

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	GWR	RTCR	SW	Nitrate	Arsenic	DBP	LCR	Radis	RTCR	SW	GWR	Arsenic	DBP	LCR	IOC	VOC				SOC	Radis	CCR	PN	
NAKANISHI	No RMW	14	HEART OF THE SHIRE / AK2263061 (79 / NC)									1	1														Nitrate overdue as of 2023. RTCR Sample Siting Plan was due by 5/22/2020. System has overdue significant deficiency that was due by 2/10/2022. Unable to contact system - seasonal	Sample for Nitrate, submit an RTCR Sample siting plan, and work with DEC on Significant deficiency.	None known
SHARP	TCC	11	HUGHES PUBLIC WATER SUPPLY / AK2300272 (107 / C)																								System did not submit certification of lead consumer notification for 2022 Lead & Copper sample set and has not submitted a completed MOR without issues since August 2023.	System must submit a complete operator report without turbidity or chlorine issues and send in certification of lead consumer notification for both 2022 and 2023 sample sets.	ANTHC submitted FATO request in Dec. 2023 for the WTP and WST projects. ANTHC is planning to make future changes to the WST to improve chlorine contact time.
EBERT	No RMW	11	JAVA FLATS/RUSSIAN RIVER ROADHOUSE / AK2250582 (39 / NC)																								Last Nitrate sample taken 2021.	Collect annual Nitrate sample.	N/A
LATIMER	No RMW	15	JERSEY SUBS KASLOF / AK2249994 (42 / NC)																								Overdue Nitrate, TC sample, and seasonal startup. PWS owner/operator has not been responsive thus far to emails and voice msgs during 2023-2024.	Startup needs to be completed w/ SSUP form submitted on time, collect Nitrate and TC samples in first month of 2024 season.	N/A
DAVIS	YKHC	15	KIPNUK WATER SYSTEM / AK2270736 (639 / C)																								No annual Nitrate and VOCs collected since 2022. No Lead & Copper samples collected since 2020.	Collect annual Nitrate, VOCs and 3 yr. 10 sample set Lead & Copper.	N/A
ROBERTS	Manilaq	91	KIVALINA WATER SYSTEM / AK2340117 (452 / C)																								January, April, and June-December 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.	New direct filtration and GAC WTP construction approval issued August 2023. Construction was 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.	Need to install Pax mixer. The mixer was delayed and they recently discussed approval requirements with DEC Engineering for installation. The system was instructed to wait until the tank repairs are made (currently waiting on engineering plan submittal).
AGUE	DEC	14	KOKHANOK WATER & WW SYSTEM / AK2263006 (189 / C)																								System overdue for TC sampling since October 2023, Lead & Copper since 2022, and VOCs since 2022.	Collect a TC sample ASAP. Collect 2 annual 6-month Lead & copper sample sets in 2024 and an annual VOC sample.	New WTP under construction will correct open deficiencies identified in 2021 sanitary survey. Project expected to be completed summer 2024.
NAKANISHI	YKHC	14	KOTLIK WATER SYSTEM / AK2272004 (617 / C)																								VOC overdue as of 2023.	Sample for VOC's, and resolve TOC % Removal issues.	None known
SHARP	No RMW	99	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3234 / C)																								PWS has exceeded the TTHM MCL since 2019 and the HAA5 LRAA since 3rd quarter 2023.	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 LRAA levels below the MCL.	Monitoring and adjustments of new WTP continue and DBP levels are expected to improve. DBP precursor removal data is being analyzed to determine what adjustments to treatment are necessary to improve DBP results. The system is actively working to resolve the treatment issues.
EBERT	No RMW	29	KSD ANIAK SECONDARY SCHOOL / AK2271732 (80 / NTNC)																								Public notification and public education requirements following Lead/Copper exceedance are overdue. Lead Consumer Notices for 2022 samples are overdue. Last Lead/Copper sample taken 2022. Last Nitrate sample taken 2020. Last VOC sample taken 2019.	Complete the public notification and education requirements. Deliver the 2022 Lead Consumer Notices to consumers and DEC. Collect 10 Lead/Copper samples for 6 month period. Collect Nitrate and VOC samples.	N/A

