

October 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 October 31, 2024.

Staff	RMW	Est. New ETT Score	System Information	RTCR	SW	GWR	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBP	LCR	Rads	RTCR	SW	GWR	Arsenic	DBP	LCR	IOC	VOC	SOC	Rads	CCR	PN	General Comments	How to Return to Compliance	Known Hardware Problems
NAKANISHI	YKHC	89	ALAKANUK WATER SYSTEM / AK2270362 (570 / C)								2						36			32	1	5						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. Last full set of Lead and Copper last taken in 2012. Gross Alpha last taken in 2006.	Sample for nitrate, TOC, ALK, E.coli, VOC's, DBP's, PbCu, and Gross Alpha ASAP.	None known
BJORKMAN	No RMW	14	ALPINE INN / AK2244808 (30 / NC)					1								4												System did not complete the Seasonal Startup Procedures (SSUP) requirement and missed the last 2 TC samples of the season.	Submit TC sample and SSUP.	
SHARP	TCC	78	CHALKYITSIK VILLAGE WATER / AK2300183 (76 / C)																									System began exceeding TTHM LRAA MCL during 4th quarter 2020 and continues to exceed.	System needs both adequate funding and 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 hire a full time operator.	Adequate change out frequency would reduce chances of DBP exceedance. On 6/20/24 DEC approved plans for a water treatment plant project intended to reduce DBPs. The project includes new winter/summer source intake, replacement WST, and modifications to the WTP, including CT contactor tanks to reduce chlorine use and new GAC media.
POEPEL	BBAHC	26	CHIGNIK LAKE WATER SYSTEM / AK2261096 (200 / C)							1											4							Overdue for Lead and Copper samples (6 month sets). Overdue corrective action (due 5/1/20) for the booster station that was constructed and operated without ADEC engineering approval remains unresolved. A PER has been submitted that should address a new booster pump station and storage tank as well as a tie-in to the school's well to supplement their current source.	Monitor for Lead and Copper. Address the outstanding corrective action.	System is on a long term BWN due to consistent pressure/water loss.
POEPEL	YKHC	12	CITY OF HOOPER BAY / AK2270312 (1200 / C)							1										1	1							Overdue for DBPs. Statewide EPS will continue to reach out to the system about consulting with the state regarding their most recent sanitary survey.	Sample for DBPs between October and December 2024. Consult with the State regarding deficiencies, develop corrective action plan.	None known
DAVIS	BBAHC	43	CLARKS POINT WATER SYSTEM / AK2260202 (128 / C)							1	5									2	4	1	2					Corrective Actions Sanitary Survey (CASS) from 2021 unresolved. No annual Nitrate, Lead/Copper samples collected since 2017. Last 3-year periodic Arsenic sample was in 2012. Last 3-year periodic VOCs was collected in 2014.	CASS (extend well casing to 12 in. and apply for separation distance waiver). Collect Nitrate, DBPs, VOCs, Arsenic and 10 sample set Lead & Copper (6 month).	None known
DAVIS	YKHC	14	CROOKED CREEK WATERING POINT / AK2280302 (147 / C)							1											5							Corrective Actions Sanitary Survey (CASS) from 2021. Original deadline due date extended to 08/31/24 to allow time to work with engineering regarding separation distance waiver. Only 1 Lead & Copper sample submitted in 2024.	Correct significant deficiency or provide updated action plan. Sample 5 sample set every 6-month Lead & Copper ASAP.	None known

