

Monitoring Summary for TAKOTNA WATER SYSTEM

Public water system ID#AK2280163

Population: 70

April 1, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	11/10/2021	2024
TAKOTNA DISTRIBUTION SYSTEM (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	08/22/2023	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) annually	12/29/2021	Overdue; Collect ASAP
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) annually	08/02/2023	See stage 2 sampling detail information below
TAKOTNA TREATMENT PLANT (Facility ID:TP001)				
SOC	SPTP001		03/22/2016	Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	08/02/2023	2024
VOC	SPTP001	1 sample(s) annually	08/02/2023	2024
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	10/30/2018	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	10/30/2018	Between 2026 and 2034
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	06/30/2020	Between 2029 and 2037
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	10/19/2021	Between 2029 and 2037

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-1	TAKOTNA SCHOOL TAP	1	August 2024

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 sample daily, when filtering water	09/01/2023	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	09/01/2023	
CHLORINE	Entry Point	1 sample daily (maintain residual \geq 0.2 mg/L, <4 mg/L)	09/01/2023	

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT DRAFT LSL INVENTORY	01/24/2024	OVERDUE: Submit Draft of Lead Service Line Inventory for more information visit DW LCRR website https://dec.alaska.gov/eh/dw/lcrr/
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	

Boil Water Notice

BWN-CLOSED BWN		A boil water notice was issued as of 9/18/2023 due to repairs and pressure loss below 20psi. The boil water notice is only in effect for the village line loop. The watering point is unaffected. The boil water notice will remain in effect until the repairs have been made, pressure restored and satisfactory total coliform sample results are received
BWN-HAND DELIVER/CONTINUOUSLY POST NTCE	09/19/2023	OVERDUE

Consumer Confidence Report

CCR - SUBMITTAL	06/30/2024	
CCR - CERTIFICATION PAGE	09/30/2024	

**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 Gretchen Keim, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2231 or 1-800-770-2137 Email: gretchen.keim@alaska.gov Fax: 907-451-2188.

Sincerely,

Gretchen Keim
Environmental Program Specialist