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EBERT	No RMW	18	KSD GEORGE MORGAN HIGH SCHOOL / AK2270833 (50 / NTNC)				1		2																Repeat TC samples were not completed for TC positive sample taken 5/17/2022. System is overdue to submit Level 1 Assessment by 6/30/2022. Last Nitrate sample taken 2021. Last VOC sample taken 2019.	Collect repeat TC samples. Submit Level 1 Assessment. Collect Nitrate sample, and a VOC sample.	N/A	
EBERT	No RMW	15	KSD UPPER KALSKAG PRIMARY SCHOOL / AK2272751 (50 / NTNC)						2									1	1	2					Last Nitrate and VOC samples taken 2021. Last Chromium sample and last full set of 5 Lead/Copper samples taken 2019.	Collect Nitrate, VOC, and IOC (including Chromium) samples. Collect set of 5 Lead/Copper samples.	N/A	
AGUE	YKHC	15	KWETHLUK NEW PIPED WATER SYSTEM / AK2272017 (760 / C)						1									3	2	1					System is overdue for Nitrate, Lead & Copper, and VOC sampling. Quarterly DBPs not collected since January 2023. Several DBP and TOC samples collected in late 2023 could not be analyzed due shipping delays which caused hold time and temperature problems.	Collect a Nitrate sample ASAP and monitor for DBPs and VOCs. Develop Lead & Copper sample plan and collect an annual sample set.	NA	
EBERT	YKHC	78	KWIGILLINGOK WASHETERIA / AK2271700 (400 / C)						2										6	1	2				Last LT2 samples taken in July 2017. Last VOC, Nitrate, and HAA5 samples taken 2021. Last TTHM sample taken 2014. Last Lead/Copper sample taken 2017.	Collect LT2 samples when making water. Collect VOC, Nitrate, and DBP (HAA5 and TTHM) samples. Collect set of 5 Lead/Copper samples.	N/A	
NAKANISHI	No RMW	13	LKSD TUNUNAK PAUL ALBERT HS / AK2270613 (385 / C)						1										3		3				VOC's and DBP's overdue as of 2021. Nitrate overdue as of 2023.	Sample for Nitrate, VOC's, and DBP's	None known	
AGUE	YKHC	11	LOWER KALSKAG WATER SYSTEM / AK2270697 (302 / C)						1										1						System did not distribute lead consumer notices following 2022 sampling and has outstanding significant deficiencies from their 2023 sanitary survey.	Distribute consumer notices and correct significant deficiencies.	System has open significant deficiencies regarding drainage and screening of the wells and cross connections in the treatment plant.	
EBERT	BBAHC	12	MANOKOTAK HEIGHTS W/S / AK2262246 (215 / C)																					7	System did not submit an SOC monitoring waiver application for 2020-2022.	Submit SOC waiver application for 2023-2025 or collect quarterly SOC samples.	N/A	
NAKANISHI	YKHC	37	MERTARVIK WATER SYSTEM / AK2272756 (170 / C)						3																2	Overdue for Nitrate and Rads since 2020. No Routine TC samples collected since October 2023 (special purpose TC samples collected February 2024 to come off of boil water notice).	Sample for Nitrate, RADS, and Total Coliform	None known
AGUE	YKHC	14	MOUNTAIN VILLAGE WATER SYSTEM / AK2270150 (850 / C)						1	1									1	1	1				System is overdue for annual Nitrate and DBP sampling, and missed previous 3 year cycle sample for Arsenic and IOCs. There are open significant deficiencies from 2022 sanitary survey	Collect Nitrate, DBP, arsenic, and IOC samples ASAP. Correct significant deficiencies.	System has ongoing issues producing enough water to meet community demand with their current wells, and is using river water as a primary source at this time. System is on boil water notice due to use of unapproved source.	
DAVIS	YKHC	12	NAPAKIAK W.S. CENTRAL WELL / AK2262319 (330 / C)						1										1	1					PWS has violations from sanitary survey conducted 4/18/2022 due to unresolved deficiencies. No 3-yr. DBP2 collected since 2020.	Consult with DEC regarding significant deficiencies (NSF hose to fill chem. tank, air gaps, water haul trailer), and address CASS. Collect DBP samples.	N/A	
NAKANISHI	YKHC	15	NAPASKIAK WEST WATER SYSTEM / AK2260139 (200 / C)						1	1									1						PWS has unresolved Sig deficiencies 2018 & 2022 Sanitary surveys. Nitrate and DBP samples overdue as of 2023	Work with DEC to correct Significant Deficiencies, sample for Nitrate and DBP's	None known	
DAVIS	DEC	14	NELSON LAGOON WATER SYSTEM / AK2260804 (60 / C)						1										3						No annual Nitrate collected since 2022. No annual VOCs collected since 2020. No annual TTHM collected since 2021, and no annual HAA5 collected since 2022.	Collect Nitrate, TTHM, HAA5 and VOC samples.	N/A	

