

State Water Resources Control Board

Division of Drinking Water

August 5, 2016

Attn: Charles Grace, General Manager
San Simeon Community Services District
111 Pico Avenue
San Simeon, CA 93452

System Number 4000568 – 2016 Sanitary Survey

Dear Mr. Grace:

Thank you for your cooperation during the San Simeon Community Services District (hereinafter San Simeon) water system inspection on May 5, 2016. 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, a couple items were identified that require attention by San Simeon 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.

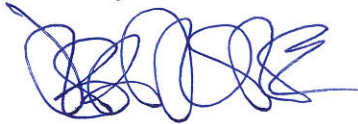
San Simeon Community Services District Sanitary Survey Follow Up Items:

1. Well 3 has been utilized by San Simeon as a temporary source of water when Wells 1 and 2 were experiencing high levels of chloride. Now that San Simeon is able to treat the water from Wells 1 and 2 and because Well 3 does not meet applicable well standards, San Simeon shall only bring Well 3 online in cases of emergency. Use of the well shall be limited to five consecutive days or less, and less than 15 days per year. San Simeon shall notify DDW within three days after a short-term emergency use of the well with the reason and duration of use. A chlorine residual of greater than 1.0 mg/L shall be targeted at the well's entry point to the distribution system when in use.

2. During the May 5 inspection a panel of the wall of Reservoir 1 was loose and created an unprotected opening to the reservoir. The loose panel shall be secured to prevent the entry of birds, insects, rodents, or other animals.
3. During the May 5 inspection, the water surface inside Reservoir 1 had a significant amount of floating debris. San Simeon shall report to DDW regarding the suspected or known composition of the floating debris and propose a solution for keeping it out of the tank if determined to be of concern.
4. The 2015 Consumer Confidence Report contained erroneous information for multiple chemicals. Results were missing from the report for chlorine, aluminum, and hexavalent chromium, all of which were detected above the DLR in the most recent sampling period. Erroneous results were included for lead, and results for sulfate were reported twice, with different numbers. In addition, incorrect MCLs and/or Public Health Goals (PHG) were included for specific conductance, fluoride, lead, copper, and nitrate. The 2016 Consumer Confidence Report shall be submitted to DDW for review before distribution during 2017.

If you have any questions regarding this letter, please contact Matthew Foster at (805) 566-6625 or matt.foster@waterboards.ca.gov.

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: Photos from the May 5th Inspection

cc: San Luis Obispo County Environmental Health Services

Enclosure 1

Sanitary Survey Report

**San Simeon
Community Services District**

**State Water Resources Control Board
Division of Drinking Water
Southern California Field Operations Branch**

**Sanitary Survey
Engineering Report**

**San Simeon Community Services District
4010568
San Luis Obispo County**

August 5, 2016

Prepared By



Matthew Foster, P.E.

Sanitary Engineer, Santa Barbara District

Confidential

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State Water Resources Control Board
Division of Drinking Water

August 5, 2016

**Sanitary Survey Report
For
San Simeon Community Services District
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 San Simeon water system consists of two active groundwater wells, one standby groundwater well, a reverse osmosis desalter, one storage tank, and a single pressure zone distribution system. San Simeon chlorinates its water supply with the use of sodium hypochlorite.

The San Simeon water system is publically owned and serves a permanent population of about 462 people through 206 service connections in the community of San Simeon. San Simeon's water system is classified as a community water system and operates under the authority of permit number 04-

06-13P-005, issued by DDW in 2013. Wells 1 and 2 produce approximately 360 gpm each, and Well 3 produces about 100 gpm. San Simeon chlorinates its groundwater supply as a precautionary health measure with the use of a 12.5% sodium hypochlorite solution. The distribution system pressure is typically 65 psi. With the use of reverse osmosis treatment, San Simeon's water supply complies with the drinking water standards.

1.3 SOURCES OF INFORMATION

All information included in this report was obtained from DDW files, San Simeon personnel, and a site visit on May 5, 2016.

1.4 WATER DEMAND DATA

Year	Maximum Daily Water Demand (Gallons)	Maximum Monthly Water Demand (Gallons)	Annual Water Demand (Gallons)
2011	176,902	3,134,422	26,350,996
2012	159,773	3,132,146	27,443,447
2013	161,792	3,198,897	27,959,961
2014	176,378	2,731,098	25,114,071
2015	167,851	2,820,558	29,239,139

Based on the previous ten years of available water use data, the maximum day demand is about 177,000 gpd or 123 gpm.

1.5 ENFORCEMENT HISTORY

Since the previous Sanitary Survey, no enforcement actions have been issued to San Simeon.

II. INVESTIGATION AND FINDINGS

2.1 ELEMENT 1: SOURCES

San Simeon's sources of water include three groundwater wells. The wells can collectively produce roughly 450 gpm or 650,000 gpd. The water is treated with sodium hypochlorite for disinfection purposes before it enters San Simeon's distribution system. A review of water quality sampling of the wells indicates that the water sometimes exceeds secondary drinking water standards for chloride, iron, specific conductance, and total dissolved solids during times of drought. A reverse osmosis desalter was constructed during 2016 to bring the water into compliance with the chloride, iron, conductance, and total dissolved solids standards at all times.

2.1.1 GROUNDWATER SUPPLIES

San Simeon utilizes and maintains three groundwater wells located near Pico Creek. They are not located in a regulated groundwater basin. Wells 1 and 2 are active, and Well 3 is standby. The wells are sometimes affected by salt water intrusion and produce high levels of chloride and iron. San Simeon has constructed a reverse osmosis desalter to mitigate the water quality issues related to salt water intrusion. Wells 3 experiences significantly less salt water intrusion, although it is much closer to Pico Creek and is considered to be under the influence of surface water when the creek is flowing. Well 3 is not utilized when Pico Creek is flowing.

Well 1 was constructed in 1952 and Well 2 in 1967. They both have capacities of about 225 gpm, and are equipped with concrete surface seals, casing vents, air release valves, non-threaded sample taps, check valves, flow meters, flush to waste valves, isolation valves, and chlorine injection ports. Well 2 has a 50-foot annular seal, but it is unknown if Well 1 has an annular seal. Both wells are enclosed in a locked barbed wire fence for security.

