

Monitoring Summary for MSBSD TANAINA ELEMENTARY

Public water system ID#AK2224272

Population: 439

March 12, 2025

Non-transient non-community, Ground water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 5 years	04/28/2022	2027
DISTRIBUTION SYSTEM (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) quarterly	02/18/2025	Quarterly, according to Sample Siting Plan
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	12/07/2024	2025
WELL (Facility ID:WL001)					
	SOC		1 sample(s) quarterly	05/26/2005	2023-2025 SOC Waiver Granted
	NITRATE	SPWL001	1 sample(s) annually	08/20/2024	2025
	ARSENIC - SINGLE	SPWL001	1 sample(s) per 3 year period	02/19/2020	Between 2023 and 2025
	VOC	SPWL001	1 sample(s) per 3 year period	03/02/2020	Between 2023 and 2025
	INORGANICS	SPWL001	1 sample(s) per 9 year cycle	05/14/2019	Between 2020 and 2028

Compliance Schedules

Schedule/Action	Due	Comments
Sanitary Survey Corrective Actions		
CORRECTIVE ACTIONS	03/29/2025	<p>Extension Granted 03/29/2025 Request received from Dan Belanger .ddb</p> <p>Extension Granted from 06/30/24 to 10/31/24 HDL has prepared a draft RFP for removing and replacing the existing softener with a new softener and is in contact with DEC Eng.</p> <p>CAP rec'd 03/30/2023. System has contracted engineer to resolve outstanding engineering items. Deadline extended from 10/12/2022 to 07/01/2023 to allow time for engineer to resolve (FE 03/30/2023)</p> <p>During the engineering file review and site visit, it was noted that the water softener was not approved as an addition to the system. It is believed that the water softener was installed sometime between 2002 – 2007. However, a request for approval to operate was not received by the DEC. In September 2011, the DEC was notified that the adjacent property had buried lead acid batteries in the ground and was concerned about the aquifer potentially being contaminated. A report from an environmental consulting company was provided to the Department engineers. An engineering submittal was received by DEC on February 21, 2012 to request that the system be allowed to use the water softener to filter out the lead from the system source. In 2013, the DEC engineer concluded that the system needed to provide more information about the water softener and requested the system collect monthly Lead samples from the source for one year. The engineering process was not completed for the water softener and therefore, did not receive approval to use it as treatment for lead removal from the source water. The system exceeded the Lead Action Level in 2017 and again in 2019. Although the system is currently in compliance with the Lead Action Level rule, the system owner or engineer needs to contact Charity Bare , DEC Engineer II by June 25, 2022 to discuss the process for receiving approval to use the water softener as the system lead removal treatment system, or at a minimum as a water conditioning system.</p>

**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 Kenzie Schewe, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-376-1862 or Email: kenzie.schewe@alaska.gov Fax: .

Sincerely,

Kenzie Schewe
Environmental Program Specialist