Monitoring Summary for LKSD KIPNUK HS

Public water system ID#AK2270728 **Population: 262** **April 16, 2024**

Non-transient non-community, Surface water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 5 years	02/28/2019	2024
DS DISTRIBUTION SYSTEM (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	04/08/2024	Monthly, according to Sample Siting Plan
	TTHM & HAA5 (DBP2)	SPDSDBP2-2C	1 sample(s) quarterly	01/15/2024	See stage 2 sampling detail information below
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	08/23/2022	2025
TP TREATMENT PLANT 1 (Facility ID:TP001)					
	SOC	SPTP001	1 sample(s) quarterly	12/12/2005	Submit SOC waiver renewal application by Sept 30, 2024
	VOC	SPTP001	1 sample(s) annually	09/26/2022	Overdue; Collect ASAP
	NITRATE	SPTP001	1 sample(s) annually	10/09/2023	2024
	ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	10/25/2016	Between 2020 and 2028
	INORGANICS	SPTP001	1 sample(s) per 9 year cycle	10/07/2019	Between 2020 and 2028

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDSDBP2-2C	L-14 CLASSROOM - 2015	1	January, April, July, and October

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 samples 20 days per month	02/01/2024	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	04/01/2024	
CHLORINE	Entry Point	1 samples 20 days per month	02/01/2024	

Compliance Schedules

Schedule/Action	Due	Comments
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	01/04/2020	The backflow prevention device between City of Kipnuk and LKSD Kipnuk High School's WTP is leaking. The device should be repaired or replaced, and should be tested at least annually thereafter.
CORRECTIVE ACTION	01/29/2020	The CT tank's vent and overflow are not screened, allowing the possible entry of rodents and insects. The vent and overflow should be screened to prevent possible contamination of the CT tanks.
CORRECTIVE ACTION	01/29/2020	The Hach 1720E turbidimeter was last calibrated in 2015. The manufacturer's recommendations for frequency and method of calibration of the turbidimeter should be followed to ensure the accuracy and precision of the instrument.

Public Notice Schedules			
PN Action	**PN Due**	**Certification Due**	**Comments**
PN-TIER 2 PUBLIC NOTICE REQUIRED	03/14/2022	03/24/2022	Tier 2 PN required for HAA5 MCL violation in 1Q2022. - Overdue submit asap to elizabeth.nakanishi@alaska.gov

**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