

# Monitoring Summary for BUCKLAND WATER SYSTEM

Public water system ID#AK2340125

Population: 600

February 20, 2024

Community Water System, Surface water

| Requirement  | Sample Point ID | Required Sampling Frequency  | Last Sample | Next Sample  |
|--|-----------------|------------------------------|-------------|--|
| Sanitary Survey  |                 | Every 3 years                | 09/13/2022  | 2025   |
| <b>DS BUCKLAND DISTRIBUTION SYSTEM (Facility ID:DS001)</b> |                 |                              |             |  |
| COLIFORM (TCR)   | SPDS001TCR      | 1 sample(s) monthly          | 12/13/2023  | Monthly, according to Sample Siting Plan               |
| HAA5 (HALOACETIC)  | SPDS1DBP2-H     | 1 sample(s) quarterly        | 03/28/2023  | See stage 2 sampling detail information below          |
| TOTAL TRIHALOMETHANE                                       | SPDS1DBP2-T     | 1 sample(s) quarterly        | 03/28/2023  | See stage 2 sampling detail information below          |
| LEAD AND COPPER  | SPDS001PC       | 10 sample(s) every 3 years   | 12/21/2020  | Overdue; Collect ASAP                                  |
| <b>TP FOR BUCKLAND RIVER (Facility ID:TP001)</b>           |                 |                              |             |  |
| SOC  | SPTP001         |                              | 07/13/2005  | Submit SOC waiver renewal application by Sept 30, 2024 |
| ARSENIC - SINGLE   | SPTP001         | 1 sample(s) annually         | 10/31/2022  | Overdue; Collect ASAP                                  |
| NITRATE  | SPTP001         | 1 sample(s) annually         | 12/28/2022  | Overdue; Collect ASAP                                  |
| VOC  | SPTP001         | 1 sample(s) annually         | 12/28/2022  | Overdue; Collect ASAP                                  |
| RADIUM 226 AND 228   | SPTP001         | 1 sample(s) per 9 year cycle | 02/05/2018  | Between 2026 and 2034                                  |
| TOTAL GROSS ALPHA  | SPTP001         | 1 sample(s) per 9 year cycle | 02/05/2018  | Between 2026 and 2034                                  |
| INORGANICS   | SPTP001         | 1 sample(s) per 9 year cycle | 12/09/2019  | Between 2020 and 2028                                  |

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

| Contaminant | Sample Pt. ID | Location             | Sample Count | Sample Dates                         |
|-------------|---------------|----------------------|--------------|--------------------------------------|
| TTHM        | SPDS1DBP2-T   | SCHOOL PREP SINK     | 1            | March, June, September, and December |
| HAA5        | SPDS1DBP2-H   | RTRN CIRC LP VILLAGE | 1            | March, June, September, and December |

## Operator Report

| Requirement | Location            | Sampling Frequency  | Last Report |  |
|-------------|---------------------|---|-------------|--|
| TURBIDITY   | After Filters       | Continuous monitoring; Report 1 sample every 4 hours, on the hour, when filtering | 12/01/2023  | 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   | 12/01/2023  |  |
| CHLORINE    | Entry Point         | 2 samples daily (maintain residual $\geq 0.2$ mg/L, $< 4$ mg/L)                   | 12/01/2023  |  |

## Compliance Schedules

| Schedule/Action                    | Due        | Comments   |
|------------------------------------|------------|--|
| <b>LCRR</b>                        |            |  |
| SUBMIT DRAFT LSL INVENTORY         | 04/24/2024 | Submit Draft of Lead Service Line Inventory. For more information visit the DW LCRR website: <a href="https://dec.alaska.gov/eh/dw/lcrr/">https://dec.alaska.gov/eh/dw/lcrr/</a> |
| SUBMIT LEAD SERVICE LINE INVENTORY | 10/16/2024 |  |
| <b>Consumer Confidence Report</b>  |            |  |
| CCR - SUBMITTAL                    | 06/30/2024 |  |
| CCR - CERTIFICATION PAGE           | 09/30/2024 |  |

## Public Notice Schedules

| PN Action                        | PN Due     | Certification Due | Comments   |
|----------------------------------|------------|-------------------|--|
| PN-TIER 2 PUBLIC NOTICE REQUIRED | 03/21/2024 | 03/31/2024        | Tier 2 public notice required for missed 2023 monitoring, including nitrate. Public notice should be completed in a manner reasonably calculated to reach all persons served. Public notice documents/information emailed on 2/20/2024.                                  |
| PN-TIER 2 PUBLIC NOTICE REQUIRED | 12/15/2023 | 12/25/2023        | Past Due - Tier 2 public notice required following maximum turbidity exceedances that occurred October 2023. Public notice should be completed in a manner reasonably calculated to reach all persons served. Public notice documents/information emailed on 11/20/2023. |

\*\*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 Teslyn Hakala, Environmental Program Manager/ADEC. If you have any questions please contact ADEC at (907) 451-3038 or 1-800-770-2137 Email: [teslyn.hakala@alaska.gov](mailto:teslyn.hakala@alaska.gov) Fax: (907) 451-2188.

Sincerely,

Teslyn Hakala  
Environmental Program Manager