VIOIATIONS BEIN	ig generated. (		Submitted by Drinking Water Program		Point		30, 2	5 Po	int					1 Po	int						
Staff	RMW	Est New ETT Score	System Information	RTCR	SW	NITrate RTCR	SW	Nitrate	Arsenic DBP	LCR Rads	RTCR	SW	Arsenic	LCR	200	SOC	Rads	PN PN	General Comments	How to Return to Compliance	Known Hardware Problems
Vacant (ZELLMER)	DEC	28	AKHIOK / AK2250037 (90 / C)					3			1	1	1 5	5	1				Last annual Nitrate sample and annual TTHM/HAA5 was 2018. Last cyclic Arsenic sample was 2009. Last cyclic IOCs were 2010	Collect an annual Nitrate sample. Collect a cyclic Arsenic sample. Collect annual TTHM/HAA5 samples (DBPs). Collect cyclic IOCs. Collect an annual VOC sample.	N/A
Vacant (ZELLMER)	ҮКНС	104	ALAKANUK WATER SYSTEM / AK2270362 (570 / C)			1						56	3	3 1	4	4			Last sampled for VOCs and DBPs in 2015. Last compliant paired TOC/Alk samples were 201 Incomplete E. coli (LT2) sampling in 2021. Overdue corrective actions from 2021 Level assessment. System fails to comply with monthly operator reports.	<ol> <li>Collect monthly TOC and alkalinity samples.</li> <li>Submit CCR certification page for current CCR.</li> </ol>	N/A
Vacant (MORRISON)	No RMW	22	ALASKA WEST KANEKTOK RIVER CAMP / AK2272003 (44 / NC)	1							2	9						1	PWS had E.coli MCL violation in July 2022, triggering a Level 2 Assessment. Placed on BWN. System is shut down for the winter. Corrective actions cannot be completed unti the system reopens in 2023. BWN still in effection when system opens.	Sample routine total coliform when open in ct 2023, address Sanitary Survey corrective actions prior to opening.	Some of the filters in use may not be NSF-certified.
BJORMKAN	No RMW	16	ALPINE INN / AK2244808 (30 / NC)			2					1								System did not submit the SSUP or Cert in 2022. Will remind them again next spring to get that in and close out the violations.	Submit 2023 SSUP and certification form.	N/A
Vacant (MORRISON)	YKHC	13	ANVIK WATER SYSTEM / AK2280171 (96 / C)								1	1	6	5	1				System did not monitor for triggered source after total coliform positive sample in 2018. Has not monitored for DBPs since 2010 (ann schedule). No inorganics sample since 2010.	ial Sample inorganics ASAP. Sample DBPs in July 2023. Sample source for total coliform.	N/A
Vacant (MORRISON)	No RMW	16	BETHEL LONGHOUSE HOTEL / AK2270401 (90 / NC)				1	. 1			3								System did not sample for nitrate in 2021. Corrective actions from 2016 sanitary survey are overdue.	Sample for nitrate ASAP. Address Sanitary Survey corrective actions.	N/A
SMELTER	Maniilaq	11	BUCKLAND WATER SYSTEM / AK2340125 (600 / C)		1														Remaining turbidity TT violation is valid. System has been experiencing turbidity spike since July 2022.	System must adjust their treatment system to ensure surface water treatment objectives are being met.	WTP was experiencing high filtered water turbidity last quarter of 2022, and was attributed to not being able to fine-tune coagulant dosing with changes in raw water quality.
BJORMKAN	No RMW	13	CAMP K ON KENAI LAKE CAMP FIRE ALASKA / AK2241567 (120 / NC)			2					2								Seasonal system, did not submit the SSUP or Cert in 2022. Will remind them again next spring to get that in and close out the violations.	Submit 2023 SSUP and certification form.	N/A
SHARP	TCC	48	CHALKYITSIK VILLAGE WATER / AK2300183 (76 / C)						8					3				3	System began exceeding TTHM LRAA MCL during 4th quarter 2020 and continues to exceed. Overdue for LCR monitoring and has not collected a set of sample since Decembe 2020. System must complete current DBP MPN.	DBP formation, collect a complete set of lead	Adequate change out frequency of GAC filter media will reduce chances of DBP exceedance. To date guidelines for change out frequency of GAC media have not been fully documented by PWS.

