

July 2024 ETT List

Note: Column titled "Est. New ETT Score" is the estimated new score based on the violations that have Returned to Compliance (RTCd) during the Quarter. Please note that this score will likely change on the next quarter's list due to further violations being generated. Comments submitted by Drinking Water Program staff on July 29, 2024.

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	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBP	LCR	Rads	RTCR	SW	GWR	Arsenic	DBP	LCR	IOC				VOC	SOC	Rads	CCR	PN							
NAKANISHI	YKHC	80	ALAKANUK WATER SYSTEM / AK2270362 (570 / C)								2							28				31	1		5									Nitrate, TOC (intake/raw) and E.coli were last collected in 2021. TOC (treated) and Alkalinity (intake/raw) were last collected in 2016. VOC's and DBP's were last collected in 2015. Last full set of Lead & Copper samples were collected in 2012. Gross Alpha last collected in 2006	Sample for Nitrate, TOC (raw & treated water), Alkalinity (raw water), LT2 (raw water), VOC's, DBP's, PbCu, and Gross Alpha asap.	None known	
NAKANISHI	YKHC	21	ATMAUTLUAK WATER SYSTEM / AK2271033 (311 / C)								1	2										2				2								DBP's last taken in 2019. Corrective Actions for sanitary survey significant deficiencies due January, 24 2024, have not been completed.	Sample for DBP's and complete significant deficiency corrective actions.	None known	
SHARP	TCC	73	CHALKYITSIK VILLAGE WATER / AK2300183 (76 / C)																															System began exceeding TTHM LRAA MCL during 4th quarter 2020 and continues to exceed.	System needs both adequate funding and to optimize or upgrade treatment, including establishing and adhering to a GAC media change out schedule, to help reduce DBP formation.	Adequate GAC media change out frequency may reduce chances of DBP exceedance. Plans were approved June 2024 for a water treatment plant project intended to reduce DBPs. The project includes new winter/summer source intake, replacement WST, and modifications to the WTP, including CT contactor tanks to reduce chlorine use and new GAC media.	
AGUE	YKHC	11	CHEVAK WATER SYSTEM / AK2270320 (938 / C)								2																							Last Nitrate sample results are from 2021.	Collect a Nitrate sample ASAP.	None known	
CRIPPEN	BBAHC	28	CHIGNIK LAKE WATER SYSTEM / AK2261096 (200 / C)								1	3														4								PWS last monitored for Nitrate in 2020 and Lead/Copper in 2019. The outstanding corrective action for booster station that was constructed without ADEC engineering approval remains unresolved. ANTHC submitted a PER for review this spring and will be applying for CIP funding that should address a new booster pump station and storage tank as well as a tie-in to the school's well to supplement their current source.	Monitor for Nitrate. Monitor for Lead & Copper. Address the outstanding corrective action.	System is on a long term BWN due to consistent pressure/water loss.	
NAKANISHI	YKHC	24	CHUATHBALUK WATER SYSTEM / AK2272012 (123 / C)								1	2					2								2	1		1						Overdue for Lead Consumer Notification, Nitrate, and VOC's as of 2022. Overdue for DBP's as of 2020. Overdue for RTCR since January 2024.	Sample for VOC, Nitrate, DBP's, and TC, and complete their Lead Consumer Notification.	None known	
CRIPPEN	YKHC	12	CITY OF HOOPER BAY / AK2270312 (1200 / C)								1																						Overdue for Nitrate and DBPs. Statewide EPS will continue to reach out to the system about consulting with the state regarding their most recent sanitary survey.	Collect Nitrate sample ASAP. Sample for DBPs between October and December 2024. Consult with the State regarding deficiencies, develop corrective action plan.	None known		
DAVIS	BBAHC	43	CLARKS POINT WATER SYSTEM / AK2260202 (128 / C)								1	5																	2	4	1	2			Corrective Actions Sanitary Survey (CASS) from 2021 unresolved. No annual Nitrate, Lead/Copper samples collected since 2017. Last 3-year periodic Arsenic sample was in 2012. Last 3-year periodic VOCs was collected in 2014.	Correct sig. deficiency (extend well casing to 12 in. and apply for separation distance waiver). Collect Nitrate, DBPs, VOCs and Arsenic. Collect 6-month 10 sample set Lead & Copper.	Well repairs needed.