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ROBERTS	Maniilaq	60	DEERING UTILITY SYSTEM / AK2340222 (160 / C)										10							3	4							PWS exceeds DBPS and missed quarterly samples. Overdue for lead/copper monitoring, last sample in 2022), where they continued to exceed the 90th percentile action level for copper. Overdue certification for lead consumer notifications.	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 and quarterly DBP samples, and complete all public notice and reporting requirements.	System must upgrade their treatment. VSW received funding for Phase II WTP improvements to address corrosion control and DBPs. Per meeting with VSW 7/23/24, Ph-1 work should be completed by the end of 2024 if a contractor can be hired. Design for Phase II is expected to be begin soon. For the WTP Ph-1 upgrades, insurance is being sorted out for the purposes of initiating force account work.
SHARP	NSHC	91	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)				1					11								3								Exceeds the RAA MCL for Arsenic and Nitrate due to poor source quality. They have not been submitting complete MOR due to lack of an operator and have not been reporting a detectable chlorine residual with their monthly TCR samples.	System needs to install treatment to address Nitrate, Arsenic, and SWTR. Complete and submit Monthly operator reports. Report detectable chlorine residual with next monthly TCR sample.	A new WTP is currently under construction to meet SWTR, nitrate and arsenic MCLs, and corrosion control. A temporary WTP was placed into operation 2024 but has not received approval because it has not met conditions of operation (pressure differential, CT documentation and reporting). Permanent WTP is expected to begin operation summer 2025. The WST was cleaned in August 2024 to improve water quality issues.
AGUE	YKHC	12	EMMONAK WATER SYSTEM / AK2270299 (820 / C)					1												3								Submitted an incomplete Level 1 Assessment in 2023 and did not complete and sign multiple Operational Evaluation Level (OEL) reports triggered in 2022 and 2023.	Complete Level 1 Assessment and OEL reports.	None known
MURRAY	No RMW	16	FOREST PARK TC / AK2210794 (175 / C)							2											1							PWS last collected lead and copper samples in 2020, last sample due in 2023. Overdue for correcting Survey deficiencies (GWR) from 2016 and 2019 surveys, system reportedly does not have the financial capacity to address the deficiencies.	System must submit engineering plans to correct deficiencies. System must sample for lead and copper in their distribution system.	System has ongoing issues with maintaining pressure.
ROBERTS	DEC	36	GULKAN/A VILLAGE / AK2380214 (90 / C)										7															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.	A new WST was placed into service on 10/10/24 and was designed to reduce thermal stratification; this could reduce water age in tank and help with reduction in DBP formation.
NAKANISHI	No RMW	11	HOMER DRIVE APTS. / AK2215566 (50 / C)							2																		Significant deficiencies overdue since 2023. DEC engineering is waiting for the separation distance waiver application to process both at the same time.	System needs to submit a separation distance waiver application.	None known
CAHILL	No RMW	13	KING FOR A DAY / AK2299036 (53 / NC)					2								2												Overdue for SSUPs in 2023 or 2024. Last TC and Nitrate sample results from 10/01/23. Certified letter sent when PWS moved to monthly TC due to # of violations, letter not picked up.	PWS can return to compliance by taking annual Nitrate and monthly Total Coliform. Needs to complete and return 2025 season SSUP.	None known