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Staff	RMW	Est New ETT Score	System Information	RTCR	SW	Nitrate	SW	GWR	Arsenic	DBP LCR	Rads	RTCR	GWR	Arsenic	DBP	100	VOC	Soc	CCR	PN	General Comments	How to Return to Compliance	Known Hardware Problems
Vacant (VANSANDT)	вванс	13	CHIGNIK LAKE WATER SYSTEM / AK2261096 (200 / C)					1 1	1						1	L					PWS last monitored for overdue nitrate in 2020. The outstanding corrective action due on 5/1/2020 for the booster station that was constructed and operated without ADEC engineering approval remains unresolved.	Monitor for nitrate and address the outstanding corrective action.	N/A
Vacant (ZELLMER)	YKHC	11	CITY OF HOOPER BAY / AK2270312 (1200 / C)	,				1							1						PWS has unresolved sanitary survey deficiencies. Last annual TTHM/HAA5 samples were 10/29/2020.	Correct all unresolved sanitary survey deficiencies. Collect annual TTHM/HAA5 samples per approved sampling plan.	N/A
Vacant (ZELLMER)	ВВАНС	28	CLARKS POINT WATER SYSTEM / AK2260202 (128 / C)					4	4					1	1	1 1	1				Last nitrate and lead/copper samples were collected 2017. Last periodic Arsenic sample was 2012. Last cyclic IOCs were 2011. Last Periodic VOCs were 2014.	Collect an annual Nitrate sample. Collect a periodic Arsenic sample. Collect cyclic IOC samples. Collect a periodic VOC sample. Collect 5 lead and copper samples.	N/A
BJORMKAN	No RMW	40	CLOVER PASS RESORT / AK2120020 (133 / NC)		4																System is closed for the season. They will receive a reminder of the turbidity parameters with the 2023 monitoring summary before startup.	Submit an operator report with 95% or more turbidity samples in compliance with the FANL.	N/A
Vacant (ZELLMER)	YKHC	22	CROOKED CREEK WATERING POINT / AK2280302 (147 / C)					1 1	1						5 3	3					PWS has unresolved deficiencies from 2018 survey. Overdue nitrate, TTHM/HAA5 and Lead & Copper monitoring.	Correct the 4 sanitary survey deficiencies. Collect an annual nitrate sample. Collect TTHM/HAA5 samples during 2022. Collect 5 Lead & Copper samples 1st half 2023 per approved plan.	NA
SMELTER	Maniilaq	16	DEERING UTILITY SYSTEM / AK2340222 (160 / C)							3					1						DBP MCL and MR violations remain valid. System has been exceeding TTHM LRAA since 1st quarter 2022.	System must optimize treatment process to avoid treating water when turbidity levels are high and upgrade their treatment system to control TTHM MCL exceedance.	VSW funding for Phase II WTP improvements. We have no new information on when VSW will start Design & Construction of phase II. Work had been paused in Deering, due mostly to the pandemic.
LATIMER	No RMW	12	DIAMOND-M RV PARK / AK2249701 (38 / NC)			2	2					1									Not compliant with SSUP since 2021. Active for 2022 summer season until end of September. Requested yet did not receive sample results or SSUP forms.	At start of 2023 season (mid-May) submit seasonal startup form, and collect a total coliform sample.	N/A
SHARP	NSHC	75	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)			1			12					2							Diomede exceeds the RAA MCL for Arsenic and Nitrate due to poor source quality. Due to location, system does not have reliable access to mail, phone, or internet service. Routine sampling is challenging.	System needs to install treatment to address 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). A pilot study was conducted in 2021 to support WTP design. Request for construction approval was expected last month, but not yet received.

