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. Est. 10 Point 5 Point 1 Point New **General Comments How to Return to Compliance Known Hardware Problems** ETT Staff **RMW** Score **System Information** Last MOR submitted in April 2024. LT2 sample and TOC from intake last sampled Submit monthly operating report and in 2021. Alkalinity and TOC from Treatment sample full set of Lead & Copper. Take TOC ALAKANUK WATER SYSTEM / plant last sampled in 2016. Last full set of (intake and treatment plant) and sample for NAKANISHI YKHC AK2270362 (570 / C) Lead & Copper samples submitted in 2012. alkalinity. None known Collect TC samples and submit SSUP in the BJORKMAN 16 ALPINE INN / AK2244808 (30 / NC) No RMW System is still closed for the season. spring. None known On BWN since April 2022. Operator has not completed operator cert testing recommended hiring a backup or additional operator. Routine sampling is not being completed. Treatment reports are mostly complete and indicate adequate Complete all routine sampling, and submit filtration and disinfection. Replacement of fully complete monthly operator reports on mains is scheduled to start in 2025, and the One storage tank remains out of service time. Meet operator certification ANGOON PUBLIC WATER / AK2130017 inactive storage tank is expected to be back requirements. Submit 2024 CCR and Cert which contributes to lower pressure in part LATIMER DEC (450 / C) page on time. 16 in service early summer. of DS. System began exceeding TTHM LRAA MCL Adequate GAC change out frequency in 4th quarter 2020 and HAA5 MCL in 3rd Collect monthly TC with detectable would reduce chances of DBP exceedance. quarter 2024. System has not collected a On 6/20/24 DEC approved plans for a water chlorine residual and submit a completed routine TCR sample since September 2024 monthly operator report. Collect Lead & reatment plant project intended to reduce and has not submitted a completed Copper sample set between January and DBPs. The project includes new operator report since August 2024 due to June and complete outstanding public winter/summer source intake, replacement operator turn over. System did not collect notice ASAP. System needs both adequate WST, and modifications to the WTP, Lead & Copper sample set during 2024 and funding and to optimize or upgrade including CT contactor tanks to reduce has outstanding public notice violations for treatment, including establishing and chlorine use and new type of GAC media. CHALKYITSIK VILLAGE WATER / failure to post TTHM MCL public notice adhering to a GAC media change out The new WST is in operation, GAC upgrades SHARP TCC 93 AK2300183 (76 / C) during 2024. schedule, to help reduce DBP formation. are not yet. Last submitted a monthly operator report in Submit a complete monthly operator report February 2024. Last chlorine residual was and record the chlorine residual at the last recorded w/TC sample in January 2024 same time and place as the monthly TC CHIGNIK BAY WATER SYSTEM / System collected annual TTHM sample in sample. Collect a TTHM sample in August AGUE BBAHC AK2260228 (199 / C) the wrong month in 2024. None known Overdue for DBPs. Statewide EPS will Sample for DBPs between October and December 2025. Consult with the State continue to reach out to the system about CITY OF HOOPER BAY / AK2270312 consulting with the state regarding their regarding deficiencies, develop corrective POEPPEL YKHC (1200 / C) most recent sanitary survey. action plan. None known Correct sanitary survey deficiency - extend Significant deficiency from 2021 remains well casing to 12 in. and apply for CLARKS POINT WATER SYSTEM / unresolved. No 6-month Lead/Copper separation distance waiver. Collect 6-**DAVIS** ВВАНС AK2260202 (128 / C) samples collected since 2017. month 10 sample set Lead & Copper. None known