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BJORKMAN	DEC	94	KLAWOCK / AK2120169 (904 / C)										18															The WST was repaired and the Pax mixer was installed in September 2024. It is hoped that the mixer will help to lower the DBP levels.	Collect a set of DBP samples that allow for the LRAA for HAA5 to be calculated below the MCL.	None known
NAKANISHI	YKHC	18	KONGIGANAK WATER SYSTEM / AK2271025 (547 / C)														13		3									DBP's overdue since 2021. System has not taken required number of Treatment plant Chlorine residuals since 11/2023.	Sample for DBP's in December 2024, take required number of chlorine residuals from treatment plant per month.	A new WTP being designed with corrosion control included.
NAKANISHI	YKHC	20	KOTLIK WATER SYSTEM / AK2272004 (617 / C)										3								1							PbCu overdue since 2023. DBP TT violations reoccurring quarterly due to TOC % ratio but approaching compliance.	Continue to sample for TOC and Alkalinity and sample for Lead and Copper	None known
SHARP	No RMW	99	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3234 / C)										19															Exceed TTHM & HAA5 LRAA MCL but are actively working to resolve issue with new treatment system.	The new ultrafiltration-nanofiltration membrane treatment system began its operation in December 2022, however, the system is still experiencing high DBPs. System needs to optimize their treatment system to reduce the DBP levels.	Monitoring of new WTP will continue throughout the interim operation period (extended until June 2025). DBP precursor removal data is to be analyzed by the design engineering firm to determine what adjustments to treatment are necessary to improve DBP results. Elevated manganese levels in winter continue to be an issue. Long term fixes are being designed for implementation this fall/winter and include possibly installing greensand filtration pre-treatment; this may also have an effect on DBP precursor removal.
BARNES	No RMW	12	KSD ANIAK SECONDARY SCHOOL / AK2271732 (80 / NTNC)											1	1						1					2	RTCR sample siting plan overdue since May 2024. Public education for lead overdue since 2021. System did not post public notice for lead in 2021.	Operator needs to post public notice for lead, distribute public education for lead, and submit overdue RTCR sample siting plan.	None known	
AGUE	YKHC	20	KWETHLUK NEW PIPED WATER SYSTEM / AK2272017 (760 / C)		1								1				1											Has open TT violations for failure to meet required TOC removal ratios and low chlorine residuals reported on monthly operator reports since June 2024.	Submit complete monthly operator report with adequate chlorine readings. Sample TOC and alkalinity consistently and increase removal ratio.	None known
BARNES	YKHC	78	KWIGILLINGOK WASHETERIA / AK2271700 (400 / C)								2						55		5	2							Last VOC, Nitrate, and HAA5 samples taken 2021. Last TTHM sample taken 2014. Last Lead/Copper sample taken 2017. Last LT2 sample taken in 2017.	Operator needs to sample for VOC, Nitrate, HAA5, TTHM, Lead and Copper, and LT2 sampling.	None known	
AGUE	YKHC	11	LOWER KALSKAG WATER SYSTEM / AK2270697 (302 / C)							1											1							System has open significant deficiencies from their 2023 sanitary survey, and did not distribute lead consumer notices following 2022 sampling.	Correct deficiencies and distribute lead consumer notices.	Sanitary survey identified issues with well drainage, and several insufficient air gaps and potential cross connections in the water treatment plant.
NAKANISHI	YKHC	19	MERTARVIK WATER SYSTEM / AK2272756 (170 / C)								3																	VOC's overdue from 1st qtr 2024. Nitrate overdue since 2020	Sample for VOCs and Nitrate	None known

