September 28, 2017

Attn: Shane Taylor, Utilities Manager
City of Arroyo Grande
300 East Branch Street
Arroyo Grande, CA 93420

System Number 4010001 – 2017 Sanitary Survey

Dear Mr. Taylor:

Thank you for your cooperation during the Arroyo Grande water system inspection on August 29, 2017. The inspection was conducted by Matthew Foster, Sanitary Engineer, with the Division of Drinking Water (hereinafter DDW).

The routine inspection of the drinking water system was part of a Sanitary Survey and included examining the source, treatment, storage, and pump facilities. In addition to the water system inspection, this Sanitary Survey included a review of the distribution system, routine monitoring and reporting to the DDW, water system management and operations, and operator compliance with State requirements. The purpose of the Sanitary Survey is to identify any health concerns related to the water system and to assess the overall construction, operation, maintenance, and management of the water system.

Based on the recent field inspection and review of DDW files, several items were identified that require attention by Arroyo Grande to increase the reliability and safety of the water system and to meet all applicable regulations. These items are listed below, and are discussed at greater detail along with a broader analysis of the water system in the Sanitary Survey Report enclosed (Enclosure 1). Please complete the enclosed Sanitary Survey response form (Enclosure 2) and return it to our office within 30 days.

Arroyo Grande Sanitary Survey Follow Up Items:

1. Arroyo Grande has provided blending treatment to mitigate the nitrate levels from Well 4 and Well 5. The water is blended with water from Wells 1, 3, 7, and 8. Wells 4 and 5 have not exceeded the nitrate MCL since 2004 and 2010, respectively. Arroyo Grande may reduce nitrate monitoring to annually for each well. Arroyo Grande may also discontinue nitrate monitoring of the blended water. Well 7 however does exceed secondary MCLs for color, iron, and manganese. Arroyo Grande shall monitor the well at least quarterly for any parameters that exceed the MCL, based on a running annual average. Arroyo Grande shall complete monthly monitoring of the blended water for any parameters that exceed the MCL in any of the blended wells.

2. During the water system inspection on August 29, an insect screen could not be seen on the vent of Reservoir 1. Arroyo Grande shall ensure that the vent of Reservoir 1 is equipped with an insect screen.

3. Manganese from the Well 9 filtration plant is tested by a lab at least monthly. Levels of manganese in the filtered water are usually below the MCL, but during 5 of the most recent 12 months of operation they have exceeded the MCL of 50 µg/L. Arroyo Grande shall ensure that it is adequately backwashing and maintaining the filters, as necessary to keep effluent manganese levels below the MCL.

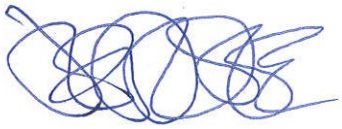
4. During July of 2017, a nitrification sample from Reservoir 5 tested 0.98 mg/L of nitrite. The sample had a total chlorine residual of 0.18 mg/L. It is recommended that Arroyo Grande continue to optimize operation of its distribution system to reduce nitrification, including actions such as optimizing its chlorination process, reducing water age, replacing aging pipes, and flushing and/or temporarily converting distribution residuals from chloramines to free chlorine.

5. DDW has an Emergency Notification Plan on file for Arroyo Grande dated 2011, although it includes old contact information and shall be updated. A blank Emergency Notification Plan template is attached in Enclosure 4.

6. Climate change is affecting and will affect different regions in different ways. Examples of water related impacts that could affect Arroyo Grande include changes in water supply reliability, harmful algal blooms due to a combination of warm waters, reduced ability of warm water to hold dissolved oxygen, and nutrient pollution, potential sewer overflows due to more intense precipitation and increased storm water runoff, and increasing areas subject to saltwater intrusion into groundwater. Arroyo Grande is encouraged to use the U.S. EPA's Climate Resilience Evaluation and Awareness Tool to identify vulnerabilities to climate change impacts. The tool can be found at the following internet URL: https://www.epa.gov/crwu/build-resilience-your-utility

If you have any questions regarding this letter, please contact our office at (805) 566-1326.

Sincerely,



Jeff Densmore, P.E., District Engineer
Santa Barbara District
Division of Drinking Water
State Water Resources Control Board

Enclosure 1: Sanitary Survey Report
Enclosure 2: Sanitary Survey Response Form
Enclosure 3: Last Sample Date and Monitoring Schedule
Enclosure 4: Emergency Notification Plan Template

cc: San Luis Obispo County Environmental Health Services

Enclosure 1

Sanitary Survey Report

City of Arroyo Grande

State Water Resources Control Board

Division of Drinking Water

Southern California Field Operations Branch

Sanitary Survey

Engineering Report

City of Arroyo Grande

4010001

San Luis Obispo County

September 28, 2017

Prepared By

Matthew Foster, P.E.

Sanitary Engineer, Santa Barbara District

September 28, 2017

Sanitary Survey Report
For
City of Arroyo Grande
San Luis Obispo County

State Water Resources Control Board
Division of Drinking Water
Southern California Field Operations Branch
Matthew Foster, Sanitary Engineer

I. INTRODUCTION

1.1 PURPOSE OF REPORT

The purpose of this report is to document the findings of the recent Sanitary Survey. Sanitary Surveys are required every three years, at a minimum, and consist of a discussion and survey of eight elements (*Source, Treatment, Distribution System, Finished Water Storage, Pumps/Pump Facilities/Controls, Monitoring/Reporting/Data Verification, System Management and Operation, and Operator Compliance with State Requirements*). Each element is comprised of several components. The public water system is required to comply with all regulations pertaining to each element. If the Division of Drinking Water (hereinafter DDW) identifies a *significant deficiency* in any element category during a Sanitary Survey, the public water system will be required to correct the *significant deficiency* in a specified time frame.

1.2 BRIEF DESCRIPTION OF SYSTEM

The City of Arroyo Grande's water system is publically owned and serves the City of Arroyo Grande. Arroyo Grande operates eight groundwater wells, two turnouts from the Lopez Project, two oxidation and filtration treatment plants, six reservoirs, and six booster stations to provide potable water to an estimated 17,790 people via 6,640 service connections. It is classified as a community water system and operates under the authority of permit number 04-06-95P-043, issued by DDW in 1995 and most recently amended in 2010. The previous Sanitary Survey of Arroyo Grande was conducted during April of 2013. Arroyo Grande plans to add an additional well, known as Well 11, and an arsenic, iron, and manganese treatment plant to its water system in the near future.

1.3 SOURCES OF INFORMATION

All information included in this report was obtained from DDW files, Arroyo Grande personnel, and a site visit on August 29, 2017.

1.4 WATER DEMAND DATA

Table 1: Water Demand Data for the Previous 10 Years

Year	Maximum Daily Water Demand (Gallons)	Maximum Monthly Water Demand (Gallons)	Annual Water Demand (Gallons)
2007	5,300,000*	121,300,000*	1,169,700,000
2008	5,450,000	118,700,000*	1,144,790,000
2009	4,800,000*	110,000,000*	1,061,000,000
2010	4,300,000*	99,900,000*	963,200,000
2011	4,180,000	104,970,000	952,230,000
2012	4,600,000	101,600,000	984,600,000
2013	4,720,000	103,910,000	1,013,850,000
2014	3,910,000	92,510,000	896,770,000
2015	3,230,000	71,300,000	729,580,000
2016	2,900,000*	67,450,000	634,790,000

*Estimated from annual or monthly demand data

Based on the previous ten years of available water use data, the maximum day demand is about 5.5 mgd or 3,800 gpm.

1.5 ENFORCEMENT HISTORY

Since the previous Sanitary Survey during April of 2013, no enforcement actions have been issued to Arroyo Grande.

II. INVESTIGATION AND FINDINGS

2.1 ELEMENT 1: SOURCES

Arroyo Grande's sources of water include eight groundwater wells and two connections to the Lopez Project. The sources can collectively produce about 5,470 gpm or 7.8 mgd. The water from the Lopez Project and from the wells is treated with chloramines for disinfection purposes before being pumped into Arroyo Grande's distribution system. A review of water quality sampling of the wells indicates that the water meets all water quality standards before it enters the distribution system.

2.1.1 GROUNDWATER SUPPLIES

Arroyo Grande operates six active wells located within the adjudicated Santa Maria River Valley Groundwater Basin (Wells 1, 3, 4, 5, 7, & 8). Arroyo Grande has an entitlement from the groundwater basin of 431,000,000 gallons per year. The six wells together can produce about 3,300 gpm, or 4.8 mgd. Arroyo Grande also operates two active wells outside of the limits of the groundwater basin, with capacities of about 65 gpm each (Wells 9 & 10).

Well 3 is located about 50 feet from the edge of a stormwater infiltration basin and is considered to be under the influence of surface water when surface water is present in the infiltration basin. Wells 7 and 8 are also located near the infiltration basin, but are not considered to be under the influence of surface water due to deeper perforations and adequate annular seals. When Well 3 is operated, it is required to be tested for turbidity at least monthly and remain below 0.5 NTU. Chlorine residuals are required to be tested at least daily and remain above 0.5 mg/L. The filtration and disinfection requirements of the Surface Water Treatment Rule apply to Well 3 when surface water is present within 150 feet of the well.

The wells are generally equipped with concrete pads, casing vents, groundwater level sensors, non-threaded sample taps, pressure relief valves, pump-to-waste lines, flow meters. Wells 1-8 are equipped with vertical turbine pumps, and Wells 9 & 10 are equipped with submersible pumps. None of the wells are located in areas that are considered to be vulnerable to flooding. No sanitary deficiencies were identified at any of the wells.

