

# Monitoring Summary for CONOCO PHILLIPS AKS WILLOW 2

Public water system ID#AK2330134

Population: 480

June 3, 2020

Non community water system, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years		2020; Submit PWS Inventory Form
<b>DISTRIBUTION SYSTEM (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly		Monthly during operation
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 5 sample(s) per set		2020 (Submit materials evaluation & Sampling pool selection prior to sampling)
TTHM & HAA5 (DBP2)	-See below-	2 sample(s) quarterly		See stage 2 sampling detail information below
<b>LAKE R0205 (Facility ID:IN001)</b>				
TOC & ALKALINITY	SPIN001RAW	1 sample(s) monthly		Monthly during operation
<b>TREATMENT PLANT - NANO/LT2/UV/HYPOCHLORI (Facility ID:TP001)</b>				
CARBON, TOTAL	SPTP001	1 sample(s) monthly		Monthly during operation
ARSENIC - SINGLE	SPTP001EP	1 sample(s) quarterly		Quarterly, during operating quarters
NITRATE	SPTP001EP	1 sample(s) quarterly		Quarterly, during operating quarters
SOC		1 sample(s) quarterly		Submit 2020-2022 SOC Initial Waiver Application by September 30, 2021
INORGANICS	SPTP001EP	1 sample(s) annually		2020

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS001DBP2 1	DISTRIBUTION SYSTEM	1	Contact EPS Prior to Scheduling
DBP2	SPDS001DBP2 2	DISTRIBUTION SYSTEM	1	Contact EPS Prior to Scheduling

## Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 sample per 4 hrs of filtering, at least 1 if less than 4 hrs		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	05/01/2020	
CHLORINE	Entry Point	1 sample per day, report lowest concentration		

\*\*NSF = No sample found

- Periods are three years in length. The current period is 1/1/2020 - 12/31/2022 and the next period will be 1/1/2023 - 12/31/2025. 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.

- 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://www.dec.alaska.gov/eh/dw/publications/forms.html>.
- 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 sampling information the Drinking Water Program receives from certified laboratories and public water systems. If you notice any errors in this data, please contact your local ADEC Drinking Water Program office. Public water systems are responsible for compliance with monitoring requirements.**

Monitoring summary completed by Darryl Stepien, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at (907) 269-7521 or 1-866-956-7656 Email: [darryl.stepien@alaska.gov](mailto:darryl.stepien@alaska.gov) Fax: (907)269-7650.

Sincerely,

Darryl Stepien  
Environmental Program Specialist