

Monitoring Summary for NORTHERN LIGHTS TERRACE

Public water system ID#AK2224214

Population: 168

March 4, 2025

Community Water System, Ground water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	12/21/2023	2026
COMMON HEADER FOR WELL A & WELL B (Facility ID:CH001)					
	SOC				2023-2025 SOC Waiver Granted
	NITRATE	SPCH001	1 sample(s) annually	01/07/2025	2026
	VOC	SPCH001	1 sample(s) per 3 year period	10/18/2022	Between 2023 and 2025
	ARSENIC - SINGLE	SPCH001	1 sample(s) per 3 year period	12/22/2022	Between 2023 and 2025
	RADIUM 226 AND 228	SPCH001	1 sample(s) per 9 year cycle	10/21/2016	Between 2017 and 2025
	TOTAL GROSS ALPHA	SPCH001	1 sample(s) per 9 year cycle	10/21/2016	Between 2017 and 2025
	INORGANICS	SPCH001	1 sample(s) per 9 year cycle	07/24/2019	Between 2020 and 2028
DS NORTHERN LIGHTS TERRACE (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) quarterly	01/07/2025	Quarterly, according to Sample Siting Plan
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	11/13/2024	2027

Compliance Schedules		
Schedule/Action	Due	Comments
LCSP		
LCR- SUBMIT LEAD/COPPER SAMPLE POOL	12/31/2018	Please submit lead/copper sample pool/site plan prior to collecting next sample set.
Sanitary Survey Corrective Actions		
CORRECTIVE ACTIONS	07/08/2024	Contact DEC Sanitary Survey Group to discuss corrective actions.
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2025	CCR due to customers and DEC by July 1, 2025
CCR - CERTIFICATION PAGE	09/30/2025	CCR Certification due to DEC by October 1, 2025

Lead/Copper Exceedance Schedule

PBCU EXC SCHED - PUBLIC EDUCATION	03/04/2025	Lead Public Education must be provided to consumers within 60 days after the end of the monitoring period in which the exceedance occurred.
PBCU EXC SCHED - TT REC/DESK TOP STUDY	03/31/2025	Letter describing alternative activities equivalent to the corrosion control steps, such as replacement of faucets and other fixtures, due to state for approval.
PBCU EXC SCHED - WQP TESTING	03/31/2025	Within the same monitoring period that the action level was exceeded WQP testing is usually required. Monitoring period ended before sample set received, must sample ASAP (within 30 days). WQP testing includes pH, alkalinity, calcium, conductivity, and temperature.
PBCU EXC SCHED - SOU WATER TESTING	06/30/2025	Source water testing is required within 6 months after the end of the monitoring period in which the lead and/or copper action level was exceeded.

**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 Jessica Cahill, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-376-1824 or Email: jessica.cahill@alaska.gov Fax: (907) 376-2382.

Sincerely,

Jessica Cahill
Environmental Program Specialist