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NAKANISHI	YKHC	17	NAPASKIAK WEST WATER SYSTEM / AK2260139 (200 / C)							2								1	1	1								DBP's and PbCu overdue since 2023. Significant Deficiencies from 2018 and 2022 surveys with due date of 4/13/2024 remain unresolved.	Sample for DBP's and PbCu. Correct significant deficiencies.	The bottom of the WTP floor has burst and the storage tank is falling through building.
AGUE	YKHC	11	NIGHTMUTE NEW WATERING POINT / AK2271721 (243 / C)					1	1																			System has open sanitary defects and significant deficiencies identified in a 2022 Level 1 Assessment and Sanitary survey, respectively.	Correct all open defects and deficiencies.	Sanitary survey and Level 1 Assessment identified inadequate backflow prevention and non-NSF certified material at the watering point as well as improper drainage around the well.
DAVIS	DEC	12	NONDALTON / AK2260260 (205 / C)																	5				4				No DBPs sampled since 2020. System has submitted SOC waiver renewal for the 2023-2025 monitoring period and is under review.	Collect annual DBP samples.	None known
NAKANISHI	YKHC	32	NUNAM IQUA WATER SYSTEM / AK2270207 (213 / C)										6						1									DBPs overdue since 2nd quarter 2024. TOC % removal ratio has been insufficient since 2022	Sample for Total Organic Carbon and Alkalinity.	None known
CAHILL	No RMW	11	PALMER LIFEWAYS DAYCARE / AK2226055 (56 / NTNC)									2																PWS exceeds Arsenic MCL.	PWS can return to compliance by testing below the Arsenic MCL after receiving approval to operate Arsenic treatment system.	None known
AGUE	No RMW	11	PETER PAN SEAFOODS PORT MOLLER / AK2261216 (140 / NC)						1							1												System has an open violation for not meeting SWTR requirements, and missed their last Total Coliform sample in 2023. System did not operate publicly in 2024. Ownership change expected in 2025.	Finish system upgrades and conduct routine TC sampling once operating publicly.	System does not add coagulant prior to filtration and must do so in order to meet surface water treatment requirements.
BARNES	YKHC	56	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)						1	2						1					24	1	5	5				PWS does not meet applicable water treatment and filtration requirements. CCR certification forms were not submitted 2016-2022. RTCR Sample Siting Plan is overdue. Last Nitrate sample taken 2021, last VOC 2012, last Lead and Copper 2005, and last IOC sample taken 2005. RTC'd TC violations from 2022-2024 with TC samples taken Aug 2024.	Operator needs to develop RTCR and PbCu Sample Siting Plans, take samples for PbCu, TC, VOC's, and nitrate. SOC waiver has been submitted and is under review.	No filtration or disinfection installed.
HARRIS	DEC	33	PORT PROTECTION / AK2121123 (60 / C)	2				1	1																			Classified as a GWUDISW and has not installed filtration/ disinfection. Has not completed all RTCR Assessments triggered by TC+/EC+ sampling. System submitted plans to perform source infiltration gallery upgrades in 2024 to improve testing results. System submitted a CIP planning grant request to VSW to fund infiltration gallery improvement. but needs to include treatment installation.	Install filtration & disinfection treatment system. Hire third-party surveyor to perform Level 2 Assessment.	Remote system with no electrical grid or financial means to install treatment system. Source water infiltration gallery currently intaking raw water & substrate deposits from creek.

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HOULIHAN	No RMW	23	SET FREE ALASKA SNODGRASS / AK2220483 (47 / NTNC)									4							1				1					Issues go back to 2022. System classification under review by DEC engineer, may become a Non-Public pws due to reduced population, pending that review.	In current status system would need to replace one faucet and begin engineering for CCT	None known
AGUE	YKHC	34	SHAGELUK WATER SYSTEM / AK2280040 (60 / C)								2							9	4	4		1					System has a new operator as of mid-October 2024. System last sampled for nitrate and lead and copper in 2021, and DBPs in 2011. Primary source is classified as Vulnerable Groundwater, but system does not submit monthly chlorine reports.	Collect nitrate, lead and copper, and DBP samples ASAP. Submit a complete monthly operator report.	None known	
HARRIS	DEC	94	TATITLEK WATER SYSTEM / AK2291130 (95 / C)																								PWS has ongoing DBP MCL exceedance. PWS exceeding Lead at one location. On 7/10/24, DW Program staff met with PWS to discuss actions for DBP MCL & Lead AL resolutions. System will continue to work with NUS, ANTHC & RMW on updating chlorine injection equipment.	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.	
AGUE	YKHC	36	TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)					1		2				1				1	3		7						System has new operator, they attended training in October 2024. Overdue for arsenic or lead/copper (last collected 2020) and has not conducted required follow up testing after a lead exceedance in 2016. Level 1 Assessment triggered in 2023 was not conducted. System did not consult with DEC regarding significant deficiencies identified in the 2021 sanitary survey and some deficiencies remain open.	Collect arsenic and lead and copper samples. Complete Level 1 Assessment and address open significant deficiencies.	System on long-term Boil Water Notice due to inadequate well seal and inconsistent TC sampling.	
SHARP	No RMW	10	VALLEY WATER COMPANY / AK2310926 (1575 / C)											1													System has been exceeding the copper action level since the 1990's and has not installed corrosion control. Recent 2024 sample set continued to exceed.	System must install corrosion control to address ongoing copper corrosion issues.	Valley Water does not have corrosion control treatment. Currently PWS is applying for an EPA WIIN grant to implement some of the corrective actions in the Master Plan, including copper exceedance.	
SHARP	NSHC	42	WALES WATER SYSTEM / AK2340191 (173 / C)												7										2		System exceeds the RAA MCL for Uranium. System failed to collect lead and copper sample set during 2023.	New source and WTP project to address Uranium MCL has been completed, but due to low production from the well, the system has not yet collected a sample to verify levels with the new plant. System must continue to collect quarterly Uranium samples and post applicable public notice until the new well and system are online and levels reduce. System must collect lead and copper sample set before the end of 2024.	New surface water source and a WTP were constructed and placed into operation from August to September 2024. The new source was not producing enough water to sustain the community and began using either a blend of surface water and groundwater or groundwater only in October 2024 to fill the remainder of the WST for the winter. System will collect a uranium sample from the tank to evaluate levels.	

