

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	TCR	SW	GWR	Arsenic	DBP	LCR				IOC	VOC	SOC	Rads	CCR
VANSANDT	BBAHC	12	CHIGNIK LAKE WATER SYSTEM / AK2261096 (200 / C)							1	1																Last sampled for Nitrate in 2020 and TC in 11/2021. Corrective Action for booster station has not been completed (due 5/2020).	Sample for annual Nitrate in 2022. Address the outstanding corrective action.	N/A
ZELLMER	YKHC	13	CITY OF HOOPER BAY / AK2270312 (1200 / C)							1										1							Last sampled for DBPs in 2020. Overdue sanitary survey deficiencies. PWS has not confirmed or certified distribution of 2021 or 2020 CCR to consumers (a copy was received by DEC).	Sample for DBPs per approved sampling plan. Correct all unresolved sanitary survey deficiencies. Distribute current CCR and submit the completed CCR certification form to DEC.	N/A
ZELLMER	BBAHC	27	CLARKS POINT WATER SYSTEM / AK2260202 (128 / C)								4						1		1	1	1					Last sampled for Nitrate in 2017, Arsenic in 2012, IOCs in 2011, VOCs in 2014, and Lead & Copper in 2017.	Sample for annual Nitrate, Arsenic, IOCs, VOCs, and collect a 5 Lead & Copper sample set.	N/A	
HARRIS	DEC	26	COFFMAN COVE / AK2120436 (199 / C)																							System exceeding DBP Precursor (TOC) requirements since 2021.	System needs to achieve an RAA Ratio of 1.0 or above.	N/A	
ZELLMER	YKHC	27	CROOKED CREEK WATERING POINT / AK2280302 (147 / C)							1	1								11	2						System has four overdue sanitary survey deficiencies from 2018 inspection. Last sampled for Nitrate in 2020, DBPs in 2016, and Lead & Copper in 2020.	Correct the sanitary survey deficiencies. Sample for annual Nitrate. Collect routine monthly total coliform samples with dist. chlorine residual level (at same time/place as TC). Collect TTHM/HAA5 samples during 2022. Collect 5 Lead & Copper samples 1st half 2023 per approved plan.	N/A	
VANSANDT	No RMW	11	D & D RESTAURANT / AK2262660 (25 / NC)																						9	System did not monitor for total coliform in 2022.	Collect a monthly coliform sample, if operational in 2022.	N/A	
SHARP	NSHC	67	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)			1																				System currently exceeding RAA MCL for Arsenic and the MCL for Nitrate. System currently in compliance with public notice posting for MCL exceedances.	System needs treatment installed to address historic Nitrate and Arsenic MCLs.	ANTHC is planning to develop and install treatment plant upgrades to meet SWTR (Direct Filtration), Nitrate & Arsenic MCLs (GAC and ion exchange), and corrosion control (calcite contactor). WTP design 95% completion expected mid Aug. Final design for DEC review expected Sept-Oct. 2022.	
NAKANISHI	No RMW	15	FOREST PARK TC / AK2210794 (175 / C)								2															System has outstanding Sanitary Survey deficiencies from the 2016 and 2019 sanitary surveys. Last sampled Well 2 for Nitrate in 2020.	Sample Well 2 for Nitrate. Address sanitary survey deficiencies. Communicate with DEC engineers regarding NOV.	Modifications to distribution system are temporary.	
SHARP	TCC	51	GALENA WTP1 - CITY / AK2360272 (490 / C)																						9	Currently exceeding MCL for TTHM and HAA5. System exceeded Copper AL in 2018 and then had a single set of samples that were below the AL in the last half of 2019. Once COVID hit, the system has not been allowed to sample in homes and continues to have issues with the community allowing access for sampling with covid cases persisting.	Optimize or upgrade treatment system to limit DBP formation and increase TOC removal. System needs to submit 2 six month sets of lead/copper samples that are below the AL once community guidelines allow for sampling in homes to occur.	Galena will be replacing their aging WTP with a new conventional package WTP with dissolved air flotation process and GAC to help with DBP precursor reduction. Construction Approval request received in July 2022 and is pending review. Construction may not start until Spring 2023.	
LATIMER	No RMW	14	GEORGE INLET CANNERY / AK2121501 (129 / NC)							1															1	Awaiting confirmation of operation in 2022. System did not operate in 2020 or 2021 season due to lack of cruise ship customers due to COVID-19 there were no ships in port the past two seasons.	Complete all sampling and reporting and have a sanitary survey conducted during next operational season.	N/A	

