

Monitoring Summary for GALENA WTP1 - CITY

Public water system ID#AK2360272

Population: 490

February 15, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	08/18/2020	Overdue Survey; Schedule ASAP
DS GALENA WATER PROJECT (Facility ID:DS001)				
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 10 sample(s) per set	12/11/2023	This Year, Between January and June
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/23/2024	Monthly, according to Sample Siting Plan
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) quarterly	12/08/2023	See stage 2 sampling detail information below
WTP1 GALENA CITY (Facility ID:TP001)				
SOC	SPTP001			Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	12/22/2023	2024 sample must arrive to lab on ice
ARSENIC - SINGLE	SPTP001	1 sample(s) per 3 year period	06/01/2020	Between 2023 and 2025
VOC	SPTP001	1 sample(s) per 3 year period	10/22/2023	Between 2026 and 2028
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	09/10/2019	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	09/10/2019	Between 2026 and 2034
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	06/01/2020	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	RETURN LOOP AT WTP	1	March, June, September, and December

Operator Report

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

Compliance Schedules

Schedule/Action	Due	Comments
Lead/Copper Exceedance Schedule		
PBCU EXC SCHED – REPLACE FIXTURES/PIPES	06/30/2019	System may choose to replace faucets, pipes, or other plumbing fixtures as an alternate activity equivalent to the corrosion control steps. If system chooses to do so, a letter describing the suggested plan to reduce lead and/or copper levels will need to be submitted to DEC. System has corrosion control; readjusting

Sanitary Survey Corrective Actions

CORRECTIVE ACTIONS	03/12/2025	2023 WTP Upgrades - DAF/GAC project granted construction approval on 3/11/2023. Project will address survey deficiencies. Deadline extended from 12/31/2021 to 3/12/2025, when construction approval expires. Automated flow switches must be installed for all chemical injection systems so chemical addition only occurs when there is water flow in the process pipe where the chemical is injected. Alternatively, the chemical pumps can be tied to flow meter signals so chemical injection is flow-paced.
CORRECTIVE ACTIONS	03/12/2025	2023 WTP Upgrades - DAF/GAC project granted construction approval on 3/11/2023. Project will address survey deficiencies. Deadline extended from 12/31/2021 to 3/12/2025, when construction approval expires. Inadequate floc formation was observed during the inspection. Recent jar testing by ANTHC indicated that use of a different polymer would increase floc formation which would help reduce the levels of organics in the source water and disinfection byproduct formation in the finished water. Additionally, the anionic polymer being used, WD-A07P by Anderson Chemical Co., does not appear to be NSF-60 certified. A formal request from ANTHC on behalf of the system to change polymers is expected by DEC soon. The PWS should not switch polymer without prior DEC approval. If you plan to continue using the current polymer long term, provide documentation that this chemical is NSF-60 certified or provide a schedule for replacing this chemical with an NSF-60 certified alternative.

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	

Consumer Confidence Report

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

Public Notice Schedules

PN Action	PN Due	Certification Due	Comments
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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>. 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 Mike Sharp, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2178 or 1-800-770-2137 Email: mike.sharp@alaska.gov Fax: (907) 451-2188.

Sincerely,

Mike Sharp
Environmental Program Specialist