

Monitoring Summary for NUNAM IQUA WATER SYSTEM

Public water system ID#AK2270207

Population: 213

March 11, 2025

Community Water System, Surface water

| Requirement | Sample Point ID | Required Sampling Frequency | Last Sample | Next Sample |
|--|-----------------|------------------------------|-------------|--|
| Sanitary Survey | | Every 3 years | 05/25/2023 | 2026 |
| DS NUNAM IQUA (Facility ID:DS001) | | | | |
| COLIFORM (TCR) | SPDS001TCR | 1 sample(s) monthly | 09/24/2024 | Monthly, according to Sample Siting Plan |
| TTHM & HAA5 (DBP2) | SPDS1DBP2-2 | 2 sample(s) quarterly | 03/27/2024 | See stage 2 sampling detail information below |
| LEAD AND COPPER | SPDS001PC | 5 sample(s) every 3 years | 12/14/2022 | 2025 |
| KWEMELUK RIVER/PASS INTAKE (Facility ID:IN001) | | | | |
| CARBON, TOTAL | SPIN001 | 1 sample(s) monthly | 03/27/2024 | Monthly during operation |
| TOC & ALKALINITY | SPIN001 | 1 sample(s) monthly | 03/27/2024 | Monthly during operation |
| CONVENTIONAL W/ HYPOCHORINATION (Facility ID:TP001) | | | | |
| CARBON, TOTAL | SPTP001 | 1 sample(s) monthly | 03/27/2024 | Monthly during operation |
| SOC | | 1 sample(s) quarterly | 08/22/2006 | 2023-2025 SOC Waiver Application Received & Under Review |
| NITRATE | SPTP001 | 1 sample(s) annually | 03/27/2024 | 2025 |
| VOC | SPTP001 | 1 sample(s) annually | 03/27/2024 | 2025 |
| ARSENIC - SINGLE | SPTP001 | 1 sample(s) per 9 year cycle | 03/28/2011 | Between 2020 and 2028 |
| INORGANICS | SPTP001 | 1 sample(s) per 9 year cycle | 06/26/2012 | Between 2020 and 2028 |
| RADIUM 226 AND 228 | SPTP001 | 1 sample(s) per 9 year cycle | 05/18/2017 | Between 2026 and 2034 |
| TOTAL GROSS ALPHA | SPTP001 | 1 sample(s) per 9 year cycle | 05/18/2017 | Between 2026 and 2034 |

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

| Contaminant | Sample Pt. ID | Location | Sample Count | Sample Dates |
|-------------|---------------|------------------------|--------------|-------------------------------------|
| DBP2 | SPDS1DBP2-2 | HOUSE#3 | 1 | February, May, August, and November |
| DBP2 | SPDS1DBP2-1 | NEW SCHOOL KITCHEN TAP | 1 | February, May, August, and November |

Operator Report

| Requirement | Location | Sampling Frequency | Last Report | |
|-------------|---------------------|---------------------------------------|-------------|--|
| TURBIDITY | After Filters | 6 samples 31 days per month | 01/01/2025 | Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month). |
| CHLORINE | Distribution System | Same time/place as routine TCR sample | 01/01/2025 | |
| CHLORINE | Entry Point | 1 samples 20 days per month | 01/01/2025 | |

Compliance Schedules

| Schedule/Action | Due | Comments |
|-----------------------------------|------------|--|
| PROJ | | |
| PROJ- PROJECT SUMMARY | | Project for Combined Utility Building (CUB) upgrades. The CUB was constructed in 1999, and houses the water treatment, vacuum sewer, and washeteria facilities. The finished floor elevation in the building has shifted, with the southwest corner of the building sinking and the center and northern and eastern sides remaining mostly constant. This movement has developed a differential of up to 10 inches between the lowest corner and the center of the CUB. Final PER evaluated alternatives to stabilize the foundation to prevent failure of the building. |
| PROJ- FUNDING | | \$1,130,000 in funding approved in 2021 |
| Consumer Confidence Report | | |
| CCR - SUBMITTAL | 06/30/2025 | The Consumer Confidence Report is required to be submitted to DEC each year by June 30. Please contact Elizabeth Nakanishi at 269-7517 or elizabeth.nakanishi@alaska.gov if you have any questions or need help completing the report. |
| CCR - CERTIFICATION PAGE | 09/30/2025 | The Consumer Confidence Report Certification is required to be submitted to DEC each year by September 30. Please contact Elizabeth Nakanishi at 269-7517 or elizabeth.nakanishi@alaska.gov if you have any questions or need help completing the CCR Certification. |

**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