Spring Street Analytical
350 Spring Street
Klamath Falls, OR 97601
541-882-6286

January 13, 2020

Please find enclosed your prepared Consumer Confidence Report for 2019.

We would like you to do the following:

1. Review this report and call us if there are any changes.

2. **Please sign** and make copies to send to the State Health Dept. along with the enclosed CCR Certification form and make copies to send out to your consumers.

DHS-Drinking Water Program
CCR Coordinator
PO Box 14350
Portland, OR 97293-0350

Sincerely,

Maurene Ehlers, Lab Director
Spring Street Analytical

Oregon Health Authority	**CCR CERTIFICATION FORM** OHA Drinking Water Services	Submit to OHA-DWS at Time of CCR Delivery or No Later than October 1 see footnote

Community Water System Name: _____

PWS I.D. No: _____ For calendar year: _____

The community water system named above hereby confirms that its Consumer Confidence Report has been distributed 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 primacy agency.

CCR Certified by – Name: _____

Title: _____ Phone No: _____ Date CCR certified: _____

Date CCR distributed to customers: _____

CCR Delivery Certification: (check all items below that apply)

☐ Paper CCR was distributed to each customer by mail or other direct delivery method.

☐ Electronic delivery. Check box below and describe how customers may request a paper copy: _____

_____

- ☐ Notification (☐ mail or ☐ email-check all that apply) that CCR is available on website. Specify URL (web address): _____
- ☐ CCR sent as an attachment to email (e.g. portable document format-PDF)
- ☐ CCR sent as an embedded image in body of email

☐ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts may include one or more of the following methods, as recommended by OHA-DWS:

- ☐ posting the CCR on a publicly-accessible Internet site at www. _____ (required for systems serving at least 100,000 persons)
- ☐ mailing the CCR to postal patrons within the service area
- ☐ advertising availability of the CCR in news media
- ☐ publication of CCR in local newspaper
- ☐ posting the CCR in public places (locations: _____)
- ☐ delivery of multiple copies to single bill addresses serving several people such as: apartments, businesses, and large private employers
- ☐ delivery to community organizations
- ☐ electronic newsletter or listserv, or notice of availability via social media outlets

Mail form to:	**Fax form to:**	**Email form to:**
OHA-Drinking Water Services P.O. Box 14350 Portland, OR 97293-0350	(971) 673-0694	dwp.dmce@state.or.us

* (If the CCR has been distributed, it is recommended that this form be sent to Drinking Water Services at the same time a copy of the CCR is sent to the program; but by rule, the certification form is due no later than Oct 1 annually.)

Updated Feb 2014

WATER QUALITY/ CONSUMER CONFIDENCE REPORT
For
PINECREST WATER COMPANY
FOR THE YEAR 2019

We are pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We are committed to complying with the Oregon Health Division requirements to supply the Pinecrest Water Company users with safe drinking water.

General Water System Information:

Public Water System: Pinecrest Water Company
Public Water System ID#: OR 41-01128
Phone Number: (541)891-6944
Contact Person: Michael Ward
Number of Connections: 47
Source Water Assessment: Yes

Source Information:

The water system draws its drinking water from groundwater at an onsite well. A source water assessment, per EPA requirements, has been compiled by the State Drinking Water Program. Pinecrest Water Company Association is also regulated by the US Public Health Department. It contains detailed information about the water system's source, including potential sources of contamination. The source water assessment may be available for review upon request. If you have any questions about this report or concerning your water quality, please contact Pinecrest Water Company at the number listed above.

Pinecrest Water Company routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2019. As water travels over the land or underground, it can pick up substances, or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least some small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we have provided the following definitions:

Non-Detects (ND) = Laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) = One part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter = One part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) = One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in $10,000,000,000.

Parts per quadrillion(ppq) or Picograms per liter(pictograms/l) = One part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in $10,000,000,000,000.

Picocuries per liter (pCi/L) = Ppicocuries per liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) = Measure of radiation absorbed by the body.

Million fibers per Liter (MFL) = Million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) = Nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Variances & Exemptions (V&E) = State or EPA permission not to meet an MCL or a treatment technique under certain conditions. **(Only systems with a variance or exemption are REQUIRED to include this definition. In addition, it is REQUIRED to provide an explanation of the reasons for the variance or exemption, date issued, status or remediation.)**

Action Level = The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment technique (TT) = A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level (MCL) = The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant level Goal (MCLG) = The "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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.

