



City of Thorne Bay

Thorne Bay, AK 999109

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DEPARTMENT REPORT

Subject: Monthly Department Report

Department: Water & Sewer Utility

Supervisor: Sam Sawyer, Level II Water

Employees: Sam Sawyer, Supervisor
Dave Duffield, Employee

Date: December 17, 2019

A Departmental Overview

The Water/Sewer Department is administered by Sam Sawyer, Level II Water Operator. The Supervisor(s) and staff are responsible for the operation and maintenance of the City's four core sanitation services: Water Treatment, Water Distribution, Sewage Collection, and Sewer Treatment. Duties include maintenance, minor and major schedule and unscheduled repairs throughout all four systems, monthly reporting to the Alaska Department of Environmental Conservation as required, direct sampling as scheduled for water quality and wastewater effluent quality compliance, implementation of a preventative maintenance schedule, construction of new water distribution mains and residential /commercial service connections and wastewater collection mains and residential/commercial service connections.

Current Department Activities:

- For the month of November and December our main goal was to keep the water and sewer plants functional during scheduled shutdowns and make sure we were still providing the town with drinking water and fire suppression.

Furthermore, we completed all water and sewer sampling and testing requirements by the State of Alaska, fixed minor water leaks in town, and performed our winter cleanup of the sewer treatment facility.

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- In November we had multiple shutdowns of the water plant and one major shutdown of the sewer treatment facility which were coordinated with First City Electric and Schmolck Mechanical.
 - During the shutdowns in November, a new 8-inch valve going to our water storage tank was installed, our Chlorine and Soda Ash injection points were relocated and the installation of our new Filtomat backwashing module was completed.
 - Everything went smooth except the installation of the filtomat system which we are still having issues with. DOWL engineering will be present on Wednesday December 18th to try to work out the issues we are having.
 - During the sewer plant shutdown, all the new plumbing was completed in order to get the new UV system installed, which was completed late last week.
- On December 18th the engineers will be here to get it programmed and running.
- In the first week of December we received all our new pumps for the water plant and have installed our coagulation pump which is working great.
 - The main power supplying the water plant was also installed and hooked up and completed by First City electric. Also, our new heating oil tanks were installed, and we are currently plumbing them up to the oil heaters in the water treatment facility.