHER (MTBE)	2013
THREE RIVERS SCHOOL	5400704	1	1	1	METOLACHLOR	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	METRIBUZIN	2013
THREE RIVERS SCHOOL	5400704	2	2	2	MOLINATE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	MONOCHLOROBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	N-BUTYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	NAPHTHALENE	2013

System Name	System Number	Min	Average	Max	Chemical	Sample Year
THREE RIVERS SCHOOL	5400704	1	1	1	NICKEL	2013
THREE RIVERS SCHOOL	5400704	30.1	30.1	30.1	NITRATE (AS NO3)	2013
THREE RIVERS SCHOOL	5400704	0.3	0.3	0.3	NITRITE (AS N)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	O-XYLENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	P-ISOPROPYLTOLUENE	2013
THREE RIVERS SCHOOL	5400704	2	2	2	PROMETRYN	2013
THREE RIVERS SCHOOL	5400704	1	1	1	PROPACHLOR	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	SEC-BUTYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	2	2	2	SELENIUM	2013
THREE RIVERS SCHOOL	5400704	1	1	1	SILVER	2013
THREE RIVERS SCHOOL	5400704	1	1	1	SIMAZINE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	STYRENE	2013
THREE RIVERS SCHOOL	5400704	3	3	3	TERT-AMYL-METHYL ETHER	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TERT-BUTYLBENZENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TETRACHLOROETHYLENE	2013
THREE RIVERS SCHOOL	5400704	0.2	0.2	0.2	THALLIUM	2013
THREE RIVERS SCHOOL	5400704	1	1	1	THIOBENCARB	2013
THREE RIVERS SCHOOL	5400704	0.9	0.9	0.9	TOLUENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TOTAL TRIHALOMETHANES	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TRANS-1,2-DICHLOROETHYLENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TRANS-1,3-DICHLOROPROPENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TRICHLOROETHYLENE	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	TRICHLOROFLUOROMETHANE	2013
THREE RIVERS SCHOOL	5400704	7.11	7.11	7.11	URANIUM (PCI/L)	2013
THREE RIVERS SCHOOL	5400704	1.6	1.6	1.6	URANIUM COUNTING ERROR	2013
THREE RIVERS SCHOOL	5400704	0.439	0.439	0.439	URANIUM MDA95	2013
THREE RIVERS SCHOOL	5400704	11	11	11	VANADIUM	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	VINYL CHLORIDE	2013
THREE RIVERS SCHOOL	5400704	0.7	0.7	0.7	XYLENES (TOTAL)	2013
THREE RIVERS SCHOOL	5400704	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2014
THREE RIVERS SCHOOL	5400704	22	22	22	NITRATE (AS NO3)	2014
THREE RIVERS SCHOOL	5400704	5.8	5.8	5.8	NITRATE (AS N)	2015
THREE RIVERS SCHOOL	5400704	25.9	25.9	25.9	NITRATE (AS NO3)	2015
THREE RIVERS VILLAGE	5400838	150	150	150	ALKALINITY (TOTAL) AS CACO3	2011
THREE RIVERS VILLAGE	5400838	10	10	10	ALUMINUM	2011
THREE RIVERS VILLAGE	5400838	159	159	159	BARIUM	2011
THREE RIVERS VILLAGE	5400838	0.02	0.02	0.02	MERCURY	2011
THREE RIVERS VILLAGE	5400838	3.3	3.3	3.3	NITRATE (AS NO3)	2011
THREE RIVERS VILLAGE	5400838	1	1	1	ODOR THRESHOLD @ 60 C	2011
THREE RIVERS VILLAGE	5400838	7	7	7	PH, LABORATORY	2011
THREE RIVERS VILLAGE	5400838	210	210	210	TOTAL DISSOLVED SOLIDS	2011
THREE RIVERS VILLAGE	5400838	2.7	2.7	2.7	NITRATE (AS NO3)	2012
THREE RIVERS VILLAGE	5400838	5.9	5.9	5.9	NITRATE (AS NO3)	2013
THREE RIVERS VILLAGE	5400838	0.1	0.1	0.1	NITRATE (AS N)	2015
THREE RIVERS VILLAGE	5400838	0.4	5	9.6	NITRATE (AS NO3)	2015
THREE RIVERS VILLAGE	5400838	0.1	1.3	2.5	NITRATE (AS N)	2016
VILLAGE APARTMENTS	5400875	14.2	14.2	14.2	NITRATE (AS NO3)	2012
VILLAGE APARTMENTS	5400875	7.9	7.9	7.9	NITRATE (AS NO3)	2013
VILLAGE APARTMENTS	5400875	0.5	0.5	0.5	CHROMIUM, HEXAVALENT	2015
VILLAGE APARTMENTS	5400875	16.2	16.2	16.2	NITRATE (AS NO3)	2015
WHITE HORSE INN	5400907	28	28	28	NITRATE (AS NO3)	2011
WHITE HORSE INN	5400907	23	23	23	NITRATE (AS NO3)	2012
WHITE HORSE INN	5400907	12	12	12	NITRATE (AS NO3)	2013
WHITE HORSE INN	5400907	25	25	25	NITRATE (AS NO3)	2014
WHITE HORSE INN	5400907	4.2	4.2	4.2	NITRATE (AS N)	2015

