

# Monitoring Summary for HUGHES PUBLIC WATER SUPPLY

Public water system ID#AK2300272

Population: 107

April 25, 2024

Community Water System, Ground water under the influence of surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	05/25/2022	2025
<b>DS HUGHES PUBLIC WATER SUPPLY (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	10/30/2023	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) annually	11/29/2023	2024
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) annually	12/11/2023	See stage 2 sampling detail information below
<b>TP 2016 DIRECT FILTRATION WTP (Facility ID:TP002)</b>				
SOC	SPTP002			Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP002	1 sample(s) annually	02/08/2023	2024 sample must arrive to lab on ice
VOC	SPTP002	1 sample(s) annually	04/03/2023	2024
TOTAL GROSS ALPHA	SPTP002	1 sample(s) per 9 year cycle	12/27/2016	Between 2017 and 2025
RADIUM 226 AND 228	SPTP002	1 sample(s) per 9 year cycle	12/27/2016	Between 2017 and 2025
ARSENIC - SINGLE	SPTP002	1 sample(s) per 9 year cycle	02/08/2023	Between 2029 and 2037
INORGANICS	SPTP002	1 sample(s) per 9 year cycle	02/08/2023	Between 2029 and 2037
<b>WL HUGHES PUBLIC WATER SUPPLY (Facility ID:WL001)</b>				
E. COLI	SPWL001	2 sample(s) monthly	08/30/2022	Sample according to approved LT2 source sampling plan

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-1	END OF DIST/WTP LOOP 2	1	December 2024

## Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	Continuous monitoring; Report 1 sample every 4 hours, on the hour, when filtering	10/01/2023	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	01/01/2024	
CHLORINE	Entry Point	1 sample daily	10/01/2023	

## Compliance Schedules

Schedule/Action	Due	Comments
<b>LT2</b>		
LT2 - LT2 SAMPLE PLAN	12/31/2019	2nd round LT-2 monitoring, sample according to approved LT2 source sampling plan.

LCRR		
SUBMIT DRAFT LSL INVENTORY	04/24/2024	Submit Draft of Lead Service Line Inventory for more information visit 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	
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	04/30/2024	Extended 1/31/24 to 04/30/2024. The well has an unresolved separation distance issue to a community sewer line within 200 feet of the well. Community sewer lines are required to be 200 feet or greater from the well. This deficiency is currently being addressed through plan review, please continue to work with the Department's engineering staff to complete the process and resolve this deficiency.
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](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