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Staff	RMW	Est New ETT Score	System Information	RTCR SW		NS.		c)	LCR Rads	RTCR SW	GWR				SOC	CCR	NA	General Comments	How to Return to Compliance	Known Hardware Problems
SMELTER	No RMW	16	DOT & PF TOK COMBINED FACILITY / AK2380620 (26 / NC)				3											System has outstanding sanitary survey deficiencies.	System must correct or provide a corrective action plan with timeline for the outstanding deficiencies.	Groundwater well has historic separation distance issues. Waiver request received but approval is pending action plan for regrading around well. No update 1/24/23
NAKANISHI	No RMW	20	FOREST PARK TC / AK2210794 (175 / C)		1		2											Sanitary Survey deficiencies (GWR) are from the 2016 and 2019 surveys. The system triggered a level one assessment on 6/8/2022 that was not completed.	Address sanitary survey deficiencies. Submit completed Level one assessment to DEC.	Modifications to distribution system are temporary.
SHARP	тсс	68	GALENA WTP1 - CITY / AK2360272 (490 / C)					12					5					Galena WTP-1 is exceeding the MCL for TTHM and HAA5, and has since 4th quarter 2019. Exceeded the Copper action level in 2018 and then had a single set of samples that were below the action level in the last half of 2019. Once COVID began, the system has not been allowed to sample in homes and continues to have issues with the community allowing access for sampling.	The system needs to optimize or upgrade their treatment system to limit DBP formation and increase TOC removal. System needs to submit two consecutive six-month sets of lead/copper samples.	
LATIMER	No RMW	20	GEORGE INLET CANNERY / AK2121501 (129 / NC)		2		1			2								Overdue for several requirements since 2018/2019, yet inactive 2020 and 2021 (COVID related). Active for 2022 summer until October. Requested yet did not receive sample results, SSUP form, or monthly operator reports.	At start of 2023 season (May/June) submit seasonal startup form, collect a total coliform and a nitrate sample, and, submit monthly operator report by 10th day of their 2nd month of operation.	
Vacant (ZELLMER)	үкнс	145	GRAYLING WATER SYSTEM / AK2280066 (195 / C)	7						2 59		8	3					PWS struggles to consistently meet SW turbidity monitoring requirements. Last sampled for E. coli (LT2) in 2018, DBPs in 2020, Lead/Copper in 2019.	Submit a completed MOR that meets SWTR requirements. Sample for E. coli (LT2), DBPs, 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. PWS does not have a suitable tap available to measure CFE turbidity.
BJORMKAN	No RMW	15	HECLA GREENS CREEK 920 LEVEL / AK2119205 (175 / NTNC)					3										The last two quarter results have been about half of the MCL. After the March set the HAA5 LRAA should fall below the MCL.	Collect a sample in March 2023 that allows the HAA5 LRAA to be calculated below the MCL.	N/A
BJORMKAN	No RMW	21	HOLLIS SCHOOL / AK2120541 (28 / NTNC)					2		3		7						System is making modifications and is not fully staffed. They are struggling to maintain compliance.	Collect a full set of DBP samples that allows the LRAAs to be calculated below the MCL and submit a completed MOR.	N/A
BJORMKAN	DEC	89	KAKE MUNICIPAL WATER / AK2130083 (415 / C)					17										HAA5 is still exceeding the LRAA at 74.3 mg/L. System modifications do not appear to be lowering the DBP levels as quickly was hoped. Still may be dropping but time will tell.	Collect a set of DBP samples that allow for the LRAA for HAA5 to be calculated below the MCL.	N/A
BJORMKAN	No RMW	24	KB SUB. WATER SERVICE ASSOC. / AK2243658 (170 / C)					4								1		System is working with the State to pursue WIIN grant funding to install a treatment system. CCR was not completed and the violation will be required in the 2023 CCR.	Install treatment or find another long term solution to lower arsenic levels. Complete and distribute the 2023 CCR on time.	N/A