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ZELLMER	YKHC	122	GRAYLING WATER SYSTEM / AK2280066 (195 / C)		7					1																	Struggles to consistently meet turbidity monitoring requirements. Last sampled for Nitrate in 2020, E. coli (LT2) in 02/2018, DBPs in 2020, and Lead & Copper in 2019. Last distribution CI residual was reported with 10/2021 TC sample.	Submit a completed MOR that meets SWTR requirements. Sample for E. coli (LT2), DBPs, VOCs and Lead/Copper. Provide a Chlorine residual collected at the same time and place as every total coliform sample.	System on long-term BWN due to inadequate treatment.
VANSANDT	No RMW	13	HEART OF THE SHIRE / AK2263061 (79 / NC)							1	1															1	Seasonal system missed annual nitrate in 2020. System has outstanding sanitary survey deficiency.	Sample for annual Nitrate, correct outstanding sanitary deficiency, and consistently monitor for monthly TC.	N/A
LATIMER	No RMW	13	HIGHLAND PRIDE MOBILE TRAILER PARK / AK2240503 (100 / C)							1																	System has not collected annual Nitrate sample since 2020 and has not completed annual CCR since 2019.	Sample for annual Nitrate and submit 2021 CCR (due in 2022) and CCR certification page.	N/A
BJORKMAN	No RMW	17	HOLLIS SCHOOL / AK2120541 (42 / NTNC)																								Last sampled DBPs June 2022, however the TTHM sample could not be analyzed and needed to be resampled. Result for TTHM resample has not been received to date. Monthly operator reporting is not submitted on time and is incomplete.	Submit a completed MOR on time. Collect a set of DBPs that can be analyzed.	N/A
BJORKMAN	DEC	59	HYDABURG / AK2120224 (415 / C)							1		10															System is overdue for annual Nitrate and Lead & Copper samples. System currently exceeding MCL for HAA5 LRAA.	Collect a set of DBP samples that allows the LRAA to be below the MCL for HAA%, collect an annual Nitrate sample and set of Lead and Copper samples asap.	N/A
BJORKMAN	DEC	79	KAKE MUNICIPAL WATER / AK2130083 (415 / C)																								Currently exceeding the LRAA for HAA5.	Collect a set of DBPs that allows the LRAAs to be calculated below the MCL.	N/A
BJORKMAN	No RMW	13	KB SUB. WATER SERVICE ASSOC. / AK2243658 (170 / C)																								System is exceeding Arsenic RAA and is working with the State to pursue WINN grant funding to install a treatment system.	Install treatment or find another long term solution to lower arsenic levels.	N/A
BJORKMAN	DEC	78	KLAWOCK / AK2120169 (904 / C)																								System is exceeding LRAA for HAA5.	Collect a set of DBP samples that allow for the LRAA for HAA5 to be calculated below the MCL.	N/A
ELMORE	No RMW	99	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3234 / C)																								System is exceeding the MCL for TTHM and HAA5; they have exceeded the HAA5 MCL since 2015 and the TTHM MCL since 2019.	System must upgrade their current treatment, which is expected to be completed by end of summer 2022.	Plans for a new micro-Nano membrane filtration system were approved for construction in 2020. The new WTP will help reduce DBPs. Construction began summer 2021, and completion date is expected for fall 2022.
ZELLMER	No RMW	20	KSD ANIAK SECONDARY SCHOOL / AK2271732 (80 / NTNC)							1	1															1	PWS has unresolved sanitary survey deficiencies from their last survey. Last nitrate sample was 9/17/2020. PWS has not taken all required corrosion control steps and has not verified performance of required public notification for lead & copper exceedances.	Correct sanitary survey deficiencies. Collect an annual nitrate sample. Perform required corrosion control steps. Verify public notification requirements have been satisfied.	N/A

