

# Monitoring Summary for CITY AND BOROUGH OF JUNEAU

Public water system ID#AK2110342

Population: 38526

April 26, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	07/09/2021	2024
<b>DS JUNEAU DISTRIBUTION SYSTEM (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	40 sample(s) monthly	01/25/2024	Monthly, according to Sample Siting Plan
TTHM & HAA5 (DBP2)	SPDS1DBP2-4	4 sample(s) quarterly	01/08/2024	See stage 2 sampling detail information below
LEAD AND COPPER	SPDS001PC	30 sample(s) every 3 years	09/07/2022	2025
<b>TP FOR SALMON CREEK RESERVOIR (Facility ID:TP001)</b>				
SOC	SPTP001	1 sample(s) quarterly	11/16/2004	2023-2025 SOC Waiver Application Received & Under Review
NITRATE	SPTP001	1 sample(s) annually	07/17/2023	2024
VOC	SPTP001	1 sample(s) annually	07/17/2023	2024
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	05/18/2015	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	05/18/2015	Between 2017 and 2025
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	08/22/2022	Between 2029 and 2037
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	08/22/2022	Between 2029 and 2037
<b>TP FOR LAST CHANCE BASIN WELLS (Facility ID:TP002)</b>				
SOC	SPTP002	1 sample(s) quarterly	08/09/2005	2023-2025 SOC Waiver Application Received & Under Review
NITRATE	SPTP002	1 sample(s) annually	07/17/2023	2024
VOC	SPTP002	1 sample(s) per 3 year period	07/17/2023	Between 2026 and 2028
RADIUM 226 AND 228	SPTP002	1 sample(s) per 9 year cycle	05/18/2015	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP002	1 sample(s) per 9 year cycle	05/18/2015	Between 2017 and 2025
ARSENIC - SINGLE	SPTP002	1 sample(s) per 9 year cycle	08/22/2022	Between 2029 and 2037
INORGANICS	SPTP002	1 sample(s) per 9 year cycle	08/22/2022	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	THANE PLANT	1	January, April, July, and October
DBP2	SPDS1DBP2-2	LYNN CANAL FIRE STATION	1	January, April, July, and October
DBP2	SPDS1DBP2-3	N. DOUGLAS BLEEDER VALVE	1	January, April, July, and October
DBP2	SPDS1DBP2-4	LYNN ELLEN STATION	1	January, April, July, and October

Operator Report				
Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY - Salmon Creek	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).
CHLORINE	Distribution System	Same time/place as routine TCR sample	01/01/2024	
CHLORINE - Salmon Creek	Entry Point	Daily	12/01/2023	
CHLORINE - LCB	Entry Point	Daily	12/01/2023	

Compliance Schedules		
Schedule/Action	Due	Comments
<b>LCRR</b>		
SUBMIT DRAFT LSL INVENTORY	07/24/2024	Submit Draft of Lead Service Line Inventory to DEC by 7/24/2024. For more information visit DW LCRR website <a href="https://dec.alaska.gov/eh/dw/lcrr/">https://dec.alaska.gov/eh/dw/lcrr/</a>
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	Please submit a completed Lead Service Line Inventory to DEC by 10/16/2024.
<b>Consumer Confidence Report</b>		
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

Public Notice Schedules			
PN Action	PN Due	Certification Due	Comments

\*\*NSF = No sample found

- 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.
- 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.
- 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.
- Water quality parameters are tested in order to conduct a corrosion control study. Please contact your engineer, health corporation, or certified laboratories for assistance.
- Lead/Copper samples on an annual or 3 year schedule should be collected in month of warmest water temperature.
- 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).
- 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/>.
- 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 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](mailto:christina.harris@alaska.gov) Fax: (907) 262-2294.

Sincerely,

Christina Harris  
Environmental Program Specialist