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				RTCR	SW	GWR	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBP	LCR	Rads	RTCR	SW	GWR	Arsenic	DBP	LCR	IOC				VOC	SOC	Rads	CCR
HAKALA/BO DYFELT	Manilaq	54	DEERING UTILITY SYSTEM / AK2340222 (160 / C)																								PWS exceeds DBPS and missed quarterly samples (4Q 2023/1Q 2024). Overdue for Lead/Copper monitoring,(Last sample 2022) which continued to exceed the 90th percentile action level for Copper. Overdue for certification of Lead consumer notification for the 2020 or 2022 sample sets.	System must upgrade their treatment system to control DBP formation, increase TOC removal, and address corrosion concerns. In the meantime they must collect all required samples, including 6-month Lead/Copper and quarterly DBP samples, and complete all public notice and reporting requirements.	System must upgrade their treatment system to control DBP formation, increase TOC removal, and address corrosion concerns. VSW received funding for Phase II WTP improvements to address corrosion control and DBPs. Per a meeting with VSW 7/23/24, work could potentially be completed by the end of 2024. Design for Phase II is expected to be begin this fall.
SHARP	NSHC	104	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)				1			1	12																Diomedede exceeds the RAA MCL for Arsenic and Nitrate due to poor source quality. They missed their 2023 Nitrate and Lead/Copper samples as well as their 2022 and 2023 VOC samples, and are past due for Arsenic monitoring since 2nd quarter 2022. They also do not submit complete monthly operator reports.	System needs to install treatment to address Nitrate, Arsenic, and SWTR. System will need to send chemical samples in whenever flights are available or during site visits from regional partners. They also need to begin sending in complete operator reports.	A new WTP is currently under construction to meet SWTR, Nitrate and Arsenic MCLs, and corrosion control. A temporary WTP is planned for operation end of July 2024 with WTP construction completion expected late summer 2024. Storage tank is reported to have some internal corrosion and sediment build-up that may be contributing to water quality issues.
AGUE	YKHC	12	EMMONAK WATER SYSTEM / AK2270299 (820 / C)					1																			System triggered a Level 1 Assessment and multiple Operational Evaluation Level Reports in 2023. No report was fully completed.	Complete overdue reports.	Water storage tanks were due for cleaning at the time OEL reports were triggered, and are in the process of being cleaned during summer 2024 which may help address DBP exceedances.
MURRAY	No RMW	16	FOREST PARK TC / AK2210794 (175 / C)						2																		Sanitary Survey deficiencies (GWR) are from 2016 and 2019 surveys, system reportedly does not have the financial capacity to address the deficiencies.	System must submit engineering plans to correct deficiencies. System must sample for Lead & Copper in their distribution system.	None known
ROBERTS	DEC	31	GULKANA VILLAGE / AK2380214 (90 / C)																								System has been exceeding the TTHM LRAA MCL since 4th quarter 2022.	System must optimize their treatment system to limit DBP formation and increase TOC removal. System will RTC once TTHM LRAA is below the MCL.	A new WST is currently being constructed to replace the existing tank and piping is designed to reduce thermal stratification; this could reduce water age in tank and help with reduction in DBP formation. A temporary water tank is being used while the permanent one is constructed.
BJORKMAN	No RMW	11	HECLA GREENS CREEK 920 LEVEL / AK2119205 (175 / NTNC)																								They system is exceeding the HAA5 MCL. PN and OEL issued 7/23/24.	Collect a set of DBP samples with the LRAA for HAA5 below the MCL.	None known
ROBERTS	Manilaq	92	KIVALINA WATER SYSTEM / AK2340117 (452 / C)		9																						The SW TT violations are for not meeting entry point chlorine requirements. DBP violation due to not collecting their TTHM sample in February 2024.	When the system is pumping for the season they must ensure they are chlorinating appropriately to meet SW treatment rules and submit complete monthly operator reports. They will need to collect their TTHM sample in February 2025 to return to compliance.	New direct filtration and GAC WTP construction approval issued. New WTP should help address low entry point chlorine. Construction was delayed to 2024 with start-up planned for 2025.