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NAKANISHI	YKHC	58	NEWTOK WATER SYSTEM / AK2271431 (435 / C)										2		4															Nitrate, VOC and DBP's last taken in 2021. PbCu last taken in 2019. LT2 sample last taken 2020.	Sample for Nitrate, DBPs, LT2, LCR, VOCs and submit an SOC waiver application	Village is being relocated to another city due to land erosion. Source water has been contaminated with sea water and has high TDS.
AGUE	YKHC	34	NIGHTMUTE NEW WATERING POINT / AK2271721 (243 / C)				1		1	1																				Did not collect an annual Nitrate sample in 2023, and has not sampled for lead & copper since 2007. System has outstanding significant deficiencies from 2022 survey and open sanitary defects from 2022 Level 1 Assessment.	Collect Nitrate and lead & copper samples ASAP. Correct significant deficiencies and sanitary defects.	The system does not have a raw water sample tap and does not have appropriate backflow prevention at the watering point. RMW trip required to correct these sanitary defects/significant deficiencies.
DAVIS	DEC	19	NONDALTON / AK2260260 (205 / C)							1																				No annual Nitrate collected in 2023. No DBP2, and VOCs sampled since 2020, and Lead & Copper since 2015. 2023-2025 SOC waiver application has not been received.	Collect Nitrate, DBP2 (collect in August 2024), VOCs, and Lead/Copper samples. Submit 2023-2025 SOC waiver to DEC.	N/A
NAKANISHI	YKHC	36	NUNAM IQUA WATER SYSTEM / AK2270207 (213 / C)											5																TOC % removal RAA not met since 2021.	Continue to sample for TC, DBP's and TOC/Alkalinity as required.	None known
DAVIS	DEC	47	OLD HARBOR / AK2250061 (246 / C)		1								3																	SW TT violation for not meeting EPRD requirements. Last annual Nitrate, DBPs, and VOCs sampled in 2020. Last Lead/Copper sample set (10 samples every 6 months) collected in 2022.	Report consistent EPRD readings at the required levels. Sample for Nitrate, VOC, and DBP2 (August 2024). Monitor Lead/Copper every six-months (10 samples/set).	N/A
DAVIS	No RMW	11	PETER PAN SEAFOOD PORT MOLLER / AK2261216 (140 / NC)								1																			Routine monthly TC not collected during last month of operation 8/2023. Seasonal TNC system not meeting the SWTR due to current system configuration and lack of coagulation.	Collect monthly TC during 1st month of operation. Install filtration system that meets the SWTR requirements.	System does not meet SWTR due to lack of coagulant in their filtration units.
NAKANISHI	No RMW	12	PETERS CREEK TERRACE / AK2211473 (70 / C)									1																		Significant deficiency corrective action overdue as of 10/23/2023, no CCR submitted in 2022 or 2023, PbCu sample were due to be taken in 2020.	Collect Lead & Copper sample set, submit CCR report, and correct signification deficiency for drainage.	None known
EBERT	YKHC	83	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)								1		2																	System does not meet applicable water treatment and filtration requirements. CCR certification forms were not submitted 2016-2022. RTCR Sample Siting Plan is overdue. Last routine TC sample taken 6/7/2022. System doesn't have current SOC monitoring waiver or samples. Last Nitrate sample taken 2021, last VOC 2012, last Lead/Copper 2005, and last IOC sample taken 2005.	Install applicable water treatment and filtration. Submit 2022 CCR certification form. Submit an RTCR Sample Siting Plan. Collect monthly routine TC samples. Submit an initial SOC waiver application for 2023-2025 or collect quarterly SOC samples. Collect Nitrate, VOC, Lead/Copper (5 samples for 6 month period), and IOC samples.	System does not meet applicable water treatment and filtration requirements.
HARRIS	DEC	32	PORT PROTECTION / AK2121123 (60 / C)		2				1	1																				System 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.	Install filtration & disinfection treatment system. Hire third-party surveyor to perform Level 2 Assessment.	System is on a long-term BWN due to lack of treatment & repeated TC+/EC+ results. Source water infiltration gallery currently intaking raw water & substrate deposits from creek.
NAKANISHI	No RMW	41	RED DOG INN / AK2260749 (145 / NC)										4																	Nitrate overdue since 2020. TC overdue since July 2022.	Sample for Nitrate and Total Coliform	System pipes were frozen as of December 2023. System inactive until repairs are completed.

