

Monitoring Summary for PRUDHOE BAY OPT. CENTER

Public water system ID#AK2331011

Population: 1200

March 20, 2024

Non-transient non-community, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years	09/13/2022	2027
DISTRIBUTION SYSTEM - PBOC (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	2 sample(s) monthly	02/20/2024	Monthly, according to Sample Siting Plan
TTHM & HAA5 (DBP2)	-See below-	2 sample(s) quarterly	02/06/2024	See stage 2 sampling detail information below
LEAD AND COPPER	SPDS001PC	10 sample(s) every 3 years	07/31/2023	2026
INTAKE WEBSTER LAKE RESERVOIR - BIN1 (Facility ID:IN001)				
TOC & ALKALINITY	SPIN001-RAW	1 sample(s) quarterly	02/06/2024	Quarterly
CONVENTIONAL TREATMENT PLANT - BIN1 (Facility ID:TP001)				
SOC	SPTP001	1 sample(s) quarterly	02/06/2007	2023-2025 SOC Waiver Granted
CARBON, TOTAL	SPTP001	1 sample(s) quarterly	02/06/2024	Quarterly
NITRATE	SPTP001	1 sample(s) annually	02/06/2024	2025
VOC	SPTP001	1 sample(s) annually	02/06/2024	2025
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	02/02/2021	Between 2029 and 2037
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	02/06/2024	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	SPDS001DBP2	MCC EAST ENGRG BREAK RM	1	February, May, August, and November
DBP2	SPDS001DBP2 1	COMM MODULE	1	February, May, August, and November

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
LCRR		
COMPLETE INITIAL LSL INVENTORY	10/16/2024	Draft LSLI submitted via portal 9/13/2023. Awaiting DEC review.

**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 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 Fax: (907) 269-7650.

Sincerely,

Kristine Crippen
Environmental Program Specialist