Drinking water source assessments were completed for the wells in 2013 and determined them to be most vulnerable to the following: sewer collection systems, utility maintenance areas, stormwater infiltration basins, high density housing, parks, roadside right of ways, other water supply wells, and grazing animals.

Well 5 is considered to be aggressive to asbestos cement pipes. If it is operated without the use of an additional well for blending, a sample shall be collected from a portion of the distribution system that is served by asbestos cement pipes and tested for asbestos at least every 9 years. Well 7 exceeds the MCLs for color, iron, and manganese. Well 9 exceeds the MCLs for manganese and odor. **Arroyo Grande shall ensure that it tests the blended water for color, iron, and manganese at least monthly.**

Well 11 was drilled in 1992 and has been used for construction water. Arroyo Grande plans to add the well to its potable water system, along with an arsenic, iron, and manganese filtration system. A permit application was submitted on April 28, 2015. Upgrades to the well and construction of the filtration plant are nearing completion. The well is located outside of the border of the Santa Maria

River Valley Groundwater Basin. It can produce about 45 gpm. The well was drilled to a depth of 305 feet below ground, with a 13-inch diameter. It was constructed with a 6-inch diameter PVC casing, with perforations from 65 to 125, 205 to 225, and 265 to 285 feet below ground. It has a 50-foot cement annular seal. The well exceeds MCLs for arsenic, iron, and manganese. **DDW will prepare a domestic water supply permit. Please keep our office up to date on the progress of construction and estimated date for startup.**

Table 2: Active Well Info

Source Name & PS Code	Year Drilled	Well Depth (ft.)	Perforations (ft.)	Annular Seal Depth (ft.)	Well Yield (gpm)	Pump Type
Well 1 4010001-001	1940	200	90-200	Unknown	300	Vertical Turbine
Well 3 4010001-002	1954	219	100-219	29	450	Vertical Turbine
Well 4 4010001-003	1964	232	92-232	50	580	Vertical Turbine
Well 5 4010001-004	1964	200	75-200	55	950	Vertical Turbine
Well 7 4010001-006	1982	580	290-460, 475-490 500-515, 525-545 555-570	260	600-1000*	Vertical Turbine
Well 8 4010001-007	1990	250	136-230	136	460	Vertical Turbine
Well 9 4010001-008	1990	460	160-440	106	65	Submersible
Well 10 4010001-013	2006	850	620-830	60	65	Submersible
Well 11 (Pending) 4010001-015	1992	305	65-125, 205-225 265-285	50	45	Submersible

*Well 7 currently produces 600 gpm, but a planned rehabilitation is expected to increase it to 1000 gpm.

2.1.2 AUXILIARY SOURCES AND INTERCONNECTIONS

Arroyo Grande purchases treated surface water from the Lopez Project. The Lopez Project is county owned and serves the communities of Arroyo Grande, Grover Beach, Pismo Beach, Oceano, and Avila Beach. The Lopez Project facilities include the Lopez Lake and Dam, Lopez Terminal Reservoir, Lopez Water Treatment Plant, and a connection to the Central Coast Water Authority. The Lopez Water Treatment Plant is a microfiltration plant that has been permitted for compliance with the Surface Water Treatment Rule. Water in the Lopez Lake comes from natural runoff from about 66 square miles of the upper portion of the Arroyo Grande Creek Watershed. The Central Coast Water Authority's source of water is the State Water Project, and it is treated at the

Polonio Pass Water Treatment Plant. The Polonio Pass Water Treatment Plant is a conventional filtration water treatment plant. During the last five years, an average of about one third of the water from Lopez came from the Central Coast Water Authority, and two thirds came from Lopez Lake. The water from the Lopez Project has a chloramine disinfectant residual. Arroyo Grande's connections to the Lopez Project can provide up to 2,000 gpm, or 2.8 mgd.

Table 3: Purchased Water Turnout Info			
Name	Diameter (inches)	Capacity (gpm)	Delivers Water To
Brisco Turnout	10	1,000	Main Zone
Edna Turnout	10	1,000	Main Zone

2.1.3 ADEQUACY OF SUPPLY

Arroyo Grande is required to have enough source capacity at all times to meet its maximum day demand, as determined from the past 10 years. Arroyo Grande has a maximum day demand of about 5.5 mgd and a total source capacity of about 7.5 mgd, and therefore is considered to have an adequate water supply. With the Lopez Project offline however, Arroyo Grande's source capacity would drop to about 4.3 mgd, including all wells except for Well 3. This would be enough to meet an average day's demand, but potentially not enough to meet maximum day demand.

2.2 ELEMENT 2: TREATMENT

2.2.1 GROUNDWATER TREATMENT

Water from Wells 9 and 10 is treated for manganese and sulfides using oxidation and filtration. The water is injected with potassium permanganate to oxidize minerals in the water. It is then passed through pressure filtration systems designed by Culligan. The filters include three types of proprietary media from Culligan. The filters have flow rate of about 5 gpm/ft^2. The filters are backwashed when the differential pressure across the filter reaches approximately 10 psi. Backwash water is discharged to a sewer through an air gap. After backwash, the filter runs to waste for a few minutes before sending water to the distribution system. The filtered water is injected with sodium hypochlorite and ammonium sulfate to match the chloramine residual in the distribution system. Monthly reports are submitted to DDW monthly to confirm compliance with the manganese MCL.

A filtration system is being added for Well 11, which exceeds the MCLs for iron, manganese, and arsenic. The treatment plant includes the injection of a sodium hypochlorite solution for oxidation and disinfection purposes, the injection of a sodium hydroxide solution for pH adjustment, flow through a GreensandPlus and anthracite media filter, and the injection of an ammonium sulfate solution for the production of chloramines in the finished water. Details of the filter plants are listed below in Table 4:

Table 4: Active Iron and Manganese Treatment Facility Info			
Source Treated	Type	Vessel Size	Flow Rate (gpm)
Well 9	Mn/H_2S Filtration	48" ⌀ x 60" H	65
Well 10	H_2S Filtration	48" ⌀ x 60" H	65
Well 11 (Pending)	As/Fe/Mn Filtration	48" ⌀ x 60" H	45

Wells 4 and 5 have exceeded the MCL for nitrate of 10 mg/L in the past. Blending treatment has been provided to mitigate the nitrate levels in Wells 4 and 5. The water is blended with water from Wells 1, 3, 7, and 8, and with the Brisco Lopez Turnout. Wells 4 and 5 have not exceeded the nitrate MCL since 2004 and 2010 respectively. Arroyo Grande may reduce nitrate monitoring to annually for each well. Arroyo Grande may also discontinue nitrate monitoring of the blended water. Well 7 however does exceed MCLs for color, iron, and manganese. **Arroyo Grande shall monitor the well at least quarterly for color, iron, and manganese. Arroyo Grande shall monitor the blended water for color, iron, and manganese at least monthly.**

Disinfection treatment is provided for Wells 1, 3, 4, 5, 7, and 8 by the injection of a 12.5% sodium hypochlorite solution and an ammonium sulfate solution into Wells 7 and 8's discharge line, before blending with Wells 1-5 and before entry to the distribution system. The chemical pumps are paced with the combined flow from the wells and a residual of about 1.5 mg/L is maintained in the distribution system. Arroyo Grande targets a 4:1 chlorine:ammonia ratio to match the chloramines provided to the water from the Lopez Project.

Disinfection treatment is provided for Wells 9 and 10 by the injection of a 12.5% sodium hypochlorite solution and an ammonia sulfate solution into the effluent of the wells' filtration plants. The injection pumps are activated when the wells are activated, at constant pace.

Table 5: Active Disinfection Treatment Facility Info		
Sources Treated	Type	Residual (mg/L)
Wells 1, 3, 4, 5, 7, & 8	NH_2Cl	1.5
Well 9	NH_2Cl	1.5
Well 10	NH_2Cl	1.5
Well 11 (Pending)	NH_2Cl	1.5

2.3 ELEMENT 3: DISTRIBUTION SYSTEM

2.3.1 DISTRIBUTION LINES

Arroyo Grande's distribution system is made up of six pressure zones: a Main Zone, Rancho Grande Zone, Oro Zone, Vista Del Mar Zone, Miller Way Zone, and a Reservoir 5 Zone. There are approximately 88 miles of distribution mains. The distribution pipelines are made of asbestos cement, cast iron, and PVC. They range from 2 inches to 16 inches in diameter, with an average diameter of 8

inches, and are pressurized to between 40 and 100 psi. The system includes 130 dead ends and 2125 valves, which are flushed and exercised when needed annually and biannually, respectively. During 2016, about 6% of the water produced or purchased was lost in the distribution system from flushing, leaks, fire flow, and/or other unmetered uses.

Arroyo Grande is required to maintain adequate separation between its water supply lines and any pipelines conveying non-potable fluids and/or any waste disposal sites or other potential sources of contamination, as described in the California Waterworks Standards.

2.3.2 CROSS-CONNECTION CONTROL PROGRAM

A total of 671 backflow prevention devices are used to protect the water system from potential cross-connections. Arroyo Grande is required to ensure that all of the necessary backflow prevention devices are tested annually. Roughly 7% are repaired or replaced each year, as shown in Table 6 below. Jon Williams from San Luis Obispo County Environmental Health Services coordinates the cross-connection control program for Arroyo Grande.

Table 6: Backflow Prevention Device Testing Results

Year	Number Tested	Number Failed	Number Repaired
2013	634	50	38
2014	641	31	30
2015	642	47	43
2016	671	54	53

2.4 ELEMENT 4: FINISHED WATER STORAGE

Six storage tanks provide Arroyo Grande with a maximum of 6.7 million gallons of storage capacity. Five of the tanks are constructed of welded steel, and one is constructed of concrete. Four of the tanks have common inlets and outlets, one has a separate inlet and outlet, and one has a Tideflex manifold to promote mixing. Four of the tanks have also been equipped with GridBee GS-12 submersible tank mixers. Details of the storage tanks are listed below in Table 7.

