

October 2019 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 December 6, 2019.

Program Staff	RMW	Est. New ETT Score	System Information	10 Point		5 Point					1 Point										General ETT Comments	How to Return to Compliance	Known Hardware Problems				
				SW	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	RTCR	TCR	SW	GWR	Arsenic	DBPs	LCR	IOC	VOC				SOC	Rads	CCR	
MORRISON	No RMW	12	AC ALASKA COMMERCIAL STORE /AK2270427 (475 / NTNC)																						System last sampled for DBPs in 2012.	Collect DBPs in December 2019 from Deli.	N/A
STATZ	YKHC	50	ALAKANUK WATER SYSTEM /AK2270362 (570 / C)					3																	System last sampled for annual Nitrate in 2015, quarterly HAA5/TTHM in 2015, Lead/Copper in 2012, and annual VOCs in 2015.	Sample for overdue contaminants including: Nitrate, HAA5/TTHM, Lead/Copper and VOCs.	N/A
MORRISON	YKHC	18	ANVIK WATER SYSTEM /AK2280171 (96 / C)					1																	System last sampled for DBPs in 2010, Lead/Copper in 2016 and Nitrate in 2017.	Sample for TTHM/HAA5 in July 2020. Sample for Lead/Copper and Nitrate in 2019.	N/A
MORRISON	YKHC	12	ATMAUTLUAK WATER SYSTEM /AK2271033 (311 / C)				2																		System last sampled for TTHM in 2016 and HAA5 in 2017. System has outstanding sanitary survey significant deficiencies from 2017 inspection.	Sample for TTHM and HAA5 in December 2020. Correct sanitary survey deficiencies.	N/A
BODYFELT	No RMW	26	BERING ST SD - TELLER SC/WASH /AK2340248 (295 / C)																						System has exceeded the Stage 2 TTHM LRAA MCL since 2nd quarter 2018. System has a new source online and will begin initial monitoring during 4th quarter 2019.	System will begin initial monitoring in 4th quarter 2019. It is anticipated that the new treatment and source (online in October 2019) may reduce the TTHM levels.	Interim Approval To Operate new LT2 compliant cartridge filtration system and new GWUDI source/intake granted in August 2019. Plan to use new source and filters when pumping water in 2019. New permanent filtration project is under design and expected to be submitted for plan review in 2020.
MORRISON	No RMW	13	BETHEL TRAILER COURT /AK2271148 (500 / C)		2																				System has two outstanding sanitary defects from combination Level 2 Assessment/Sanitary Survey in 2016.	Correct sanitary defects. Submit 2018 CCR certification form due in October 2019.	N/A
LITTLE	No RMW	12	CAMERON ACRES /AK2220473 (35 / C)																						System is working with an engineering firm to address Arsenic MCL. System is running various pilot tests on Point-of Use devices and awaiting results; then will decide on the best technology.	System needs to install treatment to address the Arsenic MCL exceedance.	System needs to install treatment to address the Arsenic MCL exceedance.
VANSANDT	BBAHC	18	CLARKS POINT WATER SYSTEM /AK2260202 (128 / C)				1	1							2										System last sampled for monthly TC in April 2019, annual Nitrate in 2017, and periodic Arsenic in 2012. System has outstanding sanitary survey deficiencies from 2013 inspection.	Sample for overdue contaminants including: TC, Nitrate, and Arsenic. Correct sanitary survey deficiencies.	N/A
VISSCHER	Maniilaq	49	DEERING UTILITY SYSTEM /AK2340222 (160 / C)																						System is exceeding MCL for DBPs. The TTHM LRAA MCL has been exceeded since 2nd quarter 2017 and the HAA5 LRAA MCL since 1st quarter 2019. System has not had sanitary survey conducted since 2015.	Upgrade current treatment and have a sanitary survey completed.	Phase I of installing a new direct filtration system with coagulation and pressure sand filters is under construction prior to DW Program granting Approval To Construct. VSW has received Phase II funding and with funds are completing Phase I. Construction completion deadline is unknown. Phase II will address corrosion control and DBPs.
MURRAY	No RMW	13	FOREST PARK TC /AK2210794 (175 / C)				1																		System is overdue for VOCs and Rads samples. System has outstanding sanitary survey deficiency from 2016 inspection.	Sample for VOCs and Rads. Correct sanitary survey deficiency.	System has pressure issues, and ongoing maintenance problems.
STATZ	YKHC	57	GRAYLING WATER SYSTEM /AK2280066 (195 / C)																						System does not consistently submit complete MORs.	Submit complete MORs.	N/A
LITTLE	No RMW	26	HEALTH QUEST THERAPY INC /AK2226049 (165 / NTNC)																						System has exceeded Arsenic MCL since 2017. DW Program received an engineering submittal to address the Arsenic exceedance on 11/1/2019.	Install treatment to address the Arsenic MCL exceedance.	N/A
BJORKMAN	DEC	26	HYDABURG /AK2120224 (415 / C)		1																				System failed to submit 2018 Level 1 Assessment form. DBP samples collected were both over the MCL.	Submit Level 1 Assessment form or complete sanitary survey due in 2019. DBP LRAA needs to be below the MCL.	N/A
BJORKMAN	DEC	17	KAKE MUNICIPAL WATER /AK2130083 (415 / C)																						System missed one set of DBP samples in the last 12 months. First set of Lead/Copper sampling was collected over the new year and split between 2018 and 2019.	Collect DBPs that allow the LRAA to be below the MCL for HAA5 and collect a full set of Lead/Copper samples.	N/A
BJORKMAN	No RMW	79	KB SUB. WATER SERVICE ASSOC. /AK2243658 (170 / C)																						Most recent Arsenic sample (15.3 mg/L) is still exceeding MCL with new wells. System will need to work with engineers to find a different solution.	Collect Arsenic samples that allow the average to be below the MCL. Submit well yield test and updated plan to address Arsenic MCL exceedance.	Arsenic in ground water; no onsite public wastewater system to accommodate treatment backwash. City of Soldotna water connection not readily available.
BJORKMAN	DEC	12	KLAWOCK /AK2120169 (904 / C)																						System has elevated DBP levels, but PWS staff are working on a solution. Waiting on confirmation on CCR certification.	Collect DBPs that allow the LRAA to be below the MCL for HAA5.	N/A