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MORRISON	YKHC	14	OLD KASIGLUK - AKIUK / AK2272752 (240 / C)							1																		System missed deadline to consult with the State, and has open corrective actions from a sanitary survey. Has not sampled for total coliform or distribution system chlorine residual since September 2021.	Sample for total coliform and distribution system chlorine residual. Consult with the State regarding deficiencies, develop corrective action plan.	N/A
MORRISON	YKHC	57	OSCARVILLE WATERING POINT / AK2270061 (75 / C)							1																		Overdue for Nitrate, Arsenic, VOCs, IOCs, Rads, Lead/Copper. Has no history of DBP sampling and TC overdue as well. System does not submit the required MORs. No record of CCR completion for several years.	Sample for annual Nitrate, Arsenic VOCs, IOCs, Rads, Lead/Copper, DBPs, and monthly TC. Submit timely monthly operator reports. Complete and distribute 2021 CCR and submit certification to DEC.	System is on a long term BWN due to inadequate treatment.
MORRISON	YKHC	15	PILOT STATION WATER SYSTEM / AK2260163 (580 / C)							1	1																	Last sampled Nitrate in 2020, DBPs in 2020, and Lead/Copper in 2016. System has overdue Corrective Actions from sanitary survey.	Sample for annual Nitrate, DBPs in 3rd quarter, and Lead & Copper. Address outstanding sanitary survey deficiencies.	System is on a BWN since February 2021 due to inability to maintain adequate distribution system pressure.
BJORKMAN	No RMW	24	PIT BAR AND LIQUOR STORE / AK2240781 (250 / NC)																									Last sample Nitrate in 2020 and total coliform (with same time/place chlorine residual) in April 2021. MORs are not being submitted as required.	Sample annual Nitrate and monthly total coliform (with same time and place chlorine residual). Submit MOR every month by the 10th of the following month.	N/A
MORRISON	YKHC	51	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)							1																		Classified as GU but does not filter or treat. Did not monitor for IOCs during 2011-2019 cycle, annual VOCs since 2012, did not apply for SOC monitoring waiver, missed RAD sampling between 2008-2016, overdue for CCRs and Certifications. Still needs to submit RTCR Sample Siting Plan. Has not sampled for lead/copper since 2005 and is on a 6 month schedule.	Install filtration/treatment. Monitor for IOC, VOC, Rads, Lead and Copper in 2022. Apply for 2020-2022 SOC Initial Waiver. Submit overdue CCRs and CCR Certification forms. Submit RTCR sample siting plan and monitor for total coliform monthly according to plan.	No WTP to meet GU/SWTR requirements, not filter or treat, and has been on BWN since 2014.
LITTLE	No RMW	43	QUIET CIRCLE APARTMENTS / AK2224476 (90 / C)																									The system has been near or at the Arsenic MCL for years and placed on quarterly Arsenic monitoring in 2016. System only using well #2. Arsenic sample from well #2, collected May 2022 exceeded the MCL.	Install treatment to address the Arsenic MCL exceedance.	Construction contract to install POU treatment in place, POU components have been ordered. Construction is expected to be complete by August 12, 2022.
VANSANDT	No RMW	11	RED DOG INN / AK2260749 (145 / NC)								2																	Last sample Nitrate in 2019. New owner in 2021.	Sample for annual Nitrate.	N/A
VANSANDT	DEC	29	SAINT GEORGE WATER SYSTEM / AK2260074 (65 / C)								4																	Last sampled for Nitrate in 2017, LCR in 2006, VOCs in 2012, and total coliform in May 2022.	Sample for annual Nitrate, VOCs, Lead & Copper, and monthly total coliform.	N/A
VANSANDT	DEC	11	SAINT PAUL WATER SYSTEM / AK2260286 (380 / C)								1																	Last sampled for annual Nitrate in 2020, DBPs in 2016, and Lead & Copper in 2016. Note that the LCR samples collected in March 2021 were not analyzed for compliance by the lab since PWS did not follow sampling protocols for first-draw samples.	Sample for annual Nitrate, DBPs (TTHM & HAAS), and Lead & Copper.	N/A

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ELMORE	TCC	34	VENETIE WATER SYSTEM / AK2300248 (181 / C)																								<p>Last sampled for Nitrate, DBPs, and VOCs in 2020, and Lead & Copper in 2017. Last submitted complete MOR in November 2021 for SW entry point chlorine residual and turbidity monitoring, and hasn't done distribution system chlorine residual monitoring since October 2020. On a BWN and operated without an operator for several months.</p>	<p>Sample for annual Nitrate, DBPs, VOCs, Lead & Copper. Submit a complete MOR, including turbidity and entry point chlorine residual data.</p>	<p>Project approved June 2020 to construct a new WTP/washeteria building and move the existing water treatment system to the new building. SS deficiencies are scheduled to be addressed by the project. Construction was postponed due to pandemic. Constructing has restarted and new WTP completion is scheduled for fall 2022.</p>
VANSANDT	No RMW	11	VFW KODIAK POST #7056 / AK2250493 (46 / NC)							1																	<p>System did not complete or notify DEC of corrective actions for the 2017 survey deficiencies. PWS does not consistently submit monthly operator reports (MORs) with adequate turbidity and chlorine data.</p>	<p>Address outstanding sanitary survey deficiencies: provide corrective action plan with timelines and notify DEC of any corrective actions completed. Submit MORs consistently with adequate monitoring data.</p>	<p>N/A</p>
SHARP	NSHC	36	WALES WATER SYSTEM / AK2340191 (173 / C)																								<p>Currently exceeding RAA MCL for Uranium following the 2nd quarter 2020 results. Exceeded the RAA MCL intermittently since 2011. System failed to submit 2020 CCR and certification form.</p>	<p>Sample Uranium quarterly and address the Uranium RAA MCL. Complete and distribute 2021 CCR and submit certification to DEC.</p>	<p>Construction approval for new surface water source (infiltration gallery) and a cartridge filtration WTP. Construction was delayed due to COVID but is currently underway with expected completion in 2023.</p>

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, 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, Doug Zellmer (EPS) 269-3068, Leslie Morrison (EPS) 269-7518, Leah Van Sandt (EPS) 269-7653, Roy Robertson (Engineering Supervisor) 269-7631.

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/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