

October 2018 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 were submitted by Drinking Water Program staff on November 9, 2018.

Program Staff	RMW	Est. New ETT Score	System Information	10 Point			5 Point					1 Point										General ETT Comments	How to Return to Compliance	Known Hardware Problems						
				RTCR	SW	GWR	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	VOC	RTCR	TCR	SW	GWR	Arsenic	DBPs				LCR	IOC	VOC	SOC	Rads	CCR
SECARY	No RMW	11	AC ALASKA COMMERCIAL STORE / AK2270427 (475 / NTNC)																									System has not sampled for DBPs since 2012, or had sanitary survey conducted since 2012.	Sample for DBP2 in December 2018 and have a sanitary survey conducted ASAP.	System has ongoing Lead/Copper issue and is working on CCT.
SECARY	YKHC	90	ALAKANUK WATER SYSTEM / AK2270362 (570 / C)																									System has been out of compliance with Nitrate, VOCs, DBPs, and Lead/Copper since 2015. DEC has not received an MOR since August 2016.	Sample for Nitrate, DBPs, Total Carbon, VOCs, and Lead/Copper. Submit completed MORs monthly.	N/A
BJORKMAN	No RMW	11	ALPINE INN / AK2244808 (30 / NC)																									RTCR seasonal startup procedures have not been submitted since 2016.	Complete RTCR seasonal startup procedures in 2019.	N/A
BODYFELT	No RMW	12	BERING ST SD - TELLER SC/WASH / AK2340248 (295 / C)																									System has exceeded the Stage 2 TTHM LRAA MCL since 2nd quarter 2018. System has been overdue for Lead/Copper 6-month monitoring since 2017. The system exceeded the Copper AL in 2016 (1.78 mg/L).	System needs to reduce TTHM levels or find an alternate source of treatment to address TTHM LRAA MCL violations.	Filtration system does not meet LT1 treatment requirements. Construction Approval granted for new GWU source/intake in July 2018. Plan to use it when pumping water in 2019. As of Fall 2017, filtration plant project is several years away at earliest.
SECARY	No RMW	11	BETHEL TRAILER COURT / AK2271148 (500 / C)																									System has two outstanding deficiencies from the last sanitary survey.	Correct the sanitary survey deficiencies.	N/A
FENZL	No RMW	16	BOREALIS ALPHA WATER SYSTEM / AK2211708 (30 / C)																									Out of compliance for Lead/Copper (last sample 2013), VOCs (last sample 2010), Rads (last sample 2003), and CCR.	Complete sampling for Lead/Copper, VOCs and Rads. Submit CCR.	N/A
BJORKMAN	No RMW	11	BOYER TOWING / AK2120135 (39 / NC)																									No record of Nitrate sample since 2002.	Collect a Nitrate sample ASAP.	System operating without plan approval. Review stalled due to lack of submittal by project engineer.
VANSANDT	No RMW	11	BRISTOL BAY BOROUGH DOCK / AK2261591 (200 / NC)																									Seasonal system last sampled for annual Nitrate in 2015.	Monitor for Nitrate.	N/A
VANSANDT	BBAHC	19	CHIGNIK LAKE WATER SYSTEM / AK2261096 (220 / C)																									On corrosion control treatment process steps since 2013 due to historical Copper exceedances (2003, 2010, 2011). Need to correct 2016 sanitary survey deficiencies.	Correct 2016 sanitary deficiencies. Collect 10 standard Lead/Copper samples for two 6-month sets from renovated distribution system.	N/A
BURG	No RMW	21	CHILKAT RIVER ADVENTURES / AK2111526 (81 / NC)																									System has not submitted RTCR seasonal startup procedures (form and sample) for past 3 years, and has not had sanitary survey conducted since 2011.	Complete RTCR seasonal startup procedures (form and sample) in 2019 and submit to DEC. Have a sanitary survey conducted after system starts up for the season.	N/A
