

Monitoring Summary for CHALKYITSIK VILLAGE WATER

Public water system ID#AK2300183

Population: 76

March 1, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	08/08/2022	2025
DS CHALKYITSIK (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/03/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 5 sample(s) per set	08/22/2023	This year January - June & July - December
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) quarterly	12/20/2023	See stage 2 sampling detail information below
TP DIRECT FILTRATION (Facility ID:TP001)				
SOC	SPTP001		12/29/2005	Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	03/27/2023	2024 sample must arrive to lab on ice
VOC	SPTP001	1 sample(s) annually	08/28/2023	2024
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	09/08/2020	Between 2026 and 2034
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	12/15/2020	Between 2026 and 2034
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	08/28/2023	Between 2029 and 2037
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	08/28/2023	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	ENTRY / CIRC. LINE	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	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	02/01/2024	
CHLORINE	Entry Point	1 sample daily	10/01/2023	

Compliance Schedules

Schedule/Action	Due	Comments
Lead/Copper Exceedance Schedule		
PBCU EXC SCHED - ST DESIGNATE OPT WQP		The State shall review the system's installation of treatment and designate optimal water quality control parameters (pH, alkalinity, corrosion control chemical, etc.) (§ 141.82(f)) within 6 months after completion of follow up sampling.
PBCU EXC SCHED – REPLACE FIXTURES/PIPES		System may choose to replace faucets, pipes, or other plumbing fixtures as an alternate activity equivalent to the corrosion control steps. If system chooses to do so, a letter describing the suggested plan to reduce lead and/or copper levels will need to be submitted to DEC.
PBCU EXC SCHED - WQP TESTING	12/31/2020	Water Quality Parameter Testing - Within the same monitoring period that the action level was exceeded WQP testing is required. WQP testing includes pH, alkalinity, calcium, conductivity, and temperature.
PBCU EXC SCHED - SOU WATER TESTING	06/30/2021	Source Water Testing - One sample must be taken at each EPTDS to determine how much lead and/or copper is coming from the water source. The source water test is required within 6 months after the end of the monitoring period in which the lead and/or copper action level was exceeded. It's highly recommended this sample be taken along with the water quality parameters.

LCRR

SUBMIT LSLI CERTIFICATION	12/16/2023	LSLI draft completed 6/21/2023 by Feyne Evans and sent to PWS for review 11/16/2023. Cert due back 12/16/2023 (FE)
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Consumer Confidence Report

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	02/09/2024	02/19/2024	PN cert due to be distributed by 2/9/2024. -- MPS

**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.

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 Fax: (907) 451-2188.

Sincerely,

Mike Sharp
Environmental Program Specialist