TEST RESULTS

Contaminant	MCLG	MCL	Likely Source of Contamination
Coliform bacteria	0	5% of Monthly Samples	Naturally present in the environment

Coliform bacteria is an indicator organism if found in drinking water that could mean something potentially harmful is in the water. Coliform bacteria are found in nature. Fecal Coliform bacteria are associated with septic and/or animal waste contamination and can cause intestinal problems and health concerns if detected and not treated.

Nitrates are tested annually for all water systems as they are a breakdown of pesticides and fertilizers and are a health risk for young infants, pregnant or nursing women.

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. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline: (800) 426-4791.

Lead is tested every three years for all 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 service lines and home plumbing. Pinecrest Water Co. 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 two 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 www.epa.gov/safewater/lead.

Chemical Monitoring Results:

Contaminant	Testing Date	Level Detected	MCL	Most Likely Source of Contamination
Nitrates	4/22/19	0.183 mg/l	10.0 mg/l	Pesticides and Fertilizers
Lead	2017	0.0013 mg/l	0.015 mg/l	Corrosion of household plumbing systems; natural deposits
Copper	2017	0.0077 mg/l	1.35 mg/l	Corrosion of household plumbing systems; natural deposits
Inorganic Compounds	N/A			Pesticides, fertilizers and naturally occurring in the groundwater or soil from erosion
Volatile Organics	5/20/19	See attached list		Gasoline & gasoline additives
Synthetic Organics	5/20/19	See attached list		Pesticides, herbicides, insecticides, & fertilizers
Combined Radium 228/226	N/A		5 pCi/l	Radioactivity in water, naturally occurring
Uranium	N/A		0.03 mg/l	Radioactivity in water, naturally occurring
Gross Alpha	N/A		15.0 pCi/l	Radioactivity in water, naturally occurring
TTHM	8/20/19	0.0044500 mg/l	0.080 mg/l	Residual from disinfection by-products
HAA	8/20/19	ND	0.060 mg/l	Residual from disinfection by-products
Arsenic	N/A		0.010 mg/l	Naturally occurring element found in earth crust that can dissolve as water passes through

Pinecrest Water Company confirms that this Consumer Confidence Report has been distributed to its consumers and appropriate notices of availability have been given. Furthermore, the Pinecrest Water Company certifies that the information contained in the

report is correct and consistent with the compliance monitoring data previously submitted to the primary agency.

If you have any questions regarding these analyses or the Consumer Confidence Report, please contact Pinecrest Water Co. 541-891-6944

Pinecrest Water Company works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Approved by:

Pinecrest Water Company

Maurene Ehlers

Compiled and Submitted by:
Maurene Ehlers
Spring Street Analytical
350 S. Spring St.
Klamath Falls, OR 97601
1/14/20

report is correct and consistent with the compliance monitoring data previously submitted to the primary agency.

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Oregon Public Health
Drinking Water Data Online

Introduction :: Data Search Options :: WS Name Look Up :: WS ID Look Up :: DWS Home :: DWS Rules :: Quick Data Links

