

# Monitoring Summary for MANOKOTAK HEIGHTS W/S

Public water system ID#AK2262246

Population: 215

February 27, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	11/09/2021	2024
<b>COMMON HEADER (Facility ID:CH001)</b>				
SOC	SPCH001	1 sample(s) quarterly		Submit New (Initial) SOC waiver application by Sept 30, 2024
NITRATE	SPCH001	1 sample(s) annually	08/30/2022	Overdue; Collect ASAP
VOC	SPCH001	1 sample(s) per 3 year period	12/31/2014	Overdue; Collect ASAP
ARSENIC - SINGLE	SPCH001	1 sample(s) per 3 year period	08/30/2022	Between 2023 and 2025
INORGANICS	SPCH001	1 sample(s) per 9 year cycle	09/12/2008	Overdue; Collect ASAP
RADIUM 226 AND 228	SPCH001	1 sample(s) per 9 year cycle	08/30/2022	Between 2026 and 2034
TOTAL GROSS ALPHA	SPCH001	1 sample(s) per 9 year cycle	08/30/2022	Between 2026 and 2034
<b>DISTRIBUTION SYSTEM (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/09/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	09/19/2013	Overdue (Submit materials evaluation & Sampling pool section prior to sampling)

## Compliance Schedules

Schedule/Action	Due	Comments
<b>LCRR</b>		
SUBMIT DRAFT LSL INVENTORY	01/24/2024	Submit Draft of Lead Service Line Inventory. For more information visit DW LCRR website <a href="https://dec.alaska.gov/eh/dw/lcrr/">https://dec.alaska.gov/eh/dw/lcrr/</a>
COMPLETE INITIAL LSL INVENTORY	10/16/2024	
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	
<b>SOC</b>		
SOC – SUBMIT NEW SOC WAIVER APPLICAT	09/30/2024	2017-2019 SOC Waiver denied and PWS did not apply for 2020-2022 Waiver. If PWS plans to request a waiver for 2023-2025, they must submit a new (initial) Waiver Application.

## Sanitary Survey Corrective Actions

CORRECTIVE ACTIONS	07/21/2023	OVERDUE. It was noted during the survey that the sanitary seal on the New Well #2 casing was missing bolts which can render the seal inadequate. Please replace the bolts to ensure that potential contamination cannot enter the well. Additionally, please ensure that all source vents are properly screened with the return bend facing downward and terminating at least 18 inches above ground level. Please send photos to DEC.
CORRECTIVE ACTIONS	07/21/2023	OVERDUE. New Well #2 and New Well #4 were unable to be inspected due to snow cover. It appears that there is cracking in the surface around the wells. Please inspect the wells and ensure that the wellheads terminate at least 12 inches above grade, there is proper drainage around the wells, electrical wiring is maintained, and there is adequate ground seal around the wells. Please take photos showing the wells meet these requirements and send them to DEC.

## Consumer Confidence Report

CCR - SUBMITTAL	06/30/2024	
CCR - CERTIFICATION PAGE	09/30/2024	

## LCSP

LCR- SUBMIT LEAD/COPPER SAMPLE POOL	03/01/2024	Complete the Lead and Copper Rule - Materials Evaluation and Sample Siting Plan for review and approval by DEC.
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\*\*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](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](mailto: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 Jordan Ebert, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-269-3068 or Email: [jordan.ebert@alaska.gov](mailto:jordan.ebert@alaska.gov) Fax: 907-269-7650.

Sincerely,

Jordan Ebert

