

Monitoring Summary for LKSD NIGHTMUTE HS & ELEM

Public water system ID#AK2271261

Population: 259

May 5, 2025

Non-transient non-community, Ground water under the influence of surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years	09/23/2021	2026
DS DISTRIBUTION SYSTEM (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	04/30/2025	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	10/29/2019	Overdue; Collect ASAP
TP TREATMENT PLANT (Facility ID:TP001)				
SOC	SPTP001	1 sample(s) quarterly		2023-2025 SOC Waiver Granted
VOC	SPTP001	1 sample(s) annually	10/30/2018	Overdue; Collect ASAP
NITRATE	SPTP001	1 sample(s) annually	01/17/2024	2025
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	11/15/2016	Between 2020 and 2028
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	12/02/2020	Between 2029 and 2037
WL WELL- NIGHTMUTE SCHOOL (Facility ID:WL001)				
E. COLI	SPWL001	2 sample(s) monthly	02/14/2024	Monthly during operation

Operator Report				
Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 samples 31 days per month	01/01/2025	
CHLORINE	Distribution System	Same time/place as routine TCR sample Chlorine residual must be $\geq .01$ mg/L	04/30/2025	
CHLORINE	Entry Point	1 samples 20 days per month. Chlorine residual should be $\geq .8$ mg/L	01/01/2025	

Compliance Schedules		
Schedule/Action	Due	Comments
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	09/30/2023	<p>Darlene plans to accomplish the waiver as part of granting FATO for their renovation project that happened several years ago. Waiting on Stantec for drawings. - Reminded Jeff of the outstanding deficiency and encouraged him to reach out to Roy for as Jeff Harris plans to reach out to Roy Robertson for information on applying for a separation distance waiver. Extending deadline 30 days. -kcs</p> <p>According to the Surveyor, a private sewer line and a 300-gallon holding tank are within 60 feet of the source. The Department has no record of a separation distance waiver for these two potential sources of contamination. Please contact Lead Engineer Roy Robertson at 907-269-7631 for information on applying for a separation distance waiver.</p>

Boil Water Notice

BWN-CLOSED BWN

Contact DEC once frozen line issues are resolved and 3 sp TC samples are taken.

**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 Elizabeth Nakanishi, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-269-7517 or 1-866-956-7656 Email: elizabeth.nakanishi@alaska.gov Fax: 907-269-7650.

Sincerely,

Elizabeth Nakanishi
Environmental Program Specialist