

# Monitoring Summary for FNSB BIRCH HILL WARMUP BUILDING

Public water system ID#AK2312164

Population: 50

March 27, 2024

Non community water system, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years	06/12/2019	2024
<b>DS FNSB / BIRCH HILL (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) quarterly	01/16/2024	Quarterly, according to Sample Siting Plan
<b>WL FNSB / BIRCH HILL (Facility ID:WL001)</b>				
NITRATE	SPWL001	1 sample(s) annually	07/18/2023	2024 sample must arrive to lab on ice

## Compliance Schedules

Schedule/Action	Due	Comments
<b>Sanitary Survey Corrective Actions</b>		
CORRECTIVE ACTIONS	06/30/2024	<p>Rec'd separation distance waiver request 3/7/24. Deadline ext 3/8/24 to 6/30/24 to allow time for internal eng review. The well has unresolved separation distance issues to a septic tank (175 ft.), fuel line (38 ft.), and to a bulk fuel tank (92 ft.). Septic components are required to be 200 feet or greater from the well and fuel components must be 100 feet or greater. Additionally, the well log indicates that the well was drilled in 1984, but does not document the installation of grout. Therefore, placement of grout, which is required, could not be verified. Lastly, an operational approval of this well could not be located in DEC's drinking water files. To address the separation distance issues, you will need to work with an engineer licensed in the state of Alaska to apply for a separation distance waiver. During the waiver process, the well must be evaluated through the engineering process to determine if operational approval of the well can be granted. Contact Drinking Water Program engineer at 907-451-2165 to discuss the waiver process and this requirement in more detail.</p>

\*\*NSF = No sample found

- 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.
- 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.
- 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.
- Water quality parameters are tested in order to conduct a corrosion control study. Please contact your engineer, health corporation, or certified laboratories for assistance.
- Lead/Copper samples on an annual or 3 year schedule should be collected in month of warmest water temperature.
- 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).
- 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