

# Monitoring Summary for DIOMEDE JOINT UTILITIES

Public water system ID#AK2340141

Population: 184

April 17, 2025

Community Water System, Surface water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	08/29/2023	2026
<b>DS HILLSIDE VALLEY (Facility ID:DS001)</b>					
	LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 10 sample(s) per set	10/09/2024	This year January - June & July - December
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	02/10/2025	Monthly, according to Sample Siting Plan
	TTHM & HAA5 (DBP2)	SPDS1DBP2-2	1 sample(s) quarterly	08/26/2024	See stage 2 sampling detail information below
<b>TP FOR HILLSIDE VALLEY (Facility ID:TP001)</b>					
	SOC	SPTP001		12/22/2005	2023-2025 SOC Waiver Granted
	ARSENIC - SINGLE	SPTP001	1 sample(s) quarterly	01/24/2025	Quarterly
	NITRATE	SPTP001	1 sample(s) annually	08/26/2024	2025
	VOC	SPTP001	1 sample(s) annually	08/26/2024	2025
	INORGANICS	SPTP001	1 sample(s) per 9 year cycle	07/18/2021	Between 2029 and 2037
	RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	07/18/2021	Between 2026 and 2034
	TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	07/18/2021	Between 2026 and 2034

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-2	COUNCIL BUILDING	1	February, May, August, and November

## Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 sample daily when filtering	10/01/2023	Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month).
CHLORINE	Distribution System	Same time/place as routine TCR sample	12/01/2024	
CHLORINE	Entry Point	1 sample daily, minimum 20 days per month	10/01/2023	

## Compliance Schedules

Schedule/Action	Due	Comments
<b>Lead/Copper Exceedance Schedule</b>		
PBCU EXC SCHED - CORR CONTROL STUDY		To be determined
PBCU EXC SCHED - TT REC/DESK TOP STUDY		To be determined
PBCU EXC SCHED - ST DESIGNATE OPT WQP		To be determined
PBCU EXC SCHED - SOU WATER TESTING	06/30/2016	Source water testing required due to Copper exceedance.

LCRR		
SUBMIT LSLI CERTIFICATION	02/14/2025	OVERDUE: Sent reminder email to water system with LSLI for review and certification. Requested to sign and return by 2/14/25 (or let us know if corrections are needed).
Sanitary Survey Corrective Actions		
CONSULT DEC - SIG DEFICIENCY (SW)	01/21/2024	OVERDUE: System must contact DEC with corrective action plan.
CORRECTIVE ACTION	04/20/2024	OVERDUE: During the survey it was noted that the hose at end of the water fill point, located on the outside of the water treatment plant, is currently installed without proper backflow prevention. The fill point needs to install a backflow prevention assembly with no downstream valves.
CORRECTIVE ACTION	04/20/2024	OVERDUE: The screen on the overflow line on the 424,000 gallon treated water storage tank is damaged and the roof vents are without screens. The system needs to install new screens at both locations.
CORRECTIVE ACTION	04/20/2024	OVERDUE: The existing wood stave raw water storage tank with open top, before the water treatment plant, was replaced in 2023 with a new 3,000 gallon wood stave tank. This modification required prior written approval to construct and operate, however this process was not completed. As such, the system needs to contact an engineer in the Fairbanks office at 907-451-2108 to coordinate a plan review and approval of the new tank.
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2025	CCR due to customers and DEC by July 1, 2025
CCR - CERTIFICATION PAGE	09/30/2025	CCR Certification due to DEC by October 1, 2025

\*\*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](mailto: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](mailto:mike.sharp@alaska.gov) Fax: (907) 451-2188.

Sincerely,

Mike Sharp  
Environmental Program Specialist