Well 3 is owned by The Hearst Corporation, and is operated under an agreement between The Hearst Corporation and San Simeon. The well is a standby well. Its construction features are unknown. It has a capacity of about 150 gpm, and is equipped with a chlorine injection port, sample tap, flow meter, check valve, and isolation valve. The well does not have a surface seal or adequate ventilation. It is located at the edge of a 1% annual flood hazard zone, and approximately 100 feet from Pico Creek. The well is located in a wooden enclosure for security. Well 3 shall not be operated when Pico Creek is flowing within 150 feet of the well. With DDW approval, the well has been utilized by San Simeon as a temporary source of water when Wells 1 and 2 were experiencing high levels of chloride. Now that San Simeon is able to treat the water from Wells 1 and 2 and because Well 3 does not meet California's well standards, **San Simeon shall only bring Well 3 online in case of emergency. Use of the well shall be limited to five consecutive days or less, and less than 15 days per year. San Simeon shall notify DDW within three days after a short-term emergency use of the well with the reason and duration of use. A chlorine residual of greater than 1.0 mg/L shall be targeted at the well's entry point to the distribution system when in use.**

Drinking water source assessments were completed for the wells in 2013 and determined them to be most vulnerable to the following: recreational areas, salt water intrusion, high density housing, parking lots, highways, and other water supply wells.

Table 2: Active Well Info							
Source Name & PS Code	Year Drilled	Well Depth (ft.)	Perforations (ft.)	Annular Seal Depth (ft.)	Pump Type	Water Levels (ft.)	Pump Capacity (gpm)
Well 1 4000568-001	1952	50	15-50	Unknown	Submersible	10.7 (5 ASL)	225
Well 2 4000568-002	1967	60	50-60	50	Submersible	10.7 (5 ASL)	225
Well 3 4000568-006	Unknown						150

2.1.2 ADEQUACY OF SUPPLY

San Simeon is required to have enough source capacity at all times to meet its maximum day demand, as determined from the past 10 years. San Simeon has a maximum day demand of about 123 gpm and a total source capacity of about 450 gpm, and therefore is considered to have an adequate water supply.

2.1.3 NON-POTABLE WATER

San Simeon maintains a recycled water system for irrigation purposes. Recycled water sites are required to be inspected annually, and dual plumbed recycled water sites are required to be tested for cross-connections at least every four years. The recycled water is provided with tertiary treatment at the San Simeon Wastewater Treatment Plant. San Simeon has the ability to treat about 30 gpm for recycling. The recycled water facilities are marked with purple pipes and purple signs. Recycled water is distributed through a hydrant at the wastewater treatment plant. Water is trucked to about 13 recycled water use sites throughout the community. Recycled water users are trained to avoid unsafe uses of the water.

2.2 ELEMENT 2: TREATMENT

2.2.1 GROUNDWATER TREATMENT

San Simeon’s groundwater wells are occasionally influenced by the intrusion of sea water. During periods of drought the chloride levels of the groundwater can exceed the upper secondary maximum contaminant level of 500 mg/L. A reverse osmosis desalter has been constructed near the wellfield to treat the water before it is distributed to customers. The desalter includes a cartridge prefilter and an antiscalant injection point. It includes 12 membrane modules pressurized by a variable frequency drive pump. The raw water will pass through six of the membranes initially, the reject water of which will be sent through a second set of four membranes. The reject water of the second four membranes will be sent to an additional two membranes to maximize water recovery. The remaining desalter reject is directed to a concentrate tank to be discharged to a sewer.

The desalter is operated automatically via a programmable logic controller (PLC). Chemicals used in the treatment process include an antiscalant injected upstream of the membranes as well as an acid and a caustic solution for use during a clean-in-place (CIP) process. The clean-in-place waste stream is sent to a CIP tank for collection. From the CIP tank, the waste solution is discharged to a sewer collection system. The chemicals used have been certified as meeting NSF International's Standard 60. San Simeon is required to maintain an operations plan for the desalter that describes operations, maintenance, and water quality monitoring.

The desalter will be operated seasonally, dependent on the chloride concentrations in the raw groundwater. The raw groundwater sometimes begins to exceed the recommended secondary maximum contaminant level (SMCL) of 250 mg/L during late fall or winter, and continues to the spring. When the chloride levels fall to below the SMCL, the desalter will be preserved using a sodium bisulfite solution. Treated water is blended with raw water to keep the water from becoming aggressive or corrosive and balance treatment costs.

Wells 1 and 2 are located approximately 250 feet from Pico Creek and Well 3 is located approximately 90 feet from the creek. All three wells are located at the edge of a 100-year floodplain. The desalter is not approved for the treatment of groundwater that is under the influence of surface water. The wells are not approved for use when surface water is within 150 feet of the wells.

Table 3: Active Chemical Treatment Facility Info

Sources Treated	Type	Configuration	Flow Rate (gpm)
Wells 1 and 2	Reverse Osmosis	6 → 4 → 2	267

2.2.2 DISINFECTION TREATMENT

Disinfection treatment is provided by the injection of a 12.5% sodium hypochlorite solution into the wells' discharge lines. When the desalter is in operation, the chlorine injection point will be downstream of the membranes to prevent damage to the membranes. An average chlorine residual of about 0.7 mg/L is maintained in the distribution system.

Table 4: Active Disinfection Treatment Facility Info

Sources Treated	Type	Residual (mg/L)
Well 1	NaClO	~ 0.7
Well 2	NaClO	~ 0.7
Well 3	NaClO	~ 0.7
Desalter	NaClO	~ 0.7

2.3 ELEMENT 3: DISTRIBUTION SYSTEM

2.3.1 DISTRIBUTION LINES

San Simeon's distribution system is made up of a single pressure zone. The distribution pipelines are made of asbestos-cement. They range from four inches to eight inches in diameter, and are pressurized to between 40 and 65 psi. The system includes five dead ends and 63 valves, which are flushed and exercised annually. During 2015, meter readings indicate that about 13% of the water produced or purchased was lost in the distribution system from flushing, leaks, fire flow, and/or unmetered use. However, based on discussion with San Simeon personnel, the discrepancy is likely due to meter inaccuracies at the service connections.

San Simeon 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 35 backflow prevention devices are used to protect the water system from potential cross-connections. San Simeon is required to ensure that all of the necessary backflow prevention devices are tested annually. An average of 9% are repaired or replaced each year, as shown in Table 5 below. Jon Williams from San Luis Obispo is certified by AWWA as a cross-connection control specialist and coordinates the cross-connection control program for San Simeon.

Year	Number Tested	Number Failed	Number Repaired
2011	35	2	2
2012	35	6	6
2013	35	5	3
2014	35	2	2
2015	35	2	2

2.4 ELEMENT 4: FINISHED WATER STORAGE

One storage tank provides San Simeon with approximately 150,000 gallons of storage capacity. The tank is partially buried, constructed of concrete, and has a common inlet and outlet. The tank is periodically inspected and cleaned if necessary. During the May 5 inspection, a panel on the wall of the storage tank was loose, and the water surface had a significant amount of floating debris. **The loose panel shall be secured. San Simeon shall report to DDW regarding the suspected or known composition of the floating debris and propose a solution for keeping it out of the tank if determined to be of concern.** Details of the storage tanks are listed below in Table 6.