Table 7: Active Reservoir Info

Name	Type	Year Built	Capacity (MG)	Zone Served	Mixing
Reservoir 1	Concrete	2005	2	Main Zone	Active
Reservoir 2	Welded Steel	1961	1	Main Zone	Active
Reservoir 3	Welded Steel	1979	0.25	Oro Zone	None
Reservoir 4	Welded Steel	1982	2	Main Zone	Active
Reservoir 5	Welded Steel	1986	1.2	Rancho Grande Zone	Active
Reservoir 6	Welded Steel	2010	0.25	Oro Zone	Tideflex

During the water system inspection on August 29, an insect screen could not be seen on the vent of Reservoir 1. Arroyo Grande shall ensure that the vent of Reservoir 1 is equipped with an insect screen.

2.5 ELEMENT 5: PUMPS, PUMP FACILITIES, AND CONTROLS

Six booster pump stations are used to maintain pressure in Arroyo Grande's distribution system. The Main Zone is fed by Wells 1-8, and by the two Lopez Project Turnouts. The water level in Reservoir 1 triggers the operation of the wells and of the Brisco Booster Station, which pumps water from the Brisco turnout to the Main Zone. The other five zones are fed primarily by booster stations that pump from the Main Zone. The Rancho Grande and Oro Zones rely on the Rancho Grande and Oro Booster Stations, respectively. These booster stations are activated by the water levels in Reservoirs 3 and 5. The Rancho Grande, Oro, Reservoir 5, and Vista Del Mar booster stations are equipped with manual or automatic transfer switches for backup power if needed. The Miller Way Booster station does not have backup power, but the Miller Way Zone can be maintained above 30 psi without use of the booster station.

Table 8: Booster Pump Station Info

Name	# of Pumps	Capacity* (gpm)	Delivers Water From	Delivers Water To
Rancho Grande	2	1,000	Main Zone	Rancho Grande Zone
Oro	2	300	Main Zone	Oro Zone
Miller Way	2	200	Rancho Grande Zone	Miller Way Zone
Brisco	1	1,700	Brisco Turnout	Main Zone
Reservoir 5	5	1,500	Reservoir 5	Reservoir 5 Zone
Vista Del Mar	5	1,400	Main Zone	Vista Del Mar Zone

*Capacity figures are calculated with the largest pump offline, except for the Brisco Station

2.6 ELEMENT 6: MONITORING, REPORTING, AND DATA VERIFICATION

2.6.1 SOURCE MONITORING

Arroyo Grande is required to routinely monitor its groundwater sources for general physical parameters, general minerals, inorganic chemicals, radiological chemicals, volatile organic compounds (VOCs), synthetic organic compounds (SOCs), total coliform bacteria, and *E. coli*. Monitoring for asbestos has been waived for Wells 5, 7, 8, 9, and 10. Either Well 1, 3, or 4 is required to be sampled at least every 9 years. Well 1 was sampled during 2004 and Well 3 was sampled during 2013. Well 4 shall be sampled for asbestos during 2022.

2.6.1.1 CHEMICAL MONITORING

The tables below show the results of previous monitoring and the next due dates for future monitoring:

Table 9: Chemical Monitoring Frequency of Wells							
Source Name & PS Code		General Physical & Minerals	Inorganic & Nitrite	Nitrate	Radio-logical	VOCs	SOCs
Well 1 4010001-001	Last Sample	2015	2015	2017	2012	2015	2012
	Frequency	3 Years	3 Years	Annually	9 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2021	2018	2021
Well 3 4010001-002	Last Sample	2015	2015	2017	2012	2015	2012
	Frequency	3 Years	3 Years	Annually	9 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2021	2018	2021
Well 4 4010001-003	Last Sample	2015	2015	2017	2012	2015	2012
	Frequency	3 Years	3 Years	Annually	9 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2021	2018	2021
Well 5 4010001-004	Last Sample	2015	2015	2017	2013	2015	2012
	Frequency	3 Years	3 Years	Annually	6 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2019	2018	2021
Well 7 4010001-006	Last Sample	2015	2015	2017	2012	2015	2012
	Frequency	3 Years	3 Years	Annually	6 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2018	2018	2021
Well 8 4010001-007	Last Sample	2015	2015	2017	2012	2015	2012
	Frequency	3 Years	3 Years	Annually	6 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2018	2018	2021
Well 9 4010001-008	Last Sample	2015	2015	2017	2012	2015	2012
	Frequency	3 Years	3 Years	Annually	9 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2021	2018	2021
Well 10 4010001-013	Last Sample	2015	2015	2017	2017	2015	2014
	Frequency	3 Years	3 Years	Annually	9 Years	3 Years	9 Years
	Next Sample	2018	2018	2018	2026	2018	2023

Table 10: Last Chemical Monitoring Results (Detected Chemicals Only)												
	MCL	DLR	LP	W1	W3	W4	W5	W7	W8	W9	W10	W11
Aggressive Index			12.9	11.7	12.0	11.9	**11.3**	12.4	12.1	11.9	11.7	--
Bicarbonate Alkalinity (mg/L)			316	200	240	220	130	460	290	200	190	31
Calcium (mg/L)			81	73	87	83	53	110	99	37	3.7	21
Chloride (mg/L)	500*		76	47	47	47	42	25	43	77	50	140
Color (Units)	15		1	ND	ND	3	ND	**33**	ND	ND	ND	15
Copper (µg/L)	1000	50	82	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Hardness as $CaCO_3$ (mg/L)			271	320	380	360	230	500	420	150	9.1	99
Iron (µg/L)	300	100	ND	ND	ND	200	ND	**1300**	ND	ND	ND	**1900**
Magnesium (mg/L)			33	33	39	36	24	54	43	15	ND	11
Manganese (µg/L)	50	20	ND	ND	ND	ND	ND	**58**	ND	**118**	ND	**110**
Odor (Units)	3	1	2	1	1	1	1	3	1	**4**	2	1
pH			8.3	7.2	7.4	7.3	7.1	7.4	7.3	7.7	8.5	6.4

Table 10: Last Chemical Monitoring Results (Detected Chemicals Only)												
	MCL	DLR	LP	W1	W3	W4	W5	W7	W8	W9	W10	W11
Sodium (mg/L)			73	43	46	43	42	40	41	71	115	73
Specific Conductance (µS/cm)	1600*		779	780	890	850	610	980	920	620	510	570
Sulfate (mg/L)	500*	0.5	128	150	170	160	110	140	170	27	16	20
Total Dissolved Solids (mg/L)	1000*		510	520	570	550	380	610	600	370	305	380
Turbidity (NTU)	5	0.1	0.1	0.1	ND	1.4	ND	4.9	ND	ND	0.4	**7.02**
Arsenic (µg/L)	10	2	1.4	ND	ND	ND	ND	2.5	ND	ND	ND	**14**
Fluoride (mg/L)	2	0.1	0.23	0.24	0.23	0.24	0.21	0.21	0.24	0.13	0.14	1.1
Selenium (µg/L)	50	5	ND	ND	5.7	8.1	ND	ND	ND	ND	ND	ND
Nitrate as N (mg/L)	10	0.4	ND	7.2	8.2	7.5	7.3	0.4	5.0	ND	ND	ND
Gross Alpha (pCi/L)	15†	3	ND	ND	ND	ND	4.4	6.4	4.8	ND	ND	--
Uranium (pCi/L)	20	1	< 3	< 3	< 3	< 3	ND	6.4	1.9	< 3	< 3	--
Langelier Index at 62 °F			0.8	-0.4	0.0	-0.2	**-0.7**	0.4	0.0	-0.1	-0.3	--
Boron (µg/L)		100	ND	ND	ND	ND	ND	ND	ND	170	ND	--
Vanadium (µg/L)		3	--	3.9	ND	5.1	ND	4.1	3.5	ND	ND	--
Total Alkalinity as $CaCO_3$ (mg/L)			178	160	200	180	110	370	240	160	170	--
Potassium (mg/L)			--	2.2	2.3	2.6	2.2	2.5	2.6	4.3	0.9	--
Chlorite (mg/L)	1.0	0.02	0.4	--	--	--	--	--	--	--	--	--
Chlorate (mg/L)		0.02	0.4	--	--	--	--	--	--	--	--	--

*The values for TDS, SC, Cl^-, and SO_4^{2-} are upper values of MCL ranges for which no fixed MCL has been established.
†The Gross Alpha MCL of 15 pCi/L excludes radon and uranium.

2.6.1.2 BACTERIOLOGICAL MONITORING

To monitor the bacteriological quality of its raw groundwater, Arroyo Grande tests each well in use at least quarterly for total coliform bacteria and *E. coli*. For compliance with the Groundwater Rule, Arroyo Grande is also required to test its groundwater sources for bacteria when a routine distribution sample is positive for coliform bacteria. Table 11 below summarizes how many samples were collected each month, how many were positive for total coliform bacteria, and how many were positive for *E. coli*:

Table 11: Bacteriological Monitoring of Sources (Total Coliform and *E. coli*)				
Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
2013	8-0-0	8-0-0	8-0-0	8-0-0
2014	6-1-0	7-3-0	8-0-0	None
2015	8-0-0	8-0-0	5-0-0	2-0-0
2016	3-0-0	6-0-0	7-0-0	8-0-0
2017	4-1-0	11-2-0	5-0-0	

Key: # of samples collected - # of total coliform positive results - # of *E. coli* positive results

During the 1st Quarter of 2014 Well 8 was positive for total coliform bacteria. During the 2nd Quarter of 2014 Wells 1, 3, and 8 were positive. During the 1st Quarter of 2017 Well 7 was positive. During the 2nd Quarter of 2017 Wells 3 and 7 were positive for total coliform bacteria.

