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ANNUAL REPORT

Federal Fiscal Year 2025

RMW Staff and Supervisors November 2024

Prepared by the

Alaska Department of Environmental Conservation

Division of Water

Technical Assistance Programs

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CONTENTS

EXECUTIVE SUMMARY

- The Remote Maintenance Worker Program provides technical assistance and training to operators of rural water and wastewater systems in 190 Alaskan communities.
- Thirteen full-time and one half-time RMWs are employed by regional health corporations and funded through grants administered by the Alaska Department of Environmental Conservation's (DEC) Technical Assistance. DEC employs three additional RMWs and an RMW Program Coordinator located in the Anchorage DEC office.
- In FFY25, the RMW Program was funded by two 25/75 state/federal matching grants; the Environmental Protection Agency contributed $2,845,937, and the US Department of Agriculture, Rural Development provided $280,000. The State of Alaska contributed $1,041,979 in matching funds, for a total of $4,167,916.
- In FFY25, 16 plus one part-time RMWs accomplished the following:
  - Provided over 2351 hours of hands-on training and technical assistance to 120 communities.
  - Completed 220 routine village trips to 116 communities.
  - Completed 40 emergency trips.
  - Fielded 7,002 phone calls from communities requesting assistance.
- Eighty-one RMW-supported communities had properly certified primary operators at the close of FFY25, and 43 villages also had backup operators certified at the correct level.
- No communities supported by the RMW Program experienced a catastrophic failure of their water or wastewater system.
- Typhoon Halong occurred during FFY26 and all RMW efforts will be included in the FFY26 Report.

Kwigillingok Water Plant

THE REMOTE MAINTENANCE WORKER PROGRAM

The Remote Maintenance Worker (RMW) Program was initiated in 1981 to provide onsite training and technical assistance to operators of water and wastewater utilities in rural Alaskan communities. State and federal agencies had been expending considerable funds to design and construct safe sanitation facilities in rural Alaska, only to see systems deteriorate or fail due to insufficient local technical skills, lack of preventive maintenance, and improper operation. By employing skilled, knowledgeable RMWs to provide training and assistance to community operators, the RMW Program strives to build local operational capacity and prevent catastrophic failures of utility systems.

The State of Alaska, Environmental Protection Agency (EPA), US Department of Agriculture - Rural Development (USDA-RD), and the Indian Health Service (IHS) have invested over four billion dollars, including funding through the Infrastructure Investment and Jobs Act, in rural Alaskan villages to provide safe drinking water and sanitary sewage disposal.

Since its inception, the RMW Program has worked diligently to protect this investment. Today, the program includes 13 full-time plus one half-time RMWs employed by six regional health corporations, which provide RMW service through grants administered by the State, and three additional RMWs are employed directly by the Alaska Department of Environmental Conservation (DEC). The total number of RMW field positions statewide is sixteen full-time and one half-time, serving 190 communities throughout the State.

The Mission of the RMW Program is: *To develop the capacity of rural Alaskans to operate and maintain their local sanitation facilities in a manner that protects the health of rural residents and the village environment, while safeguarding state, federal, and community investments in water and sewer infrastructure.*

In support of this mission, RMWs offer relevant on-the-job and classroom training; provide routine onsite preventive maintenance assistance to local operators to ensure that sanitation facilities and system components do not fail prematurely; and respond to water and sewer emergencies to maintain service and prevent catastrophic infrastructure failures. Further, RMWs promote the importance of the utility operator's role in protecting public health in an effort to elevate the status of the position to one deserving merit within the community. In coordination with the Rural Utility Business Advisor Program (RUBA), housed in the Alaska Department of Commerce, Community, and Economic Development (DCCED), RMWs strive to bring operators, administrators, and community leaders together to address the overall capacity of the utilities including technical, managerial, and financial aspects.

FEDERAL FISCAL YEAR 2025 ACCOMPLISHMENTS

The RMW Program is funded by grants from the EPA and USDA-RD, each of which requires a 25% State match. As a whole, the program received $4,167,916 in Federal Fiscal Year 2025 (FFY25); $2,845,937 in EPA funds, $280,000 in USDA-RD funds, and $1,041,979 in State matching funds.

A total of $2,827,207 in RMW grants were awarded to the following regional non-profit health corporations: Aleutian Pribilof Islands Association (APIA), Bristol Bay Area Health Corporation (BBAHC), Maniilaq Association (MA), Norton Sound Health Corporation (NSHC), Tanana Chiefs Conference (TCC), and the Yukon Kuskokwim Health Corporation (YKHC). Additionally, the State continued to provide RMW service to the Kodiak Islands, Kenai Peninsula area, Southcentral, and Southeast Alaska.

A historical perspective of RMW grant funding to regional non-profit health corporations is presented in Appendix A.

Reporting Period

The outcomes in this report will present data for FFY25, ending September 30, 2025.

Technical Assistance Outputs

RMW sub-grants require RMWs to provide a basic level of service that emphasizes routine training trips, preventive maintenance, emergency response, and other capacity building technical assistance activities. Grant requirements aimed at building local capacity include developing, revising, and implementing preventive maintenance plans; providing classroom instruction to village operators to prepare them for certification exams; providing hands-on, on-the-job training; and participating in community-level meetings to improve overall utility management capacity.

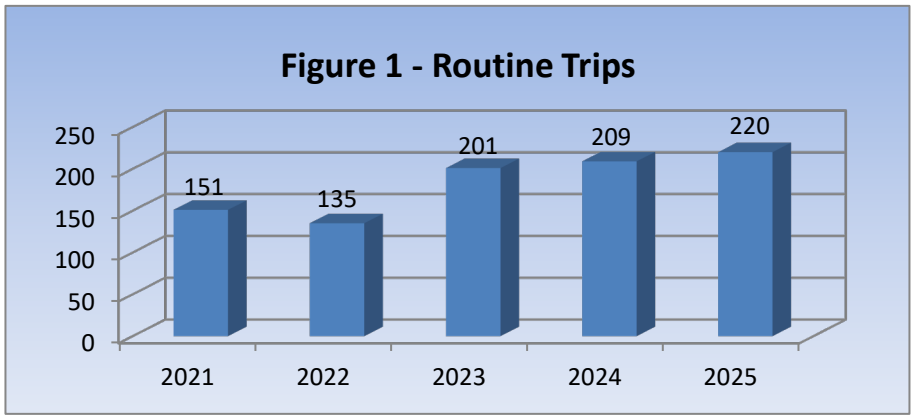
The following measurable outputs related to onsite and technical assistance were completed in FFY25:

Routine Trips

Within each region, RMWs are assigned to provide support to specific communities. The majority of the communities served are considered “primary,” meaning they receive regular and routine RMW assistance. Additionally, each region has a small number of “advisory” communities to which RMWs provide support. Advisory communities generally do not have community water or wastewater systems. Rather, they utilize individual drinking water wells and onsite wastewater systems, and are not considered a Public Water System. Other advisory communities may have the capacity to operate their utilities without regular RMW assistance successfully. RMWs are expected to visit each of their assigned primary communities based on the needs of the community. This allows flexibility for the RMWs to make trips to communities where their services are most needed. Unexpected emergencies, weather delays, and scheduling conflicts are all common obstacles to completing routine trips.

In FFY25, the RMW Program anticipated making 350 routine trips. In total, the RMWs made 220 routine trips during this reporting cycle. The reduced number of trips is attributable to the loss of RMW staff in the DEC, NSHC, and TCC regions.

***All years reflect Federal Fiscal Years.**



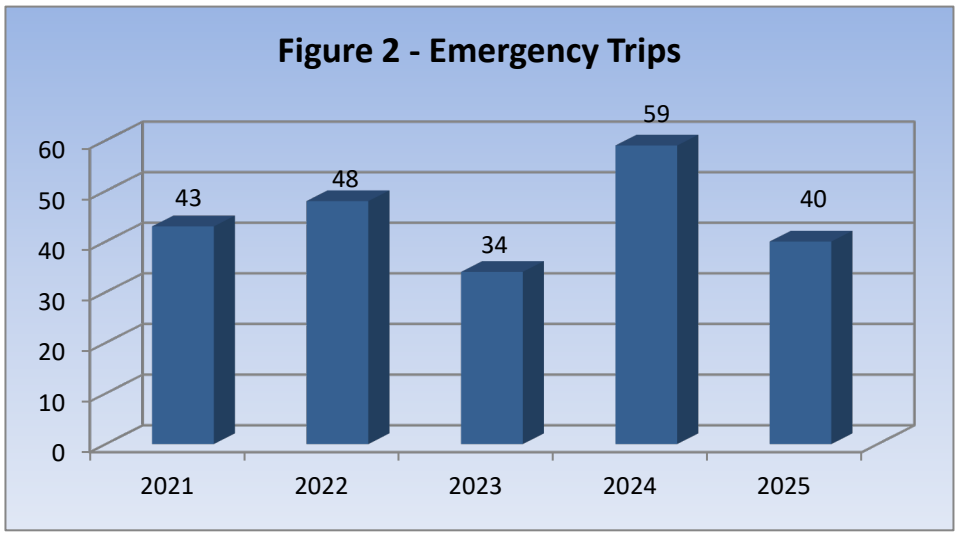
Routine Trips

Projected: 350
Achieved: FFY25 220
5 Year Average: 183

Emergency Trips

Emergency trips are made to address situations that would otherwise result in the failure of some or all of a community's sanitation system. By focusing on proper operations and maintenance, RMWs strive to reduce the need for emergency trips. However, turnover among operators and system managers, as well as high operational costs and a lack of local economic support, often hinder the best RMW efforts. Further, emergencies are often precipitated by extreme natural conditions; common circumstances warranting RMW emergency trips include spring flooding and winter freeze-ups.

It is difficult to project the number of emergency trips required in any given year; however, the five-year average between SFY21 and FFY25 is 45 per year. During this reporting period, RMWs made 40 emergency trips. The decrease in emergency trips is attributable to milder weather throughout the winter of FFY25.



Emergency Trips

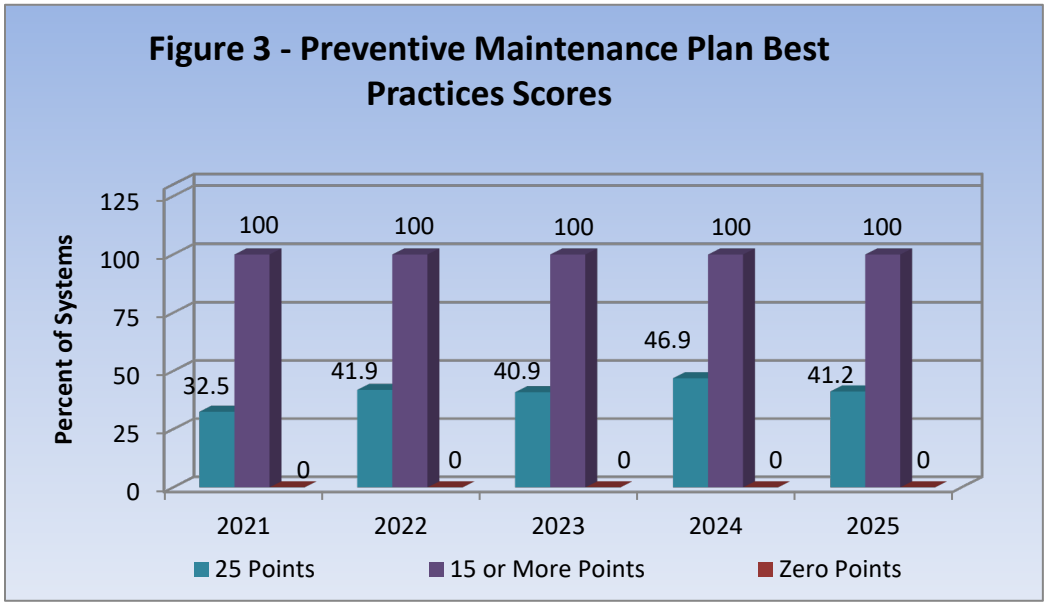
Projected: <50
Necessary: 40
5 Year Average: 45

Preventive Maintenance Plans

Preventive maintenance (PM) plans are critical tools for ensuring proper maintenance of water and wastewater systems. In turn, PM plans help protect public health, improve system reliability, and prolong the lifespan of aging systems. Additionally, PM plans serve as an important management tool for community administrators when determining staffing requirements, as well as actual operation and maintenance costs. Historically, RMWs have assisted operators in developing and revising PM plans, particularly following system modifications.

With the implementation of the Operations and Maintenance Best Practices (Best Practices), RMWs have been tasked with assisting 172 of the 190 communities in the development of adequate and appropriate PM plans, as well as confirming that the required PM is completed. Communities that have a written PM plan, perform PM on schedule, and submit completed records to the RMW quarterly for verification receive 25 Best Practices points. Utilities that have a written PM plan, but PM performance and record keeping are not consistent receive 15 points. Utilities that either have no PM plan, or do not perform PM, receive no points.

During this reporting period, 90% of RMW supported communities were anticipated to achieve PM scores of at least 15, with 10% anticipated to achieve scores of 25. At the end of the reporting period, 172 of 172 communities (100%) scored 15 PM points or more and 71 (41.2%) scored 25 points. No communities received zero points.



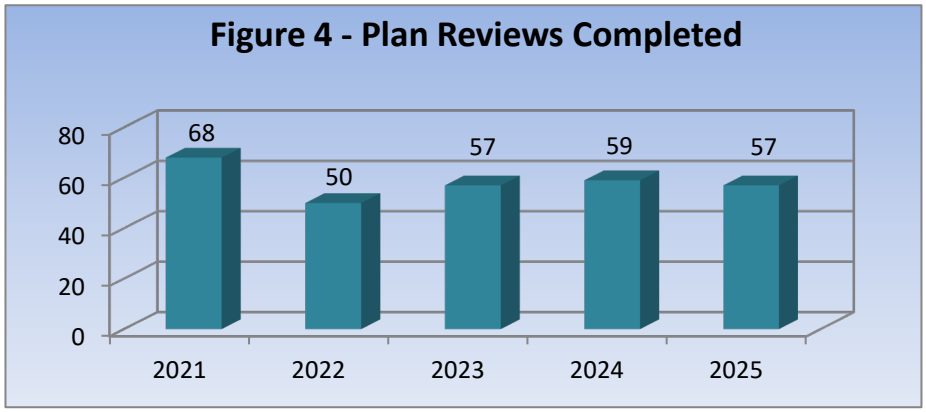
PM Plans

Projected:
90% score of 15+
Achieved:
100% scored 15+
Projected:
10% score 25
Achieved:
41.2% scored 25

Plan Review

RMWs offer a unique perspective to the plan review process for utility system construction projects, combining their understanding of the communities and their hands-on experience with water and wastewater treatment in rural Alaska. Whenever possible, RMWs participate in plan reviews, primarily providing comments from the operations and maintenance perspective.

The RMW Program anticipated participating in 50 plan reviews but completed 57.



Plan Reviews

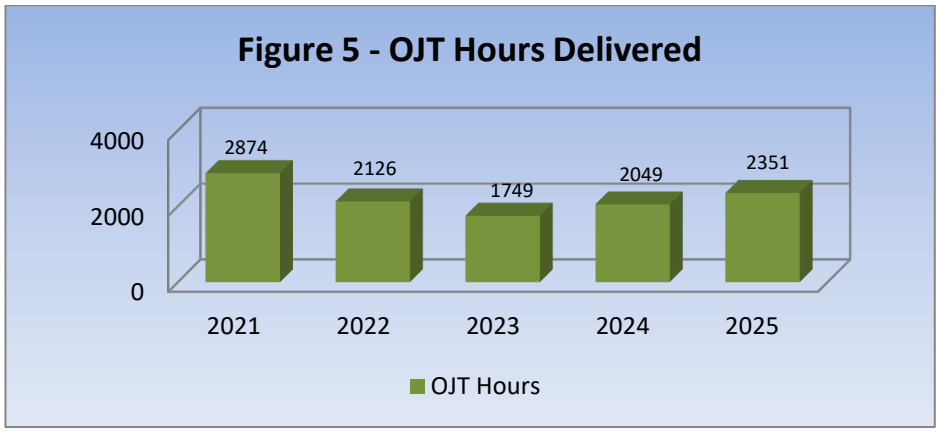
Projected: 50
Achieved: 57
5 Year Average: 58

Operator Training and Certification Outputs

Grantees are obligated to work directly with local operators and utility managers to address operator certification requirements. The following are measurable outputs completed by the RMWs during FFY25 related to operator training and certification:

On-the-Job Training (OJT)

During both routine and emergency visits, RMWs work directly with operators to impart the knowledge necessary for the proper operation and maintenance of their utilities. This one-on-one guidance, delivered in the operator's own plant, is one of the most valuable aspects of the RMW Program. The RMW Program projected to deliver 2,500 hours of OJT to operators. Due to RMW turnover, the RMWs administered a total of 2,351 hours of OJT during the reporting period.