FENZL	No RMW	34	CHRIST TEMPLE APOSTOLIC CHURCH / AK2213506 (30 / NC)																									Overdue for RTCR and Nitrate sampling (last samples for both were in 2015). System needs to complete RTCR sample siting plan. The last sanitary survey was completed in 2008 and has been overdue since 2013.	Sample for Nitrate and TC ASAP. Complete a RTCR sample siting plan and schedule a sanitary survey.	N/A
VISSCHER	Manilaq	26	DEERING UTILITY SYSTEM / AK2340222 (160 / C)																									System has open violation for exceeding the TTHM LRAA MCL since 2nd quarter 2017.	The system must install treatment to limit disinfection byproduct formation. Construction began in Fall 2018 on WTP upgrades to bring the system into compliance with the LT2ESWTR. A grant application is in place for a project to install additional treatment to address DBP issues specifically. The project is expected to begin construction in 2020, assuming project funding is allocated.	Engineering plans for Phase I, which includes installing a new direct filtration system with coagulation and pressure sand filters, was originally received on 9/22/2017. Per VSW, most of the components for Phase I are in Deering and have been assembled. VSW is waiting on Phase II funding to resume DEC plan review, re-clean the filtered water storage tank, and complete construction. They hope to complete construction during summer 2019 pending funding. Phase II will address corrosion control and DBPs. The plan is to collect data for the Phase II design next summer once Phase I is operational, design Phase II during the Fall of 2019, and construct Phase II during the summer of 2020.
BODYFELT	NSHC	75	DIOMEDE JOINT UTILITIES / AK2340141 (184 / C)																									System has exceed the Nitrate and Arsenic RAA since 12/21/2005 and 09/21/2016 respectively. System missed their 2018 annual TTHM/HAA5 sample.	System needs to have treatment installed to address Nitrate and Arsenic MCL's, and submit a TTHM/HAA5 sample in April 2019.	ANTHC is planning to develop and install treatment plant upgrades to meet SWTR/LT1 (cartridge filters), Nitrate and Arsenic MCL's (ion exchange). Expected timelines to finish design are in 2019 and construct in 2020.
FENZL	No RMW	21	EAGLE RIVER MISSIONARY BAPTIST / AK2218585 (42 / NC)																									Out of compliance for TC sampling since May 2017. System has not submitted a RTCR sample siting plan since 2017.	Create a RTCR sample siting plan and sample for TC.	N/A
VISSCHER	TCC	42	GALENA WATER SYSTEM WTP-1 / AK2360272 (670 / C)																									System has a long history of exceeding the MCL for TTHM and has currently exceeded the TTHM LRAA MCL since 2nd quarter 2016.	System must continue to optimize their current treatment and explore alternate treatment options to limit TTHM formation within their water system. They must continue to sample quarterly for TTHM/HAA5.	System has high levels of TOC in their raw water. Treatment system was designed for iron and manganese removal, but was not designed to remove TOC. No known projects to upgrade/modify treatment system.
VANSANDT	No RMW	14	GRANT AVIATION- DILLINGHAM / AK2262733 (47 / NC)																									Overdue for Nitrate sample and has not monitored for monthly TC.	Collect Nitrate and TC samples.	N/A