2.6.2 TREATMENT MONITORING

2.6.2.1 GROUNDWATER

To monitor the performance of its manganese filtration plants, Arroyo Grande routinely tests the influent and effluent for manganese. Manganese from the Well 9 filtration plant is tested by a lab at least monthly. **Levels of manganese in the filtered water are usually below the MCL, but during 5 of the most recent 12 months of operation they have exceeded the MCL of 50 µg/L. Arroyo Grande shall ensure that it is adequately backwashing and maintaining the filters, as necessary to keep effluent manganese levels below the MCL.** Monthly results a recent 12 months of operation are provided in Tables 12 and 13 below:

Table 12: Manganese Monitoring of Well 9 Treatment Plant (µg/L)

		7/'14	8/'14	3/'15	4/'15	5/'15	4/'16	5/'16	6/'16	7/'16	8/'16	9/'16	6/'17
Mn	In.	178	171	106	162	177	100	177	171	160	163	149	119
	Eff.	23	**103**	21	ND	23	28	**146**	**60**	29	ND	**104**	**58**

Table 13: Manganese Monitoring of Well 10 Treatment Plant (µg/L)

		7/'14	8/'14	3/'15	4/'15	5/'15	4/'16	5/'16	6/'16	7/'16	8/'16	9/'16	6/'17
Mn	In.	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Eff.	ND	32	ND	ND	ND	**79**	ND	ND	ND	ND	ND	ND

To monitor the performance of its nitrate blending facility, Arroyo Grande tests the nitrate blend at least monthly for nitrate. The nitrate levels have steadily declined in the raw well water, although **Well 7 has exceeded the secondary standards for color, iron, and manganese.** Arroyo Grande may suspend its increased nitrate monitoring. **Arroyo Grande shall test the blended water for color, iron, and manganese at least monthly, while Well 7 is in operation.**

2.6.3 DISTRIBUTION SYSTEM MONITORING

Arroyo Grande is required to routinely monitor its distribution system for total coliform bacteria, *E. coli*, lead and copper, disinfection byproducts, chlorine residuals, and asbestos when the water has been determined to be aggressive.

2.6.3.1 BACTERIOLOGICAL MONITORING

Arroyo Grande is required to test at least five samples for bacteria per week from its distribution system. Table 14 below summarizes the results:

Table 14: Bacteriological Monitoring of Distribution System (Total Coliform and *E. coli*)												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013	25-0-0	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	20-0-0	20-0-0	25-0-0
2014	20-0-0	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	25-0-0	20-0-0	25-0-0	20-0-0	20-0-0	25-0-0
2015	23-1-0	20-0-0	25-0-0	25-0-0	20-0-0	25-0-0	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	25-0-0
2016	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	25-0-0	20-0-0
2017	25-1-0	23-0-0	20-0-0	20-0-0	25-0-0	20-0-0	20-0-0	TBD	TBD			

Key: # of samples collected - # of total coliform positive results - # of *E. coli* positive results

During January of 2015 Sample Station 1 was positive for total coliform bacteria. During January of 2017 Sample Station 7 was positive for total coliform bacteria. All repeat samples were absent.

2.6.3.2 LEAD AND COPPER MONITORING

For compliance with the Lead and Copper Rule, Arroyo Grande tests 30 samples collected from its customers' taps at least triennially. During 2017 an extra set of samples was collected after the Lopez Project began adjusting its effluent pH, to ensure that the corrosiveness of the water was not negatively affected. Recent results are summarized in Table 15 below:

Table 15: Lead and Copper Monitoring of Distribution System				
Sampling Date	Sample Set	# of Samples	90th% Lead (mg/L)	90th% Copper (mg/L)
9/12/2013	2011-2013	30	0.011	0.52
8/9/2016	2014-2016	30	ND	0.91
8/11/2017	2017	31	ND	0.72

2.6.3.3 DISINFECTION BYPRODUCTS AND DISINFECTANT RESIDUALS MONITORING

Arroyo Grande tests four distribution system locations for total trihalomethanes (TTHMs) and haloacetic acids five (HAA5) quarterly to comply with the standard monitoring requirements for disinfection byproducts. Table 16 below summarizes the quarterly averages of the results:

Table 16: Averages of Disinfection Byproduct Monitoring of Distribution System																	
	'13 Q3	'13 Q4	'14 Q1	'14 Q2	'14 Q3	'14 Q4	'15 Q1	'15 Q2	'15 Q3	'15 Q4	'16 Q1	'16 Q2	'16 Q3	'16 Q4	'17 Q1	'17 Q2	'17 Q3
TTHMs (µg/L)	33	61	44	26	68	45	31	34	70	39	27	43	74	39	35	37	TBD
HAA5 (µg/L)	12	32	22	14	31	18	17	17	21	14	14	16	22	17	16	23	TBD

For compliance with the maximum residual disinfectant level for chlorine of 4.0 mg/L, Arroyo Grande monitors its distribution system for chlorine residual when it collects its routine bacteriological samples. The monthly averages of the results are listed in Table 17 below:

Table 17: Chlorine Residuals Monitoring of Distribution System (mg/L)												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013	1.85	1.76	1.76	1.34	1.29	1.26	1.25	1.44	1.38	1.36	1.34	1.58
2014	1.96	1.83	1.87	1.99	1.62	1.53	1.56	1.41	1.78	1.19	1.40	1.68
2015	1.47	1.53	1.77	1.75	1.37	1.26	1.32	1.41	1.5	1.57	1.17	1.57
2016	1.96	1.69	1.58	1.39	1.47	1.49	1.38	1.41	1.53	1.40	1.42	1.25
2017	1.24	1.17	1.10	1.25	1.36	1.12	0.97	TBD	TBD			

2.6.3.4 NITRIFICATION MONITORING

Arroyo Grande tests its distribution reservoirs weekly for total chlorine residual, pH, and temperature to monitor for nitrification. Testing for nitrite is triggered when chlorine residual is less than 0.5 mg/L. The most recent 12 months of nitrification monitoring data is summarized in Table 18 below:

Table 18: Nitrification Monitoring of Reservoirs Averages												
	8/'16	9/'16	10/'16	11/'16	12/'16	1/'17	2/'17	3/'17	4/'17	5/'17	6/'17	7/'17
Cl_2 (mg/L)	0.85	0.99	0.98	1.12	0.63	0.55	0.90	1.07	0.76	1.26	0.95	0.82
pH	8.5	8.6	8.6	8.8	8.7	8.8	8.9	8.9	8.9	8.7	8.6	8.7
Temp (°F)	74.1	74.6	72.0	68.6	62.4	58.4	61.2	65.8	67.8	70.7	74.4	76.4
NO_2* (mg/L)	0.007	0.035	0.046	0.179	0.086	0.116	0.068	0.126	0.162	0.166	0.017	0.223

*Nitrate is tested only when chlorine is below 0.5 mg/L, this is an average of nitrate when chlorine is below 0.5 mg/L.

From August 2016 to July 2017, approximately 8 percent of Arroyo Grande's chlorine samples from its reservoirs contained 0.2 mg/L or less of total chlorine residual. The average nitrite level in samples with less than 0.5 mg/L was about 0.1 mg/L, as N. During July of 2017, a sample from Reservoir 5 had tested 0.98 mg/L of nitrite. The sample had a total chlorine residual of 0.18 mg/L. **It is recommended that Arroyo Grande continue to optimize operation of its distribution system to reduce nitrification, including actions such as optimizing its chlorination process, reducing water age, replacing aging pipes, and flushing and/or temporarily converting distribution residuals from chloramines to free chlorine.**

2.6.4 RECORDKEEPING

Arroyo Grande is required to maintain records on all complaints received and corrective actions taken, water quality, violations and corrective actions taken, sanitary surveys, variances or exemptions, public notices, and monitoring plans. The records are required to be retained for the lengths of time listed in Table 19 below:

Table 19: Water System Recordkeeping Lengths of Retention		
Subject	Documents	Length of Retention (After Use)
Complaints	Documentation and Action	5 Years
Microbial and Turbidity Analyses	Analyses Info and Results	5 Years
Chemical Analyses	Analyses Info and Results	10 Years
Violations	Documentation and Action	3 Years
Sanitary Surveys	Reports and Communications	10 Years
Variances or Exemptions	Documentation	5 Years
Public Notices	Copies of Notices	3 Years
Bacteriological Monitoring Plans	Copies of Plans	5 Years
Chemical Monitoring Plans	Copies of Plans	10 Years
Consumer Confidence Reports	Copies of Reports	3 Years
Lead and Copper	Analyses, Reports, Surveys…	18 Years

2.7 ELEMENT 7: SYSTEM MANAGEMENT AND OPERATIONS

2.7.1 ORGANIZATION AND PERSONNEL

The City of Arroyo Grande was incorporated in 1911. Shane Taylor serves as Utilities Manager. Arroyo Grande operates with an approximately $10 million annual budget and charges a variable base rate and variable usage rate to its customers to cover the costs of operation.

2.7.2 OPERATIONAL PLANS AND REPORTING

DDW has an Emergency Notification Plan on file for Arroyo Grande dated 2011, **although it includes old contact information and is in need of an update.** Annual Reports are submitted to the DDW and Consumer Confidence Reports are distributed to customers by July 1st every year. A Bacteriological Sample Siting Plan was updated in 2017.

