Monitoring Summary for RED SALMON CANNERY

Public water system ID#AK2261478 **Population: 450** **April 11, 2025**

Non community water system, Ground water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 5 years	07/11/2024	2029
DS ENTITY (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	07/10/2024	Monthly during operation
TP FOR RED SALMON CANNERY (Facility ID:TP001)					
	NITRATE	SPTP001	1 sample(s) annually	07/10/2024	2025

Compliance Schedules		
Schedule/Action	**Due**	**Comments**
Sanitary Survey Corrective Actions		
CORRECTIVE ACTIONS	05/31/2025	The drain line for the 5,000-gallon storage tanks does not have a screen or an appropriate airgap (Figure 25). The drain line should be screened, and its terminus should be two times the diameter of the line above the ground to prevent contaminants from entering the line. In addition, the drain line hose should be disconnected and stored off the ground when not in use.
CORRECTIVE ACTIONS	05/31/2025	The hose bibs in the boat yard do not have backflow prevention devices (Figure 34). Atmospheric vacuum breakers must be installed on every hose bib to protect the system from a backflow event. Additionally, it is recommended to disconnect hoses when not in use.
CORRECTIVE ACTIONS	05/31/2025	The backwash lines for the three filters are plumbed together into one line that drains outside (figure 10). This is not adequate for cross-connection prevention. Each filter must each have its own individual air gap, and each air gap terminus must be two times the diameter of the line above the receiving vessel to prevent contaminants from entering the water system.
CORRECTIVE ACTIONS	05/31/2025	The system utilizes a reduced pressure zone (RPZ) backflow preventer at the well source to isolate the drinking water system from the production water system. This RPZ has not been tested since May of 2019. The Uniform Plumbing Code states that backflow prevention assemblies are to be tested at the time of installation, repair, or relocation, and annually thereafter by a certified tester. An annual inspection and maintenance schedule must be developed and adhered to, and records of testing must be kept.

CORRECTIVE ACTIONS	05/31/2025	Since the last sanitary survey, an additional storage tank was plumbed into the system to provide extra water storage. This addition was not approved by the DEC. Please provide the product information for the tank and connecting piping to confirm that the components are certified to the appropriate NSF standards for drinking water.
CORRECTIVE ACTIONS	05/31/2025	There is a small hole in the top of the sanitary seal of the well where the air hose exits the well cap (Figure 3). The hole allows for possible contaminants to enter the system. The hole must be sealed so the well cap is watertight.
Seasonal Start Up		
RTCR-SEASONAL START-UP PROCEDURES	05/15/2025	Complete start up procedures BEFORE serving water to the public.
RTCR-SUBMIT SEASONAL START-UP CERT FORM	05/25/2025	Submit Seasonal Start-up Certification form to DEC within 10 days of serving water to public. Electronic form is located on DEC website: https://dec.alaska.gov/eh/dw/rtcr

**NSF = No sample found

1) Periods are three years in length. The current period is 1/1/2023 - 12/31/2025 and the next period will be 1/1/2026 - 12/31/2028. Cycles are nine years in length. The current cycle is from 1/1/2020 - 12/31/2028 and the next cycle is 1/1/2029 - 12/31/2037.
2) Periods for radionuclides (gross alpha, radium 226/228, and uranium) are three or six years in length. The current 6 year period is 01/01/2020 - 12/31/2025, the next 6 year period will be 01/01/2026 - 12/31/2031. Cycles for radionuclides are nine years in length. The current cycle is from 01/01/2017 - 12/31/2025 and the next cycle is 01/01/2026 - 12/31/2034.
3) WL (well) or TP (treatment plant) is the entry point to the distribution system, except for raw water samples and WL (well) is the raw water tap. DS (distribution system) is the home and buildings that receive water from a piped water system.
4) Water quality parameters are tested in order to conduct a corrosion control study. Please contact your engineer, health corporation, or certified laboratories for assistance.
5) Lead/Copper samples on an annual or 3 year schedule should be collected in month of warmest water temperature.
6) Water systems with multiple water sources that do not combine before entering the distribution must take one sample from each entry point to the distribution and may do a composite sample according to 18AAC80.325(17), 18AAC80.315(4).
7) SOC waiver renewal forms are due every three year period. SOC waiver, new and renewal, forms can be found at http://dec.alaska.gov/eh/dw/soc/.
8) Each public water system is required to have a water operator (or operators) certified at or above the drinking water treatment and drinking water distribution level assigned to the system. To check on current level of certification for your water operator please see the Alaska Certified Water/Wastewater Operator Database maintained by the Division of Water: https://dec.alaska.gov/Applications/Water/OpCert/Home.aspx?p=OperatorSearch. If you have questions regarding the water system level or the operator certification level please contact Operator Certification at 907-465-1139 or at dec.water.fco.opcert@alaska.gov.

Monitoring Summaries reflect sample results the Drinking Water Program has record of at the time the summary is drafted (see date at top of summary). If information appears incorrect or is inconsistent with previous monitoring summaries please contact DW staff. Monitoring summaries are part of the DW Program's compliance assistance efforts to summarize requirements to help water systems stay in compliance. However, they do not cover all items that may be required of a Public Water System (PWS), nor does it supersede the regulation requirement as outlined in the Code of Federal Regulations or the Alaska Administrative Code. The PWS owner/operator is required to understand or seek assistance in understanding what regulations apply to their PWS.

Monitoring summary completed by Karis Barnes, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-8204 or Email: karis.barnes@alaska.gov Fax: .

Sincerely,

Karis Barnes
Environmental Program Specialist