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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 with the LRAA for HAA5 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).
NAKANISHI	YKHC	20	KOTLIK WATER SYSTEM / AK2272004 (617 / C)																							PWS has not TOC % removal requirement since march 2023. System did not sample for Lead & Copper in 1st half of 2024	Resolve TOC % removal issues and sample for Lead & Copper.	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. Long term fixes are being designed for implementation this fall. The system is actively working to resolve the treatment issues.
MORRISON	No RMW	14	KSD ANIAK SECONDARY SCHOOL / AK2271732 (80 / NTNC)																							Public Notification/Public Education requirements associated with the Lead/Copper exceedance (9/2020) and Lead Consumer Notices for 2022 samples are overdue. Lead/Copper samples were taken in January-June 2024, but was not a complete set of 10 samples.	Complete the Lead public notification, public education, and consumer notice requirements. Collect 10 Lead/Copper samples for the next 6 month period.	None known
AGUE	YKHC	19	KWETHLUK NEW PIPED WATER SYSTEM / AK2272017 (760 / C)																							Quarterly DBPs not collected since January 2023. System has an open TT violation for failure to meet TOC removal ratios. Overdue for Lead & Copper sampling and does not have a sample plan on file. Monthly operator reports do not meet the required number of chlorine readings. Chlorine residuals are routinely below the federal minimum 0.2 mg/L or State minimum 0.3 mg/L.	Collect DBPs ASAP. Complete a Lead & Copper sample plan and collect 10 samples. Submit a complete operator report. Continue collecting monthly TOC samples and increase removal ratio.	None known
MORRISON	YKHC	77	KWIGILLINGOK WASHETERIA / AK2271700 (400 / C)																							Last TC and dist. chlorine residual sample taken 2/29/24. 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 monthly TC and dist. chlorine residual sample. Collect LT2 samples when making water. Collect annual samples for VOC, Nitrate, and DBPs (HAA5 and TTHM). Collect set of 5 Lead/Copper samples every 3 years.	None known
AGUE	YKHC	11	LOWER KALSKAG WATER SYSTEM / AK2270697 (302 / C)																							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.
NAKANISHI	YKHC	19	MERTARVIK WATER SYSTEM / AK2272756 (170 / C)																							Last Nitrate sample taken in 2020	Sample for Nitrate.	None known

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NAKANISHI	YKHC	17	NAPASKIAK WEST WATER SYSTEM / AK2260139 (200 / C)								1	1																PWS has unresolved Sig deficiencies 2018 & 2022 Sanitary surveys. Lead & Copper, Nitrate and DBP samples overdue as of 2023	Work with DEC to correct Significant Deficiencies, sample for Nitrate, Lead & Copper, and DBP's	None known
NAKANISHI	YKHC	65	NEWTOK WATER SYSTEM / AK2271431 (435 / C)									2		4				3	12									Nitrate, VOC, and DBP's last taken in 2021. PbCu last taken in 2019. LT2 sample last taken in 2020	Sample for Nitrate, DBPs, LT2, LCR, VOC's and submit an Submit SOC waiver application for 2023-2025 or collect quarterly SOC samples.	Village is being relocated city due to land erosion. Source water has been contaminated with sea water and has high TDS.
AGUE	YKHC	15	NIGHTMUTE NEW WATERING POINT / AK2271721 (243 / C)						1		1																	System has open defects and deficiencies from both a sanitary survey and Level 1 Assessment conducted in 2022. RMW assistance is needed to address the outstanding issues.	Correct all open deficiencies and defects.	There is no backflow preventor on the community watering point, which also uses a non-NSF certified hose. The drainage around the well is not consistent and there is no raw water sample tap.
DAVIS	DEC	12	NONDALTON / AK2260260 (205 / C)																									No DBPs sampled since 2020, and no Lead/Copper samples since 2015. 2023-2025 SOC waiver application has not been submitted.	Collect annual DBP and 6-month 10 sample Lead & Copper sample set. Submit SOC waiver application for 2023-2025 or collect quarterly SOC samples.	None known
NAKANISHI	YKHC	34	NUNAM IQUA WATER SYSTEM / AK2270207 (213 / C)											6														TOC % removal RAA not met since 2021.	Continue to sample for TC, DBP's and TOC/Alkalinity as required.	None known
DAVIS	DEC	15	OLD HARBOR / AK2250061 (246 / C)		1																							SW TT violation for not meeting EPRD (entry point chlorine residual) requirements.	Report consistent EPRD readings at a minimum of 0.2 mg/L.	None known
CAHILL	No RMW	11	PALMER LIFEWAYS DAYCARE / AK2226055 (56 / NTNC)									2																PWS has high Arsenic.	PWS can return to compliance by testing below the Arsenic MCL after receiving approval to operate Arsenic treatment system.	None known
AGUE	No RMW	11	PETER PAN SEAFOODS PORT MOLLER / AK2261216 (140 / NC)							1								1										Current configuration of surface water system does not meet LT1 requirements. Seasonal system did not collect their monthly TC sample in August 2023 before shutting down.	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	14	PETERS CREEK TERRACE / AK2211473 (70 / C)								1																	Significant deficiency overdue as of 10/23/2023, no CCR submitted in 2022 or 2023, Lead & Copper sample were due to be taken in 2020.	Collect Lead & Copper samples, submit CCR report, and correct signification deficiency for drainage.	None known
MORRISON	YKHC	86	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)							1		2							22									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 did not submit an SOC monitoring waiver application for 2017-2019 or 2020-2022, and did not sample. Last Nitrate sample taken 2021, last VOC 2012, last Lead/Copper and IOC samples collected 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, and IOC samples.	System does not meet applicable water treatment and filtration requirements.