Program Staff	RMW	Est. New ETT Score	System Information	10 Point	5 Point								1 Point								General ETT Comments	How to Return to Compliance	Known Hardware Problems	
				SW	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	RTCR	TCR	SW	GWR	Arsenic	DBPs	LCR	IOC	VOC				SOC
VISSCHER	Maniilaq	15	KOBUK WATER SYSTEM /AK2340565 (93 / C)				2															System has outstanding sanitary survey deficiencies (failure to have a certified Operator, failure to have the chemical feed pump controlled by a flow switch) identified from 2012 and 2015 inspections respectively.	Work with the Operator Training and Certification Program to develop a training plan and testing schedule for the current Operator(s). System must also replace current flow switches to ensure chemical feed pumps are operating as designed.	Inadequate well yield. Well screen needs cleaning and well filter pack redeveloped before determining if well is able to produce enough for community. Distribution system is subject to freezing. Design for WTP replacement is in works.
STATZ	YKHC	108	KONGIGANAK WATER SYSTEM /AK2271025 (539 / C)	10										4								System fails to meet EP chlorine residual level requirements. Last sampled for annual HAA5 in 2014.	Submit complete MORs with EP chlorine residual levels that meet the federal requirement of 0.2 mg/L. System must also submit a HAA5 sample.	N/A
VISSCHER	No RMW	94	KOTZEBUE MUN. WATER SYSTEM /AK2340060 (3234 / C)																			System is exceeding MCL for DBPs. The HAA5 LRAA MCL has been exceeded since 1st quarter 2015 and the TTHM LRAA MCL since 2nd quarter 2019.	Upgrade current treatment.	Plans for a new micro-nano membrane filtration system were submitted for Construction Approval on 10/22/2019 with construction scheduled for 2020.
STATZ	YKHC	87	KWETHLUK NEW PIPED WATER SYSTEM /AK2272017 (760 / C)	8									3									System fails to meet EP chlorine residual level requirements. System last submitted complete MOR in December 2018, and last sampled for annual Lead/Copper in 2016.	Submit complete MORs with EP chlorine residual levels that meet the federal requirement of 0.2 mg/L. System must also submit Lead/Copper samples.	N/A
MORRISON	No RMW	13	LKSD TUNUNAK PAUL ALBERT HS /AK2270613 (385 / C)	1																		System took too few Lead/Copper samples in 2016 and has not been meeting monthly State required chlorine residual levels.	Meet monthly State required chlorine residual, and collect 5 Lead/Copper samples in 2019.	N/A
VANSANDT	No RMW	13	MANOKOTAK WATER SYSTEM /AK2260090 (293 / C)				1							1								System last sampled for Arsenic in 2013, periodic VOCs in 2013, and cyclic Rads & Gross Alpha in 2006. System has outstanding sanitary survey deficiencies (separation distance, well vent unscreened, and lack of proper well sanitary seal) from 2017 inspection.	Sample for overdue contaminants including: Arsenic, VOCs, Gross Alpha and Rads in 2019. Correct sanitary survey deficiencies.	N/A
MORRISON	YKHC	17	NATIVE VILLAGE OF SLEETMUTE /AK2271874 (82 / C)	1									1									EP chlorine residual on MOR is often below 0.2 mg/L. System is not submitting distribution chlorine residual with monthly TC sampling. System last sampled for DBPs in 2017.	Submit distribution system chlorine residual associated with TC sample. By the 10th of each month, submit MORs with EP residual above 0.2 mg/L. Collect DBPs in August 2020.	N/A