Drinking wat	Water Program staff on October 31, 2024. Est. 10 Point 5 Point 1 Point								1 Pc	int											
Staff	RMW	New ETT Score	System Information	RTCR	SW	RTCR	SW GWR	Nitrate Arsenic	DBP	Rads	RTCR SW	GWR	Arsenic	LCR	201	SOC	Rads	N N	General Comments	How to Return to Compliance	Known Hardware Problems
SHARP	NSHC	97	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)		2	2		#			23								Diomede exceeds the RAA MCL for Arsenic and Nitrate due to poor source quality. They have not been submitting complete monthly operator reports due to lack of an	System needs to install treatment to address Nitrate, Arsenic, and SWTR. System also needs to hire an operator to complete and submit operator reports.	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 did not receive approval because it had not met conditions of operation. Permanent WTP is expected to begin operation summer 2025.
AGUE	ҮКНС	16	EMMONAK WATER SYSTEM / AK2270299 (820 / C)			1							7	7					and are due quarterly and monthly,	Complete Level 1 Assessment and OEL Report. Collect DBP and TOC/Alkalinity samples.	None known
MURRAY	No RMW	20	FOREST PARK TC / AK2210794 (175 / C)				2				2			1		1	1	1	PWS last collected a total coliform sample in July 2024 and VOCs in June 2024. PWS last collected Lead & 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.	correct deficiencies. System must sample	System has ongoing issues with maintaining pressure.
SHARP	TCC	13	GALENA WTP1 - CITY / AK2360272 (490 / C)				1												deficiencies from their 2023 survey to	System must correct outstanding survey deficiencies and submit proof of corrective action.	GAC media in filters has not been replaced in over a year, this affects DBP precursor removal. PWS operators are still adjusting treatment but not using optimized settings suggested by design engineers.
BJORKMAN	DEC	11	KAKE MUNICIPAL WATER / AK2130083 (415 / C)						2				1	L						Collect a set of DBP samples and complete the OEL.	None known
CAHILL	No RMW	16	KING FOR A DAY / AK2299036 (53 / NC)			2					5								when PWS moved to monthly TC due to number of violations, but the letter was not	PWS can return to compliance by taking annual Nitrate and monthly Total Coliform samples. Also needs to complete and return 2025 season SSUP.	None known
BJORKMAN	DEC	89	KLAWOCK / AK2120169 (904 / C)						17										collected are the lowest we have seen in	Continue to collect DBP samples that allow for the LRAA to fall below the MCL for HAA5.	None known
NAKANISHI	ҮКНС	23	KONGIGANAK WATER SYSTEM / AK2271025 (547 / C)								17	,	3	3					Monthly Operator Reports (MOR) have been insufficient since December 2023, annual	System should provide sufficient MOR and sample for DBP's in 2025. For Significant deficiency, follow-up coordination is underway to establish a corrective action plan timeline.	None known

Drillking vva	lei Fiogramis	ram staff on October 31, 2024. Est. 10 Point 5 Point 1 Point													Point						
		New ETT		8		ate		GWR Nitrate	enic	~	S		enic		~ .		S	~	General Comments	How to Return to Compliance	Known Hardware Problems
Staff	RMW	Score	System Information	RTCR	SW	Nitrate	NS S	N Zig	Ars DBF	LCF	RTC	SW	Ars	JBG I	<u> </u>	Ŏ N	SO(Rad				
			VOT. W. W. TED 0./0TEM / A./0000004																TOC % ratio has been inadequate since	T	
NAKANISHI	YKHC:	31	KOTLIK WATER SYSTEM / AK2272004 (617 / C)						5			Ш			2				1.1	Take required TOC and TOC/Alkalinity samples, and sample for Lead & Copper	None known
TVAIGATOTTI	TRITO	01	(01770)					$\dagger \dagger$	╁			П				Ħ			required, but missed in 2024.	Samples, and sample for Lead & Copper	None known
SHARP	No RMW	99	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3234 / C)						19										They have exceeded the TTHM MCL since 2019 and the HAA5 LRAA since 3rd quarter	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 to June 2025). DBP precursor removal data is to be analyzed by the design engineering firm to improve DBP results. Elevated manganese levels in winter continue to be an issue. Long term fixes are being designed for implementation this spring and include possibly installing greensand filtration pretreatment; this may also have an effect on DBP precursor removal. An NF membrane pilot test is to be implemented this winter.
ROBERTS	TCC	13	KOYUKUK SAFEWATER FACILITY / AK2360214 (85 / C)								8			5						The PWS needs to hire a certified operator to run the water plant and collect all routine compliance samples.	None known
AGUE	ҮКНС	24	KWETHLUK NEW PIPED WATER SYSTEM / AK2272017 (760 / C)						4										TOC/Alkalinity samples were collected in	Collect quarterly DBP and monthly TOC/Alkalinity samples and address MCL/TT violations.	None known
BARNES	ҮКНС	55	KWIGILLINGOK WASHETERIA / AK2271700 (400 / C)									43		6		2			HAA5 last sampled in 2021. TTHM last taken in 2014. Last LT2 sample taken in	Operator needs to sample for HAA5 and TTHM, and resume LT2 sampling. Operator needs to develop a Lead & Copper sample plan.	Water tank foundation is unstable; operator cannot fill tank more than halfway.
AGUE	ҮКНС	11	LOWER KALSKAG WATER SYSTEM / AK2270697 (302 / C)					1							1					Address open deficiencies and distribute lead consumer notices.	2023 sanitary survey identified the following deficiencies: improper drainage around the wellhead, potential cross connections created by hanging hoses, and an insufficient air gap at the greensand backwash.
NAKANISHI	YKHC	17	NAPASKIAK WEST WATER SYSTEM / AK2260139 (200 / C)					2					1	1	1				DBPs were due in 2023 and LCR were due in 2023. Significant Deficiencies from 2018 and 2022 surveys with due date of	Collect samples for Lead & Copper and DBP's. Deficiencies from 2022 sanitary survey need to be resolved. For Significant deficiency, follow-up coordination is underway to establish a corrective action plan timeline.	None known