Table 6: Active Reservoir Info				
Name	Type	Year Built	Capacity (MG)	Comments
Reservoir 1	Partially Buried Concrete	1974	0.15	Common Inlet/Outlet

2.5 ELEMENT 5: PUMPS, PUMP FACILITIES, AND CONTROLS

One booster pump station is utilized by San Simeon, when the desalter is in operation. The distribution system is pressurized by the height of the storage tank, which is filled automatically by the submersible well pumps when the desalter is not in operation. San Simeon's desalter is automatically controlled. The desalter skid includes booster pumps on the influent side of the reverse osmosis membranes, and on the effluent side, downstream of a finished water flush tank. The pumps are used to pressurize the membrane vessels and send finished water to the storage tank.

Table 7: Booster Pump Station Info				
Name	# of Pumps	Capacity (gpm)	Delivers Water From	Delivers Water To
Desalter	1	240	Desalter	Distribution System

2.6 ELEMENT 6: MONITORING, REPORTING, AND DATA VERIFICATION

2.6.1 SOURCE MONITORING

San Simeon is required to routinely monitor its groundwater sources for general physical parameters, general minerals, inorganic chemicals, radiological chemicals, volatile organic compounds (VOCs), total coliform bacteria, and *E. coli*. Monitoring for synthetic organic compounds (SOCs) has been waived.

2.6.1.1 CHEMICAL MONITORING

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

Table 8: Chemical Monitoring Frequency of Wells						
Source Name & PS Code		General Physical & Minerals	Inorganic & Nitrite	Nitrate	Radio-logical	VOCs
Well 1 4000568-001	Last Sample	2014	2014	2016	2013	2016
	Frequency	3 Years	3 Years	Annually	9 Years	6 Years
	Next Sample	2017	2017	2017	2022	2022
Well 2 4000568-002	Last Sample	2014	2014	2016	2013	2016
	Frequency	3 Years	3 Years	Annually	9 Years	6 Years
	Next Sample	2017	2017	2017	2022	2022
Well 3 4000568-006	Last Sample	2013	2013	2016	2013	2016
	Frequency	9 Years	9 Years	Annually	9 Years	9 Years
	Next Sample	2022	2022	2017	2022	2025

Table 9: Last Chemical Monitoring Results (Detected Chemicals Only)					
	MCL	DLR	Well 1	Well 2	Well 3
Aggressive Index			13	13	13
Bicarbonate Alkalinity (mg/L)			310	320	300
Calcium (mg/L)			110	55	45
Chloride (mg/L)	500*		1290	367	16
Color (Units)	15		ND	ND	5
Total Hardness as CaCO ₃ (mg/L)			690	340	270
Iron (µg/L)	300	100	320	130	430
Magnesium (mg/L)			98	49	39
pH			8.0	8.1	8.1
Sodium (mg/L)			80	27	18
Specific Conductance (µS/cm)	1600*		4050	1550	560
Sulfate (mg/L)	500*	0.5	73	48	44
Total Dissolved Solids (mg/L)	1000*		1000	460	310
Turbidity (NTU)	5	0.1	1.0	0.6	2.6
Aluminum (µg/L)	200	50	75	ND	67
Barium (µg/L)	1000	100	200	120	100
Hexavalent Chromium (µg/L)	10	1	1.8	1.9	2.0
Fluoride (mg/L)	2	0.1	ND	0.11	0.13
Nickel (µg/L)	100	10	11	ND	ND
Selenium (µg/L)	50	5	6	ND	ND
Nitrate as N (mg/L)	10	0.4	2.4	1.5	0.6
Langelier Index at 62 °F			0.8	0.7	0.6
Boron (µg/L)		100	130	130	--
Total Alkalinity as CaCO ₃ (mg/L)			250	270	250
Potassium (mg/L)			2.3	ND	ND

*The values for TDS, SC, Cl⁻, and SO₄²⁻ are upper values of MCL ranges for which no fixed MCL has been established.

The most recent water quality results indicate that Well 1 has been greatly impacted with chloride, iron, conductance, and total dissolved solids levels that exceed the respective secondary maximum contaminant levels.

2.6.1.2 BACTERIOLOGICAL MONITORING

To monitor the bacteriological quality of its raw groundwater, San Simeon tests each well in use monthly for total coliform bacteria and *E. coli*. For compliance with the Groundwater Rule, San Simeon is also required to test its groundwater sources for bacteria when a routine distribution sample is positive for coliform bacteria. Table 10 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*:

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013	--	--	--	4-1-0	--	--	3-1-0	--	--	2-0-0	--	--
2014	2-0-0	1-0-0	3-1-0	2-0-0	2-0-0	2-0-0	2-0-0	2-0-0	4-1-0	4-1-0	3-0-0	5-2-0
2015	3-0-0	4-1-1	2-0-0	2-0-0	2-0-0	2-0-0	2-0-0	2-0-0	3-1-0	4-0-0	7-4-0	3-0-0
2013	7-4-0	4-2-0	2-0-0	2-0-0	2-0-0	2-0-0	2-0-0	TBD				

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

2.6.2 TREATMENT MONITORING

When active, the desalter effluent is required to be monitored for any chemicals or parameters that exceed the State's maximum contaminant levels in the desalter influent. These include chloride, iron, specific conductance, and total dissolved solids. During periods of saltwater influence on San Simeon's wells, specific conductance is the first parameter to exceed the maximum contaminant level. Specific conductance is required to be tested in the desalter effluent at least weekly, and chloride, iron, and total dissolved solids at least monthly. After a year of consistent data is available to show that specific conductance can be correlated to chloride, iron, and/or total dissolved solids, San Simeon may request a reduction of the treatment monitoring frequencies. The desalter effluent shall also be routinely monitored for the Aggressive Index (AI) and Langelier Index (LI) to ensure that it is not corrosive or aggressive to asbestos cement pipes.