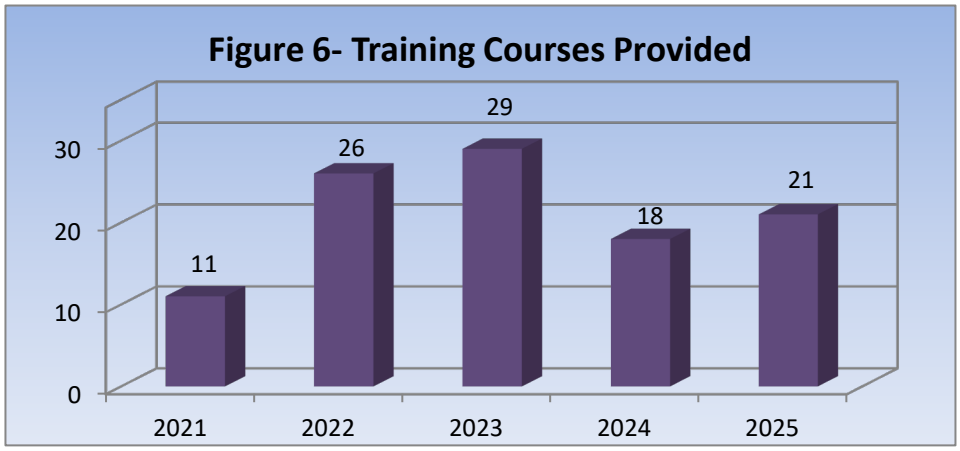
OJT Hours

Projected: 2,500
Achieved: 2,351
5 Year Average: 2,230

Training Courses

RMWs are required to coordinate and deliver entry-level training courses within their region to help operators prepare for taking certification exams. The RMWs anticipated providing ten training courses but offered 21 courses. In FFY25, RMW offered the following trainings:

- Small Water Treatment (x2)
- Plumbing and Pipefitting Basics
- Level 1 Water Treatment and Distribution (x5)
- Wastewater Treatment (x2)
- Wastewater Collection
- Boiler Maintenance and Troubleshooting (x2)
- Electrical Controls 1 (x2)
- Electrical Controls 2 (x2)
- Introduction to Small Water Systems (x2)
- Pumps and Pumping Systems (x2)



Trainings

Projected: 10
Achieved: 21
5 Year Average: 21

FFY25 Baseline and Program Outcomes

Building upon the baseline data established at the end of FFY24 (see Appendix B), the FFY25 RMW Grant Work Plan defined anticipated outcomes for the year. End-of-year data for FFY25 was summarized (see Appendix C), and the following is a comparison between the projected and the end-of-year outcomes.

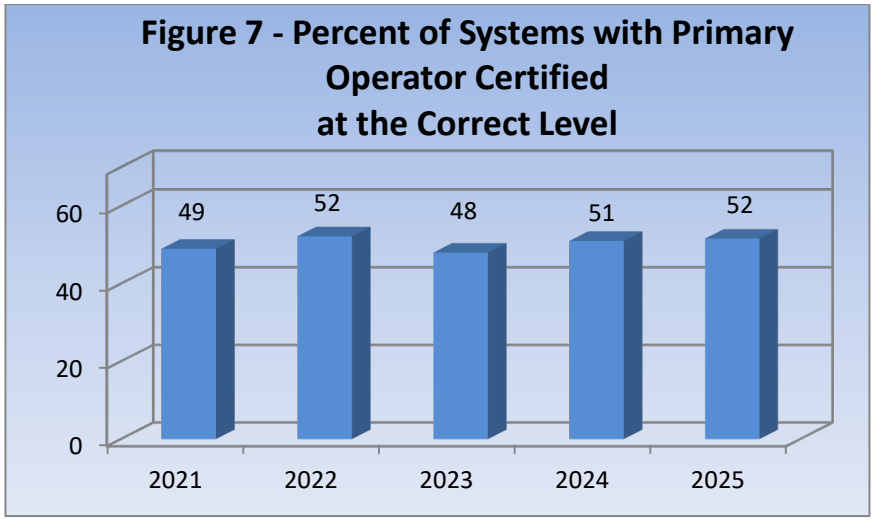
System Failures

The RMW Program experienced no catastrophic system failures in the RMW-supported villages due to operations and maintenance (O&M) deficiencies. The lack of catastrophic system failures was largely the result of operator preventive maintenance training by RMWs, constant communication between the RMWs and operators, and timely response by RMWs when assistance was requested.

Operator Certification

The RMW Program supports 157 systems that are required to have a certified operator. The program aimed to ensure that a minimum of 60% of RMW supported communities had a primary operator certified at the required water treatment level. At the end of the reporting period, 52% of the communities had properly certified primary operators. Eighty-one village systems had

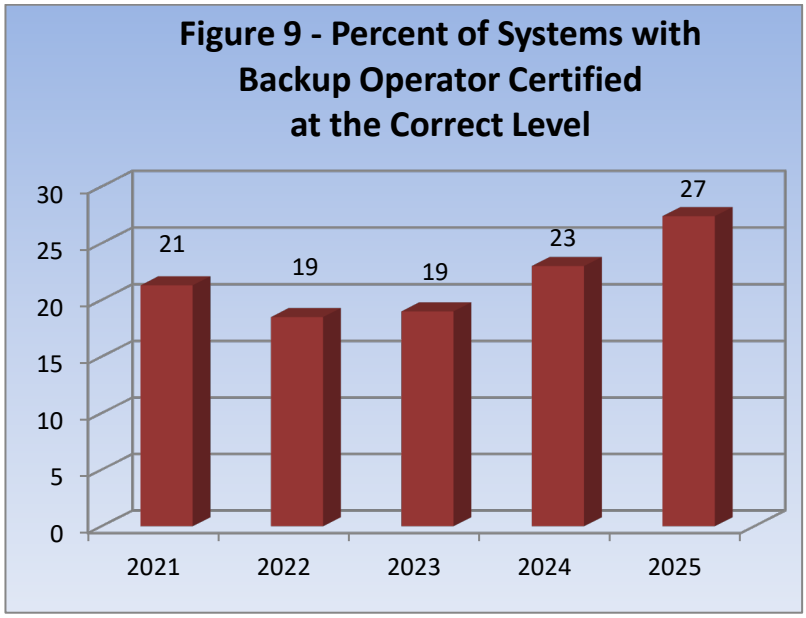
operators certified at the correct level of their plant as of the end of the reporting period; an additional 24 systems have primary operators certified at some level.



Primary Operator Certification

Baseline: 51.0% (80 of 157)
End-of-year Target: 60%
Outcome: 51.6%
(81of 157)

The RMW Program also aimed to ensure that a minimum of 25% of RMW supported communities have a backup operator certified at the required water treatment level. At the end of the reporting period, 43 systems had backup operators certified at the correct level of the plant, and another 23 systems had backup operators certified at some level.



Backup Operator Certification

Baseline: 22.9% (36 of 157)
End-of-year Target: 25.0%
Outcome: 27.4%
(43 of 157)

Operator certification requirements are directly related to the complexity of the water system. Many rural Alaskan communities rely on water sources that require complex treatment and, therefore, an operator with a high level of certification. More than half of the communities served by the RMW Program have water treatment systems that require an operator at a Level 1 or higher. In addition to successfully completing the required certification exams, operators must have some post-secondary education to attain these certification levels. *Figure 13* demonstrates that non-compliance with operator certification requirements increases as system classification increases.

Figure 10 - Primary Operator Certification Levels by Region

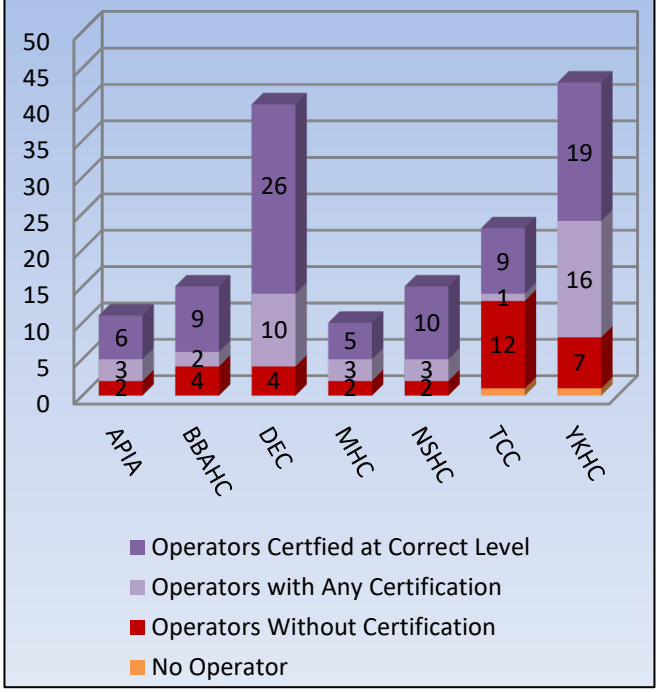


Figure 11 - Backup Operator Certification Levels by Region

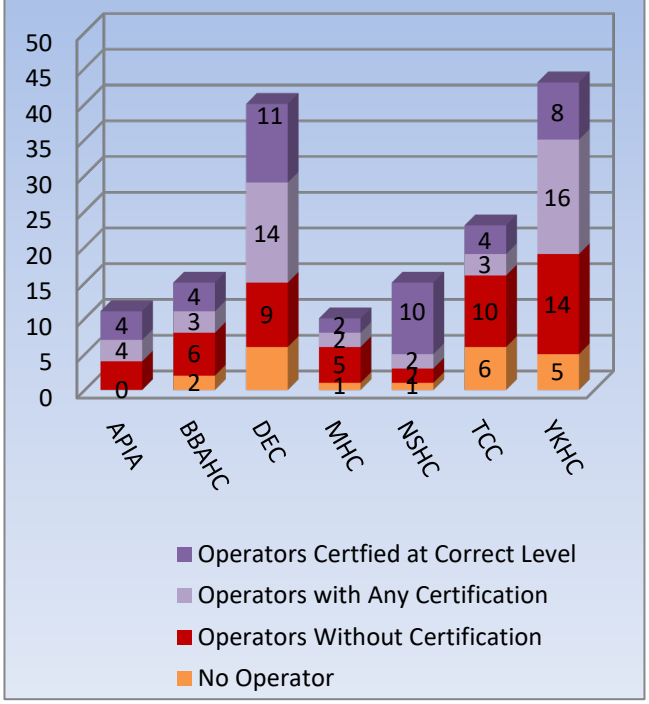


Figure 12 - Operator Certification Levels Statewide

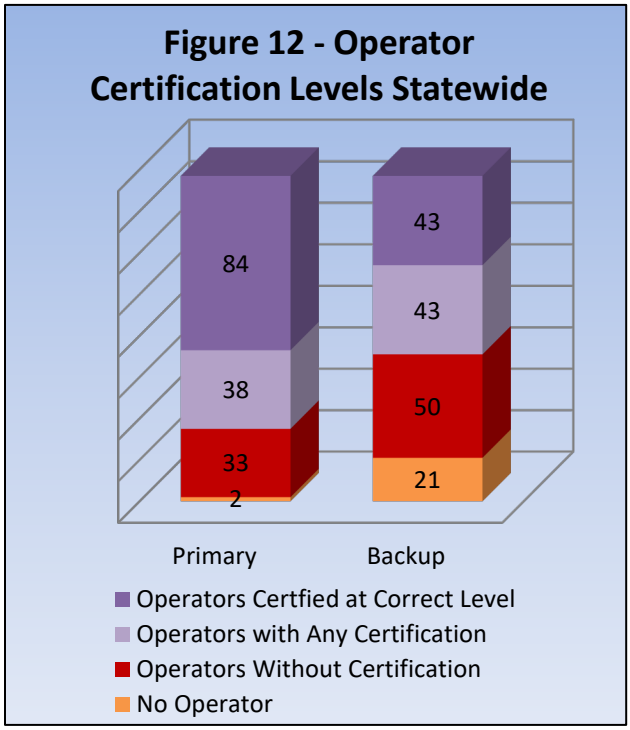
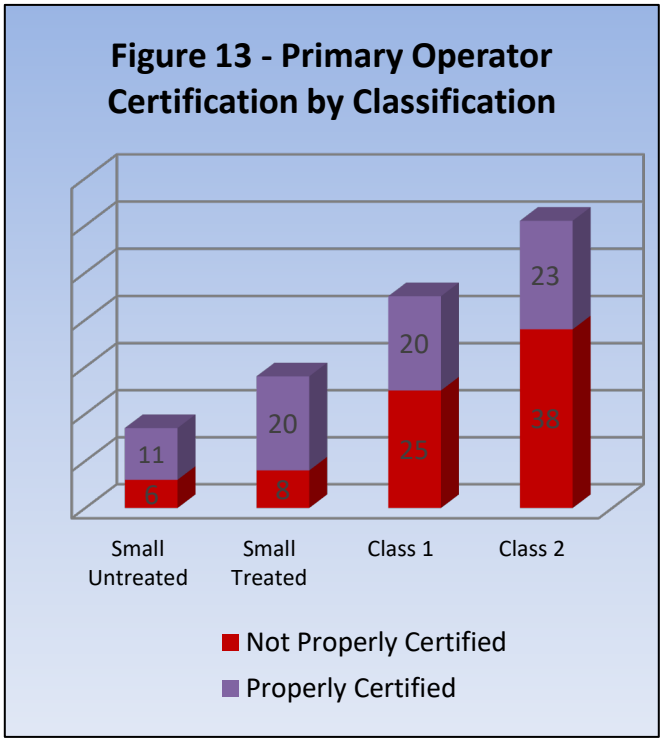
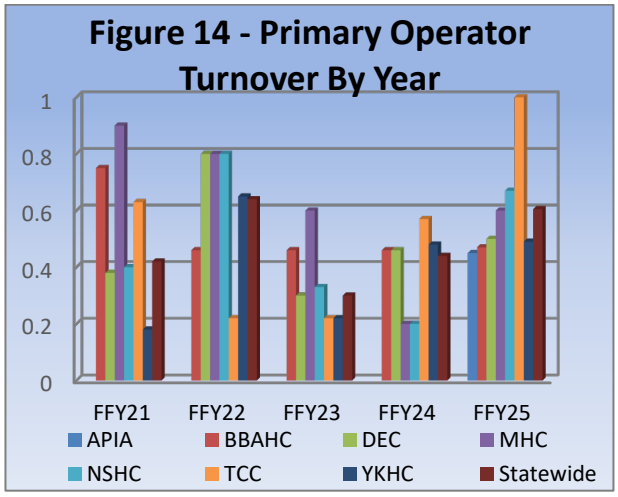
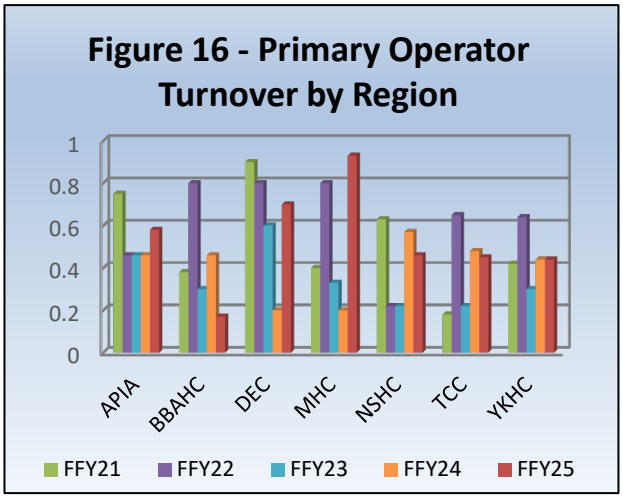


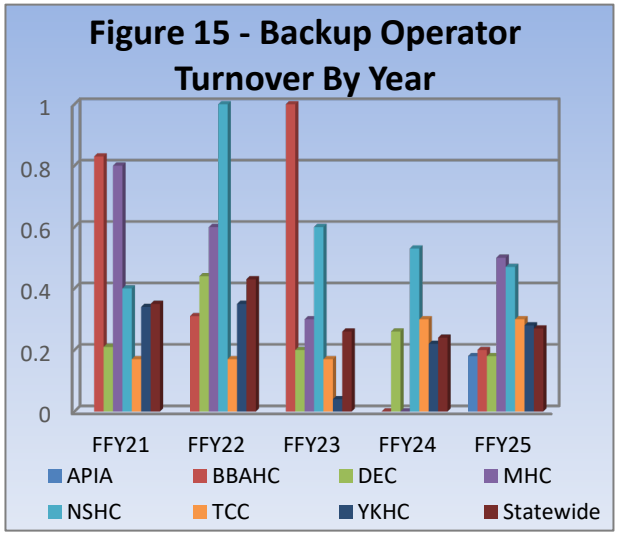
Figure 13 - Primary Operator Certification by Classification

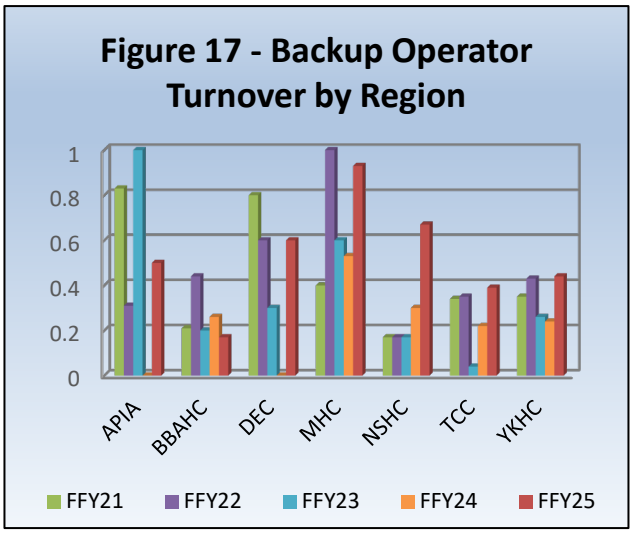


Operator turnover has been, and remains, a significant obstacle to increasing the operational capacity of rural utilities. During FFY25, 61% of RMW supported communities experienced at least one change in primary operator; 27% also experienced a change in backup operator. In many cases, these communities experienced multiple turnovers in both the primary and backup operator positions. Turnover varied across regions, with some experiencing up to 113% turnover among primary operators and 50% among backup operators. Statewide, communities experiencing turnover of primary operators increased from 44% in FFY24 to 61% in FFY25; turnover of backup operators also increased from 24% to 27%.