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				RTCR	SW	GWR	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	VOC	RTCR	TCR	SW	GWR	Arsenic	DBPs				LCR	IOC	VOC	SOC	Rads
SECARY	YKHC	40	GRAYLING WATER SYSTEM / AK2280066 (195 / C)																								System has not submitted MORs, and not collected distribution chlorine residual level regularly.	Submit MORs, submit distribution residual disinfection level on TC samples.	WTP conditional Approval To Construct has been granted.
FENZL	No RMW	24	HANSHEW HEIGHTS S/D / AK2211643 (170 / NC)																								System has not sampled for TC since January 2017 and Nitrate since 2017. Overdue on sanitary survey since 2013, and has not submitted a RTCR sample siting plan.	Sample for TC and Nitrate. Complete a RTCR sample siting plan and have a sanitary survey conducted.	N/A
BJORKMAN	DEC	37	KASAAN / AK2120606 (46 / C)																								System has open HAA5 MCL violation since 2nd quarter 2016. Monitoring equipment failure caused elevated turbidity and chlorine levels over the last year.	Collect a set of quarterly DBP samples that allows for the LRAA for HAA5 to be calculated below the MCL.	N/A
BJORKMAN	No RMW	89	KB SUB. WATER SERVICE ASSOC. / AK2243658 (170 / C)																								Ongoing Arsenic violations are being addressed in an engineering plan review.	Collect Arsenic samples that allow the average to be below the MCL.	Engineer requested Interim Approval on 10/10/2018. DEC responded on 10/12/2018 requesting additional details on the monitoring and control of Service Well 2. Currently awaiting a response.
VISSCHER	Manilaq	14	KIANA WATER SYSTEM / AK2340230 (455 / C)																								System has open GWR violation from the 2014 and 2016 sanitary survey for failure to have a certified operator.	System must work with the Operator Training and Certification Program to develop a training plan.	N/A
VISSCHER	Manilaq	11	KOBUK WATER SYSTEM / AK2340565 (93 / C)																								System has open GWR violation from the 2013 sanitary survey for failure to have a certified operator. The open DBP2 monitoring violation is for failure to submit 2018 TTHM/HAA5.	System must work with the Operator Training and Certification Program to develop a training plan. The system must submit TTHM/HAA5 during the 2nd quarter 2019.	Inadequate well yield. Well screen needs cleaning and well filter pack redeveloped before determining if well is able to produce enough for community. Distribution is subject to freezing. Design for WTP replacement is in works.
VANSANDT	BBAHC	11	KOLIGANEK WATER SYSTEM / AK2260040 (167 / C)																								System last sampled for periodic VOCs on 6/4/2008. Need to correct sanitary survey deficiencies from survey conducted in 2017.	Monitor for VOCs and correct sanitary survey deficiencies.	N/A
SECARY	YKHC	113	KONGIGANAK WATER SYSTEM / AK2271025 (539 / C)		6																						Missed sampling and incomplete MORs. Older PWS is in need of upgrades. Part of PER being drafted is to repair water treatment.	Sample for Nitrate, SOCs, VOCs, Rads, and DBPs. Submit MORs and maintain EP chlorine residual of 0.2 mg/L for an entire month.	System has trouble maintaining distribution chlorine residual.
VISSCHER	No RMW	73	KOTZEBUE MUN. WATER SYSTEM / AK2340060 (3290 / C)																								System continues to exceed the Stage 2 HAA5 LRAA MCL. System has exceeded the HAA5 LRAA MCL since the 1st quarter of 2015.	System needs to reduce HAA5 levels or find an alternate source of treatment to address HAA5 LRAA MCL violations.	A final PER for a new WTP was posted on the City's website on January 2017. Funding from ANTHC allocated to complete the engineering design. Construction target would be 2019, pending funding. Beginning in early summer 2018, operators plan to reduce the volume of stored water in attempt to reduce water age and reduce DBP formation. WTP changed to Magnafloc LT 225 coagulant as of 8/28/2018 which could also improve TOC removal and reduce DBP's; although September TTHM result was still high.
VISSCHER	TCC	18	KOYUKUK SAFEWATER FACILITY / AK2360214 (97 / C)																								System has been exceeding the TTHM and HAA5 LRAA MCL's since October 2017. System has open TT violation for failure to have an appropriate backflow prevention device on the community watering point and for failure to have an approved ground seal around the well. The system has been out of compliance for both items since 2016.	System must collect quarterly TTHM/HAA5 samples and ensure they are backwashing filters appropriately. System must order and install a backflow prevention device on the community watering point and install a protective ground seal around the well.	N/A
SECARY	No RMW	13	KSD GEORGE MORGAN HIGH SCHOOL / AK2270833 (50 / NTNC)																								System has not sampled regularly for TC, Nitrate, and Lead/Copper at remote locations. System is overdue on sanitary survey since 2017.	Sample for Lead/Copper and submit TC samples on time and regularly. Submit a RTCR sample siting plan and have a sanitary survey conducted.	N/A
SECARY	YKHC	37	KWETHLUK NEW PIPED WATER SYSTEM / AK2272017 (760 / C)		3																						System is on annual sampling schedule for Lead/Copper but has not sampled since 2016. Also, system must maintain EP disinfection level, continue to sample for TOC & Alkalinity, and submit MORs more regularly.	Sample for Lead/Copper ASAP.	N/A
SECARY	YKHC	13	KWIGILLINGOK WASHETERIA / AK2271700 (338 / C)																								System has been in contact with DEC and has been making a great effort to return to compliance including submitting TC samples and MORs.	Continue to submit TC samples and MORs on time. Follow all other sampling schedules.	N/A
VANSANDT	BBAHC	18	MANOKOTAK WATER SYSTEM / AK2260090 (293 / C)																								GW system has not sampled for annual Nitrate since 2016. Overdue for Arsenic, VOC, and Rads. Need to address sanitary survey deficiencies.	Monitor for Nitrate, Arsenic, VOCs, and Rads. Correct sanitary survey deficiencies.	N/A