2.6.3 DISTRIBUTION SYSTEM MONITORING

San Simeon 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

San Simeon is required to test at least 1 sample for bacteria per month from its distribution system. Table 11 below summarizes the results:

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0
2014	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0
2015	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0
2016	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	TBD				

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

2.6.3.2 LEAD AND COPPER MONITORING

For compliance with the Lead and Copper Rule, San Simeon tests at least 5 samples collected from its customers' taps triennially. Lead and copper monitoring will be due again during the summer months of 2016. Due to the potential for corrosive water with the use of reverse osmosis, San Simeon shall conduct an additional round of lead and copper monitoring from the same locations that are routinely tested. This additional lead and copper monitoring shall be completed after at least 30 days of continuous use of the desalter. Recent routine results are summarized in Table 12 below:

Sampling Date	# of Samples	90 th % Lead (mg/L)	90 th % Copper (mg/L)
9/17/2013	10	ND	0.29
Jun-Sep 2016	≥ 5	TBD	TBD

2.6.3.3 DISINFECTION BYPRODUCTS AND DISINFECTANT RESIDUALS MONITORING

San Simeon tests one distribution system location for total trihalomethanes (TTHMs) and haloacetic acids five (HAA5) annually to comply with the routine monitoring requirements for disinfection byproducts. Table 13 below summarizes the annual results since 2013:

	2013	2014	2015	September 2016
TTHMs (µg/L)	6	22	10	TBD
HAA5 (µg/L)	1	7	4	TBD

For compliance with the maximum residual disinfectant level for chlorine of 4.0 mg/L, San Simeon monitors its distribution system for chlorine residual when it collects its routine bacteriological samples. The monthly averages of the results are listed in Table 14 below:

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013			0.76	0.77	0.72	0.65	0.76	0.73	0.66	0.63	0.73	0.84
2014	0.66	0.72	0.78	0.88	0.85	0.79	0.75	0.61	0.65	0.70	0.51	0.58
2015	0.71	0.75	0.69	0.72	0.86	0.8	0.65	0.68	0.59	0.61	0.73	1.06
2016	0.67	0.69	0.56	0.56	0.62	0.67	TBD	TBD				

2.6.4 RECORDKEEPING

San Simeon 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 15 below:

Table 15: 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 Community Services District has served the San Simeon community since 1961. Charles Grace serves as general manager and Jerry Copeland serves as superintendent. San Simeon operates with an approximately \$400,000 annual budget. San Simeon charges a flat base rate and uniform usage rate to its customers to cover the costs of operation.

2.7.2 OPERATIONAL PLANS AND REPORTING

The DDW has an Emergency Notification Plan on file for San Simeon dated 2013. Annual Reports are submitted to the DDW and Consumer Confidence Reports are distributed to customers by July 1st every year. An Emergency Response Plan is on file for San Simeon. A Bacteriological Sample Siting Plan was updated in 2013.

The 2015 Consumer Confidence Report contained erroneous information for several chemicals. **Results were missing from the report for chlorine, aluminum, and hexavalent chromium, all of which were detected above the DLR in the most recent sampling period. Erroneous results were included for lead, and results for sulfate were reported twice, with different results. In addition, incorrect MCLs and/or Public Health Goals (PHG) were included for specific conductance, fluoride, lead, copper, and nitrate. The 2016 Consumer Confidence Report shall be submitted to DDW for review before distribution during 2017.**

2.8 ELEMENT 8: OPERATOR COMPLIANCE WITH STATE REQUIREMENTS

San Simeon's distribution system is classified as a D1 distribution system, its chlorination treatment facilities are classified as D1 or T1 facilities, and its desalter is classified as a T1 facility. San Simeon currently employs two certified distribution operators to meet the distribution operator requirements and one certified treatment operator to meet the treatment operator requirements.

Table 16: Water System Facility Operator Certification Classifications

Facility Name	Sampling Point ID(s)	Classification Required
Distribution System	007	D1
Wells 1 & 2 Chlorination	004	D1 or T1
Well 3 Chlorination	008	D1 or T1
Wells 1 & 2 Desalter	009	T1

Table 17: Water System Sampling Point Locations

Facility Name	Location	PS Code
Well 1	Well 1	4000568-001
Well 2	Well 2	4000568-002
Well 3	Well 3	4000568-006
Wells 1 & 2 Chlorination	Wells 1 & 2	4000568-004
Well 3 Chlorination	Well 3	4000568-008
Wells 1 & 2 Desalter	Treatment Plant	4000568-009
Distribution system	Wastewater Treatment Plant	4000568-007

III. CONCLUSIONS

The review of San Simeon's water system indicates that the water system is designed, constructed, operated, and managed well. Well 2, the storage tank, desalter, and the distribution system meet state requirements, although Wells 1 and 3 were not constructed with adequate annular seals. A review of the routine water quality monitoring results indicates that the water generally meets all applicable maximum contaminant levels, but that it sometimes exceeds secondary standards for chloride, iron, specific conductance, and total dissolved solids. Deficiencies identified include having a loose panel on the wall of the reservoir that could allow the entry of small animals into the tank, allowing the buildup of floating debris in the tank, and including erroneous information in the 2015 Consumer Confidence Report.

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: San Simeon Community Services District
111 Pico Avenue
San Simeon, CA 93452

San Simeon Community Services District's response to and plan to correct the identified items:

1. San Simeon shall only bring Well 3 online in cases of emergency. Use of the well shall be limited to five consecutive days or less, and less than 15 days per year. San Simeon shall notify DDW within three days after a short-term emergency use of the well with the reason and duration of use. A chlorine residual of greater than 1.0 mg/L shall be targeted at the well's entry point to the distribution system when in use.

Response: _____

2. During the May 5 inspection a panel of the wall of Reservoir 1 was loose and created an unprotected opening to the reservoir. The loose panel shall be secured to prevent the entry of birds, insects, rodents, or other animals.

Response: _____

3. During the May 5 inspection, the water surface inside Reservoir 1 had a significant amount of floating debris. San Simeon shall report to DDW regarding the suspected or known composition of the floating debris and propose a solution for keeping it out of the tank if determined to be of concern.

Response: _____

4. The 2015 Consumer Confidence Report contained erroneous information for multiple chemicals. Results were missing from the report for chlorine, aluminum, and hexavalent chromium, all of which were detected above the DLR in the most recent sampling period. Erroneous results were included for lead, and results for sulfate were reported twice, with different numbers. In addition, incorrect MCLs and/or Public Health Goals (PHG) were included for specific conductance, fluoride, lead, copper, and nitrate. The 2016 Consumer Confidence Report shall be submitted to DDW for review before distribution during 2017.