STATZ	YKHC	34	NIGHTMUTE NEW WATERING POINT /AK2271721 (243 / C)					2						1	11	1	1	4	1			System last sampled for annual Nitrate in 2016, Arsenic in 2003, annual Lead/Copper in 2007, IOCs in 2003, VOCs in 2003, SOCs in 2003, and Gross Alpha, combined Uranium and Radium in 2007.	Sample for overdue contaminants including: Nitrate, Arsenic, Lead/Copper, IOCs, VOCs, SOCs, Gross Alpha, combined Uranium, and combined Radium.	N/A
VANSANDT	No RMW	16	PETER PAN SEAFOOD PORT MOLLER /AK2261216 (140 / NC)		1	1																System failed to monitor for SW turbidity meeting FANLs (0.3 NTU) and fails to monitor for distribution chlorine residual at the same time/location as monthly TC sample.	Sample monthly TC with associated distribution chlorine residual, monitor for LT2, and monitor for turbidity and chlorine meeting all the FANLs then submit MORs to DW Program.	System does not meet SWTR due to lack of coagulant in their direct filtration units.
MORRISON	YKHC	72	PLATINUM CITY WATER SYSTEM /AK2271059 (51 / C)			1	4								13							System is classified as GWUDI but does not filter or treat. Has been on BWN since 2014 and last sampled for TC in 2018, Nitrate in 2014, VOCs in 2012, and has not submitted a RTCR Sample Siting Plan. System had Lead/Copper exceedances in 2005.	Install filtration/treatment, submit a RTCR Sample Siting Plan, and monitor for regulated contaminants.	No WTP to meet GWUDI/SWTR requirements. On BWN
MORRISON	YKHC	34	SCAMMON BAY WATER SYSTEM /AK2270184 (484 / C)	2									8		1	1						System has failed to meet State EP chlorine residual requirements since 2018. System last sampled for HAA5 in 2017 and is overdue for Lead/Copper sampling.	Submit regular MORs by the 10th of each month and meet State EP chlorine requirement (1.1 mg/L). Sample HAA5 in October 2020 and collect 5 Lead/Copper samples in 2019.	N/A
MORRISON	YKHC	16	SHAGELUK WATER SYSTEM /AK2280040 (60 / C)		2																	System last sampled for DBPs in 2011. System has outstanding sanitary defects from 2016 Level 2 Assessment.	Sample for DBPs in July 2020. Correct sanitary defects.	N/A
BODYFELT	NSHC	63	SHISHMAREF WATER SYSTEM /AK2340484 (572 / C)																			System has exceeded the Stage 2 TTHM LRAA MCL since the 1st quarter of 2015.	Continue changing out the GAC filter media every 500 K gallons to help lower the TTHM sample results in efforts to consistently remain under the MCL.	Changing GAC before it becomes exhausted should reduce DBP levels. The 1.3 MG WST needs repairs. Pending DW Program review for Final Approval. WST transmission main extension project has expired Interim Approval as of June 2018. Final Approval request needed.
GILLESPIE	No RMW	14	SNOWSHOE WATER SYSTEM /AK2223315 (180 / C)						2													System has exceeded the Arsenic MCL for three consecutive quarters.	Reevaluate the current process for addressing the Arsenic issue.	Believed to be leaks in the distribution line, causing an increase in the use of the high-Arsenic well.
BURG	DEC	11	TATITLEK WATER SYSTEM /AK2291130 (95 / C)						2													System is still exceeding HAA5 MCL.	Reduce quarter LRAA below the MCL of 60 ug/L for HAA5.	N/A