Climate change is affecting and will affect different regions in different ways. Examples of water related impacts that could affect Arroyo Grande include changes in water supply reliability, harmful algal blooms due to a combination of warm waters, reduced ability of warm water to hold dissolved oxygen, and nutrient pollution, potential sewer overflows due to more intense precipitation and increased storm water runoff, and increasing areas subject to saltwater intrusion into groundwater. **Arroyo Grande is encouraged to use the U.S. EPA's Climate Resilience Evaluation and Awareness Tool to identify vulnerabilities to climate change impacts.** The tool can be found at the following internet URL:

https://www.epa.gov/crwu/build-resilience-your-utility

2.8 ELEMENT 8: OPERATOR COMPLIANCE WITH STATE REQUIREMENTS

Arroyo Grande's distribution system is classified as a D4 distribution system and the highest classified treatment facility is classified as a T1 facility. Arroyo Grande employs seven D1-D4 certified operators to meet the distribution operator requirements, and seven T2-T3 certified operators to meet the treatment operator requirements. All operators' certifications are up to date.

Table 20: Water System Facility Operator Certification Classifications

Facility Name	Sampling Point ID(s)	Classification Required
Elm Street Blend	010	T1
Well 9 Mn/H_2S Filtration	011	T1
Central Chloramination	012	T1
Well 10 H_2S Filtration	014	D1 or T1

Table 21: Water System Sampling Point Locations

Facility Name	Location	PS Code
Well 1	S Elm St	4010001-001
Well 3	S Elm St	4010001-002
Well 4	S Elm St	4010001-003
Well 5	Ash St	4010001-004
Well 7	S Elm St	4010001-006
Well 8	S Elm St	4010001-007
Well 9	N Oak Park Blvd	4010001-008
Lopez Project	Brisco Rd and E Branch St	4010001-009
Nitrate Blend	S Elm St/Ash St	4010001-010
Well 9 Mn/H_2S Filtration	N Oak Park Blvd	4010001-011
Central Chloramination	S Elm St	4010001-012
Well 10	Deer Trail Cir	4010001-013
Well 10 H_2S Filtration	Deer Trail Cir	4010001-014
501 Via La Barranca	Via La Barranca	4010001-015
1147 Flora Road	Flora Rd	4010001-016
441 Stagecoach Road	Stagecoach Rd	4010001-017
630 South Via Firenze Court	S Via Firenze Ct	4010001-018

III. CONCLUSIONS

The review of Arroyo Grande's water system indicates that the water system is designed, constructed, operated, and managed well. The sources, storage tanks, booster stations, and distribution system meet state requirements. A review of the routine water quality monitoring results indicates that Well 5 can be considered aggressive to asbestos-cement pipes, Well 7 exceeds the secondary MCLs for iron, manganese, and color, Well 9 exceeds the secondary MCLs for manganese and odor, and that the pending Well 11 exceeds the primary MCL for arsenic, as well as the secondary MCLs for iron, manganese, and turbidity. Wells 1, 3, 4, 8, and 10 meet all applicable maximum contaminant levels. Deficiencies identified include not testing the Well 7 and the blended water for iron, manganese, and color when Well 7 is operated, potentially not having an insect screen installed on the vent of Reservoir 1, not consistently meeting the manganese MCL in the filtered water at Well 9, and not maintaining an up to date copy of an Emergency Notification Plan on file. Arroyo Grande shall obtain a domestic water supply permit before operating Well 11. It is also recommended that Arroyo Grande continue to optimize operation of its distribution system to reduce nitrification, and that it use the U.S. EPA's Climate Resilience Evaluation and Awareness Tool to identify potential vulnerabilities to climate change impacts.

Enclosure 2

Sanitary Survey Response Form

To: State Water Resources Control Board
Division of Drinking Water
1180 Eugenia Place, Suite 200
Carpinteria, CA 93013-2000

From: City of Arroyo Grande
300 East Branch Street
Arroyo Grande, CA 93420

Arroyo Grande's response to and plan to correct the identified items:

1. Arroyo Grande has provided blending treatment to mitigate the nitrate levels from Well 4 and Well 5. The water is blended with water from Wells 1, 3, 7, and 8. Wells 4 and 5 have not exceeded the nitrate MCL since 2004 and 2010, respectively. Arroyo Grande may reduce nitrate monitoring to annually for each well. Arroyo Grande may also discontinue nitrate monitoring of the blended water. Well 7 however does exceed secondary MCLs for color, iron, and manganese. Arroyo Grande shall monitor the well at least quarterly for any parameters that exceed the MCL, based on a running annual average. Arroyo Grande shall complete monthly monitoring of the blended water for any parameters that exceed the MCL in any of the blended wells.

Response:

2. During the water system inspection on August 29, an insect screen could not be seen on the vent of Reservoir 1. Arroyo Grande shall ensure that the vent of Reservoir 1 is equipped with an insect screen.

Response:

3. Manganese from the Well 9 filtration plant is tested by a lab at least monthly. Levels of manganese in the filtered water are usually below the MCL, but during 5 of the most recent 12 months of operation they have exceeded the MCL of 50 µg/L. Arroyo Grande shall ensure that it is adequately backwashing and maintaining the filters, as necessary to keep effluent manganese levels below the MCL.

Response:

4. During July of 2017, a nitrification sample from Reservoir 5 tested 0.98 mg/L of nitrite. The sample had a total chlorine residual of 0.18 mg/L. It is recommended that Arroyo Grande continue to optimize operation of its distribution system to reduce nitrification, including actions such as optimizing its chlorination process, reducing water age, replacing aging pipes, and flushing and/or temporarily converting distribution residuals from chloramines to free chlorine.

Response:

5. DDW has an Emergency Notification Plan on file for Arroyo Grande dated 2011, although it includes old contact information and shall be updated. A blank Emergency Notification Plan template is attached in Enclosure 4.

Response:

6. Climate change is affecting and will affect different regions in different ways. Examples of water related impacts that could affect Arroyo Grande include changes in water supply reliability, harmful algal blooms due to a combination of warm waters, reduced ability of warm water to hold dissolved oxygen, and nutrient pollution, potential sewer overflows due to more intense precipitation and increased storm water runoff, and increasing areas subject to saltwater intrusion into groundwater. Arroyo Grande is encouraged to use the U.S. EPA's Climate Resilience Evaluation and Awareness Tool to identify vulnerabilities to climate change impacts. The tool can be found at the following internet URL:

https://www.epa.gov/crwu/build-resilience-your-utility

Response:

Response Completed by:

Signature:

Name:

Title:

Date:

Enclosure 3

Last Sample Date and Monitoring Schedule

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 001 NAME: WELL 01 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 001		**ARROYO GRANDE, WATER DEPARTMENT**			**001**	**WELL 01**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		200.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00916	CALCIUM		73.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		00940	CHLORIDE		47.0000	MG/L	500	--------	2015/05/19	10	36		2018/05	
		00081	COLOR	<	.0000	UNITS	15	--------	2015/05/19	9	36		2018/05	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	10	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		320.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		01045	IRON	<	.0000	UG/L	300	100	2015/05/19	10	36		2018/05	
		00927	MAGNESIUM		33.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01055	MANGANESE	<	.0000	UG/L	50	20	2015/05/19	10	36		2018/05	
		00086	ODOR THRESHOLD @ 60 C		1.0000	TON	3	1	2015/05/19	9	36		2018/05	
		00403	PH, LABORATORY		7.2000		--------	--------	2015/05/19	12	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	9	36		2018/05	
		00929	SODIUM		43.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		780.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		150.0000	MG/L	500	.5	2015/05/19	10	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		520.0000	MG/L	1000	--------	2015/05/19	10	36		2018/05	
		82079	TURBIDITY, LABORATORY		.1000	NTU	5	.1	2015/05/19	9	36		2018/05	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	10	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	9	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 01 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 001	**IO**	**INORGANIC**												
		81855	ASBESTOS	<	.0000	MFL	7	.2	2004/07/06	1	324	M	2031/07	
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	9	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	9	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	9	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.2400	MG/L	2	.1	2015/05/19	11	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	9	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	6	36		2018/05	
		01147	SELENIUM	<	.0000	UG/L	50	5	2015/05/19	9	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)		7.2	mg/L	10	.4	2017/01/17	46	12		2018/01	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA	<	.0000	PCI/L	15	3	2012/05/17	17	108	M	2021/05	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	11	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	11	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 01 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 001	**S1**	34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	11	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	10	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	11	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	11	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	11	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	11	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	11	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	11	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	11	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	8	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	8	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 002 NAME: WELL 03 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 002		**ARROYO GRANDE, WATER DEPARTMENT**			**002**	**WELL 03**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		240.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00916	CALCIUM		87.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		00940	CHLORIDE		47.0000	MG/L	500	--------	2015/05/19	10	36		2018/05	
		00081	COLOR	<	.0000	UNITS	15	--------	2015/05/19	9	36		2018/05	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	10	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		380.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		01045	IRON	<	.0000	UG/L	300	100	2015/05/19	10	36		2018/05	
		00927	MAGNESIUM		39.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01055	MANGANESE	<	.0000	UG/L	50	20	2015/05/19	10	36		2018/05	
		00086	ODOR THRESHOLD @ 60 C		1.0000	TON	3	1	2015/05/19	9	36		2018/05	
		00403	PH, LABORATORY		7.4000		--------	--------	2015/05/19	12	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	9	36		2018/05	
		00929	SODIUM		46.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		890.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		170.0000	MG/L	500	.5	2015/05/19	10	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		570.0000	MG/L	1000	--------	2015/05/19	10	36		2018/05	
		82079	TURBIDITY, LABORATORY	<	.0000	NTU	5	.1	2015/05/19	9	36		2018/05	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	10	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	9	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 03 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 002	**IO**	**INORGANIC**												
		81855	ASBESTOS	<	.0000	MFL	7	.2	2013/07/02	1	324	M	2040/07	
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	9	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	9	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	9	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.2300	MG/L	2	.1	2015/05/19	11	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	9	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	6	36		2018/05	
		01147	SELENIUM		5.7000	UG/L	50	5	2015/05/19	9	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)		8.2	mg/L	10	.4	2017/01/17	112	12		2018/01	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA	<	.0000	PCI/L	15	3	2012/05/17	17	108	M	2021/05	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	11	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	11	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 03 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 002	**S1**	34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	11	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	10	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	11	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	11	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	11	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	11	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	11	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	11	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	11	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	8	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	8	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 003 NAME: WELL 04 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 003		**ARROYO GRANDE, WATER DEPARTMENT**			**003**	**WELL 04**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		220.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00916	CALCIUM		83.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		00940	CHLORIDE		47.0000	MG/L	500	--------	2015/05/19	10	36		2018/05	
		00081	COLOR		3	UNITS	15	--------	2016/11/08	11	36		2019/11	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	10	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		360.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		01045	IRON		200.0000	UG/L	300	100	2015/05/19	10	36		2018/05	
		00927	MAGNESIUM		36.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01055	MANGANESE	<	.0000	UG/L	50	20	2015/05/19	10	36		2018/05	
		00086	ODOR THRESHOLD @ 60 C		1	TON	3	1	2016/11/08	11	36		2019/11	
		00403	PH, LABORATORY		7.3000		--------	--------	2015/05/19	11	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	9	36		2018/05	
		00929	SODIUM		43.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		850.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		160.0000	MG/L	500	.5	2015/05/19	10	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		550.0000	MG/L	1000	--------	2015/05/19	10	36		2018/05	
		82079	TURBIDITY, LABORATORY		0.88	NTU	5	.1	2016/11/08	11	36		2019/11	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	10	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	9	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 04 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 003	**IO**	**INORGANIC**												
		81855	ASBESTOS			MFL	7	.2		0	324	M	2017/09	DUE NOW
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	9	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	9	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	9	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.2400	MG/L	2	.1	2015/05/19	11	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	9	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	6	36		2018/05	
		01147	SELENIUM		8.1000	UG/L	50	5	2015/05/19	9	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)		7.1	mg/L	10	.4	2017/08/08	292	12		2018/08	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA	<	.0000	PCI/L	15	3	2012/05/17	17	108	M	2021/05	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	10	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	10	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	10	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	10	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 04 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 003	**S1**	34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	10	36		2018/05	
		34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	10	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	10	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	10	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	10	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	10	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	10	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	10	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	10	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	10	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	10	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	10	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	10	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	10	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	10	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	10	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	8	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	8	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 004 NAME: WELL 05 SERVICE YARD CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 004		**ARROYO GRANDE, WATER DEPARTMENT**			**004**	**WELL 05 SERVICE YARD**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		130.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00916	CALCIUM		53.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		00940	CHLORIDE		42.0000	MG/L	500	--------	2015/05/19	10	36		2018/05	
		00081	COLOR	<	.0000	UNITS	15	--------	2015/05/19	9	36		2018/05	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	10	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		230.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		01045	IRON	<	.0000	UG/L	300	100	2015/05/19	10	36		2018/05	
		00927	MAGNESIUM		24.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01055	MANGANESE	<	.0000	UG/L	50	20	2015/05/19	10	36		2018/05	
		00086	ODOR THRESHOLD @ 60 C		1.0000	TON	3	1	2015/05/19	9	36		2018/05	
		00403	PH, LABORATORY		7.1000		--------	--------	2015/05/19	11	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	9	36		2018/05	
		00929	SODIUM		42.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		610.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		110.0000	MG/L	500	.5	2015/05/19	10	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		380.0000	MG/L	1000	--------	2015/05/19	10	36		2018/05	
		82079	TURBIDITY, LABORATORY	<	.0000	NTU	5	.1	2015/05/19	9	36		2018/05	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	10	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	9	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 05 SERVICE YARD CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 004	**IO**	**INORGANIC**												
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	9	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	9	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	9	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.2100	MG/L	2	.1	2015/05/19	11	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	9	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	7	36		2018/05	
		01147	SELENIUM	<	.0000	UG/L	50	5	2015/05/19	9	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)		7.7	mg/L	10	.4	2017/08/15	342	12		2018/08	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA		4.4000	PCI/L	15	3	2013/04/09	15	72	M	2019/04	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	11	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	11	36		2018/05	
		34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 05 SERVICE YARD CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 004	**S1**	34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	11	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	14	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	11	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	11	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	11	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	11	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	11	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	11	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	11	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	8	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	8	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 006 NAME: WELL 07 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 006		**ARROYO GRANDE, WATER DEPARTMENT**			**006**	**WELL 07**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		460.0000	MG/L	--------	--------	2015/05/19	11	36		2018/05	
		00916	CALCIUM		110.0000	MG/L	--------	--------	2015/05/19	11	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		00940	CHLORIDE		25.0000	MG/L	500	--------	2015/05/19	11	36		2018/05	
		00081	COLOR		25.0000	UNITS	15	--------	2015/06/16	11	3	M	2015/09	DUE NOW
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	11	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	11	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		500.0000	MG/L	--------	--------	2015/05/19	11	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	9	36		2018/05	
		01045	IRON		1300.0000	UG/L	300	100	2015/05/19	102	3	M	2015/08	DUE NOW
		00927	MAGNESIUM		54.0000	MG/L	--------	--------	2015/05/19	11	36		2018/05	
		01055	MANGANESE		58.0000	UG/L	50	20	2015/05/19	114	3	M	2015/08	DUE NOW
		00086	ODOR THRESHOLD @ 60 C		3.0000	TON	3	1	2015/06/16	11	36		2018/06	
		00403	PH, LABORATORY		7.6800		--------	--------	2015/06/16	14	36		2018/06	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	9	36		2018/05	
		00929	SODIUM		40.0000	MG/L	--------	--------	2015/05/19	11	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		980.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		140.0000	MG/L	500	.5	2015/05/19	11	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		610.0000	MG/L	1000	--------	2015/05/19	11	36		2018/05	
		82079	TURBIDITY, LABORATORY		3.3000	NTU	5	.1	2015/06/16	11	36		2018/06	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	11	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	9	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC		2.5000	UG/L	10	2	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 07 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 006	**IO**	**INORGANIC**												
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	9	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	9	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	9	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.2100	MG/L	2	.1	2015/05/19	12	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	9	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	6	36		2018/05	
		01147	SELENIUM	<	.0000	UG/L	50	5	2015/05/19	9	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)	<	ND	mg/L	10	.4	2017/01/17	28	12		2018/01	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA		6.4000	PCI/L	15	3	2012/05/17	18	72	M	2018/05	
		28012	URANIUM (PCI/L)		6.4000	PCI/L	20	1	2012/07/17	4	72	M	2018/07	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	11	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	11	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 07 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 006	**S1**	34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	11	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	11	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	11	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	10	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	11	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	11	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	11	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	11	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	11	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	11	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	11	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	11	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	11	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	8	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	8	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 007 NAME: WELL 08 (1990) CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 007		**ARROYO GRANDE, WATER DEPARTMENT**			**007**	**WELL 08 (1990)**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		290.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00916	CALCIUM		99.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00940	CHLORIDE		43.0000	MG/L	500	--------	2015/05/19	10	36		2018/05	