Response: _____

Response Completed by:

Signature: _____

Name: _____

Title: _____

Date: _____

Enclosure 3

Last Sample Date and Monitoring Schedule

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO: 001

NAME: WELL 01

CLASS: L100

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - 001	4000568 SAN SIMEON CSD	001	WELL 01							
	GP SECONDARY/GP									
00440	BICARBONATE ALKALINITY	310.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00916	CALCIUM	110.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00445	CARBONATE ALKALINITY	< .0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00940	CHLORIDE	380.0000	MG/L	500.000	-----	2014/04/17	3	M	2014/07	DUE NOW
00081	COLOR	< .0000	UNITS	15.000	-----	2014/04/17	36		2017/04	
01042	COPPER	< .0000	UG/L	1000.000	50.000	2014/04/17	36		2017/04	
38260	FOAMING AGENTS (MBAS)	< .0000	MG/L	0.500	-----	2014/04/17	36		2017/04	
00900	HARDNESS (TOTAL) AS CaCO3	690.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
71830	HYDROXIDE ALKALINITY	< .0000	MG/L	-----	-----	2014/04/17	36		2017/04	
01045	IRON	320.0000	UG/L	300.000	100.000	2014/04/17	3	M	2014/07	DUE NOW
00927	MAGNESIUM	98.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
01055	MANGANESE	< .0000	UG/L	50.000	20.000	2014/04/17	36		2017/04	
00086	ODOR THRESHOLD @ 60 C	< .0000	TON	3.000	1.000	2014/04/17	36		2017/04	
00403	PH, LABORATORY	8.0000		-----	-----	2014/04/17	36		2017/04	
01077	SILVER	< .0000	UG/L	100.000	10.000	2014/04/17	36		2017/04	
00929	SODIUM	80.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00095	SPECIFIC CONDUCTANCE	1700.0000	US	1600.000	-----	2014/04/17	1	M	2014/05	DUE NOW
00945	SULFATE	73.0000	MG/L	500.000	0.500	2014/04/17	36		2017/04	
70300	TOTAL DISSOLVED SOLIDS	1000.0000	MG/L	1000.000	-----	2014/04/17	3	M	2014/07	DUE NOW
82079	TURBIDITY, LABORATORY	1.0000	NTU	5.000	0.100	2014/04/17	36		2017/04	
01092	ZINC	< .0000	UG/L	5000.000	50.000	2014/04/17	36		2017/04	
	IO INORGANIC									
01105	ALUMINUM	75.0000	UG/L	1000.000	50.000	2014/04/17	36		2017/04	
01097	ANTIMONY	< .0000	UG/L	6.000	6.000	2014/04/17	36		2017/04	
01002	ARSENIC	< .0000	UG/L	10.000	2.000	2014/04/17	36		2017/04	
01007	BARIUM	200.0000	UG/L	1000.000	100.000	2014/04/17	36		2017/04	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO:

NAME: WELL 01

CLASS: L100

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - IO INORGANIC 001										
01012	BERYLLIUM	<	.0000 UG/L	4.000	1.000	2014/04/17	36		2017/04	
01027	CADMIUM	<	.0000 UG/L	5.000	1.000	2014/04/17	36		2017/04	
01034	CHROMIUM (TOTAL)	<	.0000 UG/L	50.000	10.000	2014/04/17	36		2017/04	
01291	CYANIDE	<	.0000 UG/L	150.000	100.000	2014/04/17	36	M	2017/04	
00951	FLUORIDE (F) (NATURAL-SOURCE)	<	.0000 MG/L	2.000	0.100	2014/04/17	36		2017/04	
71900	MERCURY	<	.0000 UG/L	2.000	1.000	2014/04/17	36		2017/04	
01067	NICKEL		11.0000 UG/L	100.000	10.000	2014/04/17	36		2017/04	
A-031	PERCHLORATE	<	.0000 UG/L	6.000	4.000	2011/05/24	36		2014/05	DUE NOW
01147	SELENIUM		6.0000 UG/L	50.000	5.000	2014/04/17	36		2017/04	
01059	THALLIUM	<	.0000 UG/L	2.000	1.000	2014/04/17	36		2017/04	
NI NITRATE/NITRITE										
00618	NITRATE (as N)		2.4 mg/L	10.000	0.400	2016/04/06	12		2017/04	
00620	NITRITE (AS N)	<	.0000 UG/L	1000.000	400.000	2014/04/17	36		2017/04	
RA RADIOLOGICAL										
01501	GROSS ALPHA	<	.0000 PCI/L	15.000	3.000	2013/04/04	108	M	2022/04	
S1 REGULATED VOC										
34506	1,1,1-TRICHLOROETHANE	<	ND UG/L	200.000	0.500	2016/05/04	72		2022/05	
34516	1,1,2,2-TETRACHLOROETHANE	<	ND UG/L	1.000	0.500	2016/05/04	72		2022/05	
34511	1,1,2-TRICHLOROETHANE	<	ND UG/L	5.000	0.500	2016/05/04	72		2022/05	
34496	1,1-DICHLOROETHANE	<	ND UG/L	5.000	0.500	2016/05/04	72		2022/05	
34501	1,1-DICHLOROETHYLENE	<	ND UG/L	6.000	0.500	2016/05/04	72		2022/05	
34551	1,2,4-TRICHLOROBENZENE	<	ND UG/L	5.000	0.500	2016/05/04	72		2022/05	
34536	1,2-DICHLOROBENZENE	<	ND UG/L	600.000	0.500	2016/05/04	72		2022/05	
34531	1,2-DICHLOROETHANE	<	ND UG/L	0.500	0.500	2016/05/04	72		2022/05	
34541	1,2-DICHLOROPROPANE	<	ND UG/L	5.000	0.500	2016/05/04	72		2022/05	
34561	1,3-DICHLOROPROPENE (TOTAL)	<	ND UG/L	0.500	0.500	2016/05/04	72		2022/05	
34571	1,4-DICHLOROBENZENE	<	ND UG/L	5.000	0.500	2016/05/04	72		2022/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: NAME: COUNTY:
 SOURCE NO: NAME: CLASS: STATUS:

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - S1 001	34030	BENZENE	<	ND UG/L	1.000	0.500	2016/05/04	72	2022/05	
	32102	CARBON TETRACHLORIDE	<	ND UG/L	0.500	0.500	2016/05/04	72	2022/05	
	77093	CIS-1,2-DICHLOROETHYLENE	<	ND UG/L	6.000	0.500	2016/05/04	72	2022/05	
	34423	DICHLOROMETHANE	<	ND UG/L	5.000	0.500	2016/05/04	72	2022/05	
	34371	ETHYLBENZENE	<	ND UG/L	300.000	0.500	2016/05/04	72	2022/05	
	46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	ND UG/L	13.000	3.000	2016/05/04	72	2022/05	
	34301	MONOCHLOROBENZENE	<	ND UG/L	70.000	0.500	2016/05/04	72	2022/05	
	77128	STYRENE	<	ND UG/L	100.000	0.500	2016/05/04	72	2022/05	
	34475	TETRACHLOROETHYLENE	<	ND UG/L	5.000	0.500	2016/05/04	72	2022/05	
	34010	TOLUENE	<	ND UG/L	150.000	0.500	2016/05/04	72	2022/05	
	34546	TRANS-1,2-DICHLOROETHYLENE	<	ND UG/L	10.000	0.500	2016/05/04	72	2022/05	
	39180	TRICHLOROETHYLENE	<	ND UG/L	5.000	0.500	2016/05/04	72	2022/05	
	34488	TRICHLOROFUOROMETHANE	<	ND UG/L	150.000	5.000	2016/05/04	72	2022/05	
	81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	ND UG/L	1200.000	10.000	2016/05/04	72	2022/05	
	39175	VINYL CHLORIDE	<	ND UG/L	0.500	0.500	2016/05/04	72	2022/05	
	81551	XYLENES (TOTAL)	<	ND UG/L	1750.000	0.500	2016/05/04	72	2022/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO: 002