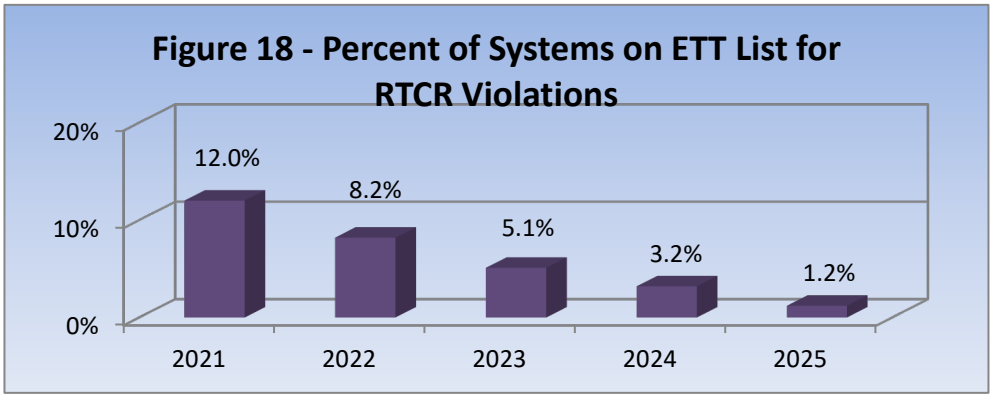


For certificates that expired on December 31, 2024, fourteen primary drinking water operators from RMW-supported communities lost their certifications due to a lack of required Continuing Education Units (CEUs). In these cases, both the RMWs and the Operator Certification and Training Program contacted the operators to encourage them to take appropriate measures to retain certification. Other factors affecting operator certification are beyond the RMW Program's control.

Compliance

Remote Maintenance Workers spend considerable time working directly with operators to ensure they possess the knowledge and skills to operate and maintain their systems safely. In addition, RMWs dedicate significant time and effort to assisting water system personnel, from operators to administrators, in meeting regulatory monitoring and reporting requirements.

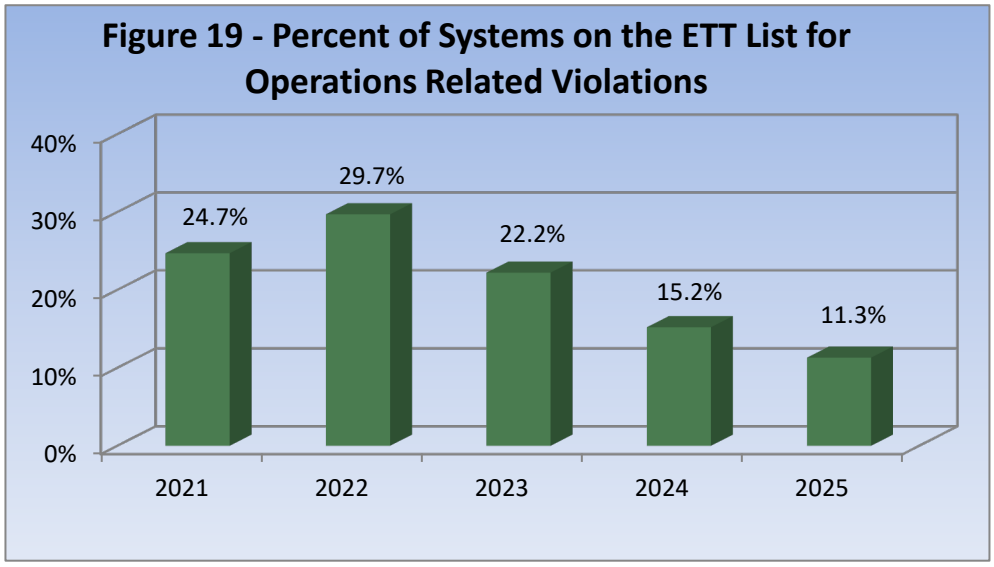
The RMW Program projected that less than one percent (1%) of RMW-supported villages would be on the Enforcement Targeting Tool (ETT) list for violation of the Revised Total Coliform Rule (RTCR) at the end of FFY25. At the close of the fiscal year, only Nanwalek and Grayling were on the ETT List for failure to monitor and report as required by the RTCR. This represents 1.2% of RMW served communities.



TCR ETTs

Baseline: 3.2%
(5 of 157)
End-of-year Target:
< 1%
Outcome: 1.2%
(2 of 157)

The RMW Program projected that less than ten percent (10%) of RMW-supported villages would be on the ETT list for any operation-related violations not related to the RTCR. Nineteen systems, or 11% of RMW-supported systems, were on the ETT List for violations, including failure to conduct quarterly or annual chemical monitoring, maintain adequate chlorine residual, or report daily chlorine and turbidity monitoring results. The reported communities included Alakanuk, Allakaket, Angoon, Chignik Bay, Diomede, Emmonak, Grayling, Hughes, Kwethluk, Manokotak, Mountain Village, Nanwalek, Platinum, Ruby, Saint George, Saint Mary's, Scammon Bay. Selawik and Wales.



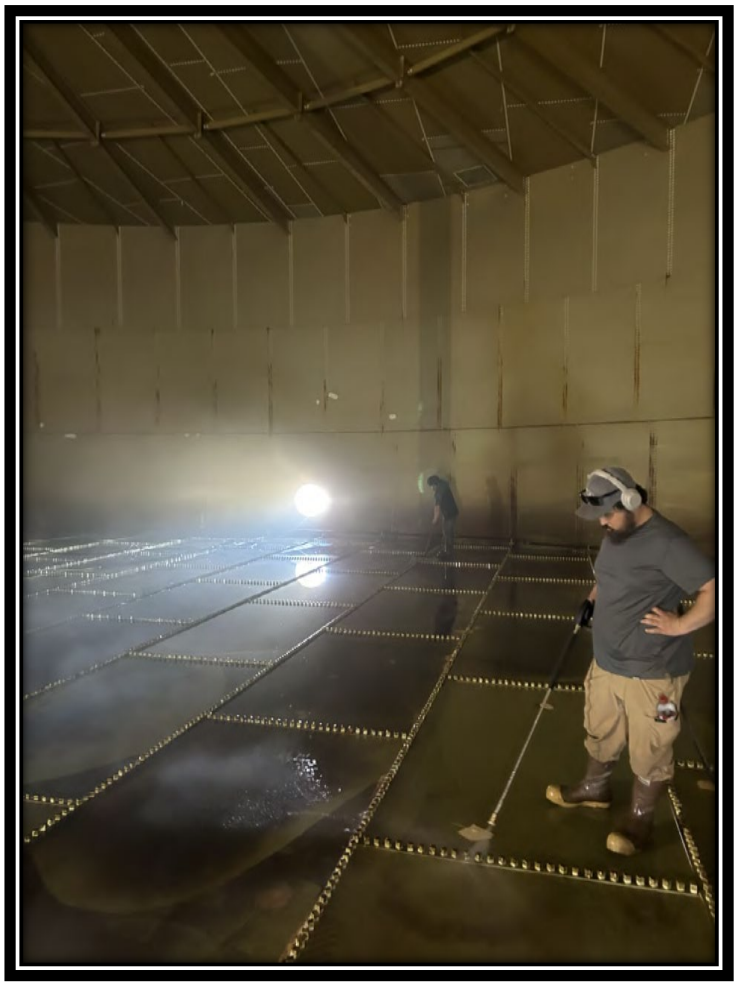
Operation-Related ETTs

Baseline: 15.2%
(24 of 157)
End-of-year Target:
< 10%
Outcome: 11.3%
(19 of 157)

Many of the factors that influence a community's ability to deliver water and wastewater services in rural Alaska fall outside the control of the RMW Program. These external challenges often make it difficult to measure progress in a traditional way. In many cases, simply maintaining the advances made since the program's inception—or even from year to year—represents a meaningful success.

Frequent turnover among community leaders and operators, strained economic conditions in many rural communities, competing village governance structures, institutional limitations, and broader socioeconomic pressures can all create significant barriers. Additionally, evolving regulatory requirements are pushing many sanitation systems to become increasingly complex, which can widen the technical capacity gap for local operators. Rising energy costs further strain local budgets, reducing the resources available for proper operations and maintenance.

Despite these obstacles, the RMW Program has set goals that are both realistic and appropriately ambitious. While not all targets were met in FFY25, there was no significant deterioration in prior progress. Given the challenging operating environment, these results should be viewed as a success.



NSHC RMW Shyler Johnson assisting with cleaning the Golovin water tank

FEDERAL FISCAL YEAR 2025 PROGRAM HIGHLIGHTS

RMW Staffing Changes

In October 2024, APIA filled its vacant RMW position by hiring John Rukovishnikoff. Unfortunately, in March 2025, Mr. Rukovishnikoff submitted his resignation. Recruitment to fill the position is ongoing.

Tyke Olsen was hired to fill the second BBAHC RMW position in April 2024. However, in October 2024, he resigned. In February 2025, Jeff Fonkert was hired to fill the vacant position.

In September 2024, DEC RMW Spencer Singleton notified the program of his resignation. Additionally, in October 2024 RMW Matthew Russell submitted his resignation letter. Both had taken positions with the Anchorage Water and Wastewater Utility. In December 2024, one of the vacant positions was filled by Cullen Richmond. Then, after ten months of recruitment efforts, Ryan Johnson filled the second vacant position in August 2025.

In September 2024, RMW Lee Meckel departed from the TCC RMW program. Noah Tsigonis served as program manager until July 2025, when RMW Duane Burnham was promoted to the RMW Supervisor for the TCC RMW program.

In May 2025, BBAHC RMW supervisor George Larsen announced his retirement. Melany Stumpner was hired to fill the position.

NSHC RMW Monti Tarawneh assisting with cleaning the Savoonga water storage tank

Program Activity

From October 2024 to September 2025, the RMW Program participated in agency coordination meetings for five RMW regions of the state (BBAHC, Maniilaq, NSHC, TCC, YKHC). The meetings were conducted in a hybrid format, allowing participants to attend in person or virtually. They provided an opportunity to coordinate with agencies serving rural Alaskan communities on sanitation-related issues. Other agencies participating in the meetings included regional tribal health corporation sanitarians; RUBA; the DEC Drinking Water, Wastewater, and Solid Waste Programs; and Village Safe Water (VSW) and Alaska Native Tribal Health Consortium (ANTHC) engineers and other related program staff. During the meetings, RMWs described the status of each rural community system, received input from other programs and agencies on community-specific issues, updated classifications and operator information, and discussed options available to communities to achieve compliance.

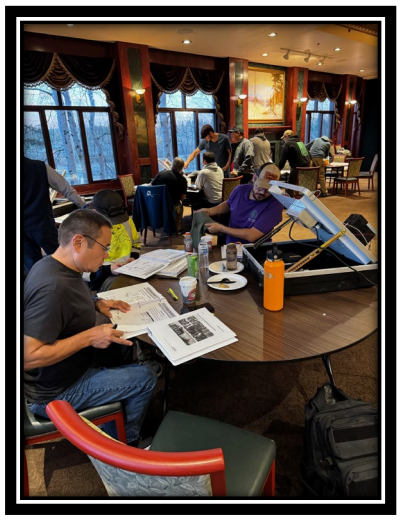
Following the Maniilaq, NSHC, and YKHC meetings, RMW staff, along with staff from the State's Capacity Development, Operator Certification, and the Rural Utility Business Advisory Programs, traveled to a rural community to meet with the community's operator and local government staff and discuss the needs of the community's sanitation utility.

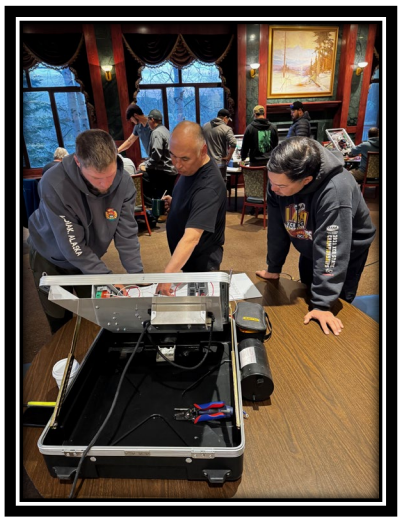
Michael White (RUBA), Nick Sanders (YKHC RMW), Fred Broerman (RUBA Supervisor), Ron Crompton (DEC Operator Certification), Tammy Helms (DEC RMW Manager), in Atmautluk

Theo Graber (RUBA), Lena Mathlaw (RUBA), Brandi Adams (DEC), Monti Tarawneh (NSHC RMW) and Tammy Helms (DEC RMW Manager), in Gambell

Matt Hall (DEC), Brandi Adams (DEC), Tammy Helms (DEC RMW Manager), Bruce Nelson (Maniilaq RMW), Fatima Ochante (DEC), Randy Walker (ARUC), Chris Cox (Maniilaq RMW Manager), in Kivalina

On October 1-4, 2024, the RMW Program held its Annual RMW Meeting and Training in Fairbanks. The meeting agenda included presentations from the Operator Certification and Capacity Development teams. A discussion on the new System Specific Drinking Water Certification Program, an RMW Program grant overview, and a discussion of incident reporting at the meeting. Additionally, all RMWs and RMW supervisors participated in the training for Programmable Logic Controllers (PLCs) to control Variable Frequency Drives (VFDs) for electric motors. The training received overwhelmingly positive reviews.





To support rural Alaskan communities and their sanitation utilities, the RMW program partnered with the Capacity Development and Operator Certification Programs and the Drinking Water, Wastewater, and RUBA Programs to create a 2025 Monthly Calendar as a helpful resource. This calendar includes important dates and reminders for water plant operators, clerks, and bookkeeping staff. It also provides reference pages with important contact information and descriptions of key programs that support Alaska's public water systems. The calendar was published in November 2024, and two copies were mailed to rural communities - one for office staff and one for water plant staff.

As highlighted in the Mid-Year Report, the RMW Program continued issuing Weekly Winter Issues Reports throughout the FFY25 winter season. These reports summarize weather-related challenges faced by rural communities and outline how RMWs are assisting with response and resolution efforts. The reports are distributed to more than 100 recipients, including the DEC Commissioners' Office, DEC Division Directors, RMW supervisors, VSW, ANTHC engineers, legislators, the Governor's Office, the State Division of Homeland Security and Emergency Management, and other technical assistance partners. This regular communication has significantly strengthened coordination and awareness across agencies. In May 2025, increased visibility of RMW activities through the Winter Issues Reports led to formal recognition from the DEC Division of Water Director, Gene McCabe. In an email to the RMW Program Manager, he wrote, "A huge thanks to you and the entire team for keeping this report updated and distributed AND responding to keep the systems running all winter long!"

