

January 2022 ETT List (Updated 02/24/2022)

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 February 3, 2022.

Staff	RMW	Est. New ETT Score	System Information	10 Pt.		5 Point					1 Point										General Comments	How to Return to Compliance	Known Hardware Problems																
				SW	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	Rad's	RTCR	SW	GWR	Arsenic	DBPs	LCR	IOC				VOC	SOC	Rad's	CCR	PN											
ZELLMER	DEC	23	AKHIOK / AK2250037 (90 / C)							2																1	6			1	2							<p>Last sampled for annual Nitrate in 2018, Arsenic in 2009, DBPs in 2018, IOCs in 2010, and VOCs in 2018.</p> <p>Sample for annual Nitrate, Arsenic, DBPs, IOCs, and VOCs.</p>	N/A
VANSANDT	DEC	60	AKUTAN / AK2260252 (95 / C)							1																											<p>Last sampled for annual Nitrate in 2019, VOCs in 2019, Lead/Copper in 2014, DBPs in 2018, and failed to monitor for LT2 since 2017. Last sampled for TC or associated distribution chlorine residual in 05/2021. System fails to comply with monitoring reportedly due to lack of sufficient funding and staffing.</p> <p>In 2022, sample for Nitrate, monthly TC, VOCs, Lead/Copper, DBPs, E. coli (LT2). Submit adequate monthly operator reports timely.</p>	N/A	
STATZ	YKHC	77	ALAKANUK WATER SYSTEM / AK2270362 (570 / C)			1																															<p>Last sampled for VOCs in 2015, and DBPs in 2015. Incomplete E. coli (LT2) sampling in 2021. No CCR submitted for 2020. Overdue corrective actions from 2021 Level 1 assessment. System fails to comply with monthly operator reports.</p> <p>Sample for VOCs, DBPs, and E. coli (LT2). Submit CCR certification page for 2020. Address corrective actions. Submit adequate monthly operator reports timely.</p>	N/A	
VANSANDT	No RMW	21	ALASKA RAINBOW LODGE / AK2261680 (36 / NC)							2																											<p>Last sampled for Nitrate in 2018 and TC in 08/2019.</p> <p>If operating in 2022, sample for Nitrate and TC.</p>	N/A	
BJORKMAN	No RMW	11	ALPINE INN / AK2244808 (30 / NC)			1																															<p>Failed to submit Seasonal Start-Up procedures and conduct a Sanitary Survey.</p> <p>Submit a SSUP form and conduct a Sanitary Survey.</p>	N/A	
LATIMER	DEC	12	ANGOON PUBLIC WATER / AK2130017 (450 / C)																																		<p>Currently exceeding the MCL for TTHM. No CCR submitted for 2020.</p> <p>Sample for quarterly TTHM to be calculated below the MCL. Submit CCR certification page for 2020.</p> <p>Working with RMW's to fix multiple issues -recently made repairs to increase filtration efficiency via fixed 2nd source pump, coagulant dosing now flow paced, and more.</p>	N/A	
MORRISON	YKHC	34	ANVIK WATER SYSTEM / AK2280171 (96 / C)																																		<p>Last sampled for Nitrate in 2017, TC in 10/2020, DBPs in 2010, Lead/Copper in 2016, IOCs in 2010. Failed to collect a triggered source sample after TC+ result in 2018.</p> <p>Sample for Nitrate, TC, DBPs, Lead/Copper, and IOCs.</p>	N/A	
GILLESPIE	No RMW	11	BEAR CREEK RV PARK / AK2240773 (62 / NC)							1																											<p>System overdue for Nitrate sample. PWS was closed in 2020 and operating on limited basis in 2021 due to pandemic.</p> <p>Sample for Nitrate and have a sanitary survey conducted.</p>	N/A	
MORRISON	No RMW	27	BETHEL-CITY S/D WATER / AK2271999 (1650 / C)																																		<p>Currently exceeding MCL for HAA5. Last sampled for DBPs in 2nd quarter 2021.</p> <p>Sample for HAA5 to be calculated below the MCL and DBPs</p>	N/A	
SHARP	TCC	16	CHALKYITSIK VILLAGE WATER / AK2300183 (76 / C)																																		<p>System currently exceeding DBP LRAA MCL. New operator currently being trained and has begun submitting completed MORs.</p> <p>Adjust treatment and collect DBP samples until LRAA return to below MCL.</p> <p>The 2013 upgrades required monitoring to determine when GAC filter media should be changed to ensure the GAC filtration is working. To date guidelines for adequate change out frequency of GAC media have not been fully documented for this WTP. Adequate change out frequency reduces chances of DBP exceedance.</p>		