NAME: WELL 02

CLASS: L100

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - 002	4000568 SAN SIMEON CSD	002	WELL 02							
	GP SECONDARY/GP									
00440	BICARBONATE ALKALINITY	320.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00916	CALCIUM	55.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00445	CARBONATE ALKALINITY	< .0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00940	CHLORIDE	54.0000	MG/L	500.000	-----	2014/04/17	3	M	2014/07	DUE NOW
00081	COLOR	< .0000	UNITS	15.000	-----	2014/04/17	36		2017/04	
01042	COPPER	< .0000	UG/L	1000.000	50.000	2014/04/17	36		2017/04	
38260	FOAMING AGENTS (MBAS)	< .0000	MG/L	0.500	-----	2014/04/17	36		2017/04	
00900	HARDNESS (TOTAL) AS CaCO3	340.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
71830	HYDROXIDE ALKALINITY	< .0000	MG/L	-----	-----	2014/04/17	36		2017/04	
01045	IRON	130.0000	UG/L	300.000	100.000	2014/04/17	3	M	2014/07	DUE NOW
00927	MAGNESIUM	49.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
01055	MANGANESE	< .0000	UG/L	50.000	20.000	2014/04/17	36		2017/04	
00086	ODOR THRESHOLD @ 60 C	< .0000	TON	3.000	1.000	2014/04/17	36		2017/04	
00403	PH, LABORATORY	8.1000		-----	-----	2014/04/17	36		2017/04	
01077	SILVER	< .0000	UG/L	100.000	10.000	2014/04/17	36		2017/04	
00929	SODIUM	27.0000	MG/L	-----	-----	2014/04/17	36		2017/04	
00095	SPECIFIC CONDUCTANCE	700.0000	US	1600.000	-----	2014/04/17	1	M	2014/05	DUE NOW
00945	SULFATE	48.0000	MG/L	500.000	0.500	2014/04/17	36		2017/04	
70300	TOTAL DISSOLVED SOLIDS	460.0000	MG/L	1000.000	-----	2014/04/17	3	M	2014/07	DUE NOW
82079	TURBIDITY, LABORATORY	.6400	NTU	5.000	0.100	2014/04/17	36		2017/04	
01092	ZINC	< .0000	UG/L	5000.000	50.000	2014/04/17	36		2017/04	
	IO INORGANIC									
01105	ALUMINUM	< .0000	UG/L	1000.000	50.000	2014/04/17	36		2017/04	
01097	ANTIMONY	< .0000	UG/L	6.000	6.000	2014/04/17	36		2017/04	
01002	ARSENIC	< .0000	UG/L	10.000	2.000	2014/04/17	36		2017/04	
01007	BARIUM	120.0000	UG/L	1000.000	100.000	2014/04/17	36		2017/04	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO:

NAME: WELL 02

CLASS: L100

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION		LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - IO INORGANIC											
002											
01012	BERYLLIUM	<	.0000	UG/L	4.000	1.000	2014/04/17	36		2017/04	
01027	CADMIUM	<	.0000	UG/L	5.000	1.000	2014/04/17	36		2017/04	
01034	CHROMIUM (TOTAL)	<	.0000	UG/L	50.000	10.000	2014/04/17	36		2017/04	
01291	CYANIDE	<	.0000	UG/L	150.000	100.000	2014/04/17	36	M	2017/04	
00951	FLUORIDE (F) (NATURAL-SOURCE)		.1100	MG/L	2.000	0.100	2014/04/17	36		2017/04	
71900	MERCURY	<	.0000	UG/L	2.000	1.000	2014/04/17	36		2017/04	
01067	NICKEL	<	.0000	UG/L	100.000	10.000	2014/04/17	36		2017/04	
A-031	PERCHLORATE	<	.0000	UG/L	6.000	4.000	2011/05/24	36		2014/05	DUE NOW
01147	SELENIUM	<	.0000	UG/L	50.000	5.000	2014/04/17	36		2017/04	
01059	THALLIUM	<	.0000	UG/L	2.000	1.000	2014/04/17	36		2017/04	
NI NITRATE/NITRITE											
00618	NITRATE (as N)		1.5	mg/L	10.000	0.400	2016/04/06	12		2017/04	
00620	NITRITE (AS N)	<	.0000	UG/L	1000.000	400.000	2014/04/17	36		2017/04	
RA RADIOLOGICAL											
01501	GROSS ALPHA	<	.0000	PCI/L	15.000	3.000	2013/04/04	108	M	2022/04	
S1 REGULATED VOC											
34506	1,1,1-TRICHLOROETHANE	<	ND	UG/L	200.000	0.500	2016/05/04	72		2022/05	
34516	1,1,2,2-TETRACHLOROETHANE	<	ND	UG/L	1.000	0.500	2016/05/04	72		2022/05	
34511	1,1,2-TRICHLOROETHANE	<	ND	UG/L	5.000	0.500	2016/05/04	72		2022/05	
34496	1,1-DICHLOROETHANE	<	ND	UG/L	5.000	0.500	2016/05/04	72		2022/05	
34501	1,1-DICHLOROETHYLENE	<	ND	UG/L	6.000	0.500	2016/05/04	72		2022/05	
34551	1,2,4-TRICHLOROBENZENE	<	ND	UG/L	5.000	0.500	2016/05/04	72		2022/05	
34536	1,2-DICHLOROBENZENE	<	ND	UG/L	600.000	0.500	2016/05/04	72		2022/05	
34531	1,2-DICHLOROETHANE	<	ND	UG/L	0.500	0.500	2016/05/04	72		2022/05	
34541	1,2-DICHLOROPROPANE	<	ND	UG/L	5.000	0.500	2016/05/04	72		2022/05	
34561	1,3-DICHLOROPROPENE (TOTAL)	<	ND	UG/L	0.500	0.500	2016/05/04	72		2022/05	
34571	1,4-DICHLOROBENZENE	<	ND	UG/L	5.000	0.500	2016/05/04	72		2022/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO:

NAME:

COUNTY:

SOURCE NO:

NAME:

CLASS:

STATUS:

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - S1 002	34030	BENZENE	<	ND UG/L	1.000	0.500	2016/05/04	72	2022/05	
	32102	CARBON TETRACHLORIDE	<	ND UG/L	0.500	0.500	2016/05/04	72	2022/05	
	77093	CIS-1,2-DICHLOROETHYLENE	<	ND UG/L	6.000	0.500	2016/05/04	72	2022/05	
	34423	DICHLOROMETHANE	<	ND UG/L	5.000	0.500	2016/05/04	72	2022/05	
	34371	ETHYLBENZENE	<	ND UG/L	300.000	0.500	2016/05/04	72	2022/05	
	46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	ND UG/L	13.000	3.000	2016/05/04	72	2022/05	
	34301	MONOCHLOROBENZENE	<	ND UG/L	70.000	0.500	2016/05/04	72	2022/05	
	77128	STYRENE	<	ND UG/L	100.000	0.500	2016/05/04	72	2022/05	
	34475	TETRACHLOROETHYLENE	<	ND UG/L	5.000	0.500	2016/05/04	72	2022/05	
	34010	TOLUENE	<	ND UG/L	150.000	0.500	2016/05/04	72	2022/05	
	34546	TRANS-1,2-DICHLOROETHYLENE	<	ND UG/L	10.000	0.500	2016/05/04	72	2022/05	
	39180	TRICHLOROETHYLENE	<	ND UG/L	5.000	0.500	2016/05/04	72	2022/05	
	34488	TRICHLOROFLUOROMETHANE	<	ND UG/L	150.000	5.000	2016/05/04	72	2022/05	
	81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	ND UG/L	1200.000	10.000	2016/05/04	72	2022/05	
	39175	VINYL CHLORIDE	<	ND UG/L	0.500	0.500	2016/05/04	72	2022/05	
81551	XYLENES (TOTAL)	<	ND UG/L	1750.000	0.500	2016/05/04	72	2022/05		

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO: 006

NAME: WELL 03

CLASS: STBY

STATUS: Active

PCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - 006	4000568 SAN SIMEON CSD	006	WELL 03							
	GP SECONDARY/GP									
00440	BICARBONATE ALKALINITY	300.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
00916	CALCIUM	45.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
00445	CARBONATE ALKALINITY <	.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
00940	CHLORIDE	16.0000	MG/L	500.000	-----	2013/04/24	108		2022/04	
00081	COLOR	5.0000	UNITS	15.000	-----	2013/04/24	108		2022/04	
01042	COPPER <	.0000	UG/L	1000.000	50.000	2013/04/24	108		2022/04	
38260	FOAMING AGENTS (MBAS) <	.0000	MG/L	0.500	-----	2013/04/24	108		2022/04	
00900	HARDNESS (TOTAL) AS CaCO3	270.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
71830	HYDROXIDE ALKALINITY <	.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
01045	IRON	430.0000	UG/L	300.000	100.000	2013/04/24	108		2022/04	
00927	MAGNESIUM	39.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
01055	MANGANESE <	.0000	UG/L	50.000	20.000	2013/04/24	108		2022/04	
00086	ODOR THRESHOLD @ 60 C <	.0000	TON	3.000	1.000	2013/04/24	108		2022/04	
00403	PH, LABORATORY	8.1000		-----	-----	2013/04/24	108		2022/04	
01077	SILVER <	.0000	UG/L	100.000	10.000	2013/04/24	108		2022/04	
00929	SODIUM	18.0000	MG/L	-----	-----	2013/04/24	108		2022/04	
00095	SPECIFIC CONDUCTANCE	560.0000	US	1600.000	-----	2013/04/24	108		2022/04	
00945	SULFATE	44.0000	MG/L	500.000	0.500	2013/04/24	108		2022/04	
70300	TOTAL DISSOLVED SOLIDS	310.0000	MG/L	1000.000	-----	2013/04/24	108		2022/04	
82079	TURBIDITY, LABORATORY	2.6000	NTU	5.000	0.100	2013/04/24	108		2022/04	
01092	ZINC <	.0000	UG/L	5000.000	50.000	2013/04/24	108		2022/04	
	IO INORGANIC									
01105	ALUMINUM	67.0000	UG/L	1000.000	50.000	2013/04/22	108		2022/04	
01097	ANTIMONY <	.0000	UG/L	6.000	6.000	2013/04/22	108		2022/04	
01002	ARSENIC <	.0000	UG/L	10.000	2.000	2013/04/22	108		2022/04	
01007	BARIUM	100.0000	UG/L	1000.000	100.000	2013/04/22	108		2022/04	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO:

NAME: WELL 03

CLASS: STBY

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - IO INORGANIC										
006										
01012	BERYLLIUM	<	.0000 UG/L	4.000	1.000	2013/04/22	108		2022/04	
01027	CADMIUM	<	.0000 UG/L	5.000	1.000	2013/04/22	108		2022/04	
01034	CHROMIUM (TOTAL)	<	.0000 UG/L	50.000	10.000	2013/04/22	108		2022/04	
01291	CYANIDE	<	.0000 UG/L	150.000	100.000	2013/04/22	108	M	2022/04	
00951	FLUORIDE (F) (NATURAL-SOURCE)		.1300 MG/L	2.000	0.100	2013/04/22	108		2022/04	
71900	MERCURY	<	.0000 UG/L	2.000	1.000	2013/04/22	108		2022/04	
01067	NICKEL	<	.0000 UG/L	100.000	10.000	2013/04/22	108		2022/04	
A-031	PERCHLORATE	<	.0000 UG/L	6.000	4.000	2013/04/24	108		2022/04	
01147	SELENIUM	<	.0000 UG/L	50.000	5.000	2013/04/22	108		2022/04	
01059	THALLIUM	<	.0000 UG/L	2.000	1.000	2013/04/22	108		2022/04	
NI NITRATE/NITRITE										
00618	NITRATE (as N)		0.6 mg/L	10.000	0.400	2016/04/20	12		2017/04	
00620	NITRITE (AS N)	<	.0000 UG/L	1000.000	400.000	2013/04/24	108		2022/04	
RA RADIOLOGICAL										
01501	GROSS ALPHA	<	.0000 PCI/L	15.000	3.000	2013/04/22	108		2022/04	
S1 REGULATED VOC										
34506	1,1,1-TRICHLOROETHANE	<	ND UG/L	200.000	0.500	2016/05/04	108		2025/05	
34516	1,1,2,2-TETRACHLOROETHANE	<	ND UG/L	1.000	0.500	2016/05/04	108		2025/05	
34511	1,1,2-TRICHLOROETHANE	<	ND UG/L	5.000	0.500	2016/05/04	108		2025/05	
34496	1,1-DICHLOROETHANE	<	ND UG/L	5.000	0.500	2016/05/04	108		2025/05	
34501	1,1-DICHLOROETHYLENE	<	ND UG/L	6.000	0.500	2016/05/04	108		2025/05	
34551	1,2,4-TRICHLOROBENZENE	<	ND UG/L	5.000	0.500	2016/05/04	108		2025/05	
34536	1,2-DICHLOROBENZENE	<	ND UG/L	600.000	0.500	2016/05/04	108		2025/05	
34531	1,2-DICHLOROETHANE	<	ND UG/L	0.500	0.500	2016/05/04	108		2025/05	
34541	1,2-DICHLOROPROPANE	<	ND UG/L	5.000	0.500	2016/05/04	108		2025/05	
34561	1,3-DICHLOROPROPENE (TOTAL)	<	ND UG/L	0.500	0.500	2016/05/04	108		2025/05	
34571	1,4-DICHLOROBENZENE	<	ND UG/L	5.000	0.500	2016/05/04	108		2025/05	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO: 007

