

# Monitoring Summary for CONOCOPHILLIPS KUPARUK IND. CENTER

Public water system ID#AK2333241

Population: 80

March 13, 2024

Non-transient non-community, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
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Sanitary Survey		Every 5 years	08/15/2023	2028
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## DISTRIBUTION SYSTEM (Facility ID:DS001)

COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	02/05/2024	Monthly, according to Sample Siting Plan
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LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	10/07/2023	2026
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TTHM & HAA5 (DBP2)	-See below-	1 sample(s) annually	08/07/2023	See stage 2 sampling detail information below
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## INTAKE UGNURAVIK RIVER RESERVOIR, BIN1 (Facility ID:IN001)

TOC & ALKALINITY	SPIN001-RAW	1 sample(s) monthly	02/05/2024	Monthly
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## CONVENTIONAL TREATMENT PLANT (Facility ID:TP001)

SOC	SPTP001	1 sample(s) quarterly	11/06/2007	Submit SOC waiver renewal application by Sept 30, 2024
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CARBON, TOTAL	SPTP001	1 sample(s) monthly	02/05/2024	Monthly
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NITRATE	SPTP001	1 sample(s) annually	07/03/2023	2024
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VOC	SPTP001	1 sample(s) annually	07/03/2023	2024
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ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	02/10/2020	Between 2029 and 2037
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INORGANICS	SPTP001	1 sample(s) per 9 year cycle	02/10/2020	Between 2029 and 2037
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## Stage 2 Sampling Detail Information - Sample frequency listed in requirements above

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS001DBP2	KIC BLDG A MECH RM	1	August 2024

## Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	24 samples 31 days per month	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	02/01/2024	
CHLORINE	Entry Point	1 samples 31 days per month	01/01/2024	

## Compliance Schedules

Schedule/Action	Due	Comments
<b>LCRR</b>		
COMPLETE INITIAL LSL INVENTORY	10/16/2024	Draft submitted via EXCEL 12/7/2023. Awaiting DEC review.

## Sanitary Survey Corrective Actions

CORRECTIVE ACTIONS	05/15/2024	There are several instances of drain lines on the floor. All lines that can back-siphon into the water system must have an airgap of two times the diameter of the pipe above the floor drain. Please send photo documentation of corrective action to ADEC
CORRECTIVE ACTIONS	05/15/2024	The 5,000-gallon baffled contact tank is only partially covered with a plastic sheet. All treated water storage tanks are required to be covered in a way that prevents contamination. Please install a watertight cover that completely covers the entirety of the tank and is constructed to drain freely. Please send photo documentation of corrective action to ADEC
CORRECTIVE ACTIONS	05/15/2024	The pipe that supplies treated water from the CT tank to backwash the filters is not sufficiently protected against potential backflow. Appropriate backflow prevention must be installed to protect from potential backflow contamination. Please contact Darlene Galido (907-269-7516; darene.galido@alaska.gov) or Chris Pletnikoff (907-269-6064; chris.pletnikoff@alaska.gov) with questions and your corrective action plan prior to making any changes. Please send photo documentation of corrective action to ADEC

## Public Notice Schedules

PN Action	PN Due	Certification Due	Comments
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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](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 Kristine Crippen, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-269-7521 or 1-866-956-7656 Email: [kristine.crippen@alaska.gov](mailto:kristine.crippen@alaska.gov) Fax: (907) 269-7650.

Sincerely,

Kristine Crippen  
Environmental Program Specialist