

Monitoring Summary for KACHEMAK SELO #3

Public water system ID#AK2247953

Population: 150

February 26, 2024

Community Water System, Ground water under the influence of surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	03/09/2022	2025
DS DISTRIBUTION #3 (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample monthly	01/23/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	Set of 5 samples every 3 years	03/20/2023	2026
TP - UV & FILTERS (Facility ID:TP001)				
SOC	SPTP001	1 sample quarterly during 2025, if no waiver		Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample annually	03/20/2023	2024
VOC	SPTP001	1 sample annually	03/20/2023	2024
RADIUM 226 AND 228	SPTP001	1 sample per 9 year cycle	07/19/2016	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP001	1 sample per 9 year cycle	07/19/2016	Between 2017 and 2025
ARSENIC - SINGLE	SPTP001	1 sample per 9 year cycle	06/18/2019	Between 2020 and 2028
INORGANICS	SPTP001	1 sample per 9 year cycle	06/18/2019	Between 2020 and 2028

Compliance Schedules		
Schedule/Action	Due	Comments
Boil Water Notice		
BWN-CLOSED BWN		Continue posting Boil Water Notices for 2024.
Install Treatment		
ENF-INSTALL DISINFECTION	07/01/2016	Pending, per below noted source development plans for 2023.
ENF-INSTALL FILTRATION	07/01/2016	Pending, per below noted source development plans for 2023.
LT2		
LT2 - LT2 SAMPLE PLAN	05/01/2024	Round 2 LT2 source E.coli sampling plan due May1, 2024, sampling to begin Dec 2024.

Sanitary Survey Corrective Actions

CORRECTIVE ACTIONS	11/30/2018	System had not been providing approved or adequate disinfection/filtration treatment for GWUDISW source. Also, they had installed UV and filters and added Lower Spring as backup source without approval. Has been working with VSW engineers to create updated plan of action. Options were evaluated, provided, & as of Jan 7, 2020 VSW staff are awaiting system approval to fund the recommended option (see Sept 30, 2019 DEC letter), Alternative 1, that starts with a groundwater study using test wells to find sources with desired & required water quality parameters prior to development.
LCRR		
SUBMIT LSLI CERTIFICATION	03/14/2024	Draft LSLI completed by Feyne Evans on 2/13/2024 and sent to PWS for review. Cert form and no Lead, GRR, or UNK Service Lines Form due back 2/13/2024. (FE)
COMPLETE INITIAL LSL INVENTORY	10/16/2024	
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2024	2023 CCR due to residents and DEC by July 1, 2024
CCR - CERTIFICATION PAGE	09/30/2024	2023 CCR Certification due to DEC by October 1, 2024 – this verifies delivery to residents.

**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 James Latimer, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-3410 or Email: james.latimer@alaska.gov Fax: 907-262-2294.

Sincerely,

James Latimer
Environmental Program Specialist