

Saxman Water Report December 2025

The month of December went very well with the daily average in the 802 tank 15.1 ft .We did so well that we would have to slow the plant down a lot of times so that we would not overflow in the 802 tank. One time we got down to 49 GPM and were able to keep up maintaining the 802 @ 15.6 for a few days.The new SCD machine is working good keeping us online even when the raw NTU's spike up to 2.998 when we had a lot of rain. The only thing that's not working yet is the PLC in the Panel View Plus that controls the chlorine pump turning the pump off when the water plant goes offline. So now we have to control manually until we get the PLC reprogrammed. We sent the PLC up to Dave Reed (ANTHC) twice with no luck getting it back in service. Dave Reed let us know that he would have to come to the water plant in person to troubleshoot the problem we were having with the PLC so Dave said he would talk to Elizabeth Merril and try to plan a trip to Saxman. He has not gotten back to us yet about what we are going to do next moving forward.I will contact Dave Reed to see if he or someone from ANTHC will be coming to help us with the PLC and the valve that controls the backwash water from the 802 it is an automatic valve that malfunctioned so we are not using it now we shut off the main valve where the water comes into the water plant from the 802.Other than those couple things the water plant is doing exceptionally well getting the filtered water NTU's down to ,015 for a week straight the turbidity readings were .015 all across the board running just as good as when the plant was brand new.

The water plant and the 802 tank did good all December up until the 27th the temperature was 23 degrees outside and freezing at night the 802 tank was @ 15.3 ft at 6:00am the 27th by the next morning on the 28th 24 hours later we were down to 14.4 ft losing almost one foot overnight one foot in the 802 is 50,000 gallons.and we continued to lose ground each day after that only able to break even a few days staying at 8 ft for about 4 days at 9m GPM but we lost on average 7/10 of a foot each day that's around 35,000 gallons. We were losing water up until January 15th we were at 5.8 ft on the 16th 6.5 ft , on the 17th 7.6 ft gaining 1.1ft overnight that's 55,000 gallons @ 4:40pm the 17th 802 was at 8.3 ft gaining .7 that's 35,000 gallons in about 9 hours on the 18th @ 7:30am the 802 was at 9.0 ft gaining 35,000 gallons @ 2:30pm on the 18th the 802 was @ 9.5 ft gaining .5 in 7 hours that's 25,000 gallons . We continue to gain around 35,000 gallons a day. From the 17th to the 18th we went from 7.6 ft to 9.0 ft gaining 1.4 ft in 24 hours. That's 70,000 gallons in one day that's what we gained not including consumption.

On Tuesday January 13, Sara Ramey (ARWA) came to town to start looking for leaks and pressure testing the water lines. We also checked all of the connections throughout Saxman, checking every curb stop we could find and checking for water coming out or frozen water coming out of the ground , looking for any clue that there was a leak checking ditches and culverts . Mostly we were looking for the curb stops that's the shutoff valve for each property ,this is usually where the leaks are 80% of the time. We found the shutoffs for a few of the abandoned houses throughout Saxman. Some of the curb stops we still need to find and document. We got the water line fixed at the house on Bear Clan st. We were finally able to locate the leak or at least the general area. We were happy to get that one done as we knew that it had been leaking for a while but we could not locate it.There was another house where the hose came off the connection. It was a $\frac{3}{4}$ " line and it was wide open probably for days because nobody was staying there at the time. Also at 2583 Raven the water lines froze and broke in 2 different places inside the house flooding the house for days ,because nobody was

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staying there nobody noticed it right away it probably was leaking for few days if not a week. But all of these leaks we found add up to a lot of water that was being lost each day some days we lost 50,000 gallons in one day . Now that we found a majority of the leaks we suspected we are gaining around 35,000 gallons a day if not more. Even though we found a bunch of big leaks we are still on the lookout for medium to small leaks that are harder to find as there's not as much water coming out of them.

So we did good finding and repairing leaks and we are building water in the 802. We will continue to search for leaks and find the curb stops that we can't locate because we need to know where every shutoff is for every property so that in case of an emergency we can shut the water off. We will be working on tie sheets for all the connections in Saxman.

Water Operator , Robert W. Sero 01-17-26