



## THE LAKE AND PENINSULA SCHOOL DISTRICT

101 Jensen Drive  
P.O. Box 498  
King Salmon, Alaska 99613  
Phone (907) 246-4280 / Fax (907) 246-4473



January 12, 2022

To: Lake and Peninsula School Board  
From: Tim McDermott

### **Re: Maintenance Report**

The activities of the Maintenance Department for the month of December 2021 were largely dictated by the extreme weather conditions and circumstance. The month started at Levelock School where a scheduled boiler service resulted in a fuel line replacement project. At the same time the absence of the principal due to the December meetings in Anchorage coupled with drifting snow conditions revealed a need for oversight and attendance. The Maintenance Team spent 7 days at Levelock School during the first two weeks of the December month changing the fluorescent t-8 tubes to LED's, cleaning and servicing the boilers, replacing the fuel lines to the boilers, changing out the starter in the truck, cleaning the grease trap in the kitchen, clearing snow, cleaning, organizing, and maintaining a presence.

Village power issues at Pilot Point demanded that the school go under its own power and be utilized to shelter some of the community members until Village power was restored. Cold temperatures and extreme north wind combined to create dangerously severe weather. A heating pipe froze and burst in one of the classrooms. One unintended caveat of this event turned out to be a good exercise in communication and operations. On site personnel communicated with Maintenance and executed an isolation of the burst zone over the phone at 2 o'clock in the morning. The Maintenance Team flew to Pilot Point and spent the next 3 days, December 12, 13, and 14, repairing the burst pipe, cleaning up the mess, servicing the boilers, and assisting in getting the Village generators up and running, along with performing maintenance to the heat recovery system.

Maintenance received a call from Chignik Lagoon late in the afternoon on Thursday, Dec 16<sup>th</sup>, that the breaker in the Village power plant supplying the school was blown and the school was out of power at sub-freezing temperatures. A breaker was located in Eagle River and expedited to Lake Clark Air who picked up the Maintenance Team in King Salmon the next morning with the breaker on board. Long story short, power was restored in less than 24 hours, avoiding almost certain collateral damages to the school buildings.

Maintenance had to return to Pilot Point for several days at the end of the month, December 30<sup>th</sup>, staying over New Year's until January 3<sup>rd</sup> due to Village power issues and to attend the school facilities in the absence of site personnel on Christmas break. The power was stabilized, fuel was received, LED bulbs were changed out, vehicles serviced, and time was spent organizing and cleaning.

From January 5 until January 9, 2022 Maintenance was at the Nondalton School to help the Village get the fuel truck running so that that the Village could receive fuel and that fuel could be transferred from the tank at the school to the tank at teacher housing. Concurrent with this effort, one of the boilers was disassembled and repaired, the fuel delivery system was maintained, and a no contact, refrigerated water bottle filler that was supplied by the village was installed in the gym.

At the District office in King Salmon, Damian Hill accomplished an update of the MSDS/SDS master sheet, provided logistical support for the Maintenance Team, attended the Bond Review and Grant Committee meeting, kept up with day to day operations relating to shipping and receiving, and researched alternative platforms for our computer based maintenance management system.