APPENDIX “G”

Three Rivers Community Plan Update

Water Supply

Tully & Young
Comprehensive Water Planning

Tully & Young, Inc.
3600 American River Drive, Suite 260
Sacramento, CA 95864

MEMORANDUM

To: Dave Bryant, Chief Planner, Special Projects
County of Tulare Resource Management Agency

Date: December 12, 2017

From: Greg Young

Subject: Abbreviated Water Supply Evaluation to support the Three Rivers Community Plan EIR

As the lead agency under the California Environmental Quality Act ("CEQA"), Tulare County ("County") is assessing the potential environmental impacts associated with the Three Rivers Community Plan (hereafter the "Plan"). This memorandum has been prepared to support the CEQA analysis regarding the availability and sufficiency of water supplies to meet the forecast water demands allowed by the Plan.[1]

1.1 Relation to Water Code 10910 (Water Supply Assessment)

Section 10910 et seq. of the California Water Code ("Water Code") requires the preparation and approval of a Water Supply Assessment ("WSA") for certain projects as defined by Section 10912. General Plans and Community Plans generally do not meet the definition of projects as contained in Section 10912 as they do not contemplate specific projects.[2]

However, the County's CEQA analysis will need to evaluate the adequacy and potential impacts of water resources necessary to meet the water needs of the land uses contemplated by the Plan. This memorandum provides a basis for the CEQA analysis in a manner that is similar to elements of a WSA.

1.2 Overview of Three Rivers Community Plan

In May 2016, the County noticed its intent to prepare a Draft Environmental Impact Report ("DEIR") for an update to the Three Rivers Community Plan.[3] According to the County's notice:

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[1] The updated Plan allows for growth, which may or may not occur, depending on many factors. This analysis conservatively anticipates the growth will occur in order to assess availability and sufficiency of water supplies.
[2] Water Code § 10912, subdivision (a).
[3] http://www.tularecounty.ca.gov/rma/index.cfm/planning/environmental-planning/notice-of-preparation-nop/notice-of-preparation-update-to-the-three-rivers-community-plan-general-plan-amendment-no-14-004/

"*Three Rivers is a rural unincorporated community of approximately 2,278 persons (as of 2014) located in the eastern portion of Tulare County, approximately 30 miles northeast of the City of Visalia along State Route 198….The community is a rural service and residential/recreational area, surrounded on the north and east by agricultural grazing lands and the Sequoia National Park, and on the south and west by agricultural grazing lands.*" (May 5, 2016, County Notice of Preparation).

Figure 1 represents the Three Rivers area as included in the Plan. The County's notice also highlighted several goals and objectives that directly affect the future water needs of the area. Specifically, the notice states the Plan will:

- Create a Town Center with a concentration of commercial, retail, and social uses to help strengthen Three Rivers as a livable community.
- Ensure adequate land use supplies for residential, commercial, industrial and public uses to accommodate future growth and ensure the community's economic viability.
- Development of a community park

To be consistent with the County's General Plan, population growth within the Three Rivers Community Plan boundary depicted in **Figure 1** will be assumed at 1.3 percent per year.[4] This will result in an increase in the number of residences constructed from the baseline discussed later in this memo.

Details regarding assumed baseline conditions, as well as future land use and water demand characterizations are provided in Section 2.

[4] The growth rate is presented in the *Tulare County General Plan: Background Report* (February 2010), Table 2-15, p. 2-30.

Figure 1 – Three Rivers Community Plan Area[5]