ND = Not Detected at the Minimum Reporting Level
Spreadsheet

Latest Chemical Results - PWS ID: 01128 — PINECREST WATER COMPANY

Sample ID	Sample Date	Receive Date	Chemical	Source ID	Results	Current MCL	UOM
1908097301A-D	08/20/2019	09/04/2019	TTHM	DIST-A	0.0044500	0.0800000	MG/L
1908097301B-D	08/20/2019	09/04/2019	TOTAL HALOACETIC ACIDS (HAA5)	DIST-A	ND	0.0600000	MG/L
1905085801-S	05/20/2019	06/10/2019	1,2-DIBROMO-3-CHLOROPROPANE	EP-A	ND	0.0002000	MG/L
1905085801-S	05/20/2019	06/10/2019	2,4,5-TP	EP-A	ND	0.0500000	MG/L
1905085801-S	05/20/2019	06/10/2019	2,4-D	EP-A	ND	0.0700000	MG/L
1905085801-S	05/20/2019	06/10/2019	ATRAZINE	EP-A	ND	0.0030000	MG/L
1905085801-S	05/20/2019	06/10/2019	BENZO(A)PYRENE	EP-A	ND	0.0002000	MG/L
1905085801-S	05/20/2019	06/10/2019	BHC-GAMMA	EP-A	ND	0.0002000	MG/L
1905085801-S	05/20/2019	06/10/2019	CARBOFURAN	EP-A	ND	0.0400000	MG/L
1905085801-S	05/20/2019	06/10/2019	CHLORDANE	EP-A	ND	0.0020000	MG/L
1905085801-S	05/20/2019	06/10/2019	DALAPON	EP-A	ND	0.2000000	MG/L
1905085801-S	05/20/2019	06/10/2019	DI(2-ETHYLHEXYL) ADIPATE	EP-A	ND	0.4000000	MG/L
1905085801-S	05/20/2019	06/10/2019	DI(2-ETHYLHEXYL) PHTHALATE	EP-A	ND	0.0060000	MG/L
1905085801-S	05/20/2019	06/10/2019	DINOSEB	EP-A	ND	0.0070000	MG/L
1905085801-S	05/20/2019	06/10/2019	DIQUAT	EP-A	ND	0.0200000	MG/L
1905085801-S	05/20/2019	06/10/2019	ENDOTHALL	EP-A	ND	0.1000000	MG/L
1905085801-S	05/20/2019	06/10/2019	ENDRIN	EP-A	ND	0.0020000	MG/L
1905085801-S	05/20/2019	06/10/2019	ETHYLENE DIBROMIDE	EP-A	ND	0.0000500	MG/L
1905085801-S	05/20/2019	06/10/2019	GLYPHOSATE	EP-A	ND	0.7000000	MG/L
1905085801-S	05/20/2019	06/10/2019	HEPTACHLOR	EP-A	ND	0.0004000	MG/L
1905085801-S	05/20/2019	06/10/2019	HEPTACHLOR EPOXIDE	EP-A	ND	0.0002000	MG/L
1905085801-S	05/20/2019	06/10/2019	HEXACHLOROBENZENE	EP-A	ND	0.0010000	MG/L
1905085801-S	05/20/2019	06/10/2019	HEXACHLOROCYCLOPENTADIENE	EP-A	ND	0.0500000	MG/L
1905085801-S	05/20/2019	06/10/2019	LASSO	EP-A	ND	0.0020000	MG/L
1905085801-S	05/20/2019	06/10/2019	METHOXYCHLOR	EP-A	ND	0.0400000	MG/L
1905085801-S	05/20/2019	06/10/2019	OXAMYL	EP-A	ND	0.2000000	MG/L
1905085801-S	05/20/2019	06/10/2019	PENTACHLOROPHENOL	EP-A	ND	0.0010000	MG/L
1905085801-S	05/20/2019	06/10/2019	PICLORAM	EP-A	ND	0.5000000	MG/L
1905085801-S	05/20/2019	06/10/2019	SIMAZINE	EP-A	ND	0.0040000	MG/L
1905085801-S	05/20/2019	06/10/2019	TOTAL POLYCHLORINATED BIPHENYLS (PCB)	EP-A	ND	0.0005000	MG/L
1905085801-S	05/20/2019	06/10/2019	TOXAPHENE	EP-A	ND	0.0030000	MG/L
1905085801-V	05/20/2019	06/10/2019	1,1,1-TRICHLOROETHANE	EP-A	ND	0.2000000	MG/L
1905085801-V	05/20/2019	06/10/2019	1,1,2-TRICHLOROETHANE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	1,1-DICHLOROETHYLENE	EP-A	ND	0.0070000	MG/L
1905085801-V	05/20/2019	06/10/2019	1,2,4-TRICHLOROBENZENE	EP-A	ND	0.0700000	MG/L
1905085801-V	05/20/2019	06/10/2019	1,2-DICHLOROETHANE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	1,2-DICHLOROPROPANE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	BENZENE	EP-A	ND	0.0050000	MG/L

