

Monitoring Summary for KNUDSON COVE MARINA

Public water system ID#AK2121026

Population: 218

March 27, 2025

Non community water system, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 5 years	05/21/2024	2029
DS ROOF CATCHMENT (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	10/07/2024	Monthly during operation
TP FOR ROOF CATCHMENT (Facility ID:TP001)				
NITRATE	SPTP001	1 sample(s) annually	06/12/2023	Overdue; Collect ASAP

Operator Report				
Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	Daily when making water	09/01/2024	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	09/01/2024	
CHLORINE	Entry Point	Daily	09/01/2024	

Compliance Schedules		
Schedule/Action	Due	Comments
Boil Water Notice		
BWN-CLOSED BWN		Boil water notice will remain open until filtration issue is resolved.
Sanitary Survey Corrective Actions		
CORRECTIVE ACTIONS	05/01/2025	<p>01/09/2025 Matt emailed and asked for an extension on the deadline for resolving the deficiencies. He believes the work will be completed by the beginning of May, which is before the marina will open for the season. The deadline has been extended to 05/01/2025. -MHYDE</p> <p>Backflow preventers were missing at the following locations: potable water boat fill; harbor float hose bibbs; chlorine day tank fill hose bibb; and hose bibbs throughout distribution. Each location must be fitted with an appropriate backflow preventer. -MHYDE</p>

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CORRECTIVE ACTIONS	05/01/2025	<p>01/09/2025 Matt emailed and asked for an extension on the deadline for resolving the deficiencies. He believes the work will be completed by the beginning of May, which is before the marina will open for the season. The deadline has been extended to 05/01/2025. -MHYDE</p> <p>10/02/2024 Matt said on the phone that he would make a lid for the tank. -MHYDE</p> <p>Treated water storage tank is uncovered. Tank must be covered and vented as necessary. -MHYDE</p>
CORRECTIVE ACTIONS	05/01/2025	<p>01/09/2025 Matt emailed and asked for an extension on the deadline for resolving the deficiencies. He believes the work will be completed by the beginning of May, which is before the marina will open for the season. The deadline has been extended to 05/01/2025. -MHYDE</p> <p>System was using a cartridge and housing configuration that was not approved for use for giardia removal. System must install a combination of filter cartridges and housings that are approved for 2 log giardia removal. -MHYDE</p>

**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 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 Fax: (907) 262-2294.

Sincerely,

Christina Harris
Environmental Program Specialist