

Monitoring Summary for TWIN HILLS WATER SYSTEM

Public water system ID#AK2260032

Population: 87

March 15, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	10/14/2021	2024
COMMON HEADER FOR WELL 1 AND 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	10/23/2022	Overdue; Collect ASAP
VOC	SPCH001	1 sample(s) per 3 year period	10/23/2022	Between 2023 and 2025
ARSENIC - SINGLE	SPCH001	1 sample(s) per 9 year cycle	07/05/2011	Between 2020 and 2028
INORGANICS	SPCH001	1 sample(s) per 9 year cycle	07/05/2011	Between 2020 and 2028
RADIUM 226 AND 228	SPCH001	1 sample(s) per 9 year cycle	05/22/2017	Between 2026 and 2034
TOTAL GROSS ALPHA	SPCH001	1 sample(s) per 9 year cycle	05/22/2017	Between 2026 and 2034
DS TWIN HILLS WATER SYSTEM (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/24/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	10/20/2022	2025

Operator Report				
Requirement	Location	Sampling Frequency	Last Report	

Compliance Schedules		
Schedule/Action	Due	Comments
LCRR		
SUBMIT LSLI CERTIFICATION		
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	
LCNT		
LCR- CONSUMER NOTICE CERT. DUE TO STATE	02/26/2022	Overdue. No records of certification received by DEC for Lead Consumer Notice. Please send to john.davis@alaska.gov ASAP.
LCR- CONSUMER NOTICE DUE TO CONSUMER	12/28/2022	Leach Consumer Notice for lead and copper sample results x 5 from October 2022

Sanitary Survey Corrective Actions

CONSULT DEC - SIG DEFICIENCY (GW)	11/16/2023	Overdue. Please consult with DEC regarding plans to address significant deficiencies from 2021 Sanitary Survey ASAP.
CORRECTIVE ACTIONS	02/14/2024	The water storage tank overflow line terminates less than two times the diameter of the pipe over the ground, constituting an improper air gap. An airgap at least two times the diameter of the overflow pipe must be maintained above the ground. Please provide documentation of proof that the deficiency has been address to dec.sanitarysurveys@alaska.gov . For questions call 907-451-2108..
CORRECTIVE ACTIONS	02/14/2024	The water storage tank is not properly secured from unauthorized access. At a minimum the access ladder must be locked on tanks located outdoors. Please provide documentation of proof that the deficiency has been address to dec.sanitarysurveys@alaska.gov . For questions call 907-451-2108.
CORRECTIVE ACTIONS	02/14/2024	Flaking of the interior coating of the water storage tank when opening the hatch, inspection of the storage tank to determine the condition of the interior of the tank is needed. If maintenance is necessary, please inform DEC prior to performing the work and ensure any material used is certified to ANSI/NSF standards for drinking water.

Consumer Confidence Report

CCR - SUBMITTAL	06/30/2024	The Consumer Confidence Report is required to be submitted to DEC each year by June 30. Please contact John Davis at 262-8201 or john.davis@alaska.gov if you have any questions or need help completing the report.
CCR - CERTIFICATION PAGE	09/30/2024	The Consumer Confidence Report Certification Page is required to be submitted to DEC each year by September 30. Please contact John Davis at 262-8201 or john.davis@alaska.gov if you have any questions or need help completing the certification page.

**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 John Davis, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-8201 or Email: john.davis@alaska.gov Fax: 907-262-2294.

Sincerely,

John Davis
Environmental Program Specialist