

January 2024 ETT List

Note: Column titled "Est. New ETT Score" is the estimated new score based on the violations that have Returned to Compliance (RTCd) during the Quarter. Please note that this score will likely change on the next quarter's list due to further violations being generated. Comments submitted by Drinking Water Program staff on January 31, 2024.

Staff	RMW	Est. New ETT Score	System Information	10 Point			5 Point						1 Point										General Comments	How to Return to Compliance	Known Hardware Problems					
				RTCR	SW	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBP	LCR	Rads	RTCR	SW	GWR	Arsenic	DBP	LCR	IOC	VOC				SOC	Rads	CCR	PN	
NAKANISHI	YKHC	69	ALAKANUK WATER SYSTEM / AK2270362 (570 / C)							1																		Nitrate, TOC (intake) and E.coli last taken in 2021. TOC (treated) and Alkalinity (intake) last taken in 2016. VOC's and DBP's last taken in 2015. Full set of Lead/Copper last taken in 2012. Gross Alpha last taken in 2006	Sample for Nitrate, TOC, ALK, E.coli, VOC's, DBP's, Lead/Copper, and Gross Alpha asap	N/A
BJORKMAN	No RMW	13	ALPINE INN / AK2244808 (30 / NC)							1																		System missed two monthly samples in the 2023 season and the Nitrate in 2022 and 2023.	Collect a Nitrate and a TC sample upon start up in the spring of 2024.	N/A
CRIPPEN	YKHC	15	ANVIK WATER SYSTEM / AK2280171 (96 / C)																								PWS has not monitored for DBPs since 2010 (annual schedule). No inorganics sample since 2010. Overdue for VOC and Arsenic (cyclic schedule). System did not monitor for triggered source after total coliform positive sample in 2018.	Sample for Inorganics, Arsenic and VOCs ASAP. Sample source for total coliform. Submit 2022 Lead Consumer Notice to DEC. Sample DBPs in July 2024. Address the outstanding corrective action.	N/A	
DAVIS	No RMW	11	BBBSD NAKNEK / AK2260464 (130 / NTNC)																								Lead/Copper last sampled 11/2018. Did not submit a 2020-2022 SOC Waiver or sample in 2022.	Collect Lead/Copper sample set (5 samples), and sample quarterly SOC's or submit 2023-2025 SOC waiver application.	N/A	
DAVIS	No RMW	19	BETHEL LONGHOUSE HOTEL / AK2270401 (90 / NC)							1	2																GWR VIO for no corrective actions from 2019 Sanitary Survey. Last annual Nitrate sampled in 2020.	Address Sanitary Survey corrective action (potential cross contamination), need to submit distance waiver to DEC. Collect annual Nitrate sample, asap in 2024.	N/A	
SHARP	TCC	66	CHALKYITSIK VILLAGE WATER / AK2300183 (76 / C)																								System has been exceeding the TTHM LRAA MCL since 4th quarter 2020 and has not completed an OEL report since 3rd quarter 2022.	System needs to optimize or upgrade treatment, including establishing and adhering to a GAC media change out schedule, to help reduce DBP formation. System also needs to complete overdue OEL report.	Adequate change out frequency will reduce chances of DBP exceedance. On 11/13/23 received plans for a water treatment plant project. The project includes new winter/summer source intake, replacement WST, and modifications to the WTP. Project is under review.	
AGUE	BBAHC	11	CHIGNIK BAY WATER SYSTEM / AK2260228 (199 / C)																								Surface water system has not submitted a Monthly Operator Report since November 2022	Submit a complete operator report ASAP	N/A	
CRIPPEN	BBAHC	21	CHIGNIK LAKE WATER SYSTEM / AK2261096 (200 / C)							1	2																PWS last monitored for overdue Nitrate in 2020. Overdue as of 2020 for Lead/Copper samples (6 month sets). The outstanding corrective action due on 5/1/2020 for the booster station that was constructed and operated without ADEC engineering approval remains unresolved.	Monitor for Nitrate. Monitor for Lead/Copper. Collect monthly TC sample. Address the outstanding corrective action.	System is on a long term BWN due to consistent pressure/water loss. BBAHC is working with ANTHC to develop a plan to get water pressure stabilized throughout the system.	
DAVIS	BBAHC	32	CLARKS POINT WATER SYSTEM / AK2260202 (128 / C)																								No annual Nitrate, Lead/Copper samples collected since 2017. Last 3-year periodic Arsenic sample was in 2012. Last 3-year periodic VOCs were 2014. Last 9-year cyclic IOCs collected in 2004.	In 2024, collect annual Nitrate sample, a periodic Arsenic and IOC sample. Collect cyclic VOC sample and collect 10 Lead & Cooper samples (10 samples required every 6-months schedule). Needs updated Lead/Copper plan.	N/A	
BJORKMAN	No RMW	81	CLOVER PASS RESORT / AK2120020 (133 / NC)																								At the end of August 2023 it was confirmed that new filters, that met requirements, were installed. The last turbidity readings before seasonal shutdown were below the NTU requirement. Expecting to have lower turbidity levels with new filters in spring 2024. System is seasonal, and will not be operating again until spring.	Submit operator report with at least 95% of the turbidity readings below 1.49 NTU.	N/A	
DAVIS	YKHC	28	CROOKED CREEK WATERING POINT / AK2280302 (147 / C)							1	2																Corrective Actions from Sanitary Survey are past due. No annual Nitrate and no Lead/Copper (5 samples every 6 months) sample set collected since 2020. No DBPs collected since 2016. No VOCs collected since 2019.	Correct overdue significant deficiencies from Survey. Sample annual Nitrate, DBP's (in August 2024), Lead/Copper sample set (5 samples every 6 months), and VOCs in 2024.	N/A	