Additionally, Drinking Water Program Manager Cindy Christian shared her appreciation with all report recipients, stating, "Thanks for continuing to provide these reports; they have been very helpful! What a fantastic job the RMWs continue to do! They are amazing!"

On January 16, 2025, Tammy Helms, RMW Program Manager, and Brandi Adams, Operator Certification and Training Program Manager, delivered a joint presentation at the Water Professionals International (WPI) conference. WPI provides standardized exams and certifications for water and wastewater treatment operators, and DEC relies on these exams to ensure operators meet the required competency standards for their roles in the state. Their presentation focused on the unique operational, environmental, and logistical challenges faced by water and wastewater operators in Alaska—many of whom work in remote communities accessible only by air or boat and under extreme weather conditions.

Tammy and Brandi highlighted the innovative tools, training strategies, and hands-on technical assistance the RMW Program provides to support operators in nearly 200 rural communities. They discussed how the program strengthens local capacity, improves system reliability, and helps communities address recurring issues such as freeze-ups, staffing shortages, aging infrastructure, and financial constraints.

The presentation also emphasized the importance of collaboration among state agencies, tribal organizations, and local operators in maintaining safe and reliable water and wastewater services. Participants expressed strong engagement, asking numerous questions and sharing their appreciation for the RMW Program's work. The session offered an excellent opportunity to raise national awareness of the critical efforts underway in Alaska's rural communities and to highlight the dedication of the operators who keep these essential systems running.

Tammy Helms (DEC RMW Program Manager) and Brandi Adams (DEC Operator Certification Program Manager) presenting at WPI

As a result of the presentation, the WPI Board of Directors met in Alaska in August 2025 and traveled to Bethel and Kwethluk to visit rural communities and meet with local operators. The visit provided the Board with critical insight into Alaska's unique operator certification challenges, directly benefiting the RMW program and the systems and operators it supports. Beyond the formal discussions, the trip offered a rare opportunity to experience firsthand the resilience, ingenuity, and spirit that define rural Alaskan communities. WPI stated, "These visits were both grounding and inspiring, reinforcing the importance and impact of WPI's work."

Successes

Aleutian Pribilof Islands Association (APIA)

The DEC RMW program served the Aleutian region from FFY15 through FFY24 following APIA's opt-out of the RMW program in FFY15. In March 2025, APIA submitted a RMW grant application to once again provide service for the region beginning in FFY25. The APIA RMW now serves nine primary and three advisory communities in the Aleutian region.

In October 2024, the APIA RMW traveled to the community of Sand Point to troubleshoot a recurring turbidity issue with the water operator that would have resulted in a boil water notice without his support and intervention.

In January 2025, the APIA RMW traveled to Saint Paul to assist the local operator with locating a significant leak in the water distribution system. Working together, they used leak-detection methods to pinpoint the source, excavated the affected section of line, and prepared it for repair. Their timely response helped minimize water loss and supported the community in restoring the system to full functionality.

Additionally, in the community of False Pass, the APIA RMW confirmed with the community the threat assessment of erosion above the community's drinking water source, delaying costly emergency action, reassuring the water operator, community leadership, and State partners that the situation was being properly monitored and responded to.

St. Paul 2025

Bristol Bay Area Health Corporation (BBAHC)

Beginning in FFY24, BBAHC made an active effort to increase routine contact and communication with water and wastewater utility operators in the region and improve the documentation of that routine work. In FFY25, BBAHC RMWs continued to maintain active conversations with the systems and operators. Documented phone consultations rose from a total of 681 contacts in FFY24 to 868 in FY25. The Preventive Maintenance Plan compliance rates remained steady. BBAHC's ongoing efforts have significantly improved the routine operation and maintenance of many of the region's systems and reduced the need for emergency travel.

In November 2025, due to multiple routine total coliform-positive samples from Manokotak's lower village water system, RMWs assisted the operators in planning and executing disinfection of the water system. In a later trip, RMWs assisted the operators in correcting multiple outstanding sanitary survey deficiencies in both the Manokotak and Manokotak Heights water systems.

Additionally, throughout FFY25, BBAHC assisted with correcting ongoing and outstanding significant deficiencies in the Chignik Lake, and Clark's Point water systems.

BBAHC RMWs assisting with well chlorination in Manokotak

RMW Small, assisting with cleaning the tank in Koliganek

Alaska Department of Environmental Conservation (DEC)

In May 2005, the community of Ouzinkie contacted the DEC RMW Program to report an inoperable lift station. An RMW traveled to the site and restored service by wiring the one working lift pump to the functioning VFD, preventing a sewer overflow and avoiding continuous vacuum truck operations.

In June 2025, the Klawock operator requested DEC RMW assistance in cleaning the community's water storage tank. During the process, the RMW sealed several leaks in the tank. Additionally, he assisted in installing a Pax mixer. The repairs and changes made with RMW assistance significantly improved operating and water quality, prompting the operator to adjust the water treatment process. Disinfection byproducts levels in the distribution system have declined significantly due to reduced chemical use.

DEC RMW Tanner Cote assisting the Klawock operator in cleaning the water storage tank

In FFY25, the DEC RMW Program partnered with the DEC Capacity Development Program to establish a Cooperative Training Facility. This facility includes a pilot water treatment plant and classroom space. The space provides a collaborative environment for technical assistance providers to deliver and host training. During this reporting period, four distinct training courses were held in the facility.

SFY25 trainings hosted at the new Training Facility:

- Water Treatment 1, Water Treatment 2, and Water Distribution trainings co-hosted with the Alaska Rural Water Association, held January 20–24, 2025.
- Advanced Electrical Training, held on April 16 –18, 2025.

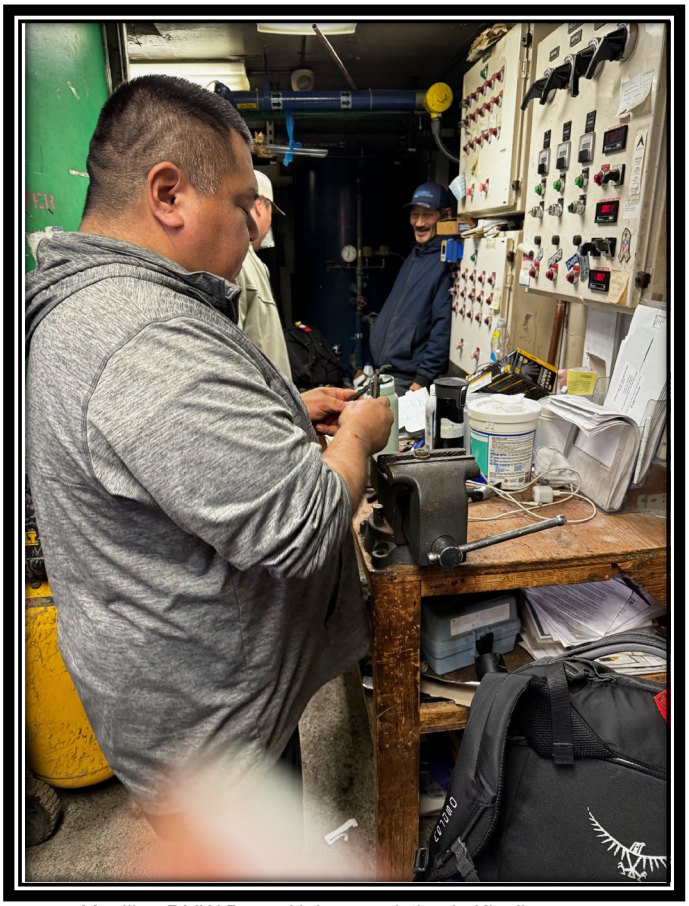
Water Treatment Training in the new training facility

Maniilaq Association

Due to the RMW program and the Community Utility Assistance Program (CUAP), which is a partnership between the Northwest Arctic Borough, ANTHC, and the Maniilaq Association, the Maniilaq region continues to remain stable. This program helps residents with water, sewer, and heating costs and has reduced most residential customers' water and sewer utility rates by about two-thirds. It also reduces the number of water/sewer emergencies by providing training and support for operators and administrators.

Over the last five years, the complex PLC panel in Ambler, which controls all aspects of the water treatment plant, has experienced numerous issues, resulting in pressure and transmission line problems in the water distribution system. The Maniilaq RMW program, in coordination with the Alaska Rural Utility Collaborative (ARUC), helped Ambler install new pressure switches and pressure controls that isolated those controls from the complex PLC panel. This success brought improved water distribution pressure, resulting in fewer pressure outages that previously occurred only during the critical winter months.

In Kiana, a combination of power outages, remote monitoring failures and operator error culminated in the raw water transmission line freezing in December of 2024. As a result of this freeze-up, the community distribution system also froze, triggering a domino effect that led to a complete freeze-up of the entire community system. The Maniilaq RMW program assisted the community in thawing the raw water transmission line, thereby restoring potable water and preventing catastrophic failure.



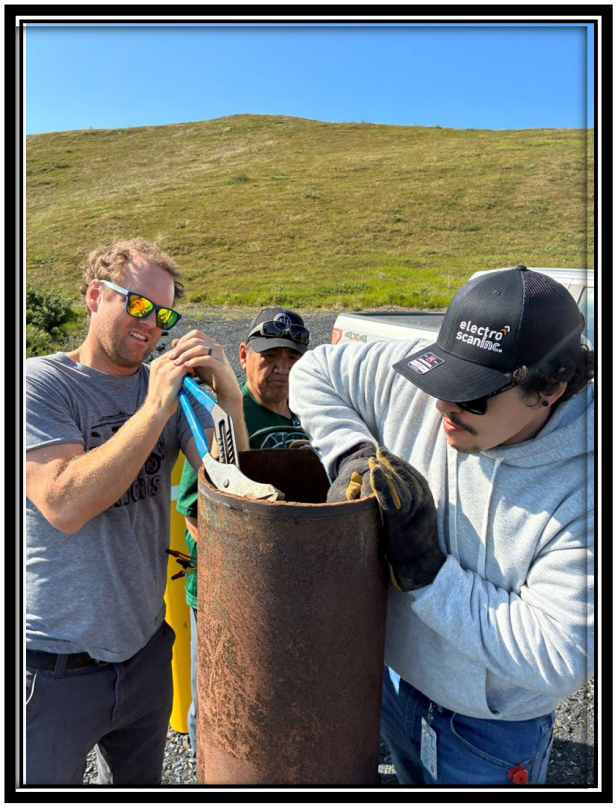
Maniilaq RMW Bruce Nelson assisting in Kivalina

Norton Sound Health Corporation (NSHC)

In FFY25, the NSHC RMW Program placed significant emphasis on investing in asset management and remote monitoring technologies, thereby expanding its ability to collect precise system data and act proactively to prevent failures. Despite ongoing challenges such as electrical hazards, septic system backups, and supply chain delays, NSHC's RMW team's proactive approach has minimized service interruptions and safeguarded public health.

The NSHC RMWs partnership with the tribal CUAP remains vital. Together, they made significant headway in updating preventative maintenance plans, improving compliance with DEC sampling requirements, and supporting infrastructure upgrades in multiple villages. These joint efforts continue to enhance operational efficiencies and promote sustainable community utility management.

During FFY25, the NSHC RMW team provided comprehensive onsite training and technical assistance. They conducted 25 targeted onsite training and technical assistance visits tailored to the unique needs of each community. These sessions enhanced operator skills in preventive maintenance, emergency troubleshooting, and system operations, helping build long-term local capacity and improve water and wastewater system reliability.



NSHC RMW Monti Tarawneh assisting in Teller

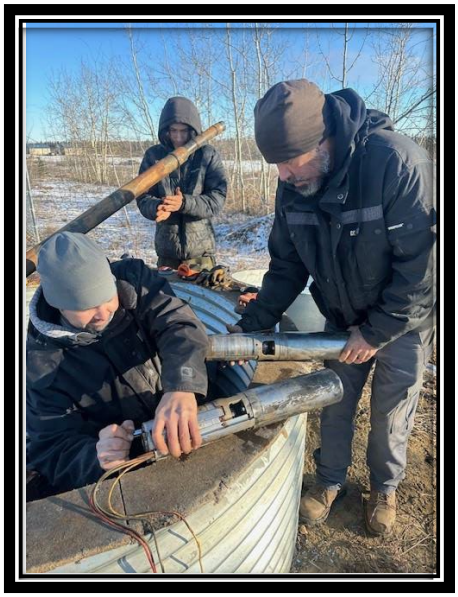
NSHC RMW Shyler Johnson conducting a training in Unalakleet

Tanana Chiefs Conference (TCC)

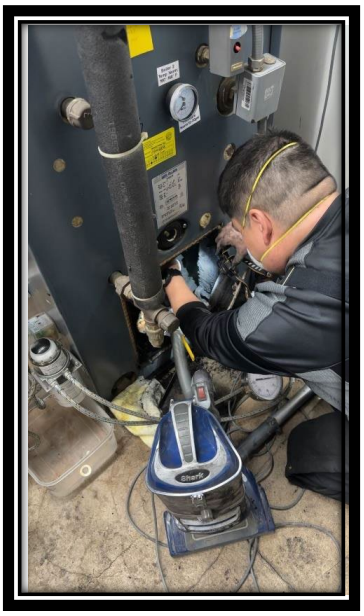
Although the TCC RMW experienced some turnover in SFY25, they strived for better communication with all the tribes and cities in the region, keeping everyone involved up-to-date with the needs of each community.

In November 2024, the TCC RMW program received a call from the community of Chalkyitsik reporting no water entering the water treatment plant. An RMW was deployed, and upon arrival, he noted that the heat tapes were wired incorrectly and the circulation loops were improperly installed. While onsite, the RMW was able to get the heat tapes wired in and reinstall the parts correctly for the circulation loops, keeping the system operational.

In May 2025, TCC RMWs received a call from the community of Nulato regarding low pressure in the community's distribution system, causing the water storage level to drop. An RMW traveled to the community to investigate the issue and found that the heat tape had gotten so hot it melted the line, which caused the leak. The RMW assisted in shutting down the line, installing a new piece of High-Density Polyethylene (HDPE) pipe, and restoring service to the community.



TCC RMW Duane Burnham training an operator in wiring a new well pump



TCC RMW Romeo Stickman assisting with boiler cleaning in Chalkyitsik

TCC RMW Scot Deminentieff assisting in well repairs in Circle

Yukon Kuskokwim Health Corporation (YKHC)

In FFY 2025, the YKHC RMW Program made progress in implementing the ETT strategy by helping communities set up testing with a certified lab and encouraging them to enroll in an auto-ship program with the lab. The YKHC RMWs also helped coordinate water sample cooler transfers at hub communities to streamline shipping. They hope to continue to see improvement through these efforts to remove communities from the ETT list.

During this reporting period, YKHC RMWs responded to several critical situations.

In October 2024, YKHC RMW Bruce Werba spent countless hours troubleshooting and resolving issues with the Shageluk water system. He worked with engineers to make functional improvements to the system. Without his expertise and attention to detail, several critical deficiencies would have gone unnoticed, potentially leading to major system failures.

On Christmas Day 2024, YKHC RMW Allan Paukan responded to an emergency, traveling to Pitka's Point to assist the operator. He helped diagnose and manually bypass a faulty valve, preventing the well system from freezing in extreme conditions.

In December 2024, YKHC RMW Willie Kamuck flew to Hooper Bay to make urgent repairs to the glycol circulation loops, ensuring that water and sewer services continued to operate smoothly in the village and helping restore service after a power outage at the well house. He installed new circulation pumps and zone valves to prevent future freeze-ups this winter. While in Hooper Bay, RMW Kamuck also repaired a water leak in one of the circulation loops. During this time, he also provided phone support to the villages of Chefornak for a frozen water line and Toksook Bay for a frozen well. His ability to multitask and respond quickly to communities helped keep water systems operational across multiple locations.

