

Monitoring Summary for HAINES BOROUGH

Public water system ID#AK2111566

Population: 1748

February 6, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	07/14/2022	2025
DS HAINES BOROUGH (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	2 sample(s) monthly	01/02/2024	Monthly, according to Sample Siting Plan
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) quarterly	12/18/2023	See stage 2 sampling detail information below
LEAD AND COPPER	SPDS001PC	10 sample(s) every 3 years	12/06/2022	2025
ASBESTOS - SINGLE	SPDS001ASBS	1 sample(s) per 9 year cycle	04/05/2021	Between 2029 and 2037
SP PIEDAD SPRING (Facility ID:SP001)				
LT2 E. coli	SPSP001	1 sample every 2 weeks	01/17/2024	Sample according to approved LT2 source sampling plan
TP LILY LAKE (Facility ID:TP001)				
SOC	SPTP001	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	03/31/2023	2024
VOC	SPTP001	1 sample(s) annually	03/31/2023	2024
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle		Between 2020 and 2028
INORGANICS	SPTP001	1 sample(s) per 9 year cycle		Between 2020 and 2028
GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	10/24/2017	Between 2026 and 2034
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	10/24/2017	Between 2026 and 2034
TP PIEDAD (Facility ID:TP002)				
SOC	SPTP002	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
VOC	SPTP002	1 sample(s) annually	03/31/2023	2024
NITRATE	SPTP002	1 sample(s) annually	03/31/2023	2024
INORGANICS	SPTP002	1 sample(s) per 9 year cycle		Between 2020 and 2028
ARSENIC - SINGLE	SPTP002	1 sample(s) per 9 year cycle	04/10/2017	Between 2020 and 2028
GROSS ALPHA	SPTP002	1 sample(s) per 9 year cycle	10/24/2017	Between 2026 and 2034
RADIUM 226 AND 228	SPTP002	1 sample(s) per 9 year cycle	10/24/2017	Between 2026 and 2034

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
TP CRYSTAL CATHEDRALS (Facility ID:TP003)					
	SOC	SPTP003	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
	NITRATE	SPTP003	1 sample(s) annually	03/31/2023	2024
	VOC	SPTP003	1 sample(s) per 3 year period	03/31/2023	Between 2026 and 2028
	INORGANICS	SPTP003	1 sample(s) per 9 year cycle		Between 2020 and 2028
	ARSENIC - SINGLE	SPTP003	1 sample(s) per 9 year cycle	02/27/2017	Between 2020 and 2028
	GROSS ALPHA	SPTP003	1 sample(s) per 9 year cycle	10/24/2017	Between 2026 and 2034
	RADIUM 226 AND 228	SPTP003	1 sample(s) per 9 year cycle	10/24/2017	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	SPDS1DBP2-1	SKYLINE FH	1	March, June, September, and December

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY - Lily Lake	After Filters	Daily - Every 4 hours while treatment plant is operating	12/01/2023	Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month).
TURBIDITY - Piedad	After Filters	Daily - Every 4 hours while treatment plant is operating	12/01/2023	
CHLORINE	Distribution System	Same time/place as routine TCR sample	01/01/2024	
CHLORINE - Lily Lake	Entry Point	Daily - Minimum EP CL= 0.2 mg/L	12/01/2023	
CHLORINE - Piedad	Entry Point	Daily - Minimum EP CL = 0.65 mg/L	12/01/2023	
CHLORINE - Crystal Cathedrals	Entry Point	Daily - While operating		

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT DRAFT LSL INVENTORY	04/24/2024	Submit Draft of Lead Service Line Inventory to DEC by 4/24/2024. For more information visit DW LCRR website https://dec.alaska.gov/eh/dw/lcrr/
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	Please submit a completed Lead Service Line Inventory to DEC by 10/16/2024.

Sanitary Survey Corrective Actions

CORRECTIVE ACTION	06/30/2024	<p>The surveyor noted that the RPZ backflow preventor assembly at the Small Boat Harbor is not tested annually. Failure to annually test backflow preventors is considered a significant deficiency.</p> <p>-Please have a certified professional test the indicated backflow preventor & submit photo documentation of the service receipt as proof of completion to the Department.</p> <p>10/12/2022: Received notification that BFP is in operation May - Sept annually. System plans to have ARWA test the RPZ assembly in May 2023. Deadline extended from 1/12/2023 to 5/31/2023.</p> <p>5/8/2023: Received notification that PWS operator is signed up to complete the BFP certification course June 20-23, 2023. Extended deadline to 7/31/2023 to perform BFP testing.</p> <p>10/9/2023: BFP failed testing done on 9/19/2023. System has ordered parts & plans to repair device before it comes online next spring. Extended deadline from 9/30/2023 to 6/30/2024 to allow time for repairs to be made.</p>
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Consumer Confidence Report

CCR - SUBMITTAL	06/30/2024	CCR due to customers and DEC by July 1, 2024
CCR - CERTIFICATION PAGE	09/30/2024	CCR Certification due to DEC by October 1, 2024

LT2

LT2 - LT2 SAMPLE PLAN	03/01/2024	<p>Initial LT2 initial Bin determination made for Piedad Spring source on 4/16/18. Schedule for Piedad's second round of LT2 sampling is due to begin in 2024.</p> <p>Raw water LT2 sample to be collected every two weeks for a total of 26 samples. Specific sample dates to be determined in LT2 sampling plan must be submitted 90 days prior to starting sample collection for review.</p>
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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 Christina Harris, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-3420 or 1-866-956-7656 Email: christina.harris@alaska.gov Fax: (907) 262-2294.

Sincerely,

Christina Harris
Environmental Program Specialist