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HAKALA	Manilaq	40	DEERING UTILITY SYSTEM / AK2340222 (160 / C)																							Exceeds the TTHM LRAA and the HAA5 LRAA MCL. System is past due for lead/copper monitoring, last sampling in December 2022, where they continued to exceed the 90th percentile action level for copper. They also have not submitted certification of lead consumer notification for the 2020 or 2022 sample sets.	System must upgrade their treatment system to control DBP formation, increase TOC removal, and address corrosion concerns. In the meantime they must collect all required samples, including 6-month lead/copper samples, and complete all public notice and reporting requirements.	VSW has received funding for Phase II WTP improvements to address corrosion control and DBPs. Design for Phase II is expected to be completed summer 2024.
SHARP	NSHC	87	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)			1																				Diomedede exceeds the RAA MCL for Arsenic and Nitrate due to poor source quality. They are past due for Arsenic monitoring since 2nd quarter 2022, annual VOC since 2022, and lead/copper since 2022. System has also not submitted a complete monthly operator report since August 2023.	System needs to install treatment to address Nitrate, Arsenic, and SWTR. System needs to send chemical samples in whenever flights are available or during site visits from regional partners. System needs to begin submitting complete monthly operator reports.	New WTP is planned for installation to meet SWTR (Direct Filtration), Nitrate and Arsenic MCLs (GAC and ion exchange), and corrosion control (calcite contactor). Construction completion is expected summer 2024.
EBERT	YKHC	14	EK WATER SYSTEM / AK2270281 (280 / C)																							Last Lead/Copper, Nitrate, DBP, and VOC samples were taken 2021.	Collect 10 Lead/Copper samples for 6 month period. Collect annual Nitrate, DBP, and VOC samples.	N/A
NAKANISHI	No RMW	17	FOREST PARK TC / AK2210794 (175 / C)							2																Sanitary Survey deficiencies (GWR) are from the 2016 and 2019 surveys, system reportedly does not have the financial capacity to address the deficiencies.	System needs to submit engineering plans to deficiency corrections. System needs to collect well for VOC's and RAD's.	N/A
SHARP	NSHC	17	GOLOVIN COMMUNITY WATER SYSTEM / AK2340214 (150 / C)																							System has been exceeding the HAA5 LRAA MCL since 1st quarter 2023 and is not current on OEL report completion. System also needs to submit complete operator report with filter performance questions.	System needs to adjust treatment to reduce DBP levels in the spring when they have the ability to drain the water currently in the storage tank and make more water. Needs to submit complete MOR including filter performance information and must submit completed 4th quarter HAA5 OEL with 4th quarter PN certification.	N/A
CRIPPEN	YKHC	194	GRAYLING WATER SYSTEM / AK2280066 (195 / C)	2	7	1																				PWS struggles to consistently meet SW turbidity monitoring requirements. Last sampled for E. coli (LT2) in 2018, DBPs in 2020, Lead/Copper in 2019. PWS has an outstanding Tier 2 Public Notice and certification due back to DEC. ANTHC is planning to do work on the distribution loops, project has been designed and funded work to be started Summer of 2024.	Submit a completed MOR that meets SWTR requirements. Sample for E. coli (LT2), DBPs, and Lead/Copper. Collect monthly TC sample. Submit public notice and public notice certification.	System on long-term BWN due to inadequate treatment. Storage tank is aged and too small to meet community needs.
ROBERTS	DEC	21	GULKANA VILLAGE / AK2380214 (90 / C)																							System has been exceeding the TTHM LRAA MCL since 4th quarter 2022.	System must optimize their treatment system to limit DBP formation and increase TOC removal.	New WST planned for construction in 2024 is under review and will replace the existing WST. Tank piping will be designed to reduce thermal stratification; this could reduce water age in tank and help with reduction in DBP formation. The existing WST is in need of cleaning.
ROBERTS	Manilaq	60	KIVALINA WATER SYSTEM / AK2340117 (452 / C)			6																				The January, April, June, July, August and September 2023 TT violations for not meeting entry point chlorine requirements remain valid.	System must ensure they are chlorinating appropriately to meet SW treatment rules and submit complete monthly operator reports.	SW source with bag filtration. New direct filtration and GAC WTP construction approval issued Aug. 2023. Construction delayed to 2024 with start-up planned for 2025.
BJORKMAN	DEC	99	KLAWOCK / AK2120169 (904 / C)																							PWS exceeding HAA5 MCL. System is looking into modifications/ upgrades and have projects in process with ANTHC. This includes the installation of a PAX mixer to be installed.	Collect a set of DBP samples that allow for the LRAA for HAA5 to be calculated below the MCL.	Installation of Pax mixer
NAKANISHI	BBAHC	11	KOLIGANEK WATER SYSTEM / AK2260040 (170 / C)							1																System last sampled for Lead/Copper in March of 2022.	Collect two consecutive six month sample sets of ten samples per set. Collect first set this year between January - June and a second between July - December.	System needs corrosion control