Drinking wat	Water Program staff on October 31, 2024. Est. 10 Point 5 Point 1 Point																						
		New ETT		RTCR	,	rate		VR	senic	G a	sp	CR ,	VR.	senic	<u>ا</u>	۲ ()	၁	SOC Rads	8		General Comments	How to Return to Compliance	Known Hardware Problems
Staff	RMW YKHC	Score 12	NIGHTMUTE NEW WATERING POINT / AK2271721 (243 / C)	RI	MS	<u>i</u>	NS NS	1	Ar	10	Re	RI	<u>70</u>	Ar	10 1	OI	N	SC	S	S 2 ir	•	Correct significant deficiencies and	The following hardware issues were identified as sanitary defects or significant deficiencies: no raw water sample tap, issues with drainage around the wellhead, and the watering point hose does not have appropriate backflow prevention and is not made of an NSF-approved material.
NAKANISHI	ҮКНС	35	NUNAM IQUA WATER SYSTEM / AK2270207 (213 / C)							5					8						ast sampled DBPs, TOC, and alkalinity in	Sample for TOC and alkalinity from the Intake, and for TOC from the treatment plant monthly, Sample quarterly for DBPs.	None known
DAVIS	DEC	14	OLD HARBOR / AK2250061 (246 / C)		1																ystem is not meeting entry point residual isinfection (EPRD) requirements.	Meet EPRD requirements of 0.2 mg/L.	None known
CAHILL	No RMW		PALMER LIFEWAYS DAYCARE / AK2226055 (56 / NTNC)						2					1						Р		PWS can return to compliance by testing below the Arsenic MCL after receiving approval to operate Arsenic treatment	PWS plans to install POU treatment. Engineering submittal request for construction approval has been received and reviewed. Request for clarification and additional information was sent to submitting engineer.
AGUE	No RMW	11	PETER PAN SEAFOODS PORT MOLLER / AK2261216 (140 / NC)				1					1								c c c	onfiguration does not meet surface water ule requirements. System did not collect a	operating filtration system which meets surface water rule requirements. Collect	Construction of new treatment system was in progress, but was not functioning correctly in 2022. System is in a remote location and is not occupied during the off season.
BARNES	YKHC	19	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)				1					1					4	4		S ti d	ystem does not meet applicable water reatment and filtration requirements. PWS loes not have RTCR plan on file. CCR ertification forms were not submitted	Operator needs to develop an RTCR sample siting plan and submit VOC samples.	No filtration or disinfection installed.
HARRIS	DEC	33	PORT PROTECTION / AK2121123 (60 / C)	2		1	L 1													ir lo A A 1	ssessment/Sanitary Survey combo on /7/2025. The final report has not yet been	Install filtration & disinfection treatment system. Submit Level 2 Assessment/Sanitary Survey report for	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.
BJORKMAN	No RMW		SET FREE ALASKA SNODGRASS / AK2220483 (47 / NTNC)						4								1			s	lystem has had arsenic MCL exceedances ince 2022. System classification is under eview by DEC, due to reduced population.	plans for approval prior to any changes to	None known