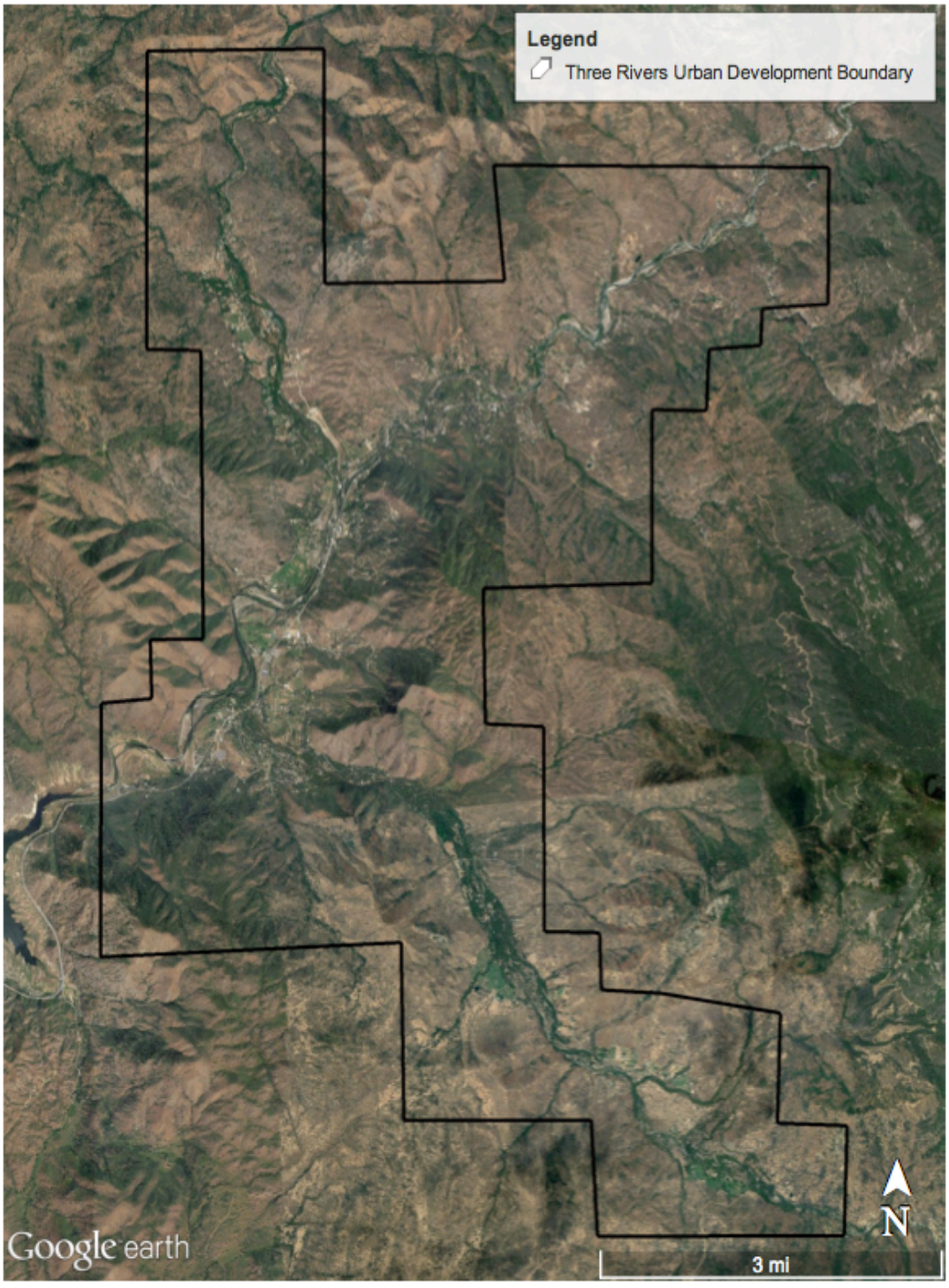

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Image Source:
Tulare County: Three Rivers Community Plan EIR Notice of Preparation

[5] Urban Development Boundary obtained from the County's May 2016 Notice of Preparation.

2. Estimating Future Water Demands

This section describes the methodology, and provides the supporting evidence used to derive the estimated future annual water demand that would result should the land-uses contemplated by the Three Rivers Community Plan all come to fruition. Estimating future water demand that could manifest under the allowed land-uses contemplated by the Plan relies on understanding three primary water use categories:

1. The estimated current demand of existing residents and businesses

2. The estimated future demand of existing residents and businesses that will likely be lower than the current use due to on-going conservation and water use efficiency efforts

3. The estimated future demand of future residents and businesses.

The water demands associated with each category is discussed below.

2.1 Water Demands of Existing Users

In 2016, the Department of Water Resources finalized a detailed report entitled: *Geology, Hydrology, Quality of Water, and Water Supply of the Three Rivers Area, California* (hereafter the "DWR Study").[6] Among other data, the DWR Study provides a supportable basis for determining current water use within the Plan area. Although the geographic coverage of the DWR Study varies from that of the Plan, with the DWR Study covering a greater area, the vast majority of current residents and businesses exist within the concurrent areas (see **Figure 2**). As reported by the DWR Study, an estimated 1,273 residential services are located in the area (DWR Study, Table 35). While some residences are located outside of the Plan area but contained within the DWR Study's area, the number is negligible. For purposes of this memo, the DWR Study values are assumed to all be within the Plan area.

[6] The DWR Study is available from the County at: http://tularecounty.ca.gov/rma/index.cfm/planning/three-rivers-community-plan-revised/dwr-geology-hydrology-quality-of-water-and-water-supply-of-the-three-rivers-area-california/

Figure 2 – DWR Study and Plan Area Overlap[7]