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				RTCR	SW	GWR	Nitrate	RTCR	SW	GWR	Nitrate	Arsenic	DBPs	LCR	VOC	RTCR	TCR	SW	GWR	Arsenic	DBPs	LCR				IOC	VOC	SOC	Rads	CCR
VISSCHER	TCC	16	MINTO COMMUNITY WATER SYSTEM / AK2300159 (205 / C)																									System has open GWR violation for failure to meet separation distance requirements. A bulk fuel tank is located less than 100 ft. from one well and a community sewer line is located less than 200 ft. from another well. These deficiencies were also noted in the 2017 sanitary survey. Other GWR violation is for chlorine monitoring.	System must work with the Alaska Village Electric Cooperative, their Regional Health Corporation, and the DEC to develop a plan to address the separation distance issues. System must ensure the daily chlorine residual remains at or above 0.2 mg/L and report those levels on an MOR each month to resolve their chlorine monitoring violation.	N/A
SECARY	No RMW	11	NAPAKIAK WASHETERIA / AK2262301 (365 / NC)																									System has not sampled for Nitrate since 2015.	Sample for Nitrate.	N/A
VANSANDT	DEC	13	NELSON LAGOON WATER SYSTEM / AK2260804 (103 / C)																									Requires further training with WTP operations and reporting.	Submit SW MORs, monitor for TCR with distribution chlorine readings at same site and time as TC sampling, monitor for TTHM & HAA5, and Lead/Copper. Have a sanitary survey conducted.	Broken turbidimeter.
SECARY	YKHC	108	NEWTOK WATER SYSTEM / AK2271431 (435 / C)	6																								System missed samples for DBPs, VOCs, and Nitrate. Village is in the process of relocating and cannot adequately treat the water. There has been a recent Construction Approval granted for upgrades to the WTP so system can meet the LT2 rule and switch to a water source that is less brackish.	Install adequate treatment, sample for Nitrate, VOCs, and DBPs (SOC waiver was submitted but not reviewed yet).	On BWN since July 2010. System needs to install a WTP that adequately meets the SWTR filtration requirements of maintaining CFE turbidity at 0.3NTU.
SECARY	YKHC	39	NIGHTMUTE NEW WATERING POINT / AK2271721 (243 / C)																									System has not sampled for Nitrate since 2016, TC since 2017, or IOCs and VOCs since 2003.	Sample for Nitrates, Rads, VOCs, IOCs, Lead/Copper, Arsenic, TC, and submit CCRs.	N/A
VANSANDT	DEC	61	NONDALTON / AK2260260 (205 / C)	5																								System is having difficulty producing enough water to meet demand and is regularly spending time working to keep plant running vs. routine operation and maintenance.	Submit MORs with adequate turbidity and EP chlorine residual readings.	WTP does not run in automatic for long periods of time and requires Operator to often manually make adjustments every six hours. Also likely leaks in distribution system are keeping them from meeting water demands. On BWN due to continual loss of pressure.
FENZL	No RMW	47	NORTHSTAR ASSEMBLY / AK2212623 (100 / NC)																									System has not sampled for Nitrate since 2013 or TC samples since 2015. Overdue sanitary survey since 2013.	Sample for Nitrates and TC. Create a RTCR Sample siting plan and have a sanitary survey conducted in 2018.	N/A
FENZL	No RMW	11	OMEGA HOMEOWNERS ASSN. / AK2210786 (35 / C)																									System has not submitted a RTCR sample siting plan since 2016. Did not submit the 2017 CCR and certification page.	Complete a RTCR sample siting plan and the 2017 CCR and certification page.	N/A
VANSANDT	BBAHC	12	PERRYVILLE WATER SYSTEM / AK2260359 (130 / C)																									System has unapproved cartridge filters.	Replace filters with NSF approved or adequate to meet SWTR filtration requirements and submit MORs.	Inadequate filtration system to meet SWTR.
VANSANDT	No RMW	11	PETER PAN SEAFOOD PORT MOLLER / AK2261216 (140 / NC)																									Unable to meet SWTR filtration due to system not adding coagulant prior to filtration units.	Continue monthly TC sampling and add adequate filtration system.	System does not add coagulant prior to filtration units.
SECARY	YKHC	51	PLATINUM CITY WATER SYSTEM / AK2271059 (51 / C)																									System has not submitted a RTCR sample siting plan. Has not sampled for Nitrate since 2014, VOCs since 2012 or submitted CCR certification page since 2016. Overdue for Lead/Copper samples as well.	Sample for regulated contaminants and install adequate treatment for well.	No WTP in place to meet GU/SWTR requirements. On BWN for lack of adequate treatment.
SECARY	YKHC	25	QUINHAGAK WATER SYSTEM / AK2271041 (724 / C)	2																								System cannot maintain EP residual disinfection level above 0.2 mg/L (January, March, April, May 2018). System also not meeting reporting requirements for turbidity.	Maintain EP chlorine above 0.2 mg/L. Continue to submit MORs and collect TC samples regularly w/ chlorine residual.	N/A
VANSANDT	No RMW	16	RENDEZVOUS / AK2250396 (56 / NC)																									Fails to collect monthly TC samples since August 2017. Deficiencies noted in 2017 sanitary survey need corrective action.	Collect monthly TC and correct sanitary survey deficiencies.	N/A
FENZL	No RMW	19	SALVATION ARMY - SO ANCHORAGE / AK2214471 (152 / NC)																									No Nitrate sample taken since 2015. Overdue on sanitary survey since 2015. System does has not submitted a RTCR sample siting plan since 2016.	Sample for Nitrate ASAP, create a RTCR sample siting plan, and have a sanitary survey conducted.	N/A
SECARY	YKHC	19	SHAGELUK WATER SYSTEM / AK2280040 (60 / C)																									System has correction actions for sanitary survey that need resolved. Also needs to sample for Nitrate and DBPs, and submit TC samples regularly.	Complete corrective actions, sample for Nitrate, DBPs, and sample for TC regularly.	N/A

