

Monitoring Summary for ALEUTIAN ESTATES #1

Public water system ID#AK2224159

Population: 63

March 6, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	10/17/2023	2026
DISTRIBUTION SYSTEM (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	02/05/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	09/19/2020	Overdue; Collect ASAP
TREATMENT - SODA ASH (Facility ID:TP001)				
SOC	SPTP001	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	11/09/2023	2024
ARSENIC - SINGLE	SPTP001	1 sample(s) per 3 year period	08/15/2022	Between 2023 and 2025
VOC	SPTP001	1 sample(s) per 3 year period	08/15/2022	Between 2023 and 2025
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	08/05/2016	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	08/05/2016	Between 2017 and 2025
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	09/17/2019	Between 2020 and 2028

Stage 2 Sampling Detail Information - Sample frequency listed in requirements above

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
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Operator Report

Requirement	Location	Sampling Frequency	Last Report
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Compliance Schedules

Schedule/Action	Due	Comments
LCSP		
LCR- SUBMIT LEAD/COPPER SAMPLE POOL	06/30/2017	
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	

Boil Water Notice

BWN-HAND DELIVER/CONTINUOUSLY POST NTCE	09/16/2023	OVERDUE - Submit BWN Public Notice certification ASAP.
Boil Water Notice		
BWN-HAND DELIVER/CONTINUOUSLY POST NTCE	09/06/2023	OVERDUE - Submit BWN Public Notice certification ASAP.

Correct Sanitary Defect		
RTCR-CORRECT SD - GSEA SANITARY DEFECT	05/01/2024	SD-GSEA – No ground seal or inadequate ground seal around well casing. Per Alaska Regulation 18 AAC 80.015, wells are required to be grouted. Please contact ADEC Engineering to discuss well grouting requirements for this system by January 20, 2024. * Due to winter conditions, due date moved to 05/01/2024. Per email with Charity Bare, PWS must contact engineering before 05/01/2024. JCahill*

Sanitary Survey Corrective Actions		
CORRECTIVE ACTIONS	04/19/2024	CHEM: Chlorine and soda ash containers are not labeled. Chlorine storage tank not appropriately sealed. Lid should be secured. Please provide photo confirmation that soda ash is being stored properly and chlorine and soda ash containers are labeled. Please see the EPA guidance document "Incompatible Chemicals Storage", attached.
CORRECTIVE ACTIONS	04/19/2024	COMP: At the time of the site visit, the system did not have a dedicated source water sample tap. The source water sample tap was being utilized as injection point for temporary chlorination. Please provide a projected date for removal of chlorination and reinstallation of source water tap. If water system ends up installing permanent chlorination, an engineering review needs to be performed. 30 days for corrective action plan to be submitted.

Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2024	
CCR - CERTIFICATION PAGE	09/30/2024	

Public Notice Schedules			
PN Action	PN Due	Certification Due	Comments

**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 Jessica Cahill, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-376-1824 or Email: jessica.cahill@alaska.gov Fax: (907) 376-2382.

Sincerely,

Jessica Cahill
Environmental Program Specialist