

# Monitoring Summary for NSBU - WAINWRIGHT

Public water system ID#AK2320086

Population: 600

October 1, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	08/12/2023	2026
<b>DS WAINWRIGHT DISTRIBUTION SYSTEM (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	09/04/2024	Monthly, according to Sample Siting Plan
HAA5 (HALOACETIC)	SPDS1DBP2-H	1 sample(s) quarterly	09/03/2024	See stage 2 sampling detail information below
TOTAL TRIHALOMETHANE	SPDS1DBP2-T	1 sample(s) quarterly	09/03/2024	See stage 2 sampling detail information below
LEAD AND COPPER	SPDS001PC	10 sample(s) every 3 years	10/17/2022	2025
<b>SF #1/ 2.0 MG WAINWRIGH/ T-1 TREATED (Facility ID:SF001)</b>				
VOC	SPSF001	1 sample(s) quarterly	09/23/2024	Quarterly
<b>SF #2/ 2.0 MG WAINWRIGHT/ T-2 (Facility ID:SF002)</b>				
VOC	SPSF002	1 sample(s) quarterly	09/09/2024	Quarterly
<b>SF #3/ 3.0 MG WAINWRIGHT/ T-3 (Facility ID:SF003)</b>				
VOC	SPSF003	1 sample(s) quarterly	06/11/2024	Quarterly
<b>SF #4/ 3.0 MG WAINWRIGHT/ T-4 (Facility ID:SF004)</b>				
VOC	SPSF004	1 sample(s) quarterly	05/21/2024	Quarterly
<b>TP FOR MEREKRUAK LAKE (Facility ID:TP001)</b>				
SOC	SPTP001			2023-2025 SOC Waiver Application Received & Under Review
NITRATE	SPTP001	1 sample(s) annually	03/19/2024	2025
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	03/29/2018	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	03/29/2018	Between 2026 and 2034
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	09/14/2020	Between 2029 and 2037
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	09/14/2020	Between 2029 and 2037

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
TTHM	SPDS1DBP2-T	HOUSE #110	1	March, June, September, and December
HAA5	SPDS1DBP2-H	HOUSE #566	1	March, June, September, and December

Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month).

Operator Report			
Requirement	Location	Sampling Frequency	Last Report
TURBIDITY	After Filters	Continuous monitoring; Report 1 sample every 4 hours, on the hour, when filtering	08/01/2024
CHLORINE	Distribution System	Same time/place as routine TCR sample	09/01/2024
CHLORINE	Entry Point	2 samples daily (maintain residual $\geq 0.2$ mg/L when filtering)	08/01/2024

Compliance Schedules		
Schedule/Action	Due	Comments
<b>Sanitary Survey Corrective Actions</b>		
CORRECTIVE ACTION	05/29/2024	OVERDUE: Backflow preventers in the distribution system did not pass their annual test. These must be repaired or replaced and tested. Rec'd email from system on 2/6/24 that the S/N: 4GK4156 BFP passed its inspection. The Watts Model 007M3 (S/N: 14027) and The Watts Model 757 (S/N: UA-1424) BFPs needs to be repaired or replaced and tested. Sent email to system asking for an update. JKR 9/18/24

\*\*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/>.
- 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 Jennifer Roberts, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2137 or 1-866-770-2137 Email: [jenny.roberts@alaska.gov](mailto:jenny.roberts@alaska.gov) Fax: (907) 451-2188.

Sincerely,

Jennifer Roberts  
Environmental Program Specialist