		Est.	ctober 31, 2024.	10 Point 5 Point 1 Point										1 Pc	oint						
Staff	RMW	New ETT Score	System Information	RTCR	SW	Nitrate RTCR	SW	GWR Nitrate	Arsenic DBP	LCK Rads	RTCR	GWR	Arsenic DBP	LCR	100	voc	Rads	CCR	General Comments	How to Return to Compliance	Known Hardware Problems
AGUE	ҮКНС		SHAGELUK WATER SYSTEM / AK2280040 (60 / C)											5		1			System last collected complete sets of	Collect Lead & Copper and VOC samples ASAP. Collect 2 complete sets of DBP samples in July 2025 from appropriate locations.	None known
SHARP	NSHC		SHAKTOOLIK WATER SYSTEM / AK2340442 (270 / C)								1 12	2	1						System has not collected a TCR or distribution chlorine violation since September 2024. Has not submitted a completed monthly operator report since February 2024 due to operator turn over.	System must submit completed monthly operator report as soon as possible and collect February 2024 TCR with detectable chlorine residual.	None known
LATIMER	No RMW		STERLING HARBOR MENNONITE CHURCH / AK2249223 (100 / NC)					1				1							System has not responded to sanitary survey deficiency letter/call regarding well cap electrical conduit opening compromised, and unapproved modifications with non NSF components.	Correct well cap electrical connection, and address modifications/attain corrective action plan.	Non-NSF components.
HARRIS	DEC		TATITLEK WATER SYSTEM / AK2291130 (95 / C)						18				1					1	System has ongoing DBP exceedances also exceeding Lead at one location. System will research water storage tank mixer and continue to work with NUS/ANTHC/RMW on updating chlorine injection equipment.	-	High Lead levels in distribution system. The chlorine injection equipment is likely not operating smoothly.
SHARP	TCC		TOO'GHA INC - IN TANANA / AK2360109 (271 / C)		2						4		1						System needs to collect 2025 DBP sample set and submit a completed monthly operator report without turbidity exceedances or inadequate chlorine entry	System needs to submit completed monthly operator report without turbidity exceedances as soon as possible and adjust treatment accordingly, if needed. System needs to collect June 2025 DBP sample.	None known
AGUE	ҮКНС		TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)					2		1			3	8					System had arsenic exceedances between 2015-2017 and exceeded the action level for lead in 2016. Last samples for both analytes were collected in 2020. PWS has not corrected Significant deficiencies identified in past several sanitary surveys.	Collect arsenic and Lead & Copper samples. Complete Level 1 Assessment and address open significant deficiencies.	System is on a long-term BWN due to inadequate well seal. The following significant deficiencies are unresolved: cross connection between the settling tank overflow and drain, a sewer line is within 100 feet and the sewage lagoon is located within 200 feet of the wellhead, and insufficient drainage around the wellhead.
SHARP	NSHC		WALES WATER SYSTEM / AK2340191 (173 / C)							7				1			2		System exceeds the RAA MCL for Uranium.	System must continue to collect quarterly Uranium samples and post applicable public notice until the new source can be brought back online and Uranium levels reduce. System must collect 2025 Lead & Copper sample set.	New source and WTP project to address Uranium MCL has been completed, but due to low production from the source, the system had to revert back to using GW well to fill the remainder of the WST for the winter. Requested system collect a uranium sample from the tank to evaluate uranium levels but have not yet received.

		Est.		10	Point		5	Point					1 F	Point						
2. "		New ETT		CR	SW Nitrate	ICR V	WR	itrate senic	BP SR	ads	N N	senic	BP P	ξ (2)	2 2	spe	2 7	General Comments	How to Return to Compliance	Known Hardware Problems
Staff	RMW	Score	System Information	8	S Z	2 0	<u>ν</u> Θ :	z	리기	<u> </u>	(S)) [[기의	<u> </u>	2 2				
																				Separation distance waiver was submitted
																				and reviewed as part of a project to replace
																				water mains/remove private sewer lines
																		PWS hasn't completed Lead Consumer		(sanitary survey deficiency), but the project
																		Notification for January 2024 Lead/Copper	PWS must complete Lead Consumer	has been incomplete since June of 2023.
																		sample set. PWS has an outstanding	Notification for January 2024 sample set	They will also need approval by the
																		sanitary survey deficiency for sources of	and return certification form to the State.	Wastewater Program for the project; no
			WILDWOOD HOMES LLC / AK2310853															contamination within the protective radius	PWS must address all separation distance	wastewater approval request has been
KEIM	No RMW	11	(114 / C)				1						1	L				of the well from the 2021 sanitary survey.	issues identified.	received.

DW Program Staff Contact Information

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

Staff: Jamie Bjorkman (Program Coordinator) 262-3423, Vacant (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 (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 (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

HAA5= Haloacetic Acids (Stage 1 Rule)

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

IFE= Individual Filter Effluent AL= Action Level 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 RTCR= Revised Total Coliform Rule

LCR= Lead/Copper Rule BWN= Boil Water Notice LRAA= Locational Running Annual Average (Stage 2) **SOC= Synthetic Organic Chemicals**

LT1= Long Term 1 Enhanced Surface Water Treatment Rule CCR= Consumer Confidence Report 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)

DSRD= Distribution Chlorine Residual MCL= Maximum Contaminant Level (type of violation) TC= Total Coliform (also called Bacti)

EHO= Environmental Health Officer MOR= Monthly operator report TOC= Total Organic Carbon

NOV= Notice of Violation TCR= Total Coliform Rule EP= Entry Point EPA= Environmental Protection Agency

EPRD= Entry Point Residual Distribution

PE= Public Education (requirement under Lead/Copper Rule) TTHM= Total Trihalomethanes (Stage 1 Rule)

OCC= Optimal corrosion control (Lead/Copper Rule)

ETT= Enforcement Targeting Tool PER= Preliminary Engineering Report **VOC= Volatile Organic Chemicals** FANLs= Facility Analyte Level (refers to SW/DBP monitoring requirements) VSW= Village Safe Water PN= Public Notice

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

Rads= Radionuclides Rule

TT= Treatment Technique (violation)