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				RTCR	SW	GWR	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBP	LCR	Rads	RTCR	SW	GWR	Arsenic	DBP	LCR	IOC				VOC	SOC	Rads	CCR
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.	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.
HOULIHAN	No RMW	12	SET FREE ALASKA SNODGRASS / AK2220483 (47 / NTNC)																								PWS has elevated Arsenic in one of its sources and is overdue for VOC sample.	Install treatment to reduce Arsenic below the MCL. Collect required VOC sample.	None known
AGUE	YKHC	31	SHAGELUK WATER SYSTEM / AK2280040 (60 / C)					1		2																	System last sampled for Nitrate and Lead/Copper in 2021, DBPs in 2011, and VOCs in 2019.	Collect Nitrate, DBP, Lead & Copper, and VOC samples. Correct sanitary defect identified in Level 2 Assessment.	System has open sanitary defect from a 2016 Level 2 Assessment for insufficient sanitary seal and drainage around the primary well.
BJORKMAN	No RMW	20	SILVERKING LODGE / AK2121463 (46 / NC)																								System corrected some issues with their turbidity equipment at beginning of season. The July report should show corrections/proper readings and allow for RTC of the violations.	Submit a complete operator report with all readings within the required limits.	None known
DAVIS	No RMW	11	SOUTHEAST ALASKA LOGGING / AK2250427 (45 / NTNC)							1																	No annual Nitrate, TTHM & HAA5, VOCs collected since 2022.	Collect annual Nitrate, TTHM, HAA5 and VOCs ASAP.	None known
HARRIS	DEC	89	TATITLEK WATER SYSTEM / AK2291130 (95 / C)																								System has ongoing DBP exceedances. 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	45	TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)					1		2																	System last sampled for Total Coliform in June 2023 and did not complete a triggered Level 1 Assessment. System had a Lead AL exceedance and has not completed follow up sampling. Overdue for Arsenic annual samples have not been collected since 2020.	Collect Total Coliform, Arsenic, and Lead & Copper samples. Complete Level 1 Assessment and address remaining sanitary survey deficiencies.	System is on a long-term BWN due to open significant deficiencies and failure to sample consistently.
SHARP	NSHC	40	WALES WATER SYSTEM / AK2340191 (173 / C)																								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.	Construction approval 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:** Jamie Bjorkman (Acting Program Coordinator) 262-3423, Patrick Houlihan (EPS) 262-8207, Jessica Cahill (EPS) 376-1824, Charity Bare (Engineering Supervisor) 262-3400

**Staff:** Dawnn Bodyfelt (Acting Program Coordinator) 750-0465, Michael Sharp (EPS) 451-2178, Jenny Roberts (EPS) 451-2137, Gretchen Keim (EPS) 451-2231, Johnny Mendez (Engineering Supervisor) 451-5193, Teslyn Hakala (Program Coordinator) 451-3038 on leave until October.

**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 (Acting Program Coordinator) 269-7619, Elizabeth Nakanishi (EPS) 269-7517, Kristine Crippen (EPS) 269-7521, Monica Ague (EPS) 269-7653, John Davis (EPS) 262-8201, Vacant (EPS) 269-3068 Chris Pletnikoff (Engineering Supervisor) 269-6064.

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

**Staff:** Jamie Bjorkman (Acting 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

### 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