NAME: LAB FAUCET @ WWTP - STAGE 2 DBP

CLASS: DBPA

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - 007	4000568 SAN SIMEON CSD	007	LAB FAUCET @ WWTP - STAGE 2 DBP							
D BP	DISINFECTION BYPRODUCTS									
	32101 BROMODICHLOROMETHANE (THM)	<	ND UG/L	-----	1.000	2015/09/02	12		2016/09	
	32104 BROMOFORM (THM)		8.2 UG/L	-----	1.000	2015/09/02	12		2016/09	
	32106 CHLOROFORM (THM)	<	ND UG/L	-----	1.000	2015/09/02	12		2016/09	
	82721 DIBROMOACETIC ACID (DBAA)		4.1 UG/L	-----	1.000	2015/09/02	12		2016/09	
	32105 DIBROMOCHLOROMETHANE (THM)		1.6 UG/L	-----	1.000	2015/09/02	12		2016/09	
	77288 DICHLOROACETIC ACID (DCAA)	<	ND UG/L	-----	1.000	2015/09/02	12		2016/09	
	A-049 HALOACETIC ACIDS (5) (HAAS)		4.1 UG/L	60.000	-----	2015/09/02	12		2016/09	
	A-041 MONOBROMOACETIC ACID (MBAA)	<	ND UG/L	-----	1.000	2015/09/02	12		2016/09	
	A-042 MONOCHLOROACETIC ACID (MCAA)	<	ND UG/L	-----	2.000	2015/09/02	12		2016/09	
	82080 TOTAL TRIHALOMETHANES		9.8 UG/L	80.000	-----	2015/09/02	12		2016/09	
	82723 TRICHLOROACETIC ACID (TCAA)	<	ND UG/L	-----	1.000	2015/09/02	12		2016/09	

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 4000568

NAME: SAN SIMEON CSD

COUNTY: SAN LUIS OBISPO

SOURCE NO: 009

NAME: WELL 01 & 02 DESALTER

CLASS: DEAD

STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
4000568 - 009	4000568 SAN SIMEON CSD	009	WELL 01 & 02 DESALTER							
	GP SECONDARY/GP									
	82383 AGGRSSIVE INDEX (CORROSIVITY)			-----	-----		1	M	2016/07	DUE NOW
	00940 CHLORIDE		MG/L	500.000	-----		1	M	2016/07	DUE NOW
	01045 IRON		UG/L	300.000	100.000		1	M	2016/07	DUE NOW
	00095 SPECIFIC CONDUCTANCE		US	1600.000	-----		1	M	2016/07	DUE NOW
	70300 TOTAL DISSOLVED SOLIDS		MG/L	1000.000	-----		1	M	2016/07	DUE NOW

Enclosure 4

Photos from the
May 5th Inspection



Photo 1: Well 3 Wellhead

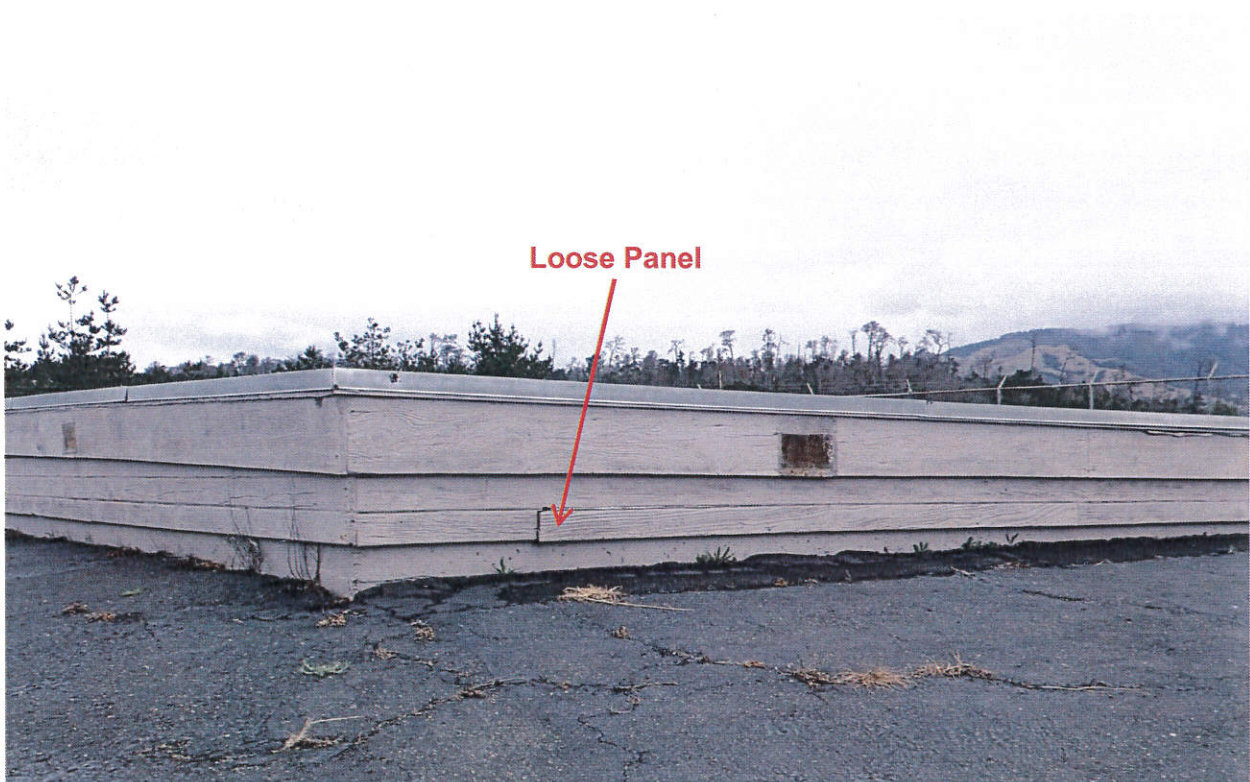


Photo 2: Reservoir 1



Photo 3: Interior of Reservoir 1