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Staff	RMW	Est New ETT Score	System Information	RTCR	Nitrate	RTCR SW	GWR Nitrate	Arsenic DBP	LCR	Rads RTCR	SW GWR	Arsenic	ICR	200	soc	Rads	PN	General Comments	How to Return to Compliance	Known Hardware Problems
BJORMKAN	DEC	84	KLAWOCK / AK2120169 (904 / C)					16										System is looking into modifications/ upgrades and have projects in process with ANTHC. This includes the installation of a PAX mixer to be installed in early 2023.	Collect a set of DBP samples that allow for the LRAA for HAA5 to be calculated below the MCL.	N/A
Vacant (ZELLMER)	YKHC	19	KOTLIK WATER SYSTEM / AK2272004 (617 / C)					3				2						PWS often has TOC results with the treated water TOC being higher than the raw water TOC. PWS has been contacted previously regarding concerns that their TOC samples are getting mixed-up.	Meet monthly TOC removal requirements.	N/A
Vacant (ELMORE)	No RMW	73	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3234 / C)					14										PWS exceeded the TTHM MCL since 2019 and the HAA5 MCL since 2015 with the exception of January-March of 2021 where the LRAA was 0.060 mg/L.	System must upgrade their current treatment, which is expected to be completed by the end of 2022.	New Ultrafiltration-Nanofiltration membrane treatment system was granted interim approval to operate. Monitoring of new WTP will continue throughout the interim period and DBP levels are expected to improve.
Vacant (ZELLMER)	No RMW	21	KSD ANIAK SECONDARY SCHOOL / AK2271732 (80 / NTNC)				1 1		1	1								PWS has unresolved sanitary survey deficiencies from their last survey. Last nitrate sample was 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
Vacant (ZELLMER)	No RMW	12	KSD UPPER KALSKAG PRIMARY SCHOOL / AK2272751 (50 / NTNC)				1			4								Overdue TC monitoring and has unresolved survey significant deficiency.	Collect TC sample, correct significant deficiency.	
Vacant (ZELLMER)	ҮКНС	77	KWETHLUK NEW PIPED WATER SYSTEM / AK2272017 (760 / C)	4				5		1	5	1	. 1					WWS consistently does not report the required # of EP CI residuals, and periodically has issues with EP CI residuals falling below 0.2 mg/L. PWS not meeting DBP TOC % removal requirements. It appears that TOC samples are potentially getting mixed-up, which would cause their treated TOC to be higher than their raw TOC, and then their RAA TOC removal becomes skewed. Last annual Lead and Copper samples were 2020.	month, and ensure that the EP CI residual stays above 0.2 mg/L. Improve DBP Precursor sample management and consistently meet	N/A
Vacant (MORRISON)	YKHC	60	KWIGILLINGOK WASHETERIA / AK2271700 (400 / C)								46	g	) 1					PWS has not completed LT2 sampling. Has not monitored for TTHM since 2014 (annual monitoring schedule). Did not monitor for Lead and Copper in 2020 (3 year schedule).	Collect LT2 samples biweekly when making water. Sample TTHM in February 2023 and HAA5 in September 2023. Sample for Lead & Copper in 2022.	System is on long term BWN, experiences difficulty meeting community demand.
Vacant (MORRISON)	No RMW	37	LKSD MEKORYUK NUNIVAARMIUT SC / AK2270972 (67 / NTNC)				1	5				5						PWS has open corrective actions from a sanitary survey. Exceeds TTHM MCL since 3rd quarter 2021. Has not sampled distribution chlorine residual since 3rd quarter 2021.	Address the open corrective actions. Sample distribution system chlorine residual with the next total coliform sample.	N/A