ZELLMER	YKHC	12	CITY OF HOOPER BAY / AK2270312 (1200 / C)																	1									2	Overdue sanitary survey deficiencies. No CCR submitted for 2019 and 2020.	Address overdue sanitary survey deficiencies. Submit CCR certification page for 2019 and 2020.	N/A						
ZELLMER	BBAH C	21	CLARKS POINT WATER SYSTEM / AK2260202 (128 / C)																		3								1	1	1	Last sampled for Nitrate in 2017, periodic Arsenic in 2012, IOCs in 2004, VOCs in 2014.	Sample for Nitrate, Arsenic, IOCs, and VOCs.	N/A				
ZELLMER	YKHC	18	CROOKED CREEK WATERING POINT / AK2280302 (147 / C)																		1									8	1	Overdue sanitary survey deficiencies from 2018 inspection. Last sampled for TC with associated distribution chlorine residual in 2020, annual DBPs in 2016, and Lead/Copper in 2020.	Address sanitary survey deficiencies. Sample for DBPs and Lead/Copper in 2022.	N/A				
SHARP	NSHC	28	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)																		1											Currently exceeding RAA MCL for Arsenic and Nitrate and is performing required quarterly Tier 2 PN and MCL exceedances. New operator currently being trained and has begun submitting MORs and TC samples.	Install treatment to address current Arsenic and Nitrate MCLs.	A PER was finalized. ANTHC conducted a pilot study in July 2021 to help refine the design for treatment plant upgrades. The WST is reported to have some internal corrosion and sediment build-up that may be contributing to water quality issues.				
MORRISON	YKHC	38	EMMONAK WATER SYSTEM / AK2270299 (820 / C)																												1	2	System has TTHM MCL exceedances and overdue Public Notices. No CCR submitted for 2020.	Continue sampling quarterly DBPs. Submit overdue Public Notices and CCR certification page for 2020.	Hardware improvements funded through VSW.			
NAKANISHI	No RMW	25	FOREST PARK TC / AK2210794 (175 / C)																													2	Overdue sanitary survey deficiencies from 2016 and 2019 survey. Last sampled Well 2 for VOC in 3rd quarter 2019, and RADs in 1st quarter of 2020.	Address sanitary survey deficiencies. Communicate with DEC engineers regarding NOV.	Modifications to distribution system are temporary.			
SHARP	TCC	39	GALENA WTP1 - CITY / AK2360272 (490 / C)																													7	Currently exceeding the MCL for TTHM and HAA5, and has since 4th quarter 2019. Did not complete routine Lead/Copper monitoring in 2020 due to COVID-19.	Optimize or upgrade treatment system to limit DBP formation and increase TOC removal. Sample for Lead/Copper.	ANTHC is developing a project to rehabilitate WTP1 controls and automation, change coagulants since current polymer is not effective, and expand coagulant testing to see if DBP precursor removal can be improved. A new conventional package WTP to help with DBP reduction is planned. Construction approval was granted for an interim project to install GAC filters and also change the coagulant to help reduce DBP formation. Construction expected by mid February 2022.			
LATIMER	No RMW	13	GEORGE INLET CANNERY / AK2121501 (129 / NC)																													1	1	1	System did not operate in 2020 or 2021 season due to dependence on cruise ships for customers and because of COVID-19 there were no ships in port the past two seasons.	In 2022 submit SSUP procedures, and sample for Nitrate and TC.	N/A	
STATZ	YKHC	69	GRAYLING WATER SYSTEM / AK2280066 (195 / C)																														33	2	1	System struggles to consistently meet SW turbidity monitoring requirements. Last sampled for E. coli (LT2) in 02/2018, DBPs in 2020, Lead/Copper in 2019. No CCR submitted for 2020.	Submit a completed MOR that meets SWTR requirements. Sample for E. coli (LT2), DBPs, and Lead/Copper. Submit CCR certification page for 2020.	System on long-term BWN due to inadequate treatment.

