

Monitoring Summary for NAPASKIAK WEST WATER SYSTEM

Public water system ID#AK2260139

Population: 200

March 12, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	08/10/2022	2025
DS DISTRIBUTION SYSTEM (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	02/06/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	08/28/2020	Overdue; Collect ASAP
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) every 3 years	12/16/2020	See stage 2 sampling detail information below
TP TREATMENT PLANT (Facility ID:TP001)				
SOC	SPTP001	1 sample(s) quarterly	10/24/2016	Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	04/04/2022	Overdue; Collect ASAP
VOC	SPTP001	1 sample(s) per 3 year period	12/16/2020	Between 2023 and 2025
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	10/24/2018	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	10/24/2018	Between 2026 and 2034
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	07/20/2021	Between 2029 and 2037
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	04/04/2022	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	WATERING POINT	1	October - December 2024

Operator Report

Requirement	Location	Sampling Frequency	Last Report
CHLORINE	Distribution System	Same time/place as routine TCR sample	2/14/2024

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT LSLI CERTIFICATION	01/27/2024	LSLI Draft was completed by L Morrison and was sent to WS for review 12/28/2023. Certification due 1/27/2024. - lm
COMPLETE INITIAL LSL INVENTORY	10/16/2024	

Sanitary Survey Corrective Actions

CONSULT DEC - SIG DEFICIENCY (GW)	01/14/2024	
CORRECTIVE ACTIONS	04/13/2024	The system installed a brazed plated heat exchanger to heat water in the 22k storage tank without engineering approval. The system owner or operator will need to contact Chris Pletnikoff, DEC engineer to get approval for the modification to the system. You can contact Chris Pletnikoff at 907-269-6064 or chris.pletnikoff@alaska.gov . The system has until the corrective action date listed above to contact DEC engineering.
CORRECTIVE ACTIONS	04/13/2024	The surveyor noted that the raw water pretreatment storage tank A has surface rust at the base, see photos 19 & 20 of the photo log. Additionally, the tank has a gap between the base of the tank and the floor of the treatment plant, see photo 21 of the photo log. The system must make the necessary repairs to the storage tank to prevent the storage tank from failing and ensure it is structurally sound. The system has until the corrective action date listed above to make repairs and provide photos and a written statement.
CORRECTIVE ACTIONS	04/13/2024	The sanitary seal on well 1 is not installed correctly. The system operator loosened the seal bolts so a new heat trace tape could be run down the well. The original heat trace was abandoned in place. The system operator needs to repair the heat trace wire correctly so the sanitary seal can be installed correctly. The system has until the corrective action date listed above to make repairs and provide photos and a written statement.
CORRECTIVE ACTIONS	04/13/2024	The system has a sewage tank 54 feet east of the well and fuel lines 2.5 feet from the well. The system owner or operator will need to contact Chris Pletnikoff, DEC engineer to get separation distance waivers approved for all contaminants near the well. You can contact Chris Pletnikoff at 907-269-6064 or chris.pletnikoff@alaska.gov . The system has until the corrective action date listed above to contact DEC engineering.
CORRECTIVE ACTIONS	04/13/2024	<ol style="list-style-type: none"> 1. Cross connection between the raw water line and the backwash water supply, see photo 35 of the photo log. 2. Filter to waste drain and filter freeboard drain to waste line need correct air gap, see photo 37 & 38 of the photo log. 3. The backwash to wastewater air gap is inadequate, see photos 39 & 40. The system has until the corrective action date listed above to make repairs and provide photos and a written statement.

Consumer Confidence Report

CCR - SUBMITTAL	06/30/2024	The Consumer Confidence Report is required to be submitted to DEC each year by June 30. Please contact Elizabeth Nakanishi at 269-7517 or elizabeth.nakanishi@alaska.gov if you have any questions or need help completing the report.
CCR - CERTIFICATION PAGE	09/30/2024	The Consumer Confidence Report Certification is required to be submitted to DEC each year by September 30. Please contact Elizabeth Nakanishi at 269-7517 or elizabeth.nakanishi@alaska.gov if you have any questions or need help completing the CCR Certification.

**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