		00081	COLOR	<	.0000	UNITS	15	--------	2015/05/19	9	36		2018/05	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	10	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		420.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01045	IRON	<	.0000	UG/L	300	100	2015/05/19	10	36		2018/05	
		00927	MAGNESIUM		43.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01055	MANGANESE	<	.0000	UG/L	50	20	2015/05/19	10	36		2018/05	
		00086	ODOR THRESHOLD @ 60 C		1.0000	TON	3	1	2015/05/19	9	36		2018/05	
		00403	PH, LABORATORY		7.3000		--------	--------	2015/05/19	12	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	9	36		2018/05	
		00929	SODIUM		41.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		920.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		170.0000	MG/L	500	.5	2015/05/19	10	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		600.0000	MG/L	1000	--------	2015/05/19	10	36		2018/05	
		82079	TURBIDITY, LABORATORY	<	.0000	NTU	5	.1	2015/05/19	9	36		2018/05	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	10	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	9	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 08 (1990) CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 007	**IO**	**INORGANIC**												
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	9	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	9	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	9	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.2400	MG/L	2	.1	2015/05/19	11	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	9	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	6	36		2018/05	
		01147	SELENIUM	<	.0000	UG/L	50	5	2015/05/19	9	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)		2.4	mg/L	10	.4	2017/01/17	68	12		2018/01	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA		4.8000	PCI/L	15	3	2012/05/17	17	72	M	2018/05	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	9	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	9	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	9	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	9	36		2018/05	
		34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 08 (1990) CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 007	**S1**	34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	9	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	9	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	9	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	10	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	9	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	9	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	9	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	9	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	9	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	9	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	9	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	7	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	7	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 008 NAME: WELL 09 (1990) CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 008		**ARROYO GRANDE, WATER DEPARTMENT**			**008**	**WELL 09 (1990)**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		200.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00916	CALCIUM		37.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00940	CHLORIDE		77.0000	MG/L	500	--------	2015/05/19	10	36		2018/05	
		00081	COLOR	<	.0000	UNITS	15	--------	2015/05/19	8	36		2018/05	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	10	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		150.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01045	IRON		110	UG/L	300	100	2017/06/27	195	36		2020/06	
		00927	MAGNESIUM		15.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		01055	MANGANESE		93	UG/L	50	20	2017/07/18	373	36		2020/07	
		00086	ODOR THRESHOLD @ 60 C		4.0000	TON	3	1	2015/05/19	8	36		2018/05	
		00403	PH, LABORATORY		7.7000		--------	--------	2015/05/19	12	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	10	36		2018/05	
		00929	SODIUM		71.0000	MG/L	--------	--------	2015/05/19	10	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		620.0000	US	1600	--------	2015/05/19	10	36		2018/05	
		00945	SULFATE		27.0000	MG/L	500	.5	2015/05/19	10	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		370.0000	MG/L	1000	--------	2015/05/19	10	36		2018/05	
		82079	TURBIDITY, LABORATORY	<	.0000	NTU	5	.1	2015/05/19	8	36		2018/05	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	10	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	10	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	8	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	10	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 09 (1990) CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 008	**IO**	**INORGANIC**												
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	10	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	8	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	10	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	10	36		2018/05	
		01291	CYANIDE	<	.0000	UG/L	150	100	2015/05/19	8	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.1300	MG/L	2	.1	2015/05/19	10	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	10	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	8	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	6	36		2018/05	
		01147	SELENIUM	<	.0000	UG/L	50	5	2015/05/19	10	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	8	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)	<	ND	mg/L	10	.4	2017/01/17	25	12		2018/01	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	10	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA	<	.0000	PCI/L	15	3	2012/05/17	17	72	M	2018/05	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	9	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	9	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	9	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	9	36		2018/05	
		34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 09 (1990) CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 008	**S1**	34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	9	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	9	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	9	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	10	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	9	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	9	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	9	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	9	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	9	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	9	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	9	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	9	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	9	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2012/05/17	7	108		2021/05	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2012/05/17	7	108		2021/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 010 NAME: NITRATE BLEND CLASS: DEAD STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 010		**ARROYO GRANDE, WATER DEPARTMENT**			**010**	**NITRATE BLEND**								
	GP	**SECONDARY/GP**												
		00081	COLOR			UNITS	15	--------		0	1	M	2017/09	DUE NOW
		01045	IRON		390.0000	UG/L	300	100	2013/05/07	25	1	M	2013/06	DUE NOW
		01055	MANGANESE		22.0000	UG/L	50	20	2013/05/07	34	1	M	2013/06	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 011 NAME: WELL 09 (FE & MN TREATMENT) CLASS: DEAD STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 011		**ARROYO GRANDE, WATER DEPARTMENT**			**011**	**WELL 09 (FE & MN TREATMENT)**								
	GP	**SECONDARY/GP**												
		01055	MANGANESE		37	UG/L	50	20	2017/07/18	303	1	M	2017/08	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 013 NAME: WELL 10 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 013		**ARROYO GRANDE, WATER DEPARTMENT**			**013**	**WELL 10**								
	GP	**SECONDARY/GP**												
		00440	BICARBONATE ALKALINITY		200.0000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		00916	CALCIUM		3.9000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		00445	CARBONATE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		00940	CHLORIDE		50.0000	MG/L	500	--------	2015/05/19	3	36		2018/05	
		00081	COLOR	<	.0000	UNITS	15	--------	2015/05/19	4	36		2018/05	
		01042	COPPER	<	.0000	UG/L	1000	50	2015/05/19	3	36		2018/05	
		38260	FOAMING AGENTS (MBAS)	<	.0000	MG/L	.5	--------	2015/05/19	3	36		2018/05	
		00900	HARDNESS (TOTAL) AS CACO3		9.8000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		71830	HYDROXIDE ALKALINITY	<	.0000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		01045	IRON	<	.0000	UG/L	300	100	2015/05/19	8	36		2018/05	
		00927	MAGNESIUM	<	.0000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		01055	MANGANESE	<	.0000	UG/L	50	20	2015/05/19	9	36		2018/05	
		00086	ODOR THRESHOLD @ 60 C		1.0000	TON	3	1	2015/05/19	4	36		2018/05	
		00403	PH, LABORATORY		8.5000		--------	--------	2015/05/19	3	36		2018/05	
		01077	SILVER	<	.0000	UG/L	100	10	2015/05/19	3	36		2018/05	
		00929	SODIUM		120.0000	MG/L	--------	--------	2015/05/19	3	36		2018/05	
		00095	SPECIFIC CONDUCTANCE		520.0000	US	1600	--------	2015/05/19	3	36		2018/05	
		00945	SULFATE		17.0000	MG/L	500	.5	2015/05/19	3	36		2018/05	
		70300	TOTAL DISSOLVED SOLIDS		310.0000	MG/L	1000	--------	2015/05/19	3	36		2018/05	
		82079	TURBIDITY, LABORATORY		.2500	NTU	5	.1	2015/05/19	4	36		2018/05	
		01092	ZINC	<	.0000	UG/L	5000	50	2015/05/19	3	36		2018/05	
	IO	**INORGANIC**												
		01105	ALUMINUM	<	.0000	UG/L	1000	50	2015/05/19	3	36		2018/05	
		01097	ANTIMONY	<	.0000	UG/L	6	6	2015/05/19	3	36		2018/05	
		01002	ARSENIC	<	.0000	UG/L	10	2	2015/05/19	3	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 10 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 013	**IO**	**INORGANIC**												
		01007	BARIUM	<	.0000	UG/L	1000	100	2015/05/19	3	36		2018/05	
		01012	BERYLLIUM	<	.0000	UG/L	4	1	2015/05/19	3	36		2018/05	
		01027	CADMIUM	<	.0000	UG/L	5	1	2015/05/19	3	36		2018/05	
		01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50	10	2015/05/19	3	36		2018/05	
		01291	CYANIDE	<	100.0000	UG/L	150	100	2015/05/19	3	36	M	2018/05	
		00951	FLUORIDE (F) (NATURAL-SOURCE)		.1500	MG/L	2	.1	2015/05/19	4	36		2018/05	
		71900	MERCURY	<	.0000	UG/L	2	1	2015/05/19	3	36		2018/05	
		01067	NICKEL	<	.0000	UG/L	100	10	2015/05/19	3	36		2018/05	
		A-031	PERCHLORATE	<	.0000	UG/L	6	4	2015/05/19	5	36		2018/05	
		01147	SELENIUM	<	.0000	UG/L	50	5	2015/05/19	3	36		2018/05	
		01059	THALLIUM	<	.0000	UG/L	2	1	2015/05/19	3	36		2018/05	
	NI	**NITRATE/NITRITE**												
		00618	NITRATE (AS N)	<	ND	mg/L	10	.4	2017/01/17	7	12		2018/01	
		00620	NITRITE (AS N)	<	.0000	UG/L	1000	400	2015/05/19	3	36		2018/05	
	RA	**RADIOLOGICAL**												
		01501	GROSS ALPHA	<	ND	PCI/L	15	3	2017/03/28	5	108	M	2026/03	
	S1	**REGULATED VOC**												
		34506	1,1,1-TRICHLOROETHANE	<	.0000	UG/L	200	.5	2015/05/19	3	36		2018/05	
		34516	1,1,2,2-TETRACHLOROETHANE	<	.0000	UG/L	1	.5	2015/05/19	3	36		2018/05	
		34511	1,1,2-TRICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34496	1,1-DICHLOROETHANE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34501	1,1-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	3	36		2018/05	
		34551	1,2,4-TRICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34536	1,2-DICHLOROBENZENE	<	.0000	UG/L	600	.5	2015/05/19	3	36		2018/05	
		34531	1,2-DICHLOROETHANE	<	.0000	UG/L	.5	.5	2015/05/19	3	36		2018/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: NAME: WELL 10 CLASS: LARG STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 013	**S1**	34541	1,2-DICHLOROPROPANE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.0000	UG/L	.5	.5	2015/05/19	3	36		2018/05	
		34571	1,4-DICHLOROBENZENE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34030	BENZENE	<	.0000	UG/L	1	.5	2015/05/19	3	36		2018/05	
		32102	CARBON TETRACHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	3	36		2018/05	
		77093	CIS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	6	.5	2015/05/19	3	36		2018/05	
		34423	DICHLOROMETHANE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34371	ETHYLBENZENE	<	.0000	UG/L	300	.5	2015/05/19	3	36		2018/05	
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.0000	UG/L	13	3	2015/05/19	3	36		2018/05	
		34301	MONOCHLOROBENZENE	<	.0000	UG/L	70	.5	2015/05/19	3	36		2018/05	
		77128	STYRENE	<	.0000	UG/L	100	.5	2015/05/19	3	36		2018/05	
		34475	TETRACHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34010	TOLUENE	<	.0000	UG/L	150	.5	2015/05/19	3	36		2018/05	
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.0000	UG/L	10	.5	2015/05/19	3	36		2018/05	
		39180	TRICHLOROETHYLENE	<	.0000	UG/L	5	.5	2015/05/19	3	36		2018/05	
		34488	TRICHLOROFLUOROMETHANE	<	.0000	UG/L	150	5	2015/05/19	3	36		2018/05	
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.0000	UG/L	1200	10	2015/05/19	3	36		2018/05	
		39175	VINYL CHLORIDE	<	.0000	UG/L	.5	.5	2015/05/19	3	36		2018/05	
		81551	XYLENES (TOTAL)	<	.0000	UG/L	1750	0.5	2015/05/19	3	36		2018/05	
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2014/03/18	2	108		2023/03	
		39055	SIMAZINE	<	.0000	UG/L	4	1	2014/03/18	2	108		2023/03	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 015 NAME: STG2-#8 501 VIA LA BARRANCA CLASS: DBPQ STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 015		**ARROYO GRANDE, WATER DEPARTMENT**			**015**	**STG2-#8 501 VIA LA BARRANCA**								
	DBP	**DISINFECTION BYPRODUCTS**												
		32101	BROMODICHLOROMETHANE (THM)		9.7	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32104	BROMOFORM (THM)	<	ND	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32106	CHLOROFORM (THM)		12.9	UG/L	--------	1	2017/08/10	25	3		2017/11	
		82721	DIBROMOACETIC ACID (DBAA)		1.3	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32105	DIBROMOCHLOROMETHANE (THM)		7.0	UG/L	--------	1	2017/08/10	25	3		2017/11	
		77288	DICHLOROACETIC ACID (DCAA)		6.5	UG/L	--------	1	2017/08/10	25	3		2017/11	
		A-049	HALOACETIC ACIDS (5) (HAA5)		9.4	UG/L	60	--------	2017/08/10	25	3		2017/11	
		A-041	MONOBROMOACETIC ACID (MBAA)	<	ND	UG/L	--------	1	2017/08/10	25	3		2017/11	
		A-042	MONOCHLOROACETIC ACID (MCAA)	<	ND	UG/L	--------	2	2017/08/10	25	3		2017/11	
		82080	TOTAL TRIHALOMETHANES		29.6	UG/L	80	--------	2017/08/10	25	3		2017/11	
		82723	TRICHLOROACETIC ACID (TCAA)		1.6	UG/L	--------	1	2017/08/10	25	3		2017/11	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 016 NAME: STG2-#2 1147 FLORA ROAD CLASS: DBPQ STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 016		**ARROYO GRANDE, WATER DEPARTMENT**			**016**	**STG2-#2 1147 FLORA ROAD**								
	DBP	**DISINFECTION BYPRODUCTS**												
		32101	BROMODICHLOROMETHANE (THM)		10.2	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32104	BROMOFORM (THM)	<	ND	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32106	CHLOROFORM (THM)		13.8	UG/L	--------	1	2017/08/10	25	3		2017/11	
		82721	DIBROMOACETIC ACID (DBAA)		1.3	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32105	DIBROMOCHLOROMETHANE (THM)		6.1	UG/L	--------	1	2017/08/10	25	3		2017/11	
		77288	DICHLOROACETIC ACID (DCAA)		7.7	UG/L	--------	1	2017/08/10	25	3		2017/11	
		A-049	HALOACETIC ACIDS (5) (HAA5)		10.9	UG/L	60	--------	2017/08/10	25	3		2017/11	
		A-041	MONOBROMOACETIC ACID (MBAA)	<	ND	UG/L	--------	1	2017/08/10	25	3		2017/11	
		A-042	MONOCHLOROACETIC ACID (MCAA)	<	ND	UG/L	--------	2	2017/08/10	25	3		2017/11	
		82080	TOTAL TRIHALOMETHANES		30.1	UG/L	80	--------	2017/08/10	25	3		2017/11	
		82723	TRICHLOROACETIC ACID (TCAA)		1.9	UG/L	--------	1	2017/08/10	25	3		2017/11	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 017 NAME: STG2-#15 441 STAGECOACH CLASS: DBPQ STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 017		**ARROYO GRANDE, WATER DEPARTMENT**			**017**	**STG2-#15 441 STAGECOACH**								
	DBP	**DISINFECTION BYPRODUCTS**												
		32101	BROMODICHLOROMETHANE (THM)		20.6	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32104	BROMOFORM (THM)		1.0	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32106	CHLOROFORM (THM)		45.6	UG/L	--------	1	2017/08/10	25	3		2017/11	
		82721	DIBROMOACETIC ACID (DBAA)		2.6	UG/L	--------	1	2017/08/10	25	3		2017/11	
		32105	DIBROMOCHLOROMETHANE (THM)		8.8	UG/L	--------	1	2017/08/10	25	3		2017/11	
		77288	DICHLOROACETIC ACID (DCAA)		18.1	UG/L	--------	1	2017/08/10	25	3		2017/11	
		A-049	HALOACETIC ACIDS (5) (HAA5)		31.8	UG/L	60	--------	2017/08/10	25	3		2017/11	
		A-041	MONOBROMOACETIC ACID (MBAA)	<	ND	UG/L	--------	1	2017/08/10	25	3		2017/11	
		A-042	MONOCHLOROACETIC ACID (MCAA)		3.2	UG/L	--------	2	2017/08/10	25	3		2017/11	
		82080	TOTAL TRIHALOMETHANES		76.0	UG/L	80	--------	2017/08/10	25	3		2017/11	
		82723	TRICHLOROACETIC ACID (TCAA)		7.9	UG/L	--------	1	2017/08/10	25	3		2017/11	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4010001 NAME: ARROYO GRANDE, WATER DEPARTMENT COUNTY: SAN LUIS OBISPO