1905085801-V	05/20/2019	06/10/2019	RBON TETRACHLORIDE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	CHLOROBENZENE	EP-A	ND	0.1000000	MG/L
1905085801-V	05/20/2019	06/10/2019	CIS-1,2-DICHLOROETHYLENE	EP-A	ND	0.0700000	MG/L
1905085801-V	05/20/2019	06/10/2019	DICHLOROMETHANE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	ETHYLBENZENE	EP-A	ND	0.7000000	MG/L
1905085801-V	05/20/2019	06/10/2019	O-DICHLOROBENZENE	EP-A	ND	0.6000000	MG/L
1905085801-V	05/20/2019	06/10/2019	P-DICHLOROBENZENE	EP-A	ND	0.0750000	MG/L
1905085801-V	05/20/2019	06/10/2019	STYRENE	EP-A	ND	0.1000000	MG/L
1905085801-V	05/20/2019	06/10/2019	TETRACHLOROETHYLENE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	TOLUENE	EP-A	ND	1.0000000	MG/L
1905085801-V	05/20/2019	06/10/2019	TRANS-1,2-DICHLOROETHYLENE	EP-A	ND	0.1000000	MG/L
1905085801-V	05/20/2019	06/10/2019	TRICHLOROETHYLENE	EP-A	ND	0.0050000	MG/L
1905085801-V	05/20/2019	06/10/2019	VINYL CHLORIDE	EP-A	ND	0.0020000	MG/L
1905085801-V	05/20/2019	06/10/2019	XYLENES, TOTAL	EP-A	ND	10.000000	MG/L
N19-114-I	04/22/2019	04/26/2019	NITRATE	EP-A	0.2140000	10.000000	MG/L
N18-443-I	11/02/2018	11/15/2018	NITRATE	EP-A	0.1830000	10.000000	MG/L
N17497-I	11/20/2017	11/27/2017	NITRATE	EP-A	0.1800000	10.000000	MG/L
1707C5105A	07/28/2017	08/07/2017	COPPER	DIST-A	0.0084400	1.3000000	MG/L
1707C5105A	07/28/2017	08/07/2017	LEAD	DIST-A	0.0001230	0.0150000	MG/L
1707C5101A	07/27/2017	08/07/2017	COPPER	DIST-A	0.0060400	1.3000000	MG/L
1707C5101A	07/27/2017	08/07/2017	LEAD	DIST-A	0.0017800	0.0150000	MG/L
1707C5102A	07/27/2017	08/07/2017	COPPER	DIST-A	0.0027300	1.3000000	MG/L
1707C5102A	07/27/2017	08/07/2017	LEAD	DIST-A	0.0001500	0.0150000	MG/L
1707C5103A	07/27/2017	08/07/2017	COPPER	DIST-A	0.0015300	1.3000000	MG/L
1707C5103A	07/27/2017	08/07/2017	LEAD	DIST-A	0.0007570	0.0150000	MG/L
1707C5104A	07/27/2017	08/07/2017	COPPER	DIST-A	0.0070000	1.3000000	MG/L
1707C5104A	07/27/2017	08/07/2017	LEAD	DIST-A	0.0001580	0.0150000	MG/L
201610040639-R	09/27/2016	10/26/2016	COMBINED RADIUM (-226 & -228)	EP-A	ND	5.0000000	PCI/L
201610040639-R	09/27/2016	10/26/2016	GROSS ALPHA, EXCL. RADON & U	EP-A	ND	15.000000	PCI/L
N16371-I	09/27/2016	09/29/2016	NITRATE	EP-A	0.1000000	10.000000	MG/L
1609A1101A-D	09/22/2016	10/05/2016	TTHM	DIST-A	ND	0.0800000	MG/L
1609A1101B-D	09/22/2016	10/05/2016	TOTAL HALOACETIC ACIDS (HAA5)	DIST-A	ND	0.0600000	MG/L
160904301A-S	09/01/2016	09/26/2016	1,2-DIBROMO-3-CHLOROPROPANE	EP-A	ND	0.0002000	MG/L
160904301A-S	09/01/2016	09/26/2016	2,4,5-TP	EP-A	ND	0.0500000	MG/L
160904301A-S	09/01/2016	09/26/2016	2,4-D	EP-A	ND	0.0700000	MG/L
160904301A-S	09/01/2016	09/26/2016	ATRAZINE	EP-A	ND	0.0030000	MG/L
160904301A-S	09/01/2016	09/26/2016	BENZO(A)PYRENE	EP-A	ND	0.0002000	MG/L
160904301A-S	09/01/2016	09/26/2016	BHC-GAMMA	EP-A	ND	0.0002000	MG/L
160904301A-S	09/01/2016	09/26/2016	CARBOFURAN	EP-A	ND	0.0400000	MG/L
160904301A-S	09/01/2016	09/26/2016	CHLORDANE	EP-A	ND	0.0020000	MG/L
160904301A-S	09/01/2016	09/26/2016	DALAPON	EP-A	ND	0.2000000	MG/L
160904301A-S	09/01/2016	09/26/2016	DI(2-ETHYLHEXYL) ADIPATE	EP-A	ND	0.4000000	MG/L
160904301A-S	09/01/2016	09/26/2016	DI(2-ETHYLHEXYL) PHTHALATE	EP-A	ND	0.0060000	MG/L
160904301A-S	09/01/2016	09/26/2016	DINOSEB	EP-A	ND	0.0070000	MG/L
160904301A-S	09/01/2016	09/26/2016	DIQUAT	EP-A	ND	0.0200000	MG/L
160904301A-S	09/01/2016	09/26/2016	ENDOTHALL	EP-A	ND	0.1000000	MG/L
160904301A-S	09/01/2016	09/26/2016	ENDRIN	EP-A	ND	0.0020000	MG/L