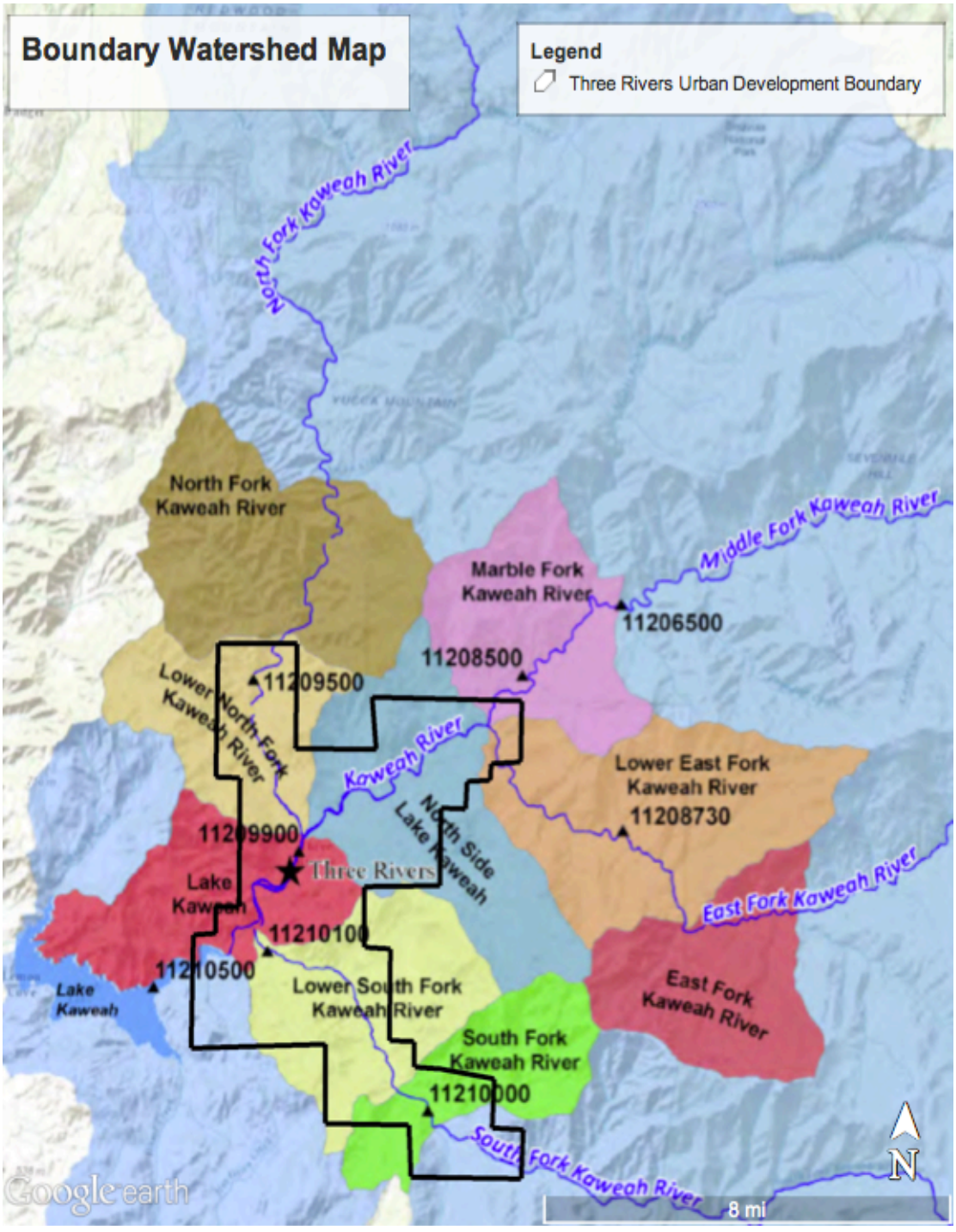

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Image Source:
DWR Report (2016): *Geology, Hydrology, Quality of Water, and Water Supply of the Three Rivers Area, California*

[7] The DWR Study boundary is from the DWR Study Figure 16.

Using data from a residential water use analysis, the DWR Study determined the average residential water use per connection is 310 gallons per day – translating to approximately 440 acre-feet per year (DWR Study, p. 29).

The DWR Study did not estimate the water needs of existing non-residential users. However, based upon representations in other foothill communities, the ratio of residential to non-residential use indicates residential use is typically 60% to 80% of the overall demand.[8] While the exact ratio in the Plan area is not known, a conservative value for purposes of estimating total existing water use can be developed using this range. If commercial demands are assumed to represent 40% of the total, the estimated Plan area total water use would be approximately 730 acre-feet. If commercial demands are assumed to only represent 20% of the demand, the total water use would be approximately 550 acre-feet.

The higher, more conservative total demand value of 730 acre-feet per year will be assumed for purposes of this memo. This represents an existing residential demand of 440 acre-feet and an existing commercial demand of 290 acre-feet per year.

In the future, these existing water users would be expected to decrease their individual water use as a result of implementing various water conservation measures, installing more water efficient appliances and fixtures over time, and generally adopting a water-conserving mindset.[9] Some of these drivers are detailed in the next section. However, because the intent of this memo is to assess the availability of water supplies to serve existing and future uses, existing uses are conservatively assumed to see no reduction in the future – instead remaining at the annual estimate of 730 acre-feet.

2.2 Factors Affecting Future Water Use

To estimate the additional water demands that could result from growth consistent with the Plan's land uses, unique demand factors for future residential and commercial uses need to be developed. There are several considerations that affect the development of unit water demand factors, ranging from state landscape mandates to changes in the plumbing and building codes. The most important factors for this analysis are described below.

[8] The ratio of residential to non-residential varies by community. But, reporting by urban water suppliers to the State Water Resources Control Board beginning in July 2015 through December 2016 includes representative "percent residential use" listed by each supplier as part of determining residential per-capita water use rates (see http://www.waterboards.ca.gov/water_issues/programs/conservation_portal/conservation_reporting.shtml). Three Rivers also has a tourism industry catering to those visiting the local state and federal parks. These uses would be "non-residential" and likely result in the Three Rivers area having a residential to non-residential ratio closer to the lower end of the range.

[9] The Governor's May 2016 Executive Order has directed state agencies to push for greater water conservation and for all Californians to make conservation a way of life (see https://www.gov.ca.gov/news.php?id=19408).

