

# Monitoring Summary for THORNE BAY, CITY OF

Public water system ID#AK2120216

Population: 470

February 8, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
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Sanitary Survey			09/14/2023	2026
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## DISTRIBUTION SYSTEM (Facility ID:DS001)

LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 10 samples per set	01/02/2023	Collect sample set during 1st half (Jan.-June) and 2nd half (July-Dec.) of the year.
COLIFORM (TCR)	SPDS001TCR	1 sample monthly	01/02/2024	Monthly, according to Sample Siting Plan
TTHM & HAA5 (DBP2)	-See below-	1 sample quarterly - see belowStage 2 details	01/23/2024	See stage 2 sampling detail information below

## TREATMENT PLANT (Facility ID:TP001)

SOC	SPTP001	1 sample quarterly during 2025, if no waiver	06/26/2006	Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample annually	01/04/2023	2024
VOC	SPTP001	1 sample annually	01/23/2024	2025
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	08/13/2009	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	08/13/2009	Between 2017 and 2025
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	06/27/2011	Between 2020 and 2028
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	06/27/2011	Between 2020 and 2028

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-1	WW PLANT-1600 SHORELINE DR.	1	March, June, September, and December

## Operator Report

Requirement	Location	Sampling Frequency	Last Report
TURBIDITY	After Filters	1 sample Daily - record the highest daily measurement	Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month).
Distribution Chlorine	Distribution System	Same time/place as routine TCR sample - record on TCR lab form	
Entry Point Chlorine	Entry Point	1 sample Daily - record the lowest daily measurement	

## Compliance Schedules

Schedule/Action	Due	Comments
<b>LCRR</b>		
SUBMIT DRAFT LSL INVENTORY	04/24/2024	Submit Draft of Lead Service Line Inventory 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	
<b>Consumer Confidence Report</b>		
CCR - SUBMITTAL	06/30/2024	2023 CCR due to residents and DEC by July 1, 2024
CCR - CERTIFICATION PAGE	09/30/2024	2023 CCR Certification due to DEC by October 1, 2024 – this verifies delivery to residents.

\*\*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 James Latimer, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-3410 or Email: [james.latimer@alaska.gov](mailto:james.latimer@alaska.gov) Fax: 907-262-2294.

Sincerely,

James Latimer  
Environmental Program Specialist