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Staff	RMW	ETT Score	System Information	RTCR	Nitrate	SW	GWR Nitrate	Arsenic DBP	Rads RTCR	SW	Arsenic	DBP	10C	voc	SOC Rads	CCR	Z	General Comments	How to Return to Compliance	Known Hardware Problems
Vacant (MORRISON)	No RMW	47	LKSD NEWTOK AYAPRUN SCHOOL / AK2272007 (175 / NTNC)			:	1	7		1		2					Ex Sy sa	sceeds TTHM MCL since 1st quarter 2021.  Is stem has an open corrective action from a sinitary survey, but the issue cannot be selved due to rapid land subsidence.	Reduce TTHM RAA.	N/A
Vacant (MORRISON)	No RMW	27	LKSD NIGHTMUTE HS & ELEM / AK2271261 (259 / NTNC)	1						16							re	WS does not submit monthly operator ports that meets entry point chlorine isidual requirements.	Submit monthly operator reports with daily entry point chlorine residual readings.	This GU system is on a BWN since December 2021 due to inadequate chlorine treatment and turbidity monitoring.
Vacant (VANSANDT)	вванс	16	MANOKOTAK HEIGHTS W/S / AK2262246 (215 / C)									2	2 1	1	7		Co tre ex	verdue for Inorganic, VOC, SOC, and Lead & opper sampling. PWS is on corrosion control eatment process since 2013 due to copper AL occedance. Overdue lead and copper were ut on six-month monitoring effective in 2022.	In 2022, monitor for VOCs, lead and copper, Inorganic, submit 2020-22 SOC monitoring waiver renewal application to DEC.	N/A
Vacant (VANSANDT)	вванс	16	MANOKOTAK WATER SYSTEM / AK2260090 (293 / C)				1				1	2	2 1	1 :	3		de No sa wi	as unresolved significant sanitary survey efficiencies from the 2019 survey inspection: o Well #1 vent screen and inadequate unitary seal due to hole. Overdue monitoring ith last Arsenic in 2013, inorganics in 2009, CR and VOCs in 2013.	Address outstanding well seal and vent screen deficiencies. Monitor for overdue arsenic, lead and copper, inorganics, and VOCs.	N/A
Vacant (MORRISON) Vacant (ZELLMER)	No RMW YKHC	33	MERTARVIK WATER SYSTEM / AK2272756 (170 / C) MOUNTAIN VILLAGE WATER SYSTEM / AK2270150 (850 / C)				1		3			5	5	7	11		nc sta m sc sta	WS did not monitor for nitrate in 2021. Has obt monitored for lead and copper since artup in 2020 (on 6 month schedule). Has not onitored for VOC since 2020 (quarterly chedule). Has not monitored for RADs since artup (quarterly schedule).  verdue DBPs, PN, and triggered source water imple(GWR)	Sample for nitrate ASAP. Sample for lead and copper in 2022. Sample for VOC and RADs quarterly.  Sample for DBPs and complete PN.	N/A
Vacant (MORRISON)	YKHC	37	NATIVE VILLAGE OF SLEETMUTE / AK2271874 (82 / C)	2					1	6		6				2	Sy	vstem has not sampled for DBPs since 2017 on annual schedule).	Sample for DBPs in August 2023.	N/A
Vacant (MORRISON)	ҮКНС	59	NEWTOK WATER SYSTEM / AK2271431 (435 / C)	2				4	1	4		5 1	L		3	2 1	PV qu Di ye	WS exceeds TTHM & HAA5 MCL since 3rd uarter 2021 and is overdue on DBPs samples. id not sample for lead and copper in 2021 (3	Reduce TTHM and HAA5 RAAs. Sample for TTHM and HAA5 in December 2022. Sample for lead and copper in 2022. Submit overdue CCR Certifications. Apply for SOC waiver. Issue overdue Public Notice.	N/A
Vacant (MORRISON)	YKHC	20	NIGHTMUTE NEW WATERING POINT / AK2271721 (243 / C)						1	1		1	3					o lead and copper samples collected since 207 (annual schedule).	Sample for lead and copper ASAP.	N/A