SMELTER	DEC	21	GULKANA VILLAGE / AK2380214 (90 / C)																			4													Currently exceeding the MCL for TTHM.	Optimize or upgrade treatment system to limit DBP formation and increase TOC removal.	Source is reported to be impacted by excess sediment and debris, which has caused issues with water treatment. ANTHC has been working with the operator on O&M to improve infiltration gallery flushing to reduce sediment reaching the WTP.	
BJORKMAN	No RMW	21	HOLLIS SCHOOL / AK2120541 (42 / NTNC)																			2				7					2	1				Currently exceeding the MCL for DBPs. Last sampled for E. coli (LT2) in 2020.	Sample for DBPs and submit completed MOR.	System on long-term BWN due to inadequate treatment.
BJORKMAN	DEC	44	HYDABURG / AK2120224 (415 / C)																																Currently exceeding the LRAA for HAA5. The last few quarters the analyzing lab has not received the HAA5 sample within hold time, only the TTHM results are received.	Collect complete set of DBPs that allow the LRAAs for HAA5 to be calculated below the MCL.	N/A	
LATIMER	No RMW	13	JERSEY SUBS KASILOF / AK2249994 (42 / NC)																			2													Last sampled for TC in 07/2021. No 2021 Seasonal Start-Up Procedures submitted.	In 2022 submit SSUP procedures, and sample for TC.	N/A	
BJORKMAN	DEC	61	KAKE MUNICIPAL WATER / AK2130083 (415 / C)																																Currently exceeding the LRAA for HAA5.	Collect set of DBPs that allow the LRAAs for HAA5 to be calculated below the MCL.	N/A	
BJORKMAN	DEC	53	KLAWOCK / AK2120169 (904 / C)																																Currently exceeding LRAA for HAA5.	Collect set of DBPs that allow the LRAA for HAA5 to be calculated below the MCL.	System is looking into system modifications/upgrades and have projects in process with ANTHC.	
GARLAND	No RMW	99	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3234 / C)																																Currently exceeding the MCL for TTHM/HAA5, and has been for HAA5 since 2015 and TTHM since 2019.	Upgrade current treatment.	Plans for a new membrane filtration system, which will help reduce DBPs. WTP construction began summer 2021 and completion is expected for fall 2022.	
ZELLMER	No RMW	13	KSD ANIAK SECONDARY SCHOOL / AK2271732 (80 / NTNC)																																Overdue survey deficiencies. Not all required corrosion control steps performed. Has not verified performance of required public notification for Lead/Copper exceedances.	Address sanitary survey deficiencies. Perform required corrosion control steps. Verify public notification requirements have been satisfied.	N/A	
STATZ	YKHC	46	KWIGILLINGOK WASHETERIA / AK2271700 (338 / C)																																Last sampled for TC in 8/2021, E. coli (LT2) in 07/2017, TTHM in 2014, Lead/Copper in 2017. Submitted 2020 CCR form late.	Sample for TC, E. coli (LT2), TTHM, and Lead/Copper. Submit 2021 CCR on time.	The system is on a long-term BWN due to heat trace issues/failure.	
VANSANDT	No RMW	15	L&PSD NEWHALEN SCHOOL / AK2260634 (73 / NTNC)																																	School needs to work with DEC engineering section to address their separation distance deficiency (2013 & 2019 survey's outstanding deficiency).	Address survey deficiencies. Specifically, work with DEC engineers on whether to apply for separation distance waiver, resolve with corrective action, or plan with timelines.	N/A
MORRISON	No RMW	11	LKSD MEKORYUK NUNIVAARMIUT SC / AK2270972 (67 / NTNC)																																	Overdue corrective actions from previous sanitary survey. Currently exceeding the MCL for TTHM.	Complete corrective actions to resolve survey deficiencies. Sample of DBPs that allow the LRAA for TTHM to be calculated below the MCL.	N/A
MORRISON	No RMW	11	LKSD NAPASKIAK Z J WILLIAMS SC / AK2270980 (148 / NTNC)																																	Overdue sanitary survey deficiencies.	Complete corrective actions to resolve survey deficiencies	N/A
MORRISON	No RMW	20	LKSD NEWTOK AYAPRUN SCHOOL / AK2272007 (175 / NTNC)																																	Currently exceeding MCL for TTHM.	Sample of DBPs that allow the LRAA for TTHM to be calculated below the MCL.	N/A