SOURCE NO: 018 NAME: STG2-#5 630 SOUTH VIA FIRENZE CLASS: DBPQ STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
4010001 - 018		**ARROYO GRANDE, WATER DEPARTMENT**			**018**	**STG2-#5 630 SOUTH VIA FIRENZE**								
	DBP	**DISINFECTION BYPRODUCTS**												
		32101	BROMODICHLOROMETHANE (THM)		11.7	UG/L	--------	1	2017/08/10	26	3		2017/11	
		32104	BROMOFORM (THM)		1.0	UG/L	--------	1	2017/08/10	26	3		2017/11	
		32106	CHLOROFORM (THM)		16.5	UG/L	--------	1	2017/08/10	26	3		2017/11	
		82721	DIBROMOACETIC ACID (DBAA)		1.2	UG/L	--------	1	2017/08/10	26	3		2017/11	
		32105	DIBROMOCHLOROMETHANE (THM)		6.6	UG/L	--------	1	2017/08/10	26	3		2017/11	
		77288	DICHLOROACETIC ACID (DCAA)		7.3	UG/L	--------	1	2017/08/10	26	3		2017/11	
		A-049	HALOACETIC ACIDS (5) (HAA5)		10.5	UG/L	60	--------	2017/08/10	26	3		2017/11	
		A-041	MONOBROMOACETIC ACID (MBAA)	<	ND	UG/L	--------	1	2017/08/10	26	3		2017/11	
		A-042	MONOCHLOROACETIC ACID (MCAA)	<	ND	UG/L	--------	2	2017/08/10	26	3		2017/11	
		82080	TOTAL TRIHALOMETHANES		35.8	UG/L	80	--------	2017/08/10	26	3		2017/11	
		82723	TRICHLOROACETIC ACID (TCAA)		2.0	UG/L	--------	1	2017/08/10	26	3		2017/11	

Enclosure 4

Emergency Notification Plan Template

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility: _____

Physical Location/Address: _____

The following persons have been designated to implement the plan upon notification by the State Water Resources Control Board Division of Drinking Water that an imminent danger to the health of the water users exists:

Water Utility: Contact Name & Title	Email Address	Telephone Day	Evening	Cell
1.				
2.				
3.				

The implementation of the plan will be carried out with the following SWRCB DDW and County Health Department personnel:

SWRCB & County Health Departments: Contact Name & Title	Telephone Day	Evening
1. **Jeff Densmore, Santa Barbara District Engineer SWRCB DDW**	**(805) 566-1326**	**(805) 570-7830**
2. **Elizabeth Pozzebon, Director San Luis Obispo County Environmental Health Division**	**(805) 781-5550**	**(805) 782-2281**
3.		

4. If the above personnel cannot be reached, contact:

Office of Emergency Services Warning Center (24 hrs) (800) 852-7550 or (916) 845-8911
When reporting a water quality emergency to the Warning Center, please ask for the State Water Resources Control Board – Division of Drinking Water Duty Officer.

NOTIFICATION PLAN

Attach a written description of the method or combination of methods to be used (radio, television, door-to-door, sound truck, etc.) **to notify customers in an emergency.** For each section of your plan give an estimate of the time required, necessary personnel, estimated coverage, etc. Consideration must be given to special organizations (such as schools), non-English speaking groups, and outlying water users. Ensure that the notification procedures you describe are practical and that you will be able to actually implement them in the event of an emergency. Examples of notification plans are attached for large, medium and small communities.

Report prepared by:

_____ _____

Signature and Title Date

PLAN I (Medium Community)

During regular working hours our people will contact the news media at television station KXYZ to broadcast the necessary warning. The local radio stations will also be contacted. The television and radio personnel are available at all hours. As a follow-up measure, we will also contact the Daily Bee, a local newspaper that serves both Ourtown and Hometown.

The warnings will be issued in both English and Spanish to cover all members of the community. Outlying areas of the water service area (such as Isolated Canyon and Lonesome Mountain subdivisions) will also be notified by sound truck and/or handbill distributed to their respective areas. Both of these areas are very small and this can be done quite quickly.

A special telephone answering service can also be quickly set up at the utility headquarters (using the regular company numbers) to answer questions that will come in from consumers. Questions are anticipated, especially from the Hometown area, because that area is served by three different water companies. A map will be available to the telephone answering personnel to determine the water company serving the caller.

It is anticipated that the time for notification to the television and radio audiences will be very short. The areas served by handbill and sound truck will also be notified within an hour. For notification to be issued in other than normal hours, the same media will be contacted and an announcement will be scheduled for as long as is necessary. A sound truck(s) will be used in the early morning hours to quickly alert the people not listening to their radio or television.

PLAN II (Small Community)

Our community is very small and the most efficient means of notification will be both sound truck and handbill. It is estimated that the entire service area can be covered in less than three hours.

PLAN III (Large Community)

The same plan as implemented in Plan I should be used here with the exceptions noted. All the news media will be contacted in the entire metropolitan area. This includes all television and radio stations and all local and general area newspapers. Maps have been prepared to be distributed to the media to locate the boundaries of the water company. This system is large enough that it may only be necessary to notify some of the water users. This information will be transmitted to the media and an answering service at the water company will respond to consumers' calls. Unless the problems are limited to isolated areas it is unreasonable to assume that contact can be made through sound truck or handbill.