2.2.1 Water Conservation Objectives

In May 2016, Governor Brown issued Executive Order B-37-16 directing the Department of Water Resources and the State Water Resources Control Board to develop "*new water use targets as part of a permanent framework for urban water agencies. These new water use targets shall build upon the existing state law requirements that the state achieve a 20% reduction in urban water usage by 2020."* California became the first state to adopt a water use efficiency target with the passage of SB X7-7 in 2009, which established a statewide goal of achieving a 20 percent reduction in urban per capita water use by 2020 for urban retail water suppliers.[10] While the Governor's new directive has yet to be incorporated into statute, the directive will effectively reduce the water use per resident or per connection for all existing and future water uses beyond the 20% goal previously established.

2.2.2 Indoor Infrastructure Requirements

Beginning in January 2010, the California Building Standards Commission adopted the statewide mandatory Green Building Standards Code (hereafter the "CAL Green Code") requiring the installation of water-efficient indoor and outdoor infrastructure for all new projects after January 1, 2011. The CAL Green Code was incorporated as Part 11 into Title 24 of the California Code of Regulations, and was revised in 2013 and again in 2016 with the revisions taking effect on January 1 of the following year. However, these revisions have not had substantial implications to the water use already contemplated by the 2010 Cal Green Code.[11] The primary impact of the 2013 update was applicability of the Cal Green Code to re-models. The focus of the 2016 update was to address changes to the MEWLO in response to emergency regulations adopted during the drought.[12]

The CAL Green Code applies to the planning, design, operation, construction, use and occupancy of every newly constructed or remodeled building or structure. Any new residences or commercial facilities built per the Plan must satisfy the indoor water use infrastructure standards necessary to meet the CAL Green Code as well as the outdoor requirements described by the Model Water Efficient Landscape Ordinance (MWELO) described below. All future permitted construction in the Three Rivers community will likely satisfy these indoor requirements through the use of appliances and fixtures such as high-efficiency toilets, faucet aerators, on-demand water heaters, or other fixtures, as well

[10] California Water Code § 10608.20

[11] The 2010 CAL Green Code was evaluated for updates during the 2012 Triennial Code Adoption Cycle. The State evaluated stakeholder input, changes in technology, implementation of sustainable building goals in California, and changes in statutory requirements. As such, the scope of CAL Green was increased to include both low-rise and high-residential structures, additions and alterations. Guide to the 2013 California Green Building Standards Code (Residential), California Department of Housing and Community Development, 2013.

[12] The 2016 Triennial Code Adoption Cycle consisted primarily of the MWELO updates adopted in response to the drought. Indoor infrastructure changes were limited to some minor non-residential fixture changes and changes to the voluntary Tier1 and Tier2 requirements. Additionally, the Code was updated to match the new Title 20 Appliance Efficiency Regulations. *2015 Report to the Legislature, Status of the California Green Building Standards Code.*

as Energy Star and California Energy Commission-approved appliances. Outdoor requirements are discussed in the following subsection.

2.2.3 California Model Water Efficient Landscape Ordinance and County Ordinances

The Water Conservation in Landscaping Act was enacted in 2006, requiring the California Department of Water Resources (DWR) to update the Model Water Efficient Landscape Ordinance (MWELO).[13] In 2009, the Office of Administrative Law (OAL) approved the updated MWELO, which required a retail water supplier or a county to adopt the provisions of the MWELO by January 1, 2010, or enact its own provisions equal to or more restrictive than the MWELO provisions.[14]

In response to the Governor's executive order dated April 1, 2015, (EO B-29-15), DWR updated the MWELO and the California Water Commission approved the adoption and incorporation of the updated State standards for MWELO on July 15, 2015.[15] The changes included a reduction to 55 percent for the maximum amount of water that may be applied to a landscape for residential projects, which effectively reduces the landscape area that can be planted with high water use plants. The MWELO applies to all types of new construction with a landscape area greater than 500 square feet (the prior MWELO applied to landscapes greater than 2,500 sf).[16] For residential projects, the coverage of high water use plants is reduced due to the new 55 percent water maximum and turf is limited. For the purposes of this memo it is assumed that the County will require landscaping plans to comply with MWELO as required by law.

It is difficult to predict the ultimate impact of the MWELO requirements on future water demand. While the requirement is for development of a landscape design plan that uses plants and features that are estimated to use no more than 55 percent of ETo (the MWELO's residential landscaping requirement), some provision must be made for the inherent tendency to over-water even with irrigation controllers installed, piecemeal changes in landscape design, and reductions in irrigation efficiency through product use.

2.3 Future Water Use Forecast

This subsection describes the methodology and resulting forecast water demand for the growth allowed by the Plan.

As presented in Section 1, assuming the unincorporated area annual growth rate assumed by the in the County's General Plan of 1.3 percent, the current number of residences

[13] Gov. Code §§ 65591-65599

[14] California Code of Regulations (CCR), Tit. 23, Div. 2, Ch. 27, Sec. 492.4. The MWELO provides the local agency discretion to calculate the landscape water budget assuming a portion of landscape demand is met by precipitation, which would further reduce the outdoor water budget.