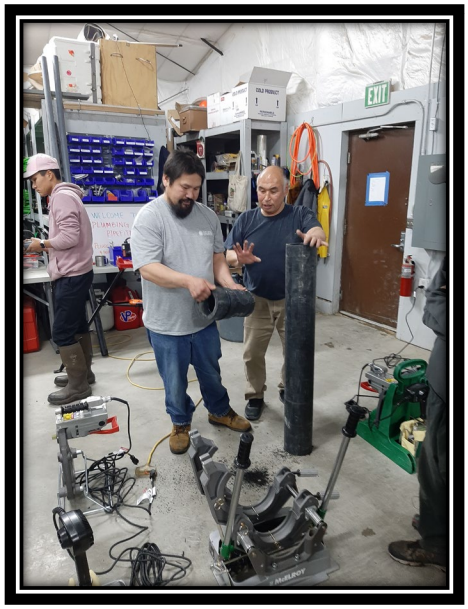
In February 2025, RMW Paukan responded to a call for help in Russian Mission. Initially, he remotely troubleshooted the malfunctioning well pump and restored the raw water source before arriving on-site. Once he arrived in Russian Mission, he worked quickly to help the local operators restore water to the system and bring the water distribution loops back online. His quick action prevented a catastrophic system failure that would have taken months to recover from.

In March 2025, YKHC RMW Nick Sanders was remotely monitoring the Kwethluk water system and identified a heat failure. Recognizing the potential for a catastrophic failure, he immediately contacted the operators on a Sunday and guided them through how to address the issue before it escalated. The following day, he flew to the community to assist them with installing a new winter intake line. This was an upgraded version he helped design and build to prevent future freeze-ups, which were a recurring issue with the previous intake system. While RMW Sanders was in Kwethluk, he provided remote assistance to prevent a freeze-up at Nunapitchuk's water system. He not only ensured that the plant didn't freeze but also coordinated with engineers and contractors to address issues with newly installed components, ultimately preventing a water outage in Nunapitchuk.

Additionally, during 2025, YKHC RMWs participated in virtual water and sewer project planning throughout the Yukon Kuskokwim Delta. Each RMW provided technical assistance during all phases of construction projects. Examples of involvement included design reviews, blueprint comments, construction plan reviews, village council meetings, and attendance at final inspections.

RMW Allan Paukan decommissioning the Newtok water plant

RMW Bob White in Napakiak



RMW Allen Paukan assisting with a training class

RMWs Nick Sanders and Willie Kamuck in a training class

A LOOK FORWARD AT FEDERAL FISCAL YEAR 2026

The RMW Program will continue its commitment to improving efficiency and effectiveness while fostering partnerships with organizations that support rural Alaskan communities, including VSW, RUBA, Operator Certification, and ANTHC. The program remains dedicated to identifying innovative methods to assist communities and enhance local capacity.

The RMW Program will also prioritize communication and collaboration by sharing updates on freeze-ups, recoveries, and other utility and public health issues with engineers and agencies supporting rural Alaska community water systems.

Appendix A

RMW Grant Funding History

RMW GRANT FUNDING HISTORY
(X $1,000)

Fiscal Year	*APIA*	*BBHAC*	*MHC*	*NSHC*	*SEARHC*	*TCC*	*YKHC*	*TOTAL*
FY 82	--	--	--	--	--	--	150.0	150.0
FY 84	--	100.0	--	186.0	--	--	100.0	386.0
FY 85	--	100.0	--	182.0	--	180.1	100.0	562.1
FY 86	--	70.0	--	186.0	--	150.0	100.0	506.0
FY 87	--	78.36	--	126.2	--	128.9	47.7	381.2
FY 88	--	72.0	72.0	72.0	72.0	144.0	72.0	504.0
FY 89	--	100.0	77.0	78.0	72.0	186.0	72.0	585.0
FY 90	--	88.7	70.2	72.9	70.0	162.0	74.0	537.8
FY 91	--	88.7	70.2	72.9	70.0	162.0	134.2	598.0
FY 92	--	111.2	92.7	95.4	92.5	207.0	200.4	799.2
FY 93	--	109.2	91.0	93.7	90.8	203.3	196.8	784.8
FY 94	--	109.2	91.0	93.7	91.45	203.3	296.15	884.8
FY 95	--	102.7	85.5	88.1	86.0	191.1	278.4	831.8
FY 96	--	102.7	95.5	88.1	86.0	191.1	278.4	841.8
FY 97	--	102.6	95.6	88.2	85.9	191.1	278.4	841.8
FY 98	--	178.5	96.9	99.5	86.1	292.8	369.5	1,123.3
FY 99	--	178.5	96.9	99.5	86.1	292.8	369.5	1,123.3
FY 00	--	178.5	91.9	104.5	91.1	292.8	359.5	1,118.3
FY 01	--	178.5	86.9	104.5	91.1	297.8	364.5	1,123.3
FY 02	128.6	225.1	105.4	118.5	89.9	370.9	454.8	1,493.0
FY 03	136.4	238.9	96.6	135.0	97.8	370.9	453.9	1,529.5
FY 04	136.4	238.9	96.6	135.0	98.9	370.9	453.9	1,530.6
FY 05	138.9	218.6	96.6	137.7	99.8	377.4	461.1	1,530.0
FY 06	144.9	218.6	101.6	137.7	99.8	377.4	450.1	1,530.0
FY 07	154.2	229.9	106.3	146.7	105.7	401.7	485.2	1,629.7
FY 08	171.2	229.9	106.3	169.9	115.9	426.0	480.2	1,699.4
FY 09	174.3	229.9	114.8	177.2	119.8	446.0	509.0	1,771.0
FY 10	182.8	234.0	120.6	183.0	125.8	430.0	516.8	1,793.0
FY 11	204.3	257.2	137.5	209.0	143.4	436.0	455.0	1,842.4
FY 12	205.7	288.4	122.7	200.2	149.9	426.9	539.2	1,933.0
FY 13	201.7	281.4	134.8	179.5	176.2	427.5	547.2	1,948.3
FY 14	164.0	275.8	146.8	186.8	139.5	425.9	604.2	1,943.0
FY 15	--	288.3	152.4	192.9	139.8	454.1	627.1	1,854.6
FY 16	--	204.1	162.1	99.9	12.6	555.6	706.5	1,740.8
FY 17	--	115.7	187.6	249.2	--	578.7	794.8	1,926.0
FY 18	--	187.2	162.7	200.0	--	572.4	764.3	1,886.6
FY 19	--	252.7	166.5	285.2	--	543.8	825.6	2,073.8
FY 20	--	202.5	174.7	277.4	--	521.0	899.7	2,075.3
FY 21	--	226.1	179.6	286.2	--	615.2	886.9	2,194.0
FY 22	--	223.5	193.5	290.4	--	633.3	909.0	2,249.7
FY 23		237.8	201.3	299.5	--	769.2	921.0	2,428.8
FY24		350.2	197.8	311.8		703.5	930.4	2,493.7
FY 25	266.4	373.1	205.6	311.8	--	736.1	934.2	2,827.2

Appendix B

FFY24 End of Year Summary

& FFY25 Baseline Data

RMW Program

FFY 24 End of Year Outcomes FFY 25 Baseline Data

RMW Service Area	Total # of Villages Supported	# of Advisory Communities	# of Systems Subject to ETT Listing	# of Systems Required to Have Certified Ops	Primary Operator Certified at Correct Level	Backup Operator Certified at Correct Level	Primary Operator Turnover	Backup Operator Turnover	PM Score 25	PM Score 15	PM Score 0	Villages on ETT List for RTCR	Villages on ETT List for Ops-Related Vios
BBAHC	21	9	13	13	7	4	6	0	7	5	0	0	2
DEC	72	15	51	50	33	14	23	13	41	16	0	1	3
Maniilaq	10	0	10	10	5	0	2	0	6	9	0	0	1
NSHC	15	0	15	15	8	5	3	8	6	9	0	0	2
TCC	28	4	23	23	11	6	13	7	12	13	0	0	0
YKHC	51	5	46	46	16	7	22	10	10	41	0	4	16
Totals	197	33	158	157	80	36	69	38	82	93	0	5	24
				Percentages:	51.0%	22.9%	43.9%	24.2%	46.9%	53.1%	0.0%	3.2%	15.2%

Enforcement Targeting Tool (ETT) information was taken from the October 2024 ETT List.

Attachment D identifies primary and advisory communities, as well as those subject to ETTC Listing and Operator Certification Requirements with the exception of the eight North Slope Borough communities.

Appendix C

FFY25 End of Year Summary

& FFY26 Baseline Data

RMW Program

FFY 25 End of Year Outcomes FFY 26 Baseline Data

RMW Service Area	Total # of Villages Supported	# of Advisory Communities	# of Systems Subject to ETT Listing	# of Systems Required to Have Certified Ops	Primary Operator Certified at Correct Level	Backup Operator Certified at Correct Level	Primary Operator Turnover	Backup Operator Turnover	PM Score 25	PM Score 15	PM Score 0	Villages on ETT List for RTCR	Villages on ETT List for Ops-Related Vios
APIA	12	3	11	11	6	4	5	2	4	8	0	0	1
BBAHC	24	9	15	15	9	4	7	3	6	8	0	0	3
DEC	53	13	51	40	26	11	20	7	24	21	0	1	2
Maniilaq	10	0	10	10	5	2	6	5	7	3	0	0	1
NSHC	15	0	15	15	10	10	10	7	9	6	0	0	2
TCC	28	4	23	23	8	4	26	7	11	13	0	0	3
YKHC	48	5	43	43	17	8	21	12	7	39	0	1	7
Totals	190	34	168	157	81	43	95	43	68	98	0	2	19
				Percentages:	51.6%	27.4%	60.5%	27.4%	41.0%	59.0%	0.0%	1.2%	11.3%

Enforcement Targeting Tool (ETT) information was taken from the October 2025 ETT List.

Attachment D identifies primary and advisory communities, as well as those subject to ETTC Listing and Operator Certification Requirements with the exception of the eight North Slope Borough communities.

Appendix D

RMW Community Summary

Category	Community	RMW Region	RMW	Primary/ Advisory	PWS Type	WT Class	WD Class	WWC Class	WWT Class	Primary Operator	Backup Operator	PM Score	ETT	Turn Over Primary	Turn Over Backup
Primary Communities which require a Certified Operator and are subject to ETT Listing	Adak	APIA	DEC	P	C	ST				ST	ST	25		1	
	Akiachak	YKHC	White	P	C	2			SP	WT1	ST	15			
	Akiak	YKHC	White	P	C	2				WT2	WT2	25			
	Akutan	APIA	DEC	P	C	ST				ST	NO CERT	15			
	Alakanuk	YKHC	Paukan	P	C	2	2	1	SP	ST	NO CERT	15	OPS (DBP, SOC)		1
	Allakaket	TCC	Demientieff	P	C	1				ST	NO CERT	15	OPS (GWR, LCR, SOC)		
	Ambler	MHC	Nelson	P	C	SU				ST	ST	25			2
	Anvik	YKHC	Werba	P	C	ST				ST	NO CERT	15			
	Arctic Village	TCC	Demientieff	P	C	2				WT2	WT2	25		1	
	Atka	APIA	DEC	P	C	2				WT1	NO CERT	15			
	Atmautluak	YKHC	Sanders	P	C	1				NO CERT	NONE	15		1	1
	Beaver	TCC	Demientieff	P	C	1				NO CERT	NO CERT	15			
	Brevig Mission	NSHC	Tarawneh	P	C	ST				ST	ST	25			1
	Buckland	MHC	Nelson	P	C	2				WT2	WT1	25		1	
	Chalkyitsik	TCC	Parks	P	C	2				NO CERT	NO CERT	15		3	
	Chefornak	YKHC	Kamuck	P	C	SU				NO CERT	NO CERT	15			
	Chevak	YKHC	Kamuck	P	C	1	2	1	SP	WT1	WT1	15		1	
	Chignik Bay	BBAHC	Fonkert	P	C	2				ST	NO CERT	15	OPS (SW, LCR)		1
	Chignik Lagoon	BBAHC	Fonkert	P	C	1				WT1	WTP	25			
	Chignik Lake	BBAHC	Fonkert	P	C	SU				ST	NO CERT	15		1	1
	Chuathbaluk	YKHC	Werba	P	C	ST				ST	ST	15		1	
	Circle	TCC	Stickman	P	C	ST				ST	ST	25			
	Clark's Point	BBAHC	Fonkert	P	C	SU				NO CERT	NO CERT	15		2	1
	Cold Bay	APIA	DEC	P	C	ST				WTP	ST	15			
	Crooked Creek	YKHC	Werba	P	C	1				WT1	NO CERT	15			
	Deering	MHC	Nelson	P	C	2				WT2	NONE	25		2	
	Diomede	NSHC	Tarawneh	P	C	ST				NO CERT	NONE	25	OPS (LCR)	1	
	Eek	YKHC	White	P	C	2				WT2	NO CERT	15			
	Egegik	BBAHC	Small	P	C	1				NO CERT	NO CERT	15			
	Elim	NSHC	Johnson	P	C	ST				ST	ST	25			
	Emmonak	YKHC	Paukan	P	C	2	2	1	SP	NO CERT	NO CERT	15	OPS (LCR,DBP,VOC, SOC)		
	False Pass	APIA	DEC	P	C	2				WT1	WTP	25			
	Fort Yukon	TCC	Stickman	P	C	2	2	1	SP	NO CERT	WT1	25		2	
	Galena	TCC	Demientieff	P	C	2	2		SP	NO CERT	NO CERT	15		1	
	Galena 2	TCC	Demientieff	P	C	2				NO CERT	NO CERT				
	Gambell	NSHC	Tarawneh	P	C	2	2	1	SP	ST	NO CERT	15			
	Golovin	NSHC	Johnson	P	C	2				ST	ST	15			2
	Goodnews Bay	BBAHC	Small	P	C	1				WT1	ST	25			
	Grayling	YKHC	Werba	P	C	ST				NO CERT	NO CERT	15	RTCR, OPS (SW,DBP)		
	Holy Cross	YKHC	Werba	P	C	ST				ST	ST	15			
	Hooper Bay	YKHC	Kamuck	P	C	2	2	1	SP	WTP	ST	15		3	2
	Hughes	TCC	Demientieff	P	C	1				NO CERT	NONE	15	OPS (SW, DBP, LCR)	2	1
	Huslia	TCC	Parks	P	C	1				WT1	NONE	15		2	1
	Kaltag	TCC	Demientieff	P	C	1				NO CERT	NONE	25		1	1
	Kiana	MHC	Nelson	P	C	1	2	1	SP	ST	NO CERT	25			
	Kipnuk	YKHC	Kamuck	P	C	2			SP	ST	ST	15			
	Kivalina	MHC	Nelson	P	C	ST				ST	ST	15			
	Kobuk	MHC	Nelson	P	C	1				ST	NO CERT	25		2	
	Koliganek	BBAHC	Fonkert	P	C	SU				ST	ST	15			
	Kongiganak	YKHC	Sanders	P	C	2			SP	WT2	ST	15			
	Kotlik	YKHC	Paukan	P	C	2	2	1	SP	WT1	ST	15		1	
	Koyuk	NSHC	Johnson	P	C	ST				WT1	ST	25			
	Koyukuk	TCC	Demientieff	P	C	1				NONE	NONE	15		1	
	Kwethluk	YKHC	Sanders	P	C	2	2	1	SP	WT1	ST	15	OPS (DBP)		
	Kwigillingok	YKHC	Sanders	P	C	2				ST	NO CERT	15		2	
re subject to ETT Listing	Lower Kalskag	YKHC	Werba	P	C	1				WT1	ST	15			