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BJORKMAN	No RMW	22	SILVERKING LODGE / AK2121463 (46 / NC)		2								2													System struggled with turbidities before shutting down for the season. Hoping the spring will resolve the issues.	Submit an operator report that had 95% of the turbidity readings below 1.49NTU	N/A
DAVIS	BBAHC	14	SOUTH NAKNEK WATER SYSTEM / AK2260333 (66 / C)							2								1	1						Last Nitrate sampled in 2020. Last VOC sampled in 2019. Only 1 out of 5 Lead/Copper samples collected in 2023, currently on a 3-year 5 sample set Lead/Copper schedule.	In 2024, collect annual Nitrate, VOC, and Lead/Copper sample set (5 samples).	N/A	
HARRIS	DEC	94	TATITLEK WATER SYSTEM / AK2291130 (95 / C)																						System has ongoing DBP exceedances since 2015. System will develop & implement a line flushing program. System has new Admin. Contact, who has scheduled a meeting with DEC for 1/24/24 to discuss how to return to compliance.	Install treatment to reduce DBP's. Replace faucets where Lead is exceeding.	High Lead levels in distribution system. Chlorine injection equipment likely not operating smoothly. System will continue to work with ANTHC/RMW on updating chlorine injection equipment.	
AGUE	YKHC	44	TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)				1	1	2				1	3		1	2	6	2						System has not collected TC samples since June 2023, when TC+ results triggered a Level 1 Assessment that was not completed. Overdue Arsenic, Nitrate, and or Lead/Copper samples. System has outstanding deficiencies from 2021 sanitary survey, and did not conduct corrosion control or source sampling following lead action level exceedance in 2016.	Collect overdue Nitrate and TC samples ASAP. Complete and submit Level 1 Assessment. Collect Lead/Copper, Arsenic, and VOC samples. Submit corrective action plan for sanitary survey deficiencies.	Lead Action Level exceedance was due to results at a specific tap. This fixture was no longer in use as of August 2021.	
SHARP	NSHC	33	WALES WATER SYSTEM / AK2340191 (173 / C)																						PWS exceeds RAA MCL for Uranium.	New source and WTP project to address Uranium MCL is currently in progress. Must be completed in order to reduce Uranium levels. This project will also ultimately resolve sanitary survey deficiency with switch to SW source.	Construction for new surface water source (infiltration gallery) and a cartridge filtration WTP. Construction has been mostly complete but is pending some electrical issues they are working out. Can not commission in winter; commissioning now planned for summer 2024.	
EBERT	No RMW	16	WINDMILL GRILLE / AK2262571 (85 / NC)							1	1			2											System did not operate in 2023 due to flooding. Last TC and Nitrate samples were taken 2021. System is overdue to correct significant deficiencies by 12/7/2019: potential sources of contamination too close to the well, an unsealed gap between the well casing and surrounding pipe, and improper drainage around well site.	Collect monthly routine TC sample and annual Nitrate sample. Correct significant deficiencies.	N/A	

DW Program Staff Contact Information

Mat-Su = Office located in Wasilla, AK. Covers the Mat-Su area.