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Staff	RMW	Est New ETT Score	System Information	RTCR	SW	Nitrate RTCR	SW	Nitrate	Arsenic DBP	LCR	RTCR	SW	Arsenic	DBP	IOC IOC	voc	SOC	CCR	PN	General Comments	How to Return to Compliance	Known Hardware Problems
Vacant (VANSANDT)	No RMW	15	NINA NICHOLSON SUBDIVISION / AK2263010 (31 / C)										1		1	1		7		PWS fails to submit their CCR and certification since 2019 despite reminders. Last monitored annual nitrate in 2020, for cyclic arsenic in 2009, for periodic lead and copper in 2016, and periodic VOCs in 2015.	In 2022, submit CCR report and certification, monitor for arsenic, lead and copper, and VOCs.	N/A
Vacant (VANSANDT)	DEC	32	NONDALTON / AK2260260 (205 / C)		1						2	10		3	1	1	3	1		Overdue Nitrate, DBPs, VOCs, Lead & Copper and MOR. System did not submit 2020-2022 SOC Monitoring Waiver nor collected quarterly SOCs. CCR report & certification for 2021 operations was not submitted.	Submit adequate SW monthly operator reports. Monitor for nitrate, VOCs, Lead and copper, Radionuclides & GA, and submit CCR report and certification.	N/A
Vacant (ZELLMER)	YKHC	41	NUNAM IQUA WATER SYSTEM / AK2270207 (213 / C)					3	3					5		2				Overdue Nitrate, Lead/Copper, and VOC. Quarterly DBP TT violations being accrued due to possible raw/treated TOC sample mix-up. PWS fails to collect all monthly TOC/Alkalinity samples.	Collect an annual Nitrate sample. Collect all monthly TOC/Alkalinity samples. Complete LT2 raw water monitoring per approved sampling plan. Collect 5 Lead & Copper samples per an approved sampling plan. Collect an annual VOC sample.	
Vacant (VANSANDT)	DEC	18	OLD HARBOR / AK2250061 (246 / C)					1						3	6	1				Overdue Nitrate, DBPs (TTHM&HAA5) and VOCs. Lead & Copper was monitored in May 2022, but was incomplete (10 samples required, but only 5 were collected). PWS has Copper AL exceedance and will need to continue to monitor every 6 months for lead and copper until they address their copper ssues.	In 2022, monitor for annual Nitrate, DBPs, and VOCs. Monitor Lead & Copper every sixmonths (10 samples/set) until able to actively address their corrosion issues.	N/A
Vacant (MORRISON)	ҮКНС	24	OLD KASIGLUK - AKIUK / AK2272752 (240 / C)				1				12	1		4						PWS has open corrective actions from sanitary survey and missed deadline to consult with State. Has not sampled for total coliform or distribution system chlorine residual since September 2021.	Sample for total coliform and distribution system chlorine residual ASAP. Consult with the State regarding deficiencies, develop corrective action plan.	N/A
Vacant (MORRISON)	ҮКНС	86	OSCARVILLE WATERING POINT / AK2270061 (75 / C)				1	3			8	17	3	2	8 1	3 :	3 11	. 5		PWS is not submitting required Monthly Operator Reports. Overdue Nitrate, TC, Arsenic, IOCs, Lead & Copper, VOC, SOC and RADs. PWS has not completed LT2 monitoring. Overdue for CCR and CCR Certifications and has not corrected significant deficiencies from the 2021 Survey. YKHC recently reported that there is no operator and consequently the system will be shut down for the winter.	Submit monthly operator reports. Monitor for regulated contaminants. Submit overdue CCR and CCR Certification Forms. Address significant deficiencies.	System is on a long term BWN due to inadequate treatment.

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Staff	RMW	Est New ETT Score	System Information	<u>«</u>		RTCR			Arsenic	LCR	RTCR	SW	Arsenic				Soc	CCR	PN	General Comments	How to Return to Compliance	Known Hardware Problems
Vacant (VANSANDT)	No RMW	23	PETER PAN SEAFOOD PORT MOLLER / AK2261216 (140 / NC)		1		1					3								Seasonal TNC system that's not meeting the SWTR due to current system configuration and lack of coagulation. PWS is continuing to work with their consulting engineer and ADEC engineer to reduce load on filters. They expect to be fully operational by next season in 2023 with DEC engineering operational approval.	Install filtration system that meets the SWTR requirements.	System does not meet SWTR due to lack of coagulant in their filtration units.
Vacant (MORRISON)	Үкнс	50	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)								3				20 1	4	7	10		Classified as GU but does not filter or treat, and has been on BWN since 2014. Overdue VOCs, Lead & Copper, IOCs, RAD and SOC. Overdue for CCRs and Certifications. Still needs to submit RTCR Sample Siting Plan.	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. On BWN.
Vacant (VANSANDT)	No RMW	15	RED DOG INN / AK2260749 (145 / NC)					2			3									Overdue Nitrate and total coliform.	Monitor for overdue annual nitrate and continue monthly coliform monitoring.	N/A
Vacant (VANSANDT)	DEC	12	SAINT GEORGE WATER SYSTEM / AK2260074 (65 / C)								4				3					Reportedly fails to collect routine samples due to lack of sufficient funding and no trained water operator. Overdue for nitrate, RTCR, Lead & Copper and VOCs.	Monitor for overdue monthly coliform, Lead and copper.	N/A
Vacant (MORRISON)	YKHC	66	SCAMMON BAY WATER SYSTEM / AK2270184 (637 / C)		1							45		4	2					Has not met Entry Point Chlorine reporting requirements on MOR since 2018. Overdue Lead & Copper, quarterly DBPs, and PN Certification for Entry Point Chlorine residual below 0.2 mg/L in April 2022.	Submit Monthly Operator Reports with required number of daily Entry Point Chlorine Residual readings. Sample for Lead & Copper in 2022. Submit overdue PN Certification.	System is prone to freezing and experiences high water demand during the winter.
Vacant (MORRISON)	YKHC	11	SHAGELUK WATER SYSTEM / AK2280040 (60 / C)											6	1					Violations for missed DBP sampling and lead/copper monitoring.	Collect DBP sample and Lead/Cooper sample	
SHARP	NSHC	42	SHISHMAREF WATER SYSTEM / AK2340484 (572 / C)						8											System exceeds TTHM MCL LRAA. PWS has historically had TTHM issues due to being a fill and draw system with a short pumping window. GAC was installed to help reduce ITHM/HAA5. HAA5 levels remain below the MCL.	System must change GAC media before it becomes exhausted to help reduce DBP levels.	Changing GAC media before it becomes exhausted should reduce DBP levels.
HARRIS	DEC	89	TATITLEK WATER SYSTEM / AK2291130 (95 / C)						17											System has ongoing DBP exceedances since 2015. As of November 2022, the turbidimeters were repaired. System still exceeding Lead. Faucet replacement was not done during RMW visit in October 2022.	Install treatment to reduce DBP's. Replace faucets where Lead is exceeding.	High Lead levels in distribution system.

