Monitoring Summary for ASD RAVENWOOD SCHOOL

Public water system ID#AK2213904 **Population: 472** **April 26, 2024**

Non-transient non-community, Ground water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 5 years	08/03/2022	2027
DISTRIBUTION SYSTEM (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) quarterly	03/06/2024	Quarterly, according to Sample Siting Plan
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	01/05/2024	2027
WELL (Facility ID:WL001)					
	SOC	SPWL001	1 sample(s) quarterly	03/09/2016	Submit SOC waiver renewal application by Sept 30, 2024
	NITRATE	SPWL001	1 sample(s) annually	09/25/2023	2024
	VOC	SPWL001	1 sample(s) per 3 year period	09/25/2023	Between 2026 and 2028
	ARSENIC - SINGLE	SPWL001	1 sample(s) per 9 year cycle	03/16/2011	Between 2020 and 2028
	INORGANICS	SPWL001	1 sample(s) per 9 year cycle	12/14/2022	Between 2029 and 2037

Compliance Schedules		
Schedule/Action	**Due**	**Comments**
LCSP		
LCR- SUBMIT LEAD/COPPER SAMPLE POOL	05/05/2021	
LCRR		
SUBMIT DRAFT LSL INVENTORY	01/24/2024	Submit Draft of Lead Service Line Inventory for more information visit DW LCRR website https://dec.alaska.gov/eh/dw/lcrr/
COMPLETE INITIAL LSL INVENTORY	10/16/2024	
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	

Sanitary Survey Corrective Actions		
CORRECTIVE ACTIONS	07/19/2023	NSWT; A raw water sample tap, located before any treatment or storage, needs to be installed. The source sample tap currently installed is located after the water storage tank. As such there is no way to sample the raw water directly.
CORRECTIVE ACTIONS	07/19/2023	CCDD; The backflow prevention currently installed between the underground storage tank and the fire suppression system is two single check valves set up in series. Testable double check valve assemblies (DCVA) or a reduced pressure zone backflow preventor (RPZ) assembly are required to protect potable water from potential sources of contamination. Install an approved DCVA or RPZ at this location.
CORRECTIVE ACTIONS	07/19/2023	DRNG; The top of well casing appears to be located below ground level in a pit constructed of a wooden crib. Neither the wood crib construction, or the lid appear to be water tight. However, the photos appear to show mounding that provides positive drainage away from the pit, and the well is also grouted. Do one of the following; 1. Demonstrate that the top of well head is minimum 12” higher than any areas where ponding or flooding could occur directly outside the mounded area. 2. Work with a registered engineer to make the walls of the wood crib and lid water tight. 3. Raise the well head at least 12” above the grade adjacent to the mounded area and fill in the pit.
Sample Siting Plan		
RTCR-SAMPLE SITING PLAN	01/05/2024	Overdue. Need revised RTCR sample plan

**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 John Davis, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-8201 or Email: john.davis@alaska.gov Fax: 907-262-2294.

Sincerely,

John Davis
Environmental Program Specialist