Category	Community	RMW Region	RMW	Primary/ Advisory	PWS Type	WT Class	WD Class	WWC Class	WWT Class	Primary Operator	Backup Operator	PM Score	ETT	Turn Over Primary	Turn Over Backup
Primay Communities which require a Certified Operator and are subject to ETT Listing	Manokotak	BBAHC	Small	P	C	SU				ST	SU	25	OPS (LCR, VOC, SOC)		
	Marshall	YKHC	Paukan	P	C	1	2	1	SP	WT1	ST	15			
	Mekoryuk	YKHC	Kamuck	P	C	1				WT1	ST	25			
	Mertarvik	YKHC	Kamuck	P	C	ST				NO CERT	NO CERT	15		2	1
	Minto	TCC	Demientieff	P	C	ST				ST	ST	15			
	Mountain Village	YKHC	Paukan	P	C	1	2	1	SP	ST	ST	15	OPS (GWR, DBP, LCR, IOC)		1
	Napakiak	YKHC	White	P	C	1				ST	ST	15			1
	Napaskiak West	YKHC	White	P	C	1				ST	NONE	15			
	Nelson Lagoon	APIA	DEC	P	C	2				NO CERT	NO CERT	15			
	Nenana	TCC	Parks	P	C	1	2	1	2	WT2	WTP	15			
	New Kasigluk	YKHC	Sanders	P	C	2				WT1	WTP	15			
	New Stuyahok	BBAHC	Fonkert	P	C		2			WDP	ST	25			
	Newtok	YKHC											Decommissioned 10/29/2024		
	Nightmute	YKHC	Kamuck	P	C	SU				NO CERT	NONE	15			
	Noatak	MHC	Nelson	P	C	1	2	1	SP	WT1	ST	25			2
	Noorvik	MHC	Nelson	P	C	2	2	1	SP	WT1	NO CERT	25			1
	Northway	TCC	Stickman	P	C	ST				ST	ST	25		1	1
	Nulato	TCC	Stickman	P	C	ST				NO CERT	NO CERT	25		3	2
	Nunam Iqua	YKHC	Paukan	P	C	2				WT1	ST	15		5	1
	Nunapitchuk	YKHC	White	P	C	2				ST	ST	25		1	
	Old Kasigluk	YKHC	Sanders	P	C	1			SP	WT1	WTP	15			
	Perryville	BBAHC	Small	P	C	ST				NO CERT	NONE	25			
	Pilot Station	YKHC	Paukan	P	C	1	2	1	SP	WT1	WT1	15		1	2
	Pitka's Point	YKHC	Paukan	P	C	ST				ST	ST	15			
	Platinum	BBAHC	Small	P	C	SU				ST	NONE	15	OPS (SW, VOC)	3	
	Quinhagak	YKHC	White	P	C	2	2	1	SP	WT1	WT1	15			
	Rampart	TCC	Stickman	P	C	1				WT1	NO CERT	15		2	
	Ruby	TCC	Parks	P	C	1				NO CERT	NONE	15	OPS (DBP, LCR)	2	
	Russian Mission	YKHC	Paukan	P	C	SU				ST	NO CERT	15			
	Sand Point	APIA	DEC	P	C	2	2	1	SP	WT2	WT1	25			1
	Savoonga	NSHC	Tarawneh	P	C	1	2	1	SP	WT2	WT1	25			1
	Scammon Bay	YKHC	Kamuck	P	C	2	2	1	SP	WT2	WT2	15	OPS (SW)		
	Selawik	MHC	Nelson	P	C	2	2	1	SP	NO CERT	NO CERT	15	OPS (SW, DBP, LCR)	1	
	Shageluk	YKHC	Werba	P	C	1				NO CERT	NO CERT	15		1	
	Shaktoolik	NSHC	Johnson	P	C	2				NO CERT	NO CERT	15		2	
	Shishmaref	NSHC	Tarawneh	P	C	2			SP	WT1	ST	15			
	Shungnak	MHC	Nelson	P	C	1				NO CERT	NO CERT	15			
	Sleetmute	YKHC	Werba	P	C	1				ST	NO CERT	15			
	South Naknek	BBAHC	Small	P	C	SU				ST	NO CERT	15			
	St. George	APIA	DEC	P	C	SU				NO CERT	NO CERT	15	OPS (GWR, LCR)		
	St. Mary's	YKHC	Paukan	P	C	2	2	1	SP	WT3	NO CERT	25	OPS (SW, LCR)	1	1
	St. Michael	NSHC	Johnson	P	C	ST				WT1	WT1	25			
	St. Paul	APIA	DEC	P	C	1	1	1		WTP	ST	15		1	1
	Stebbins	NSHC	Johnson	P	C	1				WT1	WT1	25			
	Stevens Village	TCC	Parks	P	C	ST				NO CERT	NONE	25		2	
	Tanacross	TCC	Stickman	P	C	SU				NO CERT	NO CERT	15		2	
	Tanana	TCC	Demientieff	P	C	2				WT2	ST	15		1	1
	Teller	NSHC	Tarawneh	P	C	ST				WT1	ST	25			
	Tetlin	TCC	Stickman	P	C	SU				SU	NO CERT	25			
	Togiak	BBAHC	Small	P	C	1	2	1	SP	WT2	WT1	25			
	Toksook Bay	YKHC	Kamuck	P	C	1	2	1	SP	WT2	WT1	25			
	Tuluksak	YKHC	Sanders	P	C	1				WT1	NO CERT	15			
	Tuntutuliak	YKHC	Sanders	P	C	1				ST	NONE	15		1	1
	Twin Hills	BBAHC	Small	P	C	SU				NO CERT	NO CERT	15		1	
	Unalakleet	NSHC	Johnson	P	C	2	2	1	SP	ST	ST	25		1	
	Venetie	TCC	Parks	P	C	ST				NO CERT	NO CERT	25			

Category	Community	RMW Region	RMW	Primary/ Advisory	PWS Type	WT Class	WD Class	WWC Class	WWT Class	Primary Operator	Backup Operator	PM Score	ETT	Turn Over Primary	Turn Over Backup
Primary Communities which do not require a Certified Operator Drinking Water and are not subject to ETT Listing	Wales	NSHC	Tarawneh	P	C	ST				ST	ST	15	OPS (LCR)	3	2
	White Mountain	NSHC	Johnson	P	C	ST				ST	ST	15		3	1
	Alatna	TCC	Demientieff	P	NP					NA	NA	25			
	Aniak	YKHC	Werba	P	NP			1	SP	NA	NA	25			
	Dot Lake	TCC	Stickman	P	NP					NA	NA	25			
	Tununak	YKHC	Kamuck	P	NP					NA	NA	15			

Appendix E

FFY25 RMW Directory

Remote Maintenance Worker (RMW) Directory SFY2026

Alaska Department of Environmental Conservation (ADEC)

Technical Assistance (TA) Programs
555 Cordova St.
Anchorage, AK 99501
Fax: 269-7509

Tammy Helms, TA Manager
tammy.helms@alaska.gov
907-269-7613

John Johnson, RMW Program Coordinator
john.johnson@alaska.gov
907-269-7605

Tanner Cote, RMW
tanner.cote@alaska.gov
907-269-7609

Ryan Johnson, RMW
ryan.johnson@alaska.gov
907-269-3067

Cullen Richmond, RMW
cullen.richmond@alaska.gov
907-269-7571

Akhiok	Anchor Point	Anderson
Coffman Cove	Iguigig	Angoon
Gulkana	Kachemak Selo	Chenega
Hydaburg	Kokhanok	Hoonah
Karluk	Metlakatla	Kake
Kasaan	Nanwalek	Klukwan
Klawock	Newhalen	McGrath
Larsen Bay	Nikoaevsk	Nikolai
Old Harbor	Ninilchik	Pelican
Ouzinkie	Nondalton	Takotna
Port Alexander	Port Graham	Tatitlek
Port Lions	Saxman	Trapper Creek
Port Protection	Seldovia	Tyonek
Thorne Bay	Voznesenka	Yakutat

Advisory Communities

Anaktuvuk Pass	*Elfin Cove*	*Nuiqsut*
Atqasuk	*Glennallen*	*Point Hope*
Chitina	*Gustavus*	*Point Lay*
Chiniak	*Iliamna*	*Utquiagvik*
Chistochina	*Kaktovik*	*Wainwright*
Copper Center	*Mentasta Lake*	*Whittier*
Craig		

Updated October 15, 2025

Aleutian Pribilof Islands Association, Inc. (APIA)

1131 East International Airport Rd.
Anchorage, AK 99518
907-276-2700

Karen Pletnikoff, RMW Supervisor
karenp@apiai.org
907-222-4286

Vacant RMW Position

Adak
Akutan
Atka
Cold Bay
False Pass
Nelson Lagoon
Sand Point
St. George
St. Paul

Advisory Communities

King Cove
Nikolski
Unalaska

Bristol Bay Area Health Corporation (BBAHC)

P.O. Box 130
Dillingham, AK 99576
(888) 792-2242

Melany Stumpner, RMW Supervisor
mstumpner@bbahc.org
907-842-3396

Jeff Fonkert, RMW
jfonkert@bbahc.org
907-843-0665

Larry Small, RMW
lsmall@bbahc.org
907-967-2105

Chignik Bay
Chignik Lagoon
Chignik Lake
Clark's Point
Koliganek
New Stuyahok
Egegik
Goodnews Bay
Manokotak
Platinum
South Naknek
Togiak
Twin Hills

Advisory Communities

Aleknagik
Ekwok
Ivanof Bay
Levelock
Naknek
Pilot Point
Portage Creek
Port Heiden
Ugashik

Updated October 15, 2025

Maniilaq Association

P.O. Box 256
Kotzebue, AK 99752
(800) 431-3321
Fax: 442-7287

Chris Cox, RMW Supervisor
cocox@anthc.org
907-442-7352

Bruce Nelson, RMW
brnelson@anthc.org
907-442-7042

Ambler	Kobuk
Buckland	Noatak
Deering	Noorvik
Kiana	Selawik
Kivalina	Shungnak

Norton Sound Health Corporation (NSHC)

P.O. Box 966
Nome, AK 99762
(888) 559-3311
Fax: 443-7498

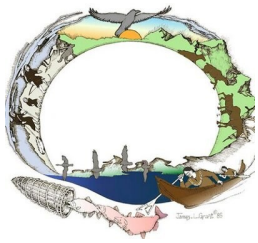
Richard Kuzuguk, RMW Supervisor
rkuzuguk@nshcorp.org
907-443-4584

Shyler Johnson, RMW
skjohnson@nshcorp.org
907-625-1231

Elim
Golovin
Koyuk
St. Michael
Shaktoolik
Stebbins
Unalakleet
White Mountain

Monti Tarawneh, RMW
matarawneh@nshcorp.org
907-443-3403 (land)
907-434-1125 (cell)

Brevig Mission
Diomede
Gambell
Savoonga
Shishmaref
Teller
Wales



Tanana Chiefs Conference (TCC)

122 First Ave.
Fairbanks, AK 99701
(800) 478-6822
Fax: 443-7498

Duane Burnham, RMW Supervisor
duane.burnham@tananachiefs.org
907-452-8251 ext. 3266

Scot Demientieff, RMW
scot.demientieff@tananachiefs.org
907-452-8251 ext. 3267

Alatna
Allakaket
Arctic Village
Beaver
Galena
Hughes
Kaltag
Manley
Minto
Tanana

Romeo Stickman, RMW
romeo.stickman@tananachiefs.org
907-452-8251 ext. 4922

Circle
Dot Lake
Fort Yukon
Koyukuk
Northway
Nulato
Rampart
Tanacross
Tetlin

Taji Parks
taji.parks@tananachiefs.org
907-452-8251 ext. 3265

Birch Creek
Chalkyitsik
Eagle Village
Healy Lake
Huslia
Nenana
Ruby
Stevens Village
Venetie

Yukon Kuskokwim Health Corporation (YKHC)

P.O. Box 528
Bethel, AK 99559
(800) 478-6599
Fax: 543-6425

Bob White, RMW Supervisor
robert_white@ykhc.org
907-543-6428 (land)
907-545-0916 (cell)

Willie Kamuck, RMW
willie_kamuck@ykhc.org
907-438-6026 (cell)

Chefornak
Chevak
Hooper Bay
Kipnuk
Mekoryuk
Mertarvik
Nightmute
Scammon Bay
Toksook Bay
Tununak

Allan Paukan, RMW
allan_paukan@ykhc.org
907-438-6124 (cell)

Alakanuk
Emmonak
Kotlik
Marshall
Mountain Village
Nunam Iqua
Pilot Station
Pitka's Point
Russian Mission
Saint Mary's

Nicholas Sanders, RMW
nicholas_sanders@ykhc.org
907-543-6427 (land)
907-545-7371 (cell)

Akiachak
Akiak
Atmautluak
Kasigluk
Kongiganak
Kwethluk
Kwigillingok Village
Nunapitchuk
Oscarville
Tuluksak
Tuntutuliak

Bruce Werba, RMW
907-545-5063 (cell)
907-476-7225 (fax)

Aniak
Anvik
Chuathbaluk
Crooked Creek
Grayling
Holy Cross
Lower Kalskag
Shageluk
Sleetmute
Upper Kalskag

Bob White, RMW Supervisor
robert_white@ykhc.org
907-543-6428 (land)
907-545-0916 (cell)

Eek
Napakiak
Napaskiak
Nunapitchuk
Quinhagak

Updated October 15, 2025

Appendix F

2025 RMW Community Calendar

This calendar was created by the Remote Maintenance Worker, Capacity Development, and Operator Certification Programs
with assistance from the Drinking Water, Wastewater, and Rural Utility Business Advisor Programs

2025 Monthly Calendar

Technical Assistance Programs

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE OF ALASKA

Akiachak

January 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 New Year's Day	2 Submit your December preventative maintenance records to your assigned RMW *WPO duty*	3 Submit the December Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	4
5	6 Take coliform sample w/distribution residual *WPO duty*	7 Pay December payroll & child support liabilities *Clerk/Bookkeeper duty*	8 Submit the December operator report to DEC Drinking Water *WPO duty*	9	10	11
12	13 Check fuel levels and day tank in WTP *WPO duty*	14	15 Have you tested the backup generator? *WPO duty*	16 Have you reconciled the December bank statement? *Clerk/Bookkeeper duty*	17 Have you backwashed the filter? *WPO duty*	18
19	20 Martin Luther King Jr. Day	21 Monitor/maintain lift station *WPO duty*	22	23 Submit the December meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	24	25
26	27	28 IRS forms deadline for w-2, w-3, 1099 misc to be mailed *Clerk/Bookkeeper duty*	29	30	31 How many gallons of water did you treat this month? _____ *WPOduty*	

Need free QuickBooks assistance?
Call the RUBA sponsored QuickBooks Helpline
907-440-0242 Monday, Tuesday, and Thursday 10:00a-3:00p

Notes:

FEBRUARY

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	


Kiana

FEBRUARY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Want to be notified of RUBA training opportunities? Sign up for email notifications from RUBA.					1
2	3 Pay January payroll & child support liabilities *Clerk/Bookkeeper duty* Take coliform sample w/distribution residual *WPO duty*	4 Submit the January Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	5 Submit the January operator report to DEC Drinking Water *WPO duty*	6 Have you reconciled the January bank statement? *Clerk/Bookkeeper duty*	7 Submit your January preventative maintenance records to your assigned RMW *WPO duty*	8
9	10	11 Have you backwashed the filter? *WPO duty*	12 Have you tested the backup generator? *WPO duty*	13 Monitor/maintain lift station *WPO duty*	14 Valentine's Day	15
16 Elizabeth Peratrovich Day	17 President's Day	18	19 Submit the January meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	20	21	22
23	24	25	26	27	28 How many gallons of water did you treat this month? _____ *WPO duty*	

Notes:

MARCH

Su	Mo	Tu	We	Th	Fr	Sa
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Venetie

MARCH 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 Pay February payroll & child support liabilities *Clerk/Bookkeeper duty*	4 Take coliform sample w/distribution residual *WPO duty*	5 Submit the February operator report to DEC Drinking Water *WPO duty*	6 Submit the February Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	7 Submit your February preventative maintenance records to your assigned RMW *WPO duty*	8
9 Daylight Saving Don't' forget to set your clocks 1 hour ahead	10 Have you reconciled the February bank statement? *Clerk/Bookkeeper duty*	11 Check fuel levels and day tank in WTP *WPO duty*	12 Have you backwashed the filter? *WPO duty*	13 Have you tested the backup generator? *WPO duty*	14 Request monitoring summary if you have not received one from DEC Drinking Water *WPO duty*	15
16	17	18 Clean & calibrate SCD & turbidimeter *WPO duty*	19	20 Monitor/maintain lift station *WPO duty*	21	22
23 30	24 31 Seward's Day	25 Submit the February meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	26 Begin quarterly grant, IRS, and Dept. of Labor reports *Clerk/Bookkeeper duty*	27	28	29 How many gallons of water did you treat this month? _____ *WPO duty*

Notes:

APRIL

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Kongiganak

APRIL 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Pay March payroll & child support liabilities *Clerk/Bookkeeper duty* Take coliform sample w/distribution residual *WPO duty*	**2** Submit the March operator report to DEC Drinking Water *WPO duty*	**3** Submit your March preventative maintenance records to your assigned RMW *WPO duty*	**4** Submit the March Discharge Monitoring Report (if required) to DEC electronically through the NetDMR system *Responsible Official duty*	**5**
6	**7** Have you reconciled the March bank statement? *Clerk/Bookkeeper duty*	**8** Start compiling data for annual CCR-request monitoring schedule from DEC Drinking Water *WPO duty*	**9**	**10** Start working on the FY26 Budget if you are on a State fiscal year! *Clerk/Bookkeeper duty*	**11** Check fuel levels and day tank in WTP *WPO duty*	**12**
13	**14** Monitor/maintain lift station *WPO duty*	**15** Have you tested the backup generator? *WPO duty*	**16**	**17** Have you backwashed the filter? *WPO duty*	**18**	**19**
20 Easter	**21**	**22** Submit the March meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	**23**	**24** Have you flushed your distribution system/hydrants? *WPO duty*	**25**	**26**
27	**28**	**29**	**30** How many gallons of water did you treat this month?_____ *WPO duty*			