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AGUE	YKHC	32	SHAGELUK WATER SYSTEM / AK2280040 (60 / C)				1		2				1		2	6	3		1							System has not collected DBP samples since 2011 and has not conducted sufficient follow-up sampling after a copper action level exceedance in 2016. VOCs were not collected during last monitoring period. Monthly chlorine reports and last 2 annual Nitrate samples not collected.	Collect Nitrate, DBP, lead & copper, and VOC samples. Submit monthly chlorine reports and collect monthly TC samples consistently.	Sanitary defect for improper well seal identified in 2016 remains open.
BJORKMAN	No RMW	22	SILVERKING LODGE / AK2121463 (46 / NC)		2									2												System not open for 2024 season until mid May.	Submit an operator report with turbidity reading within parameters.	N/A
DAVIS	No RMW	14	SOUTHEAST ALASKA LOGGING / AK2250427 (45 / NTNC)							1						1			1	4						No annual Nitrate, TTHM & HAA5, VOCs collected since 2022.	Collect annual Nitrate, TTHM, HAA5 and VOCs ASAP. SOC waiver approval for 2023-2025 period, waiver application has been submitted and is under review.	n/a
KEIM	DEC	14	TAKOTNA WATER SYSTEM / AK2280163 (70 / C)											4	7			1	1							System has been on a Boil Water Notice since 9/18/23 due to a failure of their generators which resulted in frequent loss of power/pressure issues. Overdue for monthly TC samples, monthly operator reports, and missed their 2023 Lead & Copper samples.	System must begin submitting routine monthly TC samples and complete monthly operator reports. They also must submit a set of Lead & Copper samples.	Systems generator was failing fall 2023 which resulted in frequent loss of power/pressure issues.
HARRIS	DEC	94	TATITLEK WATER SYSTEM / AK2291130 (95 / C)																							System has ongoing DBP exceedances since 2015. System still exceeding Lead. Faucet replacement has not been completed. System to develop & implement a line flushing program.	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	42	TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)				1		2				1	6		1	3		6					1	System had a Lead AL exceedance in 2016 and has not completed follow up sampling. System overdue for Arsenic sample. Monthly TC samples not collected since June 2023, when a Level 1 Assessment was triggered and not completed.	Collect Lead & Copper, Arsenic, and TC samples ASAP. Address significant deficiencies and certify that the CCR is distributed in 2024.	System is on a long-term BWN due to open significant deficiencies and failure to sample consistently.	
EBERT	No RMW	13	VFW KODIAK POST #7056 / AK2250493 (46 / NC)							1				3	5											Last TC sample taken 9/12/2023. Last EPRD and turbidity sampling was July 2023. Last Nitrate sample taken 2022.	Collect monthly TC sample. Collect monthly EPRD and turbidity samples and submit Monthly Operator Report. Collect Nitrate sample.	N/A
SHARP	NSHC	38	WALES WATER SYSTEM / AK2340191 (173 / C)										7													System exceeds the 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.	Source wells have elevated fluoride and uranium. CA issued in Dec. 2018 for new surface water source (infiltration gallery) and a cartridge filtration WTP. Construction was delayed, but has now been mostly complete; waiting till summer 2024 to commission.

DW Program Staff Contact Information

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

Staff: Amy Hill (Program Coordinator) 376-1861, Vacant (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.

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, 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.

Staff: Amy Hill (Program Coordinator) 376-1861, Jamie Bjorkman (EPS) 262-3423, James Latimer (EPS) 262-3410, Christina Harris (EPS) 262-3420, Charity Bare (Engineering Supervisor) 262-3400

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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/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