Staff: Amy Hill (Program Coordinator) 376-1861, Courtney Schuman (EPS) 269-7584, Jessica Cahill (EPS) 376-1824, Charity Bare (Engineering Supervisor) 262-3400

Northern = Office located in Fairbanks, AK. Covers the Northern Alaska PWSs.

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Southcentral / ANC= Office located in Anchorage, AK. Covers Anchorage bowl, Bethel/YK Delta, Dillingham area, Aleutian Chain, Pribilof and Kodiak Island area PWSs.

Staff: Heather Murray (Program Coordinator) 269-7619, Elizabeth Nakanishi (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Jordan Ebert (EPS) 269-3068, Monica Ague (EPS) 269-7653, John Davis (EPS) 262-8201, Chris Pletnikoff (Engineering Supervisor) 269-6064.

Kenai / Southeast = Office located in Soldotna, AK. Covers the Kenai Peninsula and Southeast area.

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Link to DW Program Directory

(contact information)

<http://dec.alaska.gov/eh/dw/contact/>

Resource Links

Best Practices (BP) Score

The Best Practices (BP) Score is criteria for assessing operations and maintenance capacity of rural water and wastewater utilities. Used for determining eligibility and prioritization for community sanitation projects.

STATEMENT FROM BP SCORE WEBSITE: The most effective way to increase a community's chance of receiving project funding is by improving their Best Practice score.

Link to BP Webpage

<https://dec.alaska.gov/water/technical-assistance-and-financing/best-practices/>

Alaska Community Database Online

The Community Database Online is a portal for information resources about Alaskan Communities and Places of Interest in an interactive format.

Link to Database Online Webpage

<https://dcra-cdo-dccd.opendata.arcgis.com/>

Alaska Community Photo Library

The Community Photo Library offers a glimpse into Alaska's communities and lifestyle by providing images of places, people, cultural events, public facilities, landscapes, and other dimensions of community life.

Link to Photo Library Webpage

<https://www.commerce.alaska.gov/dcra/admin/Photo>

Remote Maintenance Worker (RMW) Service Area Abbreviations

BBAHC= Bristol Bay area Health Corporation

Maniilaq= Maniilaq Health Corporation

TCC= Tanana Chiefs Conference

DEC= AK Department of Environmental Conservation

NSHC= Norton Sound Health Corporation

YKHC= Yukon Kuskokwim Health Corporation

No-RMW= Not served by an RMW Program

Link to RMW Directory

<https://dec.alaska.gov/media/p4dntxhf/rmw-directory.pdf>

Definitions

AL= Action Level

HAA5= Haloacetic Acids (Stage 1 Rule)

RAA= Running Annual Average

ANTHC= Alaska Native Tribal Health Consortium

IFE= Individual Filter Effluent

Rads= Radionuclides Rule

BACTI or t-Coli = Total Coliform Sample

IOC= Inorganic Chemicals

RMW= Remote Maintenance Worker

BWN= Boil Water Notice

LCR= Lead/Copper Rule

RTC= Return to compliance (fall off ETT list)

CCR= Consumer Confidence Report

LRAA= Locational Running Annual Average (Stage 2)

RTCR= Revised Total Coliform Rule

CFE= Combined Filter Effluent

LT1= Long Term 1 Enhanced Surface Water Treatment Rule

SOC= Synthetic Organic Chemicals

DPB= Disinfection by Products

LT2= Long Term 2 Enhanced Surface Water Treatment Rule

Surface Water (SW)= Surface Water violations Surface Water Treatment Rules (SWTR, LT1, and LT2)

DSRD= Distribution Chlorine Residual

M/R= Monitoring and Reporting (type of violation)

TC= Total Coliform (also called Bacti)

EHO= Environmental Health Officer

MCL= Maximum Contaminant Level (type of violation)

TOC= Total Organic Carbon

EP= Entry Point

MOR= Monthly operator report

TCR= Total Coliform Rule

EPA= Environmental Protection Agency

NOV= Notice of Violation

TT= Treatment Technique (violation)

EPRD= Entry Point Residual Distribution

OCC= Optimal corrosion control (Lead/Copper Rule)

TTHM= Total Trihalomethanes (Stage 1 Rule)

ETT= Enforcement Targeting Tool

PE= Public Education (requirement under Lead/Copper Rule)

VOC= Volatile Organic Chemicals

FANLs= Facility Analyte Level (refers to SW/DBP monitoring requirements)

PER= Preliminary Engineering Report

VSW= Village Safe Water

GAC= Granular Activated Carbon

PN= Public Notice

WTP= Water Treatment Plant

GWUDI= Groundwater under the direct influence of surface water

PWS= Public Water System