[15] These updated changes have been incorporated into California Code of Regulations (CCR), Tit. 23, Div. 2, Ch. 27, Sec. 490-495.

[16] CCR Tit. 23, Div. 2, Ch. 27, Sec. 490.1.

(housing units) increases from 1,273 units to 1,759 units by 2035 – an increase of 486 residential units spread throughout the Plan growth boundary.

Although the type of home, occupancy rates, landscaping and other factors affecting water use are unknown, an estimate of the demand for each new residence can be made based upon the conservation factors discussed previously and the following assumptions:

1. Occupancy averages 2 people per home (the current occupancy rate is 1.7 people per house, as presented in the DWR Study's review of 2010 census data (DWR Study, p. 17).

2. Residential indoor use is based upon 55 gallons per person per day.[17]

3. Residential outdoor use is equivalent to the indoor use, assuming implementation of new MWELO (e.g. 50% of the total residential demand is for outdoor needs, and 50% is for indoor).

4. Non-residential use is equivalent to 40% of the new residential use (consistent with the assumption for existing demand).

5. To reflect anticipated new community parks, potential increased tourism activities (restaurant use, hotel and campground stays, etc.), and various distribution system losses,[18] the incremental demand estimate is increased by an additional 25%.

These assumptions result in a conservative estimate for residential use equal to 220 gallons per person per day (compared to the 310-gallon value presented for current residents). If the entire allowed growth were to occur, the potential 486 new residential units would demand approximately 120 acre-feet annually.

Non-residential use would add approximately 48 acre-feet, for a total estimated demand of 168 acre-feet annually. With the conservative addition of 25%, the incremental demand to meet the allowable land use in the Plan is forecast to be 210 acre-feet annually. This would increase the total demand from 730 acre-feet to 940 acre-feet

[17] The assumed per-person rate of 55 gallons per day is derived from California Water Code Section 10608.20(b)(2)(A), which states a value of 55 gallons per capita (i.e., per person) per day (gpcd) be used for estimating indoor residential use targets.

[18] Often, distribution system losses represent water that is lost due to system leaks, fire protection, unauthorized connections, and inaccurate meters. Essentially, this is the water that is pumped from surface or groundwater sources that does not make it to an end user. In most instances, the predominant source of distribution system losses is from leaks that inevitably exist in pipes and fitting that bring water from the source to an end-user (whether part of a community water system or personal well).

annually, representing a 28% increase in water demand associated with the 38% increase in residences and associated non-residential uses.[19]

3. Water Supply and Reliability

Domestic and municipal water demands in the Three Rivers area are generally met with groundwater, although some of the existing personal and small community water systems also divert surface water from the Kaweah River or its tributaries as defined in various water rights.[20] This is detailed in the previously referenced DWR Study:

> "*Public water supplies rely on surface water from the Kaweah River for 16 percent of the total demand. Groundwater provides the remaining 81 percent of the water supply through water wells, plus an additional 3 percent from spring water*." (DWR Study, p. 28)

3.1 Groundwater and Surface Water Supply Characteristics

Surface and groundwater resources are both dependent on the greater Kaweah River watershed of the Southern Sierra Nevada range. Precipitation falling within the watershed boundaries becomes streamflow in the Kaweah and its tributaries, percolates into fractured bedrock, and fills the alluvial aquifer in the Three Rivers area.

The DWR Study provides a detailed characterization of the Kaweah River surface water hydrology and local groundwater hydrology. Rather than restating the detailed information, the relevant excerpts from the DWR Study are included as **Attachment A** to this memo.

3.2 Water Supply Availability

The availability of water to serve the existing as well as the plausible residential and non-residential growth contemplated by the Plan is based upon the quantity of precipitation in the watershed, the geologic and hydrogeologic characteristics of the fractured rock and alluvial aquifers, the location, depth and pumping capabilities of wells and diversion facilities, and the timing of supply in relation to demand.

Once again, the DWR Study provides detailed information and analysis that can be utilized for understanding this availability. Specifically, the DWR Study provides a comparative analysis of existing water demands (see prior discussion in Section 2) to the

[19] Agricultural water use is not included in this analysis and is expected to remain consistent under both the existing and the Plan's with-growth conditions. This memo assesses the impact to water availability associated with the increased municipal demands contemplated by the County's Three Rivers Community Plan.

[20] For example, Statement of Diversion and Use reports are available at the State Water Resource Control Board's web site (http://ciwqs.waterboards.ca.gov/ciwqs/ewrims/EWMenuPublic.jsp) for S011476, S008181, and S016103 (among others). Most, if not all, are riparian or pre-1914 water right claims to surface water on the Kaweah River and its tributaries.

availability of water – especially groundwater – based upon an assessment of groundwater recharge. **Table 1** provides the DWR Study's representation of recharge based upon a detailed analytic process (see **Attachment A**). The primary message from the analysis is the availability of over 50,000 acre-feet of total groundwater recharge within the DWR Study's boundary (see **Figure 2**) during average precipitation years.

