Monitoring Summary for SOUTH TONGASS WATER UTILITY

Public water system ID#AK2121510 **Population: 975** **February 12, 2024**

Community Water System, Surface water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	12/20/2021	2024
DISTRIBUTION SYSTEM (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/16/2024	Monthly, according to Sample Siting Plan
	TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) quarterly	01/10/2024	See stage 2 sampling detail information below
	LEAD AND COPPER	SPDS001PC	10 sample(s) every 3 years	10/03/2023	2026
TREATMENT PLANT (Facility ID:TP001)					
	SOC	SPTP001	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
	NITRATE	SPTP001	1 sample(s) annually	01/10/2024	2025
	VOC	SPTP001	1 sample(s) annually	01/10/2024	2025
	GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	01/11/2017	Between 2026 and 2034
	RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	01/11/2017	Between 2026 and 2034
	ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	01/08/2020	Between 2029 and 2037
	INORGANICS	SPTP001	1 sample(s) per 9 year cycle	01/08/2020	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	FAWN MTN.	1	January, April, July, and October

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	Daily - Every 4 hours while treatment plant is operating	01/01/2024	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	01/01/2024	
CHLORINE	Entry Point	Daily	01/01/2024	

Compliance Schedules		
Schedule/Action	**Due**	**Comments**
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	12/31/2024	Surveyor noted a treatment plant bypass in the piping that could allow untreated water to enter the distribution system through the CT tank. There are two valves that must be opened in order to create the bypass, however this arrangement does not constitute adequate cross connection control. A cross connection control device (e.g. removable spool, etc.) must be installed on this line to mitigate the cross connection. Update: 1/17/19: received exemption request (denied) for bypass issue. 1/28/19: letter received requesting extension. Deadline extended for DEC review. Deadline extended to 5 years to coincide with filter replacements.
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	03/31/2024	The surveyor noted that the Fawn Mountain water storage tank had significant leaks around the water tank perimeter. This was flagged as a significant deficiency. -The 2021 sanitary survey photo log (Figure 34) depicted the extent of the leaks. The repair inspections were completed in November 2021 and the restoration project is currently out to bid. -Please provide a timeline for project completion by 4/9/22. -Once repairs are completed, please submit photo documentation of the repairs to the Department by 7/8/22. 4/14/2022: Received update from PWS outlining resolution by 10/1/2024 due to ADWF revolving funds application timeline restrictions. Extended deadline from 7/8/22 to 2/28/2023 to allow time for contract award to be processed. 2/7/2023: PWS confirmed repair project will require an engineering submittal request to DEC. Granted deadline extension from 2/28/2023 to 8/1/2023 to allow time for system to confirm funding source & submit engineering plans for project to DEC. 8/7/2023: PWS confirmed paperwork for repair project is in progress. Extended deadline to 12/31/2023 to submit engineering plans for project. 1/3/2024: Granted final extension for engineering plans to be submitted by 3/31/2024, which marks the 2-year timeline for identifying the deficiency.
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

**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