

# Monitoring Summary for DENALI - MAIN / FRONT COUNTRY

Public water system ID#AK2390594

Population: 4741

March 19, 2024

Non-transient non-community, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years	09/01/2021	2026
<b>DS DENALI - MAIN (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	5 sample(s) monthly	03/06/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 10 sample(s) per set	11/20/2023	This year January - June & July - December
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	03/06/2024	Monthly, according to Sample Siting Plan
TTHM & HAA5 (DBP2)	SPDS1DBP2-3	1 sample(s) annually	07/11/2023	See stage 2 sampling detail information below
<b>TP FOR DENALI - MAIN (Facility ID:TP001)</b>				
SOC	SPTP001		05/17/1992	Submit SOC waiver renewal application by Sept 30, 2024
ARSENIC - SINGLE	SPTP001	1 sample(s) annually	07/10/2023	2024
INORGANICS	SPTP001	1 sample(s) annually	07/10/2023	2024
NITRATE	SPTP001	1 sample(s) annually	07/10/2023	2024 sample must arrive to lab on ice
VOC	SPTP001	1 sample(s) annually	07/10/2023	2024

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-3	G (MERCANTILE)	1	July 2024

## Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 sample every day filtering	01/01/2024	Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month).
CHLORINE	Distribution System	Same time/place as routine TCR sample	03/01/2024	
CHLORINE	Entry Point	1 sample every day	01/01/2024	

## Compliance Schedules

Schedule/Action	Due	Comments
<b>Sanitary Survey Corrective Actions</b>		
CORRECTIVE ACTIONS	05/07/2016	Overdue: The outside tap at the WAC building needs to have backflow prevention installed. Corrective action plan rec'd 12/1/2015 MLI.

Lead/Copper Exceedance Schedule		
PBCU EXC SCHED – REPLACE FIXTURES/PIPES		Overdue: System may choose to replace faucets, pipes, or other plumbing fixtures as an alternate activity equivalent to the corrosion control steps. If system chooses to do so, a letter describing the suggested plan to reduce lead and/or copper levels will need to be submitted to DEC.
PBCU EXC SCHED - FLW UP PBCU SAMPLING		DUE DATE TO BE DETERMINED - The system shall complete follow-up sampling for first draw lead and copper (§ 141.86(d) (2) and water quality parameters § 141.87(c)) within 36 months after the State designates optimal corrosion control treatment.
PBCU EXC SCHED - INSTALL OCCT		REQUIREMENT TO BE DETERMINED - The system shall install optimal corrosion control treatment (§ 141.82(e)) within 24 months after the State designates such treatment.
PBCU EXC SCHED - TT REC/DESK TOP STUDY		REQUIREMENT TO BE DETERMINED
PBCU EXC SCHED - WQP TESTING	12/31/2019	OVERDUE: Within the same monitoring period that the lead action level was exceeded WQP testing is required. WQP testing includes pH, alkalinity, calcium, conductivity, and temperature.
PBCU EXC SCHED - SOU WATER TESTING	06/30/2020	OVERDUE: One sample must be taken at each EPTDS within 6 months after the end of the monitoring period in which the lead action level was exceeded.
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	03/05/2022	OVERDUE: The storage tank's overflow line lacks an appropriate air gap (photo log Fig. 24). A permanent air gap of at least two times the diameter of the overflow line must be established and maintained at all times.
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>
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	

\*\*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 Mike Sharp, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2178 or 1-800-770-2137 Email: [mike.sharp@alaska.gov](mailto:mike.sharp@alaska.gov) Fax: (907) 451-2188.

Sincerely,

Mike Sharp  
Environmental Program Specialist