

Consumer Confidence Report Certification Form

(to be submitted with a copy of the CCR)

(to certify electronic delivery of the CCR, use the certification form on the State Water Board's website at http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: **SPV WATER CO INC**

Water System Number: **1907028**

The water system above hereby certifies that its Consumer Confidence Report was distributed on 4/15/2020 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified By: Name MICHAEL R. MILLER
Signature [Signature]
Title WATER SYSTEM MANAGER
Phone Number (661) 860-1843 Date 4/16/2020

To summarize report delivery used and good-faith efforts taken, please complete the form below by checking all items that apply and fill-in where appropriate:

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:

____ "Good faith" efforts were used to reach non-bill paying customers. Those efforts included the following methods:

____ Posted the CCR on the internet at http:// _____

____ Mailed the CCR to postal patrons within the service area (attach zip codes used)

____ Advertised the availability of the CCR in news media (attach a copy of press release)

____ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of the newspaper and date published)

____ Posted the CCR in public places (attach a list of locations)

____ Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses, and schools

____ Delivery to community organizations (attach a list of organizations)

☒ Other (attach a list of other methods used)
EMAILED TO APX 60% OF CUSTOMERS

____ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: http:// _____

☒ For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

2019 Consumer Confidence Report

Water System Name: SPV WATER CO INC

Report Date: April 2020

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2019.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

Type of water source(s) in use: According to SWRCB records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 4 source(s): Well 01, Well 02, Well 04 and Well 1A

Opportunities for public participation in decisions that affect drinking water quality: Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings are held every first Saturday of June at 10:00am, location to be announced. For more information regarding public participation opportunities, the Consumer Confidence Report, or any other questions relating to your drinking water; call Culver Computer Bookkeeping Services at (661) 775 - 4844

For more information about this report, or any questions relating to your drinking water, please call (661) 775 - 4844 and ask for Culver Computer Bookkeeping Services.

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

ND: not detectable at testing limit

mg/L: milligrams per liter or parts per million (ppm)

ug/L: micrograms per liter or parts per billion (ppb)

pCi/L: picocuries per liter (a measure of radiation)

NTU: Nephelometric Turbidity Units

umhos/cm: micro mhos per centimeter

The sources of drinking water: (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 6 and 7 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Water Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in last sample set)	Sample Date	90th percentile level detected	No. Sites Exceeding AL	AL	PHG	Typical Sources of Contaminant
Copper (mg/L)	6 (2018)	0.20	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (mg/L)	(2018)	47	42 - 51	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2018)	348	315 - 390	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Aluminum (mg/L)	(2015 - 2018)	ND	ND - 0.07	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Fluoride (mg/L)	(2018)	3.1	0.5 - 15.5	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.

Hexavalent Chromium (ug/L)	(2014 - 2018)	ND	ND - 1.0		0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Nitrate as N (mg/L)	(2019)	6.3	5.2 - 7.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2018)	5.8	2.3 - 8.1	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2015 - 2018)	3.66	1.87 - 5.21	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2015 - 2018)	3.15	1.30 - 4.88	20	0.43	Erosion of natural deposits

Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Chloride (mg/L)	(2018)	72	60 - 90	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ug/L)	(2018 - 2019)	838	ND - 2820	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2018)	37	ND - 220	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2018)	1	ND - 4	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2018)	876	845 - 915	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2018)	91.6	88.3 - 93.7	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2018)	490	450 - 520	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2018)	1.8	0.2 - 4.5	5	n/a	Soil runoff

Table 5 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2018)	0.2	0.1 - 0.2	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Vanadium (mg/L)	(2015 - 2018)	ND	ND - 0.003	0.05	Vanadium exposures resulted in developmental and reproductive effects in rats.