Violations bell	ig generateu. C		s submitted by Drinking Water Program		Poin		30, 2	5 Pc	nint						1 Poir	nt						
Staff	RMW	Est New ETT Score	System Information	<u>«</u>		Nitrate RTCR	SW		Arsenic	ICR	Rads	SW	GWR Arsenic				soc	Rads	ž z	General Comments	How to Return to Compliance	Known Hardware Problems
Vacant (VANSANDT)	No RMW	21	TRIDENT SEAFOODS INC. SAND PT / AK2262351 (400 / NTNC)		2									1						Violations for missed DBP sampling and turbidity and EP chlorine TT violations.		
Vacant (ZELLMER)	ҮКНС	25	TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)				1	. 1		1			1		4	1				PWS has unresolved survey deficiencies. Overdue for nitrate, arsenic, and VOC. Lead & Copper corrosion control monitoring/steps have not been completed, PWS has one 6M sample below AL but has not collected second 6M set.	Address the 3 outstanding sanitary survey deficiencies. Collect an annual nitrate sample. Complete required Lead & Copper corrosion control monitoring/steps and/or collect satisfactory 1st half 2023 Lead & Copper samples. Collect an annual arsenic sample. Collect a periodic VOC sample.	N/A
SMELTER	NSHC	201	UNALAKLEET CITY WATER SUPPLY / AK2340387 (757 / C)		19						2	7		1						System has been on a BWN since August 2022 and was previously on a BWN November 2021-July 2022 for ongoing turbidity issues. RTCR, turbidity, and DBP monitoring violations are valid, as are SW TT violations. System has been out of compliance with the turbidity TT since July 2021.	System has ongoing water quality and operational issues. System is also struggling to submit required samples. To return to compliance, system must submit all required compliance sample and optimize treatment or make WTP/source modifications so that they can meet filtration requirements on a continuous basis.	PWS routinely exceeds the SWTR treatment technique requirements. DEC granted construction approval for WTP improvements that could help reduce high turbidity events. Interim approval to operate the project was received but deemed incomplete. A project to develop a groundwater source that would not require microbial treatment was granted construction approval 12/18/2021. Construction was delayed and is expected to start Summer 2023.
Vacant (MORRISON)	No RMW	12	UNITED PENTECOSTAL CHURCH / AK2271790 (121 / NC)				1				3									Overdue TC sampling and failure to correct a significant deficiency from Sanitary Survey.	Take TC sample and correct deficiency.	
SMELTER	тсс	17	VENETIE WATER SYSTEM / AK2300248 (181 / C)									14								SW MR violations are valid. The system has not submitted a complete operator report since October 2021. System is currently on a BWN. System is currently operating without an administrator or operator.	System must retain an operator and submit a complete operator report to return to compliance.	Project approved June 2020 to construct a new WTP/washeteria building and move the existing water treatment system to the new building. Sanitary survey deficiencies are scheduled to be addressed by the project. Project requested interim approval to operate in December 2022 but was incomplete, comments were provided.
Vacant (VANSANDT)	No RMW	19	VFW KODIAK POST #7056 / AK2250493 (46 / NC)				1				2	8								Has unresolved significant sanitary deficiencies since 2017 and fails to consistently submit monthly operator reports with adequate chlorine and turbidity data.	Provide corrective action plan with timelines for outstanding Sanitary Survey deficiencies and notify DEC of any corrective actions completed. For SW MORs, need to submit with adequate data consistently.	N/A