2nd quarter of calendar fiscal year 2025 begins
3rd quarter of federal fiscal year 2025 begins
4th quarter of state fiscal year 2025 begins

Notes:

MAY

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
28	29	20	21	22	23	24
25	26	27	28	29	30	31

Chignik Lake

may 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 Submit the April Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	**2** Pay April payroll & child support liabilities *Clerk/Bookkeeper duty* Request data dump for CCR from DEC Drinking Water *WPO duty*	**3**
4	**5** Take coliform sample w/distribution residual *WPO duty*	**6** Submit your April preventative maintenance records to your assigned RMW *WPO duty*	**7** Have you reconciled the April bank statement? *Clerk/Bookkeeper duty*	**8** Submit the April operator report to DEC Drinking Water *WPO duty*	**9** Have you submitted your Community Assistance Program application? *Applications are due by June 1, 2025* *Responsible Official duty*	**10**
11 Mother's Day	**12** Check fuel levels and day tank in WTP *WPO duty*	**13** Have you backwashed the filter? *WPO duty*	**14** Order fuel for summer *Clerk/Bookkeeper duty*	**15** Monitor/maintain lift station *WPO duty*	**16**	**17**
18	**19** Draft of FY26 Budget should be supplied to the Council if you operate on a State FY *Clerk/Bookkeeper duty*	**20** Flush system hydrants *WPO duty*	**21**	**22** Submit the April meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	**23**	**24**
25	**26** Memorial Day	**27** Check chemical supplies/spare parts & re-order if needed *WPO duty*	**28**	**29**	**30**	**31** How many gallons of water did you treat this month? _____ *WPO duty*

Find your community's assigned LGS/RUBA staff on DCRA's website or contact the Resource Desk: resourcedesk@alaska.gov

Notes:

JUNE

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Teller

JUNE 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Take coliform sample w/distribution residual *WPO duty*	3 Submit your May preventative maintenance records to your assigned RMW *WPO duty*	4 Pay May payroll & child support liabilities *Clerk duty/Bookkeeper duty*	5 Submit the May Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	6	7
8	9 Submit the May operator report to DEC Drinking Water *WPO duty*	10 Have you reconciled the May bank statement? *Clerk/Bookkeeper duty*	11 Visually inspect source water reservoir or intake gallery and clean intake screen *WPO duty*	12 Have you backwashed the filter? *WPO duty*	13 Have you tested the backup generator? *WPO duty*	14
15 Father's Day	16 Check fuel levels and day tank in WTP *WPO duty*	17 Inform your RUBA staff if you would like an optional Operations & Maintenance Best Practices mid-year score. *Clerk/Bookkeeper duty*	18 Monitor/maintain lift station *WPO duty*	19 Juneteenth Day	20 Clean & calibrate SCD & turbidimeter *WPO duty*	21
22	23 Submit the May meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	24	25 Begin quarterly grant, IRS, and Dept. of Labor reports *Clerk/Bookkeeper duty*	26	27 CCR Report Due *WPO duty*	28
29	30 How many gallons of water did you treat this month? _____ *WPO duty*					

June 30th is the last day of SFY 25
Is your SFY26 Budget approved?

Notes:

JULY

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

atka

JULY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Pay June payroll & child support liabilities *Clerk/Bookkeeper duty*	**2** Submit your June preventative maintenance records to your assigned RMW *WPO duty*	**3** Submit the June operator report to DEC Drinking Water *WPO duty*	**4** Independence Day	**5**
6	**7** Order fuel for the winter *Clerk/Bookkeeper duty* Take coliform sample w/distribution residual *WPO duty*	**8** Submit the June Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	**9** Start working on the FY26 Budget if you are on a Federal fiscal year! *Clerk/Bookkeeper duty*	**10**	**11** Operator certificate expiring in 2025? Check your mail for a renewal notice. *WPO duty*	**12**
13	**14** Have you tested the backup generator? *WPO duty*	**15** Have you backwashed the filter? *WPO duty*	**16** Check fuel levels and day tank in WTP *WPO duty*	**17** Have you reconciled the June bank statement? *Clerk/Bookkeeper duty*	**18** Monitor/maintain lift station *WPO duty*	**19**
20	**21** Cities: Schedule your annual audit or complete your CFS if no audit is required. *Responsible Official duty*	**22** Visually inspect the interior of water storage tank. Schedule cleaning and maintenance as needed. *WPO duty*	**23**	**24** Submit the June meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	**25**	**26**
27	**28**	**29**	**30**	**31** How many gallons of water did you treat this month?_____ *WPO duty*		

1st quarter of state fiscal year 2026 begins
3rd quarter of calendar fiscal year 2025 begins
4th quarter of federal fiscal year 2025 begins

Notes:

AUGUST

Su	Mo	Tu	We	Th	Fr	Sa
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Pelican

August 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 Pay July payroll & child support liabilities *Clerk/Bookkeeper duty*	**2**
3	**4** Take coliform sample w/distribution residual *WPO duty*	**5** Submit the July Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	**6** Submit your July preventative maintenance records to your assigned RMW *WPO duty*	**7** Start preparing for elections. Review your local ordinance/bylaws. *Clerk/Bookkeeper duty*	**8** Have you reconciled the July bank statement? *Clerk/Bookkeeper duty* Submit the July operator report to DEC Drinking Water *WPO duty*	**9**
10	**11** Remember to check fuel levels and the day tank *WPO duty*	**12** Submit annual drinking water samples & check with DEC Drinking Water to see if anything else is required *WPO duty*	**13**	**14** Monitor/maintain lift station *WPO duty*	**15**	**16**
17	**18** Have you tested the backup generator? *WPO duty*	**19**	**20** Check chemical supplies/spare parts & re-order if needed *WPO duty*	**21** Have you backwashed the filter? *WPO duty*	**22**	**23**
24 How many gallons of water did you treat this month? **31** _____*WPO duty*	**25**	**26** Submit the July meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	**27**	**28**	**29**	**30**

Check in with your assigned RUBA staff for information on fall RUBA training courses

Notes:

SEPTEMBER

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Nome

SEPTEMBER 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Labor Day	**2** Pay August payroll & child support liabilities *Clerk/Bookkeeper duty*	**3** Submit your August preventative maintenance records to your assigned RMW *WPO duty*	**4** Have you reconciled the August bank statement? *Clerk/Bookkeeper duty*	**5** Submit the August Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	**6**
7	**8** Take coliform sample w/distribution residual *WPO duty*	**9** Submit the August operator report to DEC Drinking Water *WPO duty*	**10** CCR certification page due to DEC Drinking Water by September 30 *WPO duty*	**11** Check fuel levels and day tank in WTP *WPO duty*	**12** Monitor/maintain lift station *WPO duty	**13**
14	**15** Have you tested the backup generator? *WPO duty*	**16** Confirm fuel delivery for winter *Clerk/Bookkeeper duty*	**17** Have you backwashed the filter? *WPO duty*	**18** Clean & calibrate SCD & turbidimeter *WPO duty*	**19**	**20**
21	**22**	**23** Begin quarterly grant, IRS, and Dept. of Labor reports *Clerk/Bookkeeper duty*	**24**	**25** Submit the August meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	**26**	**27**
28	**29**	**30** How many gallons of water did you treat this month? _____ *WPO duty*				

Notes:

OCTOBER

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Karluk

OCTOBER 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1st quarter of federal fiscal year 2026 begins 2nd quarter of state fiscal year 2026 begins 4th quarter of calendar fiscal year 2025 begins			1 Pay September payroll & child support liabilities *Clerk/Bookkeeper duty*	2 Submit your September preventative maintenance records to your assigned RMW *WPO duty*	3 Do you have your winter fuel and supplies? *WPO duty*	4
5	6 Take coliform sample w/distribution residual *WPO duty*	7 Start working on the FY26 Budget if you are on a Calendar fiscal year! *Clerk/Bookkeeper duty*	8 Submit the September operator report to DEC Drinking Water *WPO duty*	9 Check fuel levels and day tank in WTP *WPO duty*	10 Have you reconciled the September bank statement? *Clerk/Bookkeeper duty*	11
12	13 Indigenous People's Day	14 Have you tested the backup generator? *WPO duty*	15	16 Have you backwashed the filter? *WPO duty*	17 Alaska Day (Observed)	18 Alaska Day
19	20 Monitor/maintain lift station *WPO duty*	21 Have you flushed your distribution system/hydrants? *WPO duty*	22	23 Submit the September meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	24	25
26	27 Check chemical supplies & re-order if needed *WPO duty*	28	29	30	31 How many gallons of water did you treat this month? _____ *WPO duty* Halloween	

Notes:

NOVEMBER

Su	Mo	Tu	We	Th	Fr	Sa
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

port alexander

NOVEMBER 2025

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2 Daylight Saving Don't forget to set your clocks back 1 hour	3 Pay October payroll & child support liabilities *Clerk/Bookkeeper duty* Take coliform sample w/distribution residual *WPO duty*	4 Submit the October Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	5 Submit the October operator report to DEC Drinking Water *WPO duty*	6 Submit your October preventative maintenance records to your assigned RMW *WPO duty*	7	8
9	10 Calibrate lab instruments *WPO duty*	11 Veteran's Day	12 Have you tested the backup generator? *WPO duty*	13 Have you backwashed the filter? *WPO duty*	14	15
16	17 Monitor/maintain lift station *WPO duty*	18 Have you reconciled the October bank statement? *Clerk/Bookkeeper duty*	19 Check fuel levels and day tank in WTP *WPO duty*	20	21	22
23 30	24 Submit the October meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	25	26	27 Thanksgiving	28	29 How many gallons of water did you treat this month? _____ *WPO duty*

Operators: Do you have any certificates expiring at the end of 2025? Renewal notices were mailed in October.

Notes:

DECEMBER

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Huslia

DECEMBER 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Take coliform sample w/distribution residual *WPO duty*	**2** Pay November payroll & child support liabilities *Clerk/Bookkeeper duty*	**3** Submit the November Discharge Monitoring Report (if required) to DEC Wastewater electronically through the NetDMR system *Responsible Official duty*	**4** Check with DEC Drinking Water program to ensure all required samples have been completed *WPO duty*	**5** Submit your November preventative maintenance records to your assigned RMW *WPO duty*	**6**
7	**8** Submit the November operator report to DEC Drinking Water *WPO duty*	**9**	**10** Monitor/maintain lift station *WPO duty*	**11** Have you reconciled the November bank statement? *Clerk/Bookkeeper duty*	**12** Have you backwashed the filter? *WPO duty*	**13**
14	**15** Check fuel levels and day tank in WTP *WPO duty*	**16**	**17** Have you tested the backup generator? *WPO duty*	**18**	**19** Clean & calibrate SCD & turbidimeter *WPO duty*	**20**
21	**22** Submit the November meeting minutes and financial reports to RUBA staff *Clerk/Bookkeeper duty*	**23** Begin quarterly grant, IRS & Dept. of Labor reports *Clerk/Bookkeeper duty*	**24**	**25** Christmas Day	**26**	**27**
28	**29** Check chemical supplies/spare parts & re-order if needed *WPO duty*	**30**	**31** **Deadline to provide information to RUBA and RMW staff for Operations & Maintenance Best Practices.**	How many gallons of water did you treat this month?_____ *WPO duty*		

Notes:

JANUARY 2026

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
28	29	20	21	22	23	24
25	26	27	28	29	30	31

How They Can Help

Drinking Water Program

- Answer contaminant monitoring and sampling procedure questions.
- Respond to complaints of contaminated or damaged public drinking water wells and watersheds.
- Provide monitoring, compliance, and enforcement information on public drinking water systems.
- Approve new public water systems and modifications to existing ones.

Note – always contact your Drinking Water contact person BEFORE making any modifications to your water system.

Domestic Wastewater Program

- Issue permits to discharge treated domestic wastewater and provide information on the appropriate permit for your facility.
- Provide technical assistance on permit-related treatment options.
- Provide technical assistance to operators to optimize wastewater treatment at your facility.

Capacity Development

- Assist water and wastewater utilities in acquiring the skills and knowledge to operate safely and protect the public health.

Operator Certification Program

- Provide information about system classifications, operator certification standards, renewals, and continuing education units.
- Notify operators about opportunities for training and certification exams and assist with resources to improve test scores.

Remote Maintenance Worker (RMW) Program

- Provide over-the-shoulder training and technical assistance to local water and sewer operators in rural communities through a circuit rider program.
- Provide immediate response to emergency situations that threaten or impact community water and wastewater facilities.
- Provide regional classroom training for area utility operators.
- Maintain an inventory of emergency repair equipment to lend to communities.

Rural Utility Business Advisor (RUBA) Program

- Provide managerial and financial training and assist your community with business planning for your utility.
- Provide an assessment identifying strengths and weaknesses of your utility.
- Develop a proposed work plan and work with your community to implement the plan.
- Provide technical assistance on managerial and financial management.
- Provide regional-based utility management courses.
- Develop new management tools to assist your utility.

contacts

Alaska Department of Environmental Conservation

www.dec.alaska.gov

Drinking Water Program	(907) 269-7656 Anchorage (907) 451-2108 Fairbanks (907) 262-5210 Soldotna Website: https://dec.alaska.gov/eh/dw/
Domestic Wastewater Program	(907) 269-7681 Anchorage Website: http://dec.alaska.gov/water/wastewater/domestic/
Technical Assistance Programs Manager	Tammy Helms (907) 269-7613
Capacity Development	(907) 451-2106 Technical Assistance Programs Manager: Fatima Ochante Website: http://dec.alaska.gov/water/technical-assistance-and-financing/capacity-development/
Operator Certification Program	(907) 465-1139 Juneau (907) 465-5145 Program Manager: Dan DeSloover Website: https://dec.alaska.gov/water/operator-certification/
Remote Maintenance Worker Program	(907) 269-7605 RMW Program Coordinator: John Johnson (907)276-2700 ext.286 Aleutian Pribilof Region (907) 543-6423 Bethel Region (907) 842-3396 Bristol Bay Region (907) 452-8251 Fairbanks Region (907) 442-7352 Kotzebue Region (907) 443-3294 Nome Region Website: http://dec.alaska.gov/water/remote-maintenance/

Department of Commerce, Community, and Economic Development

www.commerce.alaska.gov

Rural Utilities Business Advisor (RUBA) Program	(907) 269-4549 Anchorage Website: https://www.commerce.alaska.gov/web/dcra/RuralUtilityBusinessAdvisorProgramRUBA.aspx

Photo Credit

January **Akiachak** Nicholas Sanders	**February** **Kiana** Russell Cameron Bruce Nelson	**March** **Venetie** Lee Meckel	**April** **Kongiganak** Nicholas Sanders
May **Chignik Lake** Larry Small Spencer Singleton	**June** **Teller** Brandi Adams Richard Kuzuguk	**July** **Atka** Spencer Singleton	**August** **Pelican** Zach Gianotti
September **Nome** Trisha Sullivan Brandi Adams	**October** **Karluk** Spencer Singleton	**November** **Port Alexander** Tanner Cote	**December** **Huslia** Tanner Cote Lee Meckel

Cover: **Ketchikan/Kotzebue/Nome** Brandi Adams

Appendix G

2025 Winter Issues

Alaska Remote Maintenance Worker Program
Department of Environmental Conservation, Division of Water
555 Cordova St
Anchorage, AK 99501
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FFY25 Winter Issues

As of May 9, 2025, all previously reported issues throughout the FFY25 winter season had been successfully resolved with the assistance of the Remote Maintenance Worker (RMW) Program. As a result, this will be the final report of the season unless a significant spring flooding event arises that warrants further updates.

Since the onset of winter, this report has been issued on a weekly basis to provide updates on water and sewer system freeze-ups and related infrastructure issues impacting rural communities. The purpose of these updates has been to keep partners and stakeholders informed and to support situational awareness during the challenging winter and spring breakup seasons.

Each report has summarized the nature of the reported issues, the response efforts undertaken by local communities, and the technical assistance and on-the-ground support provided by the Remote Maintenance Workers. The consistent collaboration between the Department of Environmental Conservation (DEC), the RMW Program, and rural communities has been instrumental in addressing and resolving these issues effectively and efficiently.