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BODYFELT	NSHC	42	SHISHMAREF WATER SYSTEM / AK2340484 (572 / C)																									System has exceeded the Stage 2 TTHM LRAA MCL since the 1st quarter of 2015. Although they continue to exceed the LRAA, the most recent sample taken on 9/17/2018 (73.6 ug/L), showed the levels have fallen due to operational changes.	System needs to continue changing out the GAC filter media every 500 K gallons so the TTHM sample results consistently remain under the MCL.	Installed direct filtration treatment followed by GAC to reduced TTHM/HAA5 and meet LT1. In January 2018, received data in support of Final Approval for the WTP including updated change-out frequency for GAC filter media to reduce DBPs. Record drawings for the existing water haul trailer and final items needed for Final Approval of the WTP will be provided in the Fall of 2018. City Council voted to budget for, and perform, three GAC changes per year as per ANTHC recommendations. Changing GAC before it becomes exhausted should reduce DBP levels.
FENZL	No RMW	19	TOTEM TRAILER TOWN TC / AK2210574 (480 / C)																									System has open violation for not collecting quarterly Nitrate samples from Well #1, quarterly Rad samples from Well #1, annual Nitrate samples from Well #5, and VOC sampling from Well #5.	Sample Well #1 for Nitrate and Rads. Sample Well #5 for Nitrate and VOCs.	N/A
SECARY	No RMW	14	TUNDRA CENTER WATER SYSTEM / AK2271473 (80 / NC)																									System has not sampled for Nitrate since 2016 and has not submitted a RTCR sample siting plan since 2017.	Sample for Nitrate, and submit a RTCR sample siting plan.	N/A
SECARY	YKHC	12	TUNTUTULIAK WASHETERIA AND WATERING PT / AK2271211 (350 / C)																									System has Arsenic MCL exceedance from 2017, and has not sampled for Nitrate since 2016.	Sample for Arsenic and Nitrate before the end of 2018.	N/A
SECARY	No RMW	13	YUKON KUSKOKWIM CORRECTIONAL / AK2271334 (200 / NTNC)																									System has not sampled for Nitrate since 2016 and DBPs since 2012.	Sample for Nitrate before the end of 2018, and sample for DBPs during next sampling period.	N/A

