

# Monitoring Summary for DENALI PRESCHOOL & LEARNING CENTER

Public water system ID#AK2391061

Population: 37

March 19, 2024

Non-transient non-community, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years	11/01/2023	2028
<b>DS DENALI PRESCHOOL &amp; LEARNING CENTER (Facility ID:DS001)</b>				
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 4 sample(s) per set	12/14/2023	This year January - June & July - December
COLIFORM (TCR)	SPDS001TCR	1 sample(s) quarterly	11/10/2023	Quarterly, according to Sample Siting Plan
<b>TP DENALI PRESCHOOL &amp; LEARNING CENTER (Facility ID:TP001)</b>				
SOC	SPTP001			Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	09/08/2023	2024 sample must arrive to lab on ice
VOC	SPTP001	1 sample(s) annually	09/08/2023	2024
INORGANICS	SPTP001	1 sample(s) per 3 year period	09/14/2022	Between 2023 and 2025
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	09/14/2022	Between 2029 and 2037

## Compliance Schedules

Schedule/Action	Due	Comments
<b>LCRR</b>		
COMPLETE INITIAL LSL INVENTORY	10/16/2024	LSLI draft submitted via EXCEL 12/13/2023. Awaiting DEC review.

### Lead/Copper Exceedance Schedule

PBCU EXC SCHED – REPLACE FIXTURES/PIPES		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 - CORR CONTROL STUDY		REQUIREMENT TO BE DETERMINED - Within 12 months after the end of the monitoring period during which a system exceeds the lead or copper action level, the State may require the system to perform corrosion control studies (§ 141.82(b)). If the State requires a system to perform corrosion control studies, the system shall complete the studies (§ 141.82(c)) within 18 months after the State requires that such studies be conducted.
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 - SOU WATER TESTING	06/30/2024	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.
PBCU EXC SCHED – REPLACEMENT FLWUP SAMPL	06/30/2024	

### Sanitary Survey Corrective Actions

CONSULT DEC - SIG DEFICIENCY (GW)	04/17/2024	System representative must contact DEC to discuss corrective action plan for the significant deficiency.
CORRECTIVE ACTIONS	07/16/2024	Concrete pad around the well casing was badly damaged and was separating from the ground and the well, creating a drainage issue. The pad must be removed and the ground must be graded to allow water to flow away from the well freely.

\*\*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