We appreciate the continued efforts of all involved and remain prepared to reinitiate reporting should conditions change or significant flooding concerns develop this spring.

Resolved Issues:

Bristol Bay Area Health Corporation (BBAHC) Region

- **No issues reported**

DEC Region

- **Saxman**- On January 14, 2025, the RMW program was informed that the community had been experiencing heavy rainfall, resulting in extremely turbid raw water. The treatment plant struggled to produce water under the conditions, and the water storage tank was reported empty. The city was actively working to flush the reservoir and restore the plant's operations. ANTHC was sending a media probe to verify the media depth in each filter. After the probe, they would decide whether to add additional media to the filters. ANTHC also planned to send a Tribal Utility Support engineer to work on the stream and current detector. A Boil Water Notice was issued due to a loss of water pressure in the distribution system. Bottled water was being distributed to the community for drinking water. During the week of January 20, there was a delay in the vendor

shipping the media core sampling tool kit. Once ANTHC receives it, they will immediately send it to the community. ANTHC has been in contact with the operators and is working with them on troubleshooting the 802k water storage tank level display and treatment chemical dosing. During the week of January 27, the operator reported that he had received the media sampler and would be taking the sample after the next backwash on February 3, 2025. On February 6, it was reported that an ANTHC engineer was onsite and working with the operator to probe the media in both filters. The engineer will work with the operators to optimize the water plant performance while onsite.

Maniilaq Region

- **Kiana**- On December 1, 2024, the Kiana Water Plant Operator reported significant disruptions to the community's water supply due to power outages, extreme cold weather, and equipment failures. These challenges caused a frozen well line and a critically low water level in the treated water storage tank, leaving the pressure pump system for the distribution network inoperable and resulting in loss of water access for the community. Local water operators responded by refilling the storage tank using well pumps and a fire hose extended halfway to the plant. The loop circulation pumps remained operational, which prevented the water mains from freezing. In response to the emergency, the Northwest Arctic Borough and the Alaska Rural Utility Collaborative (ARUC) dispatched essential equipment and parts to Kiana to jet the frozen section of the well transmission line. On December 2, a Maniilaq RMW and an ARUC Operator Exchange program member arrived to assist the local operators in their restoration efforts. By December 3, the team, including local operators, ARUC staff, and RMW personnel, had thawed half of the frozen transmission line and planned to pump water from the wells through a booster pump at the halfway point directly into the storage tank. However, unforeseen cavitation issues with the well pumps delayed progress. On December 6, the RMW reported that the crew successfully broke through the last section of the frozen supply line and were working to seal the line and begin pumping water into the storage tank. Once the tank had enough water—approximately 4-5 feet—the team would turn on the west loop to test circulation. After restoring sufficient pressure, they planned to open hydrants to flush out any slush or ice that may had formed in the system during the disruption. If needed, the team was also preparing a contingency plan to construct an overland transmission line from the Kobuk River. Additional supplies, parts, and equipment were in transit from Anchorage and neighboring communities to support ongoing efforts. On December 8, the Maniilaq RMW supervisor reported that the RMW and ANTHC staff successfully assisted in reopening and bringing the well transmission supply and return lines online. They also restored the water filtration and treatment systems to proper operation. However, the west loop remained frozen, preventing circulation and pumping. On December 12, it was reported that Kiana operators had made significant progress in jetting the lines. While the supply line on the west loop from the water treatment plant was cleared, approximately 6,400 feet of line remained. In response, Kiana's leadership requested assistance from the Red Dog Mine, and an onsite coordinator traveled to the community to help lead the recovery effort. The Maniilaq RMW program continued to monitor the situation and provide support as needed. On December 17, the Maniilaq RMW supervisor reported that local crews in Kiana successfully thawed the West Loop, and the water main was circulating and back online. However, the force main remained frozen. It was recommended that thawing efforts for the force main be scheduled after the New Year to give local crews time to recover and rest. During the week of December 23, the local Kiana team successfully restored the water distribution system, leading to the lifting of the Boil Water Notice (BWN) for the West Loop and the watering point at the water treatment plant. Sampling was

underway for the East Loop to also facilitate lifting the BWN there. Crews had begun jetting the frozen sewer force main. During the week of December 30, 2024, the BWN for the East Loop was lifted after all required water samples were successfully received. Jetting was completed on the sewer force main; it is fully operational, along with all associated loops. Some individual service lines will require thawing.

- **Selawik**- On November 7, the community of Selawik reported to the RMW and Community Utility Assistance Programs that the water and sewer mains for the island and airport loops had frozen. The freeze occurred after the city hired a contractor to replace the flooring beneath the island vacuum station boilers. Following the completion of the work, the boilers were not properly recommissioned, leading to the freezing of the island and airport loops. On November 8, the Maniilaq RMW traveled to Selawik to recommission the boilers. However, despite their efforts, the frozen loops could not be restored. The community continues to produce water, and the other two loops remain fully operational with water and sewer service. On January 9, the community formally submitted a disaster declaration. On January 14, the community was placed on a Boil Water Notice due to the inability to verify if the water system was meeting disinfection contact time. At this time, there are no plans to attempt recovery of the frozen loops until spring. As a result, unless the situation deteriorates, this issue will no longer be included in future reports.
- **Noatak-** On February 25, the Noatak operators contacted the Maniilaq RMW to request equipment and supplies in response to a sewer force main freeze at Lift Station 2. Approximately 1,800 feet of force main was frozen, affecting roughly two-thirds of the community's customers. Uptown customers were unaffected, which included the clinic and school. Efforts to thaw and restore the force main were ongoing, and the community had announced plans to declare a disaster. The community thawed the force main over the March 22 weekend.
- **Kobuk**- On March 5, the local water plant operator contacted the Maniilaq RMW to report issues with the lift station pumps. On March 7, the RMW traveled to the community to assist. During the site visit, it was determined that approximately 850 feet of the force main was frozen. Thawing equipment was being shipped to the community, and an RMW planned to return to the community to assist with thawing efforts once the equipment arrived. During the week of March 24, the community awaited the delivery of several pieces of thaw recovery equipment. The Maniilaq RMW traveled to the community on April 1 to assist local crews with the thaw recovery of the force main. On April 3, it was reported that recovery efforts were successful.
- **Noatak-** New issue: On April 6, 2025, the operator reported a stoppage in the force main flow. Local crews were actively jetting the main and anticipated restoring normal flow by April 13, 2025.

Norton Sound Health Corporation (NSHC) Region

- **Koyuk**- On December 5, 2024, the primary water operator reported that the Oxinalik transmission line had frozen, which is a reoccuring issue. To assist in resolving the issue, the NSHC RMW program shipped a combination hot box generator to assist with the thawing process.
- **Diomede**- On December 12, NSHC RMWs reported an issue with the distribution line supplying water to the clinic, leaving the clinic without water. RMW assistance was requested, and an RMW was routed to the community to provide support. During the week of December 16, it was reported that upon the arrival of the NSHC RMW, it was determined that the distribution lines from the water plant to the clinic were frozen on both the supply and return sides. Both lines were successfully jetted, restoring the water supply.
- **Diomede-** On March 7, NSHC RMWs were notified that the community's only operational boiler had stopped working. In response, RMWs provided remote troubleshooting assistance and dispatched necessary parts and supplies. The boiler's controller was being bypassed to maintain heat. ANTHC is scheduled to visit the community on March 25 to evaluate the issue further. On

March 21. 2025, it was reported that the necessary parts had not yet been delivered due to mechanical issues with the helicopter. However, once parts were received, installation was expected to take only a few hours, restoring normal functionality.

Tanana Chiefs Conference (TCC) Region

- **Chalkyitsik**- Over the past few months, the community has faced recurring freezing issues caused by various factors. ANTHC, contractors, and RMWs have actively worked to address the problem. However, over the holiday weekend, a significant drop in temperature caused the system to begin freezing again. A contractor who was onsite deployed equipment to prevent further freezing. During the week of December 2, three RMWs traveled to the community equipped with a generator and bullet heaters. They replaced the contractor's equipment with RMW equipment and began insulating the building, sealing gaps around utility connections to the exterior. The RMWs also assisted in cleaning the boilers to ensure both were functioning properly. Their efforts helped the community resume water production and improve the system's resilience against future freezing incidents.
- **Galena-** On November 18, 2024, the TCC RMW Program received a call from Galena regarding emergencies at both the GILA and City water plants. At the GILA plant, a significant leak was detected in the distribution line just outside the water treatment plant. The community coordinated with contractors who planned to assist local operators in repairing the line, with the work expected to be completed in the next few weeks. RMW assistance was not requested for this issue.
- **Galena-** On November 18, 2024, the TCC RMW Program received a call from Galena reporting a section of the city water plant distribution line froze in a loop serving five homes. Due to the line's configuration, thawing is not feasible without excavation. RMWs were assisting the community in obtaining quotes for in-home water tanks while exploring options to either thaw the line or leave it frozen until spring. In the meantime, water had been turned on in buildings on either side of the frozen section to prevent the freeze from spreading and affecting additional structures. During the week of December 9, there were no updates to report. During the week of December 16, a TCC RMW traveled to the community to work with the operator and utility manager to devise a plan to bypass the frozen section of the distribution system. During the week of December 23, progress was delayed due to cold weather. A TCC RMW will return after the New Year holiday week to assist with thawing efforts. During the week of January 6, 2025, it was reported that the system was maintaining itself without the freeze expanding. The system in its current state was expected to be able to continue until summer. The issue was no longer considered an emergency, and the RMW program will continue to coordinate with the community.
- **Rampart**- The TCC RMW program has worked to troubleshoot issues with the well pump and motor. During the week of January 13, two RMWs were sent to Rampart to continue troubleshooting the issues. The conclusion was the well pump/motor, well wire, and components in the control panel needed to be replaced. Initial quotes received extended lead times. RMWs were working with the community to order replacement parts and planned to return to make the repairs once the parts were on hand. The community continued to have no water in the meantime. On January 23, Rampart ordered the replacement pump, and we are waiting for an estimated delivery time from the supplier. During the week of January 27, the community was waiting for the pumps to arrive from the shipper. During the week of February 3, it was reported that the pump and motor were missing in transit. A replacement motor had been ordered. During the week of February 10, the TCC RMW supervisor reported that the pump arrived in Rampart. Unfortunately, the second replacement motor was lost in transit in the same location as the last motor. They have requested that the supplier send a third replacement motor using a different shipper. The supplier has not secured the third motor yet, but tracking information is expected in the next few days. On February 20, the TCC RMW Supervisor reported that the third motor

arrived in Fairbanks on 2/18/25 and an RMW was able to head out 2/19/2025 to Rampart to install the new pump and help the operator make water. The system is now pressurized, and the tank is about half full. The operator is working with DEC to get off their boil water notice. This issue is no longer considered an emergency and will be removed from future reporting.

Yukon Kuskokwim Health Corporation (YKHC) Region

- **Nunapitchuk**- On November 27, 2024, the community reported that the raw water line from the well to the water treatment plant froze. The assigned YKHC RMW collaborated with the operator over the phone to troubleshoot the issue and discovered that the warm weather shutdown mode had malfunctioned, shutting down all the heat-add pumps. This issue arose after the construction project team rewired some controls during their last visit. Despite extensive troubleshooting efforts, the RMW and operator could not restore the controls. The project team returned on December 5, 2024, to repair the control panel, and the raw water line was thawed. The water system is operational.
- **Kwethluk**- On December 1, 2024, while checking the remote monitoring site for the community's system, the YKHC RMW noticed that the building was unusually cold. The RMW promptly notified the operator, who visited the site and discovered that the building was out of fuel, with an interior temperature of 34°F. The operator refueled the boiler, restoring heat to the system. Thanks to the diligence of the RMW Program in monitoring the remote site and promptly notifying the operator, a possible catastrophic emergency was successfully averted.
- **Russian Mission**- On December 2, 2024, the Tribal Administrator reported the village was without water due to a broken pump. A YKHC RMW arrived on site the following day. Prior to his arrival, he advised the operator to fill the middle loop with water. While the well pump is operational, the tank remains frozen. To address this, they pressurize the system directly from the well, bypassing the tank. Please note this is an untreated system. Once onsite, the RMW assisted in filling and circulating water through all loops of the system and began filling the tank via the return line. As of December 6, the water system was operational, and any frozen service line was being thawed.
- **Hooper Bay**- On December 9, 2024, the community reported that the Alaska Village Electric Cooperative power supply to the well field had failed. They were awaiting the arrival of a lineman to make the necessary repairs. Due to the power outage, operators were unable to produce water, which led to the depletion of the water storage tank and a loss of pressure in the distribution system. A YKHC RMW was onsite and attempted to start a backup generator to resume well production until the power utility restored full service. By December 12, YKHC RMWs reported that the community had transferred a second batch of water to the tank, bringing the water level to 4.67 feet. They planned to restore water service to Blueberry Loop and Tomahawk Loop by December 14. In the meantime, the community had been providing water on a self-haul basis from the washeteria, with households collecting 5 to 10 gallons per day. During the week of December 16, AVEC restored service to the wells for a second time. The water system had been pressurized, and water service had been re-established. While the water storage tank level remains low, efforts were ongoing to build the water level until the tank is full.
- **Chefornak**- On November 30, 2024, the YKHC RMW Program was alerted that the water distribution main had frozen. In response to the community's request, the RMWs promptly shipped jetting equipment to assist in thawing the main. On December 12, the YKHC RMW program reported that recovery efforts were ongoing, with 800 feet of line still needing to be thawed to restore access to the washeteria. They encountered some equipment challenges, however, replacement equipment was scheduled to be shipped. However, its arrival had been delayed due to adverse weather conditions. During the week of December 16, local operators successfully restored water service to the washeteria and school complex. They were progressing

toward the health clinic and the final watering point. Over half of the system had been thawed. During the weeks of December 23 and 30, no updates were provided regarding the progress of the thawing of the main. During the week of January 6, 2025, no additional progress was made in the thawing effort due to malfunctioning equipment. Repair parts were dispatched to the community through the YKHC RMW program to address the issue. During the week of January 13, local operators received the jetter parts and the new hose that were sent by the YKHC RMW program. They were able to bring the clinic back online and anticipated jetting the whole system on January 18. A YKHC RMW was scheduled to travel to the community to assess the work and make any needed repairs to the pressure and circulating pumps. During the week of January 20, local crews completed jetting the system and the system is online.

- **Hooper Bay-** On Friday, January 31, 2025, The community is losing approximately 125 GPM out of the water storage tank. They have been unable to find the source of the loss, as the community is dealing with whiteout conditions due to a blizzard. RMWs are maintaining contact with the community. They anticipate the community running out of water by Friday, January 31, 2025. Late in the day on January 31, the leaks were located and fixed on both distribution loops and pressure was restored. ANTHC and RMWs were checking in with the operators to ensure the community continued to gain water. On February 5, it was reported that the community had water. The treated tank was at 1.5ft and gaining.
- **St. Mary's-** The community has experienced ongoing sewer line issues throughout the winter but managed to maintain functionality until mid-March when the line froze completely. In response to a request for assistance, an RMW was scheduled to be onsite on Monday, March 17, to support thawing efforts. On March 21st, it was reported that at the community's request, thawing efforts would begin the following week. During the week of March 24, two YKHC RMWs traveled to the community and assisted in pumping down the lift station and terminal manhole. Additionally, they assisted in thawing 400 feet of buried force main from the terminal lift station toward the lagoon, then another 400 feet from the lagoon back toward the lift station. A jetting hose failed during the process, and a replacement was delivered. Approximately 900 feet of force main remained unthawed, with excavation underway to gain access for jetting. Jetting would continue once access was established. During the week of March 31, two locations were excavated, and crews were able to jet and clear one section of the force main. There was approximately 400 feet of pipe to thaw from the second excavation location. On April 5, crews successfully cleared the force main.
- **Kwethluk** - On April 30, 2025, the ice on the Kwethluk River began moving, taking the summer intake pump with it and halting water production. The operators contacted YKHC RMWs, who instructed them to use a boat to recover the intake pump and associated parts. On the scheduled day for removing the winter intake from the ice, the tank held only 10 feet of water. Due to the insufficient reserve, the operators were forced to reinstall the summer intake on the ice rather than waiting for the ice to clear. When the ice eventually broke up, it carried off the summer pump and float; only 6.5 feet of water remained in the storage tank, leading to an emergency situation. As of May 1, 2025, the operators were reinstalling the summer intake pump and will monitor it closely to remove it quickly if additional ice moves through. There is water service to all customers, and as long as production resumes, service should not be disrupted.