Table 6 - ADDITIONAL DETECTIONS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Calcium (mg/L)	(2018)	85	75 - 97	n/a	n/a
Magnesium (mg/L)	(2018)	33	31 - 36	n/a	n/a
pH (units)	(2018)	7.4	6.8 - 7.6	n/a	n/a
Alkalinity (mg/L)	(2018)	218	190 - 230	n/a	n/a
Aggressiveness Index	(2018)	12	11.5 - 12.3	n/a	n/a
Langelier Index	(2018)	0.2	-0.3 - 0.4	n/a	n/a

Table 7 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE							
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Violation	Typical Sources of Contaminant
Total Trihalomethanes (TTHMs) (ug/L)	(2018)	18	n/a	80	n/a	No	By-product of drinking water disinfection
Chlorine (mg/L)	(2018)	0.51	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.
Haloacetic Acids (five) (ug/L)	(2018)	2	n/a	60	n/a	No	By-product of drinking water disinfection

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead Specific Language for Community Water Systems: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. *SPV Water Company* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/lead>.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL,MRDL,AL,TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	Explanation	Duration	Actions Taken To Correct the Violation	Health Effects Language
Fluoride				Some people who drink water containing fluoride in excess of the federal MCL of 4 mg/L over many years may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the state MCL of 2 mg/L may get mottled teeth.

Iron				Iron was found at levels that exceed the secondary MCL. The Iron MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Manganese				Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Odor Threshold at 60 °C				Odor was found at levels that exceed the secondary MCL. The Odor MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

About your Nitrate as N: Nitrate above 5 mg/L as nitrogen (50 percent of the MCL), but below 10 mg/L as nitrogen (the MCL); Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

2019 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 02 of the SPV WATER CO INC water system in July, 2002. A source water assessment is not yet completed for the WELL 01A(a.k.a.Well 03) and WELL 04 of the SPV WATER CO INC water system.

- Well 01 - Well 1 is SPV's original well. Unknown problems caused the well to be taken out of service in 2005. The well was rehabilitated and after meeting all water quality tests was put back in service June 20, 2018.
Well # 1 is at Euler Rd Well Head Elevation 2,713
Drilled 5/5/17 Well # 1 is Operational
Slots at 240 Well # 1 is 450 feet deep Orig/12/3/12
5 HP 1/14/20 Well # 1 pump is 420 feet deep 2017
Pump & motor Well # 1 air tube is 420 feet deep
4.5" casing Well # 1 water level is 226 / 236 feet deep 12/3/12 5/5/17
- Well 02 - Well # 2 is at Caprock Rd Well Head Elevation 2,762
Well # 2 is operational. new meter
10 HP Well # 2 is 750 feet deep 11/8/2015
Pump & motor Well # 2 pump is 700 feet deep 53487343
Well # 2 upper air tube is 460 feet deep 1540578656
Well # 2 lower air tube is 700 feet deep
Well # 2 static water level 224.24 feet deep 1/19/2009
- Well 04 - Well # 4 is at Caprock Rd Well Head Elevation 2,762
Rehabed Well # 4 is operational. new meter
new pump & motor Well # 4 is 500 feet deep 11/8/2015
in serv 10/2014 Well # 4 pump is 460 feet deep 60921893
5 HP Well # 4 air tube is 460 feet deep 1540514986
Pump & motor Well # 4 static water level 224 feet deep 6/9/2010
- Well 1A - (AKA Well 03) currently does not have a Source Water Assessment on file. SPV Water Company has contacted Los Angeles County to conduct a Source Water Assessment of this well.

Discussion of Vulnerability

Well 2 is buried in approximately 3 feet of fill and is not enclosed within a structure or fence. Well 2 is surrounded mainly by 2 acre residential lots which are served by on-site sewage disposal systems. Due north of Well 2 is a recently established winery which is served by a newly constructed well. Los Angeles County Environmental Health oversees both the installation of septic systems and water well in this region. Setbacks between septic systems and other potential contaminations sources are enforced by this office.

The Sierra Pelona Basin is known to have elevated levels of naturally occurring nitrates per some previous studies. The nitrate levels for this water system fluctuates below and above half the maximum contaminant level of 45 ppm. Los Angeles County Environmental Health monitors this water system quarterly for nitrates. Records indicate the installation of a 50 foot sanitary seal. The water system is operating in good condition at this time. There has been no violation to Title 22 monitoring requirements at this time.

Acquiring Information

A copy of the complete assessment may be viewed at:
Los Angeles County Environmental Health
5050 Commerce Place
Baldwin Park, CA 91706

You may request a summary of the assessment be sent to you by contacting:
Russ Johnson
Chief Environmental Health Specialist
(626) 430-5380
(626) 813-3016 (fax)

