

## Saxman Water Report May 2024

May was very busy at the Water Treatment Plant, with our water level down to 5.9 ft. We were also pressure testing the water main on Totem Row and Eagle ave and Totem Row and Killer Whale ave with the help of Sara Ramey of ANTHC we were able to pinpoint a couple of leaks with the correlation tester that she brought with her she is still in the process of going over the data but we were able to determine where there was a possible leak on the top of Totem Row. More testing is needed in those areas before we get the go ahead to dig anywhere. We have the gauges for the testing of Hydrants and for household spickets. Anyone with knowledge of suspected leaks should be informed to contact Saxman City Hall office. We also replaced a toilet that was leaking at the outside restrooms at the carving center. All leaks need to be treated as high priority a toilet leaking only a few gallons a min adds up to about 4,320 gallons in a 24 hour period which in a week were talking 30,000 gallons. We will always be on the lookout for leaks in our system and making sure people are using water properly and appropriately.

We kept having problems with the polymer pump and the SCD machine with these two not operating in synchronicity the filters have a hard time keeping the NTU's down which is the count of particles in the finished water, so we are constantly adjusting the polymer to the changing water conditions. With the help of everyone including the Mayor, Joe Hess, (ANTHC) Sara Ramey, (ANTHC) we came to a consensus on the polymer percentage and mixture we were back on track with the polymer and SCD machine running smoother we were able to get our NTU's down to .020 for 3 days straight and doing better for the length of the filter runs. With all the rain we were having we are doing backwashes more often, which is not a bad thing. There are more particulates in the water during these high-water levels in the reservoir and stream that leads to shorter filter runs.

With the Water Plant making water and doing good we were able to get other things done like the roads we were able to get speed bumps on Eagle Ave, and some on Killer Whale. We are not finished with Killer Whale, and we are putting one on Raven Ave when we get the rest of the hardware that is on backorder at Tyler Industrial. They will contact us soon as it gets in, we checked all other locations in Ketchikan for hardware and Tyler was the best option. We will get speed bumps installed soon as we get our order in. In the mean time we are also cutting the grass throughout Saxman and over at the entrance to 3 Bears grocery store. We are also getting our chainsaws ready for trimming the Alders throughout Saxman also.

At this time, the water plant is doing better, and we are building water in the 802 tank. The filters are doing better with fewer hang-ups than we were experiencing in the past we can concentrate on making water.

WaterOperator, RobertSero

06-17-24

