

# Monitoring Summary for CHIGNIK LAKE WATER SYSTEM

Public water system ID#AK2261096

Population: 200

March 18, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	10/05/2023	2026
<b>DS CHIGNIK LAKE WATER SYSTEM (Facility ID:DS001)</b>				
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 10 sample(s) per set	06/26/2019	Overdue; Collect ASAP
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	10/11/2023	Overdue; Collect ASAP
<b>WL CHIGNIK LAKE WATER SYSTEM (Facility ID:WL001)</b>				
SOC	SPWL001	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPWL001	1 sample(s) annually	06/02/2020	Overdue; Collect ASAP
VOC	SPWL001	1 sample(s) per 3 year period	06/02/2020	Between 2023 and 2025
ARSENIC - SINGLE	SPWL001	1 sample(s) per 9 year cycle	06/24/2011	Between 2020 and 2028
INORGANICS	SPWL001	1 sample(s) per 9 year cycle	04/16/2012	Between 2020 and 2028
RADIUM 226 AND 228	SPWL001	1 sample(s) per 9 year cycle	03/20/2013	Between 2017 and 2025
TOTAL GROSS ALPHA	SPWL001	1 sample(s) per 9 year cycle	06/26/2019	Between 2026 and 2034

## Stage 2 Sampling Detail Information - Sample frequency listed in requirements above

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
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## Operator Report

Requirement	Location	Sampling Frequency	Last Report
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## Compliance Schedules

Schedule/Action	Due	Comments
<b>LCSP</b>		
LCR- SUBMIT LEAD/COPPER SAMPLE POOL	04/01/2022	Provide Lead and Copper Sample Siting Plan.
<b>Lead/Copper Exceedance Schedule</b>		
PBCU EXC SCHED - FLW UP PBCU SAMPLING		Please contact EPS to discuss next steps
PBCU EXC SCHED - INSTALL OCCT		Please contact EPS to discuss next steps
PBCU EXC SCHED - ST DESIGNATE OPT WQP		Please contact EPS to discuss next steps
PBCU EXC SCHED - STATE DESIGNATE OCCT		Please contact EPS to discuss next steps
PBCU EXC SCHED - TT REC/DESK TOP STUDY	06/30/2013	Exceeded Lead and Copper Action Levels: Required to complete desktop evaluation and submit treatment technique recommendation

LCRR		
SUBMIT DRAFT LSL INVENTORY	04/24/2024	Submit Draft of Lead Service Line Inventory for more information visit DW LCRR website <a href="https://dec.alaska.gov/eh/dw/lcrr/">https://dec.alaska.gov/eh/dw/lcrr/</a>
COMPLETE INITIAL LSL INVENTORY	10/16/2024	
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2024	
CCR - CERTIFICATION PAGE	09/30/2024	
Boil Water Notice		
BWN-CLOSED BWN		Contact EPS when PSI is consistently above 20 PSI with new pump. PWS will need to take 3 Special TC samples with satisfactory results.
Sanitary Survey Corrective Actions		
CONSULT DEC - SIG DEFICIENCY (GW)	03/21/2024	PWS must consult with DEC within 30 days to discuss deficiencies.
CORRECTIVE ACTIONS	06/21/2024	There are no bolts securing the sanitary seal to the well head and there is no gasket. The electrical wiring enters the well through a junction box on the side of the casing. There are loose wires and a 2' hole in the well casing that isn't sealed. The sanitary seal should have a gasket and be bolted to the well head and the electrical conduit must be sealed in a manner that is watertight and does not allow pests or contaminants into the well.
CORRECTIVE ACTIONS	06/21/2024	The water system was modified without approval from ADEC. A pressure tank was added to boost water pressure to part of the distribution system. The system must go through the plan review process with DEC engineering to get approval for these changes. Contact Chris Pletnikoff at 907-269-6064 or <a href="mailto:chris.pletnikoff@alaska.gov">chris.pletnikoff@alaska.gov</a> to begin the plan review process.

Public Notice Schedules			
PN Action	PN Due	Certification Due	Comments

\*\*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](mailto: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 Kristine Crippen, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-269-7521 or 1-866-956-7656 Email: [kristine.crippen@alaska.gov](mailto:kristine.crippen@alaska.gov) Fax: (907) 269-7650.

Sincerely,

Kristine Crippen  
Environmental Program Specialist