			Est New		10	Poir	nt			5 Po	int						1	Poir	nt					
	Staff	RMW	ETT Score	System Information	RTCR	SW	Nitrate	RTCR	GWR	Nitrate	Arsenic	LCR	Rads	RTCR	GWR	Arsenic	DBP	¥ 2	VOC	soc	Rads	PN	General Comments How to Return to Compliance Known Hardware Problems	
																							System needs to install treatment to address	
																							System has historically exceeded the RAA MCL   the Uranium RAA MCL and collect a current   Construction approval (CA) extended for ne	ıew
																							for Uranium. The system is overdue for Uranium sample to address monitoring surface water source (infiltration gallery) are	and a
																							quarterly Uranium monitoring. The city needs violations. City needs to make payment for cartridge filtration WTP. Construction is	
				WALES WATER SYSTEM / AK2340191 (173																			to submit payment to process their SOC SOC waiver to return the system to compliance nearly complete but will not go into operati	tion
9	HARP	NSHC	40	/ C)									6							3	5		monitoring waiver. for SOC MR violations. until spring/summer 2023.	

#### **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, Kristine Crippen (EPS) 269-7521, Vacant (EPS) 269-3068, Vacant (EPS) 269-7653, Vacant (EPS) 269-5067, Vacant (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Vacant (EPS) 269-3068, Vacant (EPS) 269-7653, Vacant (EPS) 269-5067, Vacant (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Vacant (EPS) 269-3068, Vacant (EPS) 269-7653, Vacant (EPS) 269-5067, Vacant (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Vacant (EPS) 269-3068, Vacant (EPS) 269-7653, Vacant (EPS) 269-5067, Vacant (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Vacant (EPS) 269-3068, Vacant (EPS) 269-7653, Vacant (EPS) 269-7653, Vacant (EPS) 269-7653, Vacant (EPS) 269-7617, Vacant (EPS) 269-7618, Vacant (EPS) 269-761 269-7631.

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

GENERAL ETT QUESTIONS: Jeanine Vance (EPM) 269-2007, Karen Garland (EPS) 451-2137, Eric Burg (EPS) 262-3401

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.

https://dec.alaska.gov/water/technical-assistance-and-financing/best-practices/ Link to BP Webpage

#### 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.

https://www.commerce.alaska.gov/dcra/dcrarepoext/Pages/PhotoLibrary.aspx Link to Photo Library Webpage

#### Remote Maintenance Worker (RMW) Service Area Abbreviations

BBAHC= Bristol Bay area Health Corporation Maniilag = Maniilag Health Corporation TCC= Tanana Chiefs Conference

DEC= AK Department of Environmental Conservation **NSHC= Norton Sound Health Corporation** YKHC= Yukon Kuskokwim Health Corporation

LT2= Long Term 2 Enhanced Surface Water Treatment Rule

No-RMW= Not served by an RMW Program

GWUDI= Groundwater under the direct influence of surface water

**Link to RMW Directory** https://dec.alaska.gov/media/23045/rmw-directory.pdf

#### **Definitions**

DPB= Disinfection by Products

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,

TC= Total Coliform DSRD= Distribution Chlorine Residual M/R= Monitoring and Reporting (type of violation)

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 (Also called Bacti)

EPA= Environmental Protection Agency NOV= Notice of Violation TT= Treatment Technique (violation) EPRD= Entry Point Residual Distribution OCC= Optimal corrosion control (Pb/Cu Rule) TTHM= Total Trihalomethanes (Stage 1 Rule)

ETT= Enforcement Targeting Tool PER= Preliminary Engineering Report VOC= Volatile Organic Chemicals

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 RAA= Running Annual Average

LT1, and LT2)