DW Program Staff Contact Information

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

Staff: Jamie Bjorkman (Acting Program Coordinator) 262-3423, Patrick Houlihan (EPS) 262-8207, Jessica Cahill (EPS) 376-1824, Charity Bare (Engineering Supervisor) 262-3400

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

Staff: Teslyn Hakala (Program Coordinator) 451-3038, Michael Sharp (EPS) 451-2178, Jenny Roberts (EPS) 451-2137, Gretchen Keim (EPS) 451-2231, Johnny Mendez (Engineering Supervisor) 451-5193.

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

Staff: Leslie Morrison (Acting Program Coordinator) 269-7619, Elizabeth Nakanishi (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Monica Ague (EPS) 269-7653, John Davis (EPS) 262-8201, Karis Barnes (EPS) 262-8204, Chris Pletnikoff (Engineering Supervisor) 269-6064.

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

Staff: Jamie Bjorkman (Acting Program Coordinator) 262-3423, James Latimer (EPS) 262-3410, Christina Harris (EPS) 262-3420, Charity Bare (Engineering Supervisor) 262-3400

GENERAL ETT QUESTIONS: Jeanine Vance (EPM) 269-2007, Karen Garland (EPS) 269-7576, Eric Burg (EPS) 262-3401

Link to DW Program Directory
(contact information)

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

Resource Links

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-dcced.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

IFE= Individual Filter Effluent

RMW= Remote Maintenance Worker

ANTHC= Alaska Native Tribal Health Consortium

IOC= Inorganic Chemicals

RTC= Return to compliance (fall off ETT list)

BACTI or t-Coli = Total Coliform Sample

LCR= Lead/Copper Rule

RTCR= Revised Total Coliform Rule

BWN= Boil Water Notice

LRAA= Locational Running Annual Average (Stage 2)

SOC= Synthetic Organic Chemicals

CCR= Consumer Confidence Report

LT1= Long Term 1 Enhanced Surface Water Treatment Rule

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

CFE= Combined Filter Effluent

LT2= Long Term 2 Enhanced Surface Water Treatment Rule

SSUP = Seasonal Startup Procedures

DPB= Disinfection by Products

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

TC= Total Coliform (also called Bacti)

DSRD= Distribution Chlorine Residual

MCL= Maximum Contaminant Level (type of violation)

TOC= Total Organic Carbon

EHO= Environmental Health Officer

MOR= Monthly operator report

TCR= Total Coliform Rule

EP= Entry Point

NOV= Notice of Violation

TT= Treatment Technique (violation)

EPA= Environmental Protection Agency

OCC= Optimal corrosion control (Lead/Copper Rule)

TTHM= Total Trihalomethanes (Stage 1 Rule)

EPRD= Entry Point Residual Distribution

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

VOC= Volatile Organic Chemicals

ETT= Enforcement Targeting Tool

PER= Preliminary Engineering Report

VSW= Village Safe Water

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

PN= Public Notice

WTP= Water Treatment Plant

GAC= Granular Activated Carbon

PWS= Public Water System

GWUDI= Groundwater under the direct influence of surface water

RAA= Running Annual Average

HAA5= Haloacetic Acids (Stage 1 Rule)

Rads= Radionuclides Rule