Table 1 – Groundwater Recharge in the Three Rivers Area (source: DWR Study)[21]

Kaweah River Tributary	Watershed	Area of Watershed (acres)	Groundwater Recharge per Watershed (AF)	Groundwater Recharge per Tributary (AF)
North Fork	N. Fork Kaweah River	11,722	8,417	
	Lower N. Fork Kaweah River	7,425	1,656	
	Lake Kaweah	7,901	1,026	11,100
Middle Fork	Marble Fork Kaweah River	8,512	5,544	
	N. Side Lake Kaweah	11,326	3,886	9,430
East Fork	E. Fork Kaweah River	8,191	14,889	
	Lower E. Fork Kaweah River	12,712	17,775	32,664
South Fork	S. Fork Kaweah River	5,984	2,461	
	Lower S. Fork Kaweah River	8,863	1,399	3,860
	Total, All Watersheds:	**82,636**	**57,053**	**57,053**

Importantly, however, the DWR Study also notes, but does not detail, that "[*o*]*n the other hand, periods of extended drought, such as the current four-year drought, would produce a water balance significantly different than that shown above*." (DWR Study, p. 30). The DWR Study goes on to speculate that during 2014 and 2015, the water balance may have been negative.

While the recharge versus use may have been negative for a given year or years, the aquifer would generally have stored water or water from prior year's percolation still available. This fact is demonstrated when evaluating the number of wells that failed in

[21] This table is Table 32 of the DWR Study. Supporting information regarding the derivation of values is detailed in the DWR Study at page 28.

the Three Rivers area during the most recent drought period. As documented by the County as part of its monthly assessment and reporting of well conditions throughout the County, as of January 2017, six groundwater wells in the Three Rivers area have been documented by the County as having failed in some manner.[22] Reviewing the archived reports between fall 2014 and the most recent 2017 reports, the number of wells reported to the County as failing never exceeded six.

According to the DWR Study, there are over 800 active community and personal wells operating in the Plan area to serve the over 1,200 residences and associated non-residential operations. While concerning, the failure of less than 1% of the wells during the unprecedented drought of the past several years indicates the resilience of the fractured bedrock and alluvial aquifers to meet the vast majority of the existing water demands during extremely dry hydrologic conditions. The limited effect of the drought on water supply availability demonstrates the beneficial magnitude of the differential between the more than 50,000 acre-feet of annual recharge and the existing annual demands of approximately 730 acre-feet.

4. Sufficiency of Water Supplies

As presented in Section 2, the future demand is anticipated to be approximately 940 acre-feet annually, which represents less than two percent of the over 50,000 acre-feet of average groundwater recharge in the watershed. On a watershed basis, there is and will continue to be sufficient water supplies recharging the fractured rock and alluvial aquifers to meet the forecast future demands. For purposes of this memo, all new water demands will be met by groundwater resources rather than surface rights.[23]

The location and characteristics of each new well, however, will have more of a potential impact on the sufficiency and available of water than the overall demands effect on the available quantity of groundwater. To further address this potential availability and sufficiency limitation, this section provides suggested answers to common CEQA impact analysis questions, as well as offers County policies that can provide additional assurance and mitigation mechanisms to ensure future demands are met with no or less than significant impacts on existing water resources and existing water users.

[22] http://tularecounty.ca.gov/emergencies/index.cfm/drought/drought-effects-status-updates/2017/week-of-january-2-2017/

[23] Because new surface rights are difficult to obtain, and use of surface water for domestic water use would likely require treatment, the future water demands would be expected to be met with individual wells or new or expanded small community system wells, either relying on the existing aquifer systems.

4.1 Potential Impact Determinations

The County's CEQA analysis will need to address the potential for significant impact to water resources that could result from the allowable growth. The following provides information the County can use to inform the CEQA document for specific impact assessment questions.

> Question: Will growth contemplated by the Plan substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?
>
> Answer: (Less than significant impact) As presented in Section 2, the allowed growth contemplated by the Plan would increase current water demand from approximately 730 acre-feet annually to approximately 940 acre-feet annually. This demand is significantly less than the average annual groundwater recharge that exceeds 50,000 acre-feet as determined by the DWR. Furthermore, as represented by the very few wells reported by the County in the Three Rivers area as failing during the most recent drought period, the small increment of additional demand from Plan growth would not be expected to substantially deplete groundwater supplies during future drought circumstances.
>
> However, the placement of individual wells could have an adverse impact on other local wells if not properly spaced or otherwise constructed to protect existing well operations. The County's General Plan includes specific policies to provide adequate protections so as to cause this potential impact to be less than significant, if any. Specific policies are discussed under Section 4.2. The County also maintains a well permitting process, allowing an assessment of the unique circumstances for each potential new well to assure setbacks from other wells and from septic systems are appropriate.
>
> The combination of the policies and permitting/approval procedures will assure that new wells will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level.
>
> Question: Will growth contemplated by the Plan require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Answer: (Less than significant impact) The growth would result in construction of new domestic or small community water system wells to serve the anticipated additional residences and non-residential enterprises. All new wells and associated infrastructure will be constructed in accordance with County regulations and will obtain permits and approval as specified with such regulations. The construction of new wells would not result in significant environmental effects.

Question: Will the growth contemplated by the Plan have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Answer: (Less than significant impact) Water needed to meet the anticipated growth will be obtain from groundwater sources in compliance with State overlying or appropriative groundwater laws, where overlying rights apply to individual private wells and appropriative rights will apply to any new or expanded small community system.

