

Monitoring Summary for MANOKOTAK WATER SYSTEM

Public water system ID#AK2260090

Population: 293

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 |
| COMMON HEADER - WELL 1 & 2 (Facility ID:CH001) | | | | |
| SOC | SPCH001 | 1 sample(s) quarterly | | Submit SOC waiver renewal application by Sept 30, 2024 |
| NITRATE | SPCH001 | 1 sample(s) annually | 08/30/2022 | Overdue; Collect ASAP |
| ARSENIC - SINGLE | SPCH001 | 1 sample(s) per 3 year period | 09/17/2013 | Overdue; Collect ASAP |
| VOC | SPCH001 | 1 sample(s) per 3 year period | 09/17/2013 | Overdue; Collect ASAP |
| INORGANICS | SPCH001 | 1 sample(s) per 9 year cycle | 06/03/2009 | Overdue; Collect ASAP |
| RADIUM 226 AND 228 | SPCH001 | 1 sample(s) per 9 year cycle | 12/30/2006 | Overdue; Collect ASAP |
| TOTAL GROSS ALPHA | SPCH001 | 1 sample(s) per 9 year cycle | 12/30/2006 | Overdue; Collect ASAP |
| DISTRIBUTION SYSTEM (Facility ID:DS001) | | | | |
| LEAD AND COPPER | SPDS001PC | 2 consecutive 6 month sets, 10 sample(s) per set | 09/18/2013 | Overdue (Submit materials evaluation & Sampling pool section prior to sampling) |
| COLIFORM (TCR) | SPDS001TCR | 1 sample(s) monthly | 01/09/2024 | Monthly, according to Sample Siting Plan |

Compliance Schedules

| Schedule/Action | Due | Comments |
|----------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lead/Copper Exceedance Schedule | | |
| PBCU EXC SCHED - STATE DESIGNATE OCCT | | DATE TO BE DETERMINED. After desktop study and treatment technique recommendation, Department designates an optimal corrosion control treatment (OCCT) or requires a full corrosion control study. |
| PBCU EXC SCHED - INSTALL OCCT | | DATE TO BE DETERMINED. PWS installs OCCT after Department designation of OCCT. |
| PBCU EXC SCHED - FLW UP PBCU SAMPLING | | DATE TO BE DETERMINED. Follow up Lead and Copper sampling after Department designates OCCT. |
| PBCU EXC SCHED - ST DESIGNATE OPT WQP | | DATE TO BE DETERMINED. Department designates optimal water quality parameters (WQP) after follow up Lead and Copper sampling. |
| PBCU EXC SCHED - PUBLIC NOTICE | 11/07/2013 | OVERDUE. Provide public notice to consumers about the Copper Action Level exceedance on 9/18/2013. |
| PBCU EXC SCHED - SOU WATER TESTING | 12/31/2013 | OVERDUE. Collect source water Lead and Copper sample. |
| PBCU EXC SCHED - WQP TESTING | 12/31/2013 | OVERDUE. Collect 2 sets of WQP samples: 1 set from the entry point to the distribution system and 1 set from the distribution system. WQP testing includes pH, alkalinity, calcium, conductivity, and temperature to determine corrosiveness of the water. |
| PBCU EXC SCHED - TT REC/DESK TOP STUDY | 06/30/2014 | OVERDUE. Complete desktop evaluation and submit corrosion control treatment technique recommendation based on source WQP sample results. |
| LCSP | | |
| LCR- SUBMIT LEAD/COPPER SAMPLE POOL | 12/31/2021 | OVERDUE. Complete the Lead and Copper Rule - Materials Evaluation and Sample Siting Plan for review and approval by DEC. |
| LCRR | | |
| SUBMIT DRAFT LSL INVENTORY | 04/24/2024 | 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 | 02/27/2024 | One of the circulation pumps needs to be repaired or replaced. Please correct and send photos and a written statement to the Department. |
| CORRECTIVE ACTIONS | 02/27/2024 | The storage tank overflow line should terminate between 12 and 24 inches above the ground and be screened. Please correct and send photos and a written statement to the Department. |
| CORRECTIVE ACTIONS | 02/27/2024 | The electrical wiring for Well 1 must be contained in a conduit to properly seal the well cap. Please correct and send photos and a written statement to the Department. |
| CORRECTIVE ACTIONS | 02/27/2024 | The electrical wiring for Well 2 must be contained in a conduit to properly seal the well cap. Also, the vent pipe on Well 2 needs to be turned down and be screened. Please correct and send photos and a written statement to the Department. |

Consumer Confidence Report

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

**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 Jordan Ebert, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-269-3068 or Email: jordan.ebert@alaska.gov Fax: 907-269-7650.

Sincerely,

Jordan Ebert
Environmental Program Specialist