Program Staff	RMW	Est. New ETT Score	System Information	10 Point	5 Point					1 Point											General ETT Comments	How to Return to Compliance	Known Hardware Problems				
				SW	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	RTCR	TCR	SW	GWR	Arsenic	DBPs	LCR	IOC	VOC				SOC	Rads	CCR	
MORRISON	YKHC	11	TULUKSAK WATER SYSTEM /AK2270223 (373 / C)				1																		System last sampled for DBPs in 2016. System has outstanding sanitary survey significant deficiencies.	Sample for DBPs in September 2020. Correct sanitary survey deficiencies.	N/A
MORRISON	No RMW	15	TUNDRA CENTER WATER SYSTEM /AK2271473 (80 / NC)				2					2													System last sampled for Nitrate in 2016. Attempted to sample in 2019, but had trouble getting sample to the lab within hold time/temperature range.	Collect 2019 Nitrate sample, and complete a RTCR Sample Siting Plan.	N/A
MORRISON	YKHC	22	TUNTUTULIAK WASHETERIA AND WATERING PT /AK2271211 (350 / C)				1		1		1				1										System had a Lead AL exceedance in 2016, and an Arsenic exceedance in 2017. System has outstanding sanitary survey deficiencies.	Sample for Lead/Copper in 2019 and Arsenic in 4th quarter of 2019. Correct sanitary survey deficiencies.	System may be having problems with greensand filtration and permanganate treatment which led to increased Arsenic values.
SHARP	No RMW	11	VALLEY WATER COMPANY /AK2310926 (1575 / C)								1														System continues to exceed the Copper AL. Copper has been exceeded since December 1994. System working with an engineering firm to address financial and technical issues, and restore the system to a reliable and sustainable condition.	Install approved corrosion control treatment to address high Copper issue, and sample for Lead/Copper annually until issue is resolved. Complete 2019 sanitary survey.	System does not have corrosion control treatment. A new vertical turbine pressure pump was approved and installed in August 2019; Interim Approval To Operate request still pending.

DW Program Staff Contact Information

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

Staff: Amy Hill (Program Coordinator) 376-1861, Tee Little (EPS) 376-1860, Darryl Gillespie (EPS) 376-1824, Scott Fogue (Supervising Engineer) 262-3417

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

Staff: Marci Irwin (Program Coordinator) 451-2168, Dawn Bodyfelt (EPS) 451-2170, Teslyn Visscher (EPS) 451-3038, Michael Sharp (EPS) 451-2178, Lee Johnson (Engineering Supervisor) 451-2179

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, Vacant (EPS) 269-7517, Darryl Stepien (EPS) 269-7521, 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, Rachel Westbrook (EPS) 269-7630

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

Staff: Jeri Fogue (Program Coordinator) 262-3404, Eric Burg (EPS) 262-3420, Jamie Bjorkman (EPS) 262-3423, James Latimer (EPS) 262-3410, Scott Fogue (Engineering Supervisor) 262-3417

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/dcrepoext/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

<http://dec.alaska.gov/media/17140/rmw-directory-sfy20.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

VSW= Village Safe Water

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