DW Program Staff Contact Information

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

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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, Vacant (EPS) 269-7521, Doug Zellmer (EPS) 269-3068, Leslie Morrison (EPS) 269-7518, Leah Van Sandt (EPS) 269-7653, Kalah Statz (EPS) 269-7647, Roy Robertson (Engineering Supervisor) 269-7631. *GENERAL ETT QUESTIONS:* Jeanine Vance (EPM) 269-2007, Kenna Billups (EPS) 269-8924, Eric Burg (EPS) 262-3401

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-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/dcrarepoext/Pages/PhotoLibrary.aspx>

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/23045/rmw-directory.pdf>

Definitions

AL= Action Level

HAA5= Haloacetic Acids (Stage 1 Rule)

Rads= Radionuclides Rule

ANTHC= Alaska Native Tribal Health Consortium

IFE= Individual Filter Effluent

RMW= Remote Maintenance Worker

BACTI or t-Coli = Total Coliform Sample

IOC= Inorganic Chemicals

RTC= Return to compliance (fall off ETT list)

BWN= Boil Water Notice

LCR= Lead/Copper Rule

RTCR= Revised Total Coliform Rule

CCR= Consumer Confidence Report

LRAA= Locational Running Annual Average (Stage 2)

SOC= Synthetic Organic Chemicals

CFE= Combined Filter Effluent

LT1= Long Term 1 Enhanced Surface Water Treatment Rule

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

DPB= Disinfection by Products

LT2= Long Term 2 Enhanced Surface Water Treatment Rule

TC= Total Coliform

DSRD= Distribution Chlorine Residual

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

TOC= Total Organic Carbon

EHO= Environmental Health Officer

MCL= Maximum Contaminant Level (type of violation)

TCR= Total Coliform Rule (Also called Bacti)

EP= Entry Point

MOR= Monthly operator report

TT= Treatment Technique (violation)

EPA= Environmental Protection Agency

NOV= Notice of Violation

TTHM= Total Trihalomethanes (Stage 1 Rule)

EPRD= Entry Point Residual Distribution

OCC= Optimal corrosion control (Pb/Cu Rule)

VOC= Volatile Organic Chemicals

ETT= Enforcement Targeting Tool

PER= Preliminary Engineering Report

FANLs= Facility Analyte Level (refers to SW/Stage 1 monitoring requirements)

PN= Public Notice

VSW= Village Safe Water

GAC= Granular Activated Carbon

PWS= Public Water System

WTP= Water Treatment Plant

GWUDI= Groundwater under the direct influence of surface water

RAA= Running Annual Average