4.2 Recommendations to Assure No Impact or Less than Significant Impact

The County's General Plan includes several policies protecting existing water resources and existing water users – especially existing well owners – from adverse impact associated with the Three Rivers Community Plan. The following selected policies will provide the assurances necessary to render the impacts to local water resources as less than significant:

LU-3.6 Project Design: The County shall require residential project design to consider natural features, noise exposure of residents, visibility of structures, circulation, access, and the relationship of the project to surrounding uses. Residential densities and lot patterns will be determined by these and other factors. As a result, the maximum density specified by General Plan designations or zoning for a given parcel of land may not be attained.

WR-1.1 Groundwater Withdrawal: The County shall cooperate with water agencies and management agencies during land development processes to help promote an adequate, safe, and economically viable groundwater supply for existing and future development within the County. These actions shall be intended to help the County migrate the potential impact on ground water resources identified during planning and approval processes.

WR-2.1 Protect Water Quality: All major land use and development plans shall be evaluated as to their potential to create surface and groundwater contamination hazards from point and non-point sources. The County shall confer with other

appropriate agencies, as necessary, to assure adequate water quality review to prevent soil erosion; direct discharge of potentially harmful substances; ground leaching from storage of raw materials, petroleum products, or wastes; floating debris; and runoff from the site.

WR-2.9 Private Wells: The County shall ensure that private wells are adequately constructed to provide protection from bacteriological and chemical contamination and do not provide a hazard as to contaminate the aquifer.

WR-3.3 Adequate Water Availability: The County shall review new development proposals to ensure the intensity and timing of growth will be consistent with the availability of adequate water supplies. Projects must submit a Will-Serve letter as part of the application process, and provide evidence of adequate and sustainable water availability prior to approval of the tentative map or other urban development entitlement.

WR-3.5 Use of Native and Drought Tolerant Landscaping: The County shall encourage the use of low water consuming, drought-tolerant and native landscaping and emphasize the importance of utilizing water conserving techniques, such as night watering, mulching, and drip irrigation.

PFS-1.3 Impact Mitigation: The County shall review development proposals for their impacts on infrastructure (for example, sewer, water, fire stations, libraries, streets, etc.). New development shall be required to pay its proportionate share of the costs of infrastructure improvements required to serve the project to the extent permitted by State law. The lack of available public or private services or adequate infrastructure to serve a project, which cannot be satisfactorily mitigated by the project, may be grounds for denial of a project or cause for the modification of size, density, and/or intensity of the project.

PFS-1.4 Standards of Approval: The County should not approve any development unless the following conditions are met:

(a) The applicant can demonstrate all necessary infrastructure will be installed and adequately financed,

(b) Infrastructure improvements are consistent with adopted County infrastructure plans and standards, and;

(c) Funding mechanisms are provided to maintain, operate, and upgrade the facilities throughout the life of the project.

PFS-1.9 New Special Districts: When feasible, the County shall support the establishment of new special districts, including community service districts and public utility districts, to assume responsibility for public facilities and services.

PFS-2.1 Water Supply: The County shall work with agencies providing water service to ensure that there is an adequate quantity and quality of water for all uses, including water for fire protection, by, at a minimum, requiring a demonstration by the agency providing water service of sufficient and reliable water supplies and water management measures for proposed urban development.

PFS-2.2 Adequate Systems: The County shall review new development proposals to ensure that the intensity and timing of growth will be consistent with the availability of adequate production and delivery systems. Projects must provide evidence of adequate system capacity prior to approval.

PFS-2.3 Well Testing: The County shall require new development that includes the use of water wells to be accompanied by evidence that the site can produce the required volume of water without impacting the ability of existing wells to meet their needs.

PFS-2.4 Water Connections: The County shall require all new development in UDBs, UABs, Community Plans, Hamlet Plans, Planned Communities, Corridor Areas, Area Plans, existing water district service areas, or zones of benefit, to connect to the community water system, where such system exists. The County may grant exceptions in extraordinary circumstances, but in these cases, the new development shall be required to connect to the water system when service becomes readily available.

PFS-2.5 New Systems or Individual Wells: Where connection to a community water system is not feasible per PFS-2.4: Water Connections, service by individual wells or new community systems may be allowed if the water source meets standards for quality and quantity.

PFS-3.1 Private Sewage Disposal Standards: The County shall maintain adequate standards for private sewage disposal systems (e.g., septic tanks) to protect water quality and public health.

PFS-3.4 Alternative Rural Wastewater Systems: The County shall consider alternative rural wastewater systems for areas outside of community UDBs and HDBs that do not have current systems or system capacity. For individual users, such systems include elevated leach fields, sand filtration systems,

evapotranspiration beds, osmosis units, and holding tanks. For larger generators or groups of users, alternative systems, including communal septic tank/leach field systems, package treatment plants, lagoon systems, and land treatment, can be considered.

PFS-3.5 Wastewater System Failures: The County shall require landowners to repair failing septic tanks, leach field, and package systems that constitute a threat to water quality and public health or connect to an existing community system through applicable County and/or Regional Water Quality Control Board standards and requirements.

PFS-3.6 Care of Individual Systems: The County shall promote and support programs to educate homeowners on the care and maintenance of private sewage disposal systems.