

## Saxman Water Report July 2023

As a continuation of the May and June Water report the July water report picks up right where we left off at the end of June there was a notable incident to report on our monthly Total Coliform test which was taken on 06-27-23 @ the city hall and was mailed to Admiralty testing in Juneau where it tested positive at which time they let us know we needed to retest at approved sites one uphill and one downhill from original testing site . The retest samples were taken and sent off and the results were negative for coliform bacteria. It was believed that high chlorine demand and a low residual chlorine in that section of the system was the cause of the Positive Total Coliform test. Also, the water needs to run at the testing location for about 5 min at least, even though they only recommend 2-3 min.

That wrapped up the month of June for a more exciting month of July where Dave from ANTHC was able to come to town on July 10<sup>th</sup> thru the 12<sup>th</sup> and we were able to achieve our goals that we set of getting Over Under relays on the Booster Pump Panel and the Allen Bradley Panel View at the water plant, and the 125-tank control panel at the Soda Ash Building, the Over Under Relays that were installed will protect against brown outs or random power surges as the name suggests it shuts off power at specified voltages over or under preferred setting.

ANTHC also looked at everything including the 802-tank the 125-tank, the Soda Ash Building and all areas of the water plant and chlorine room. The Honeywell and the Panel View are now communicating, and we can now get our turbidity readings back on the Panel View. We were also able to change two of the digital tank level displays that were also thought to have been burned out during one of the last power surges, so now we can see both tank levels at the water plant location with more accuracy than before. They also checked out the reservoir and vault and asked how everything was going up there as far as functionality and the only thing I could think of at the time was to have a gear operated wheel to turn the valve that opens and closes the vault which they thought was a good idea and they appreciated the input.

So, the July water report is looking good, and we got a lot accomplished thanks to ANTHC and given only a few days of them being here, we could use a few more days of them coming back to sort out other issues.

Water Operator, Robert Sero

A handwritten signature in black ink that reads "Robert Sero". The signature is written in a cursive, flowing style.