DW Program Staff Contact Information

Matsu = Office located in Wasilla, AK. Covers the Matsu area.

Staff: Amy Hill (Program Coordinator) 376-1861, Tee Little (EPS) 376-1860, Darryl Gillespie (EPS) 376-1824, Vacant (EPS) 376-1849, Scott Forgue (Supervising Engineer) 262-3417

Northern = Office located in Fairbanks, AK. Covers the Northern Alaska PWSs.

Staff: Marci Irwin (Program Coordinator) 451-2168, Dawhn Bodyfelt (EPS) 451-2170, Teslyn Visscher (EPS) 451-3038, Michael Sharp (EPS) 451-2178, Lee Johnson (Engineering Supervisor) 451-2179

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 Newman (Program Coordinator) 269-7619, Justin Fenzl (EPS) 269-7518, James Latimer (EPS) 269-7521, Christopher Secary (EPS) 269-7518, Leah Van Sandt (EPS) 269-7653, Roy Robertson (Engineering Supervisor) 269-7631. *GENERAL ETT QUESTIONS:* Jeanine Vance (EPS) 269-2007 or Rachel Westbrook (EPS) 269-7630

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

Staff: Jeri Forgue (Program Coordinator) 262-3404, Eric Burg (EPS) 262-3420, Jamie Bjorkman (EPS) 262-3423, Amanda Millay (EPS) 262-3410, Scott Forgue (Engineering Supervisor) 262-3417

Remote Maintenance Worker (RMW) Service Area Abbreviations

BBAHC= Bristol Bay area Health Corporation

DEC = AK Department of Environmental Conservation

Maniilaq = Maniilaq Health Corporation

NSHC= Norton Sound Health Corporation

TCC= Tanana Chiefs Conference

YKHC= Yukon Kuskokwim Health Corporation

No-RMW= Not served by an RMW Program

Link to RMW Directory

(contact information)

<http://dec.alaska.gov/water/rmw/pdfs/RMWDirectory.pdf>

Definitions

AL= Action Level

ANTHC= Alaska Native Tribal Health Consortium

BACTI or t-Coli = Total Coliform Sample

BWN = Boil Water Notice

CCR = Consumer Confidence Report

CFE= Combined Filter Effluent

DPB = Disinfection by Products

DSRD= Distribution Chlorine Residual

EHO= Environmental Health Officer

EP= Entry Point

EPA= Environmental Protection Agency

EPRD= Entry Point Residual Distribution

ETT= Enforcement Targeting Tool

FANLs= Facility Analyte Level (refers to SW/Stage 1 monitoring requirements)

GAC= Granular Activated Carbon

GWUDISW= Groundwater under the direct influence of surface water

HAA5 = Haloacetic Acids (Stage 1 Rule)

IFE= Individual Filter Effluent

IOC = Inorganic Chemicals

LCR= Lead/Copper Rule

LRAA = Locational Running Annual Average (Stage 2)

LT1 = Long Term 1 Enhanced Surface Water Treatment Rule

LT2 = Long Term 2 Enhanced Surface Water Treatment Rule

M/R= Monitoring and Reporting (type of violation)

MCL = Maximum Contaminant Level (type of violation)

MOR= Monthly operator report

NOV= Notice of Violation

OCC = optimal corrosion control (Pb/Cu Rule)

PER= Preliminary Engineering Report

PN= Public Notice

PWS= Public Water System

RAA= Running Annual Average

RADs= Radionuclides Rule

RMW= Remote Maintenance Worker

RTC = Return to compliance (fall off SNC list)

RTCR = Revised Total Coliform Rule

SOC = Synthetic Organic Chemicals

Surface Water (SW)= Surface Water SNC for violations Surface Water Treatment Rules (SWTR, LT1, and LT2)

TC= Total Coliform

TOC = Total Organic Carbon

TCR = Total Coliform Rule (Also called Bacti)

TT= Treatment Technique (violation)

TTHM = Total Trihalomethanes (Stage 1 Rule)

VOC = Volatile Organic Chemicals

VSW= Village Safe Water

WTP= Water Treatment Plant