



## 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



March 8, 2024

To: Lake and Peninsula School Board

From: Tim McDermott

### **Re: Maintenance Report**

I would like to preface this report with information to the interested parties on the water bottle filling stations at the Newhalen School. The drinking fountains were not replaced with the donated water bottle filling stations during the February month due to weather conditions, unforeseen priorities, and limited resources. Maintenance will pursue getting them installed this month. We plan to be there the week of March 11, 2024.

As you are aware, extreme conditions during this past month, snow and minus temperatures, made travel conditions dicey. Maintenance field efforts during February were focused on support of failed and or failing infrastructure.

In Nondalton the city water service to the school was interrupted by a loss of pressure combined with sub-zero temperatures. After spending two days waiting on weather and failing to elicit a positive response from the City and or the Borough, School District Maintenance was dispatched to Nondalton and attempted to restore service to school. Maintenance jetted the city service for some 180 feet down the line and off of the school property. It is apparent that the frozen/obstructed line is part of the city infrastructure and will not likely be restored until it thaws in the spring. Efforts were successful in resurrecting the old school well and distribution system. The

system is temporarily in service under a boil only notice so that students and staff could return to the building. Alternative drinking water is being supplied from other sources of city water and supplemented by bottled water. Below is a copy of the work order to date and the accumulation of this unbudgeted expenditure.

Work Orders

Record 89 of 124

Entity: Lake and Peninsula School  
 Current Status: ACTIVE  
 WO #: 7156  
 Created: 2/14/2024 9:17 PM  
 Work Type: 7 - OPERATIONS  
 Due: @  
 Purpose: domestic water service to the sc  
 Completed: @  
 Asset ID: NON-SCHOOL-300100  
 Assigned: @  
 Budget: MAINTENANCE  
 Priority: 3

Cost Description	Estimated	Actual
Labor Total		\$4,745.04
Parts Total		
MATERIALS		\$194.34
MATERIALS		\$234.95
MATERIALS		\$336.08
TRAVEL		\$1,550.00
MATERIALS		\$825.59
MATERIALS		\$112.34
	\$0.00	\$7,998.34

\* Bold labels indicate required fields

Service Items | **Notes** | Parts | Labor | Other Costs | Attachments 1 | History

+ New Note

Note Date	Note Type	Note	Service Code	Modified By	Actions
2/22/2024 5:04 PM	GENERAL	placed new Grundfos pump into place and is valved off, need to fill water storage tank and open 2 valves to operate as a backup in case well fails to produce consistently.		Tim McDermott	
2/19/2024 5:40 PM	GENERAL	unable to thaw out city domestic water supply. we switched to well and Frontier supply is shipping a new Grundfos pressure pump on Iliamna air		Carl Adams	
2/18/2024 5:29 AM	GENERAL	we were able to jet about 180' estimated		Carl Adams	
2/17/2024 4:55 AM	GENERAL	purchased valves and plumbing items from Frontier plumbing		Carl Adams	
2/17/2024 4:13 AM	GENERAL	placed valve on domestic water mainline and tried to snake line, reached to 50 ft. mark with no obstructions, waiting for the fire truck to thaw out to get water to jetter,		Carl Adams	
2/14/2024 9:23 PM	GENERAL	No domestic water service at the school buildings. Probably a frozen service line. Going back and forth with the city about responsibility and resources while we wait for weather to build a response from Naknek.		Tim McDermott	

Concurrent with the Nondalton water issues, an incident with the Port Alsworth incinerator resulted in it being taken out of service. Maintenance was dispatched to Port Alsworth to assess the situation and restore some discipline to the operation. For reasons of liability, safety, and to restore accountability, a local entity has been temporarily contracted to waste management until a solution can be scoped and funded. The Board can draw its own conclusions. This was standard operating procedure before there was a municipal

presence but now that there is a Borough, City, Village relationship both of these efforts (and many like them in the region) are above the budgeted responsibilities of the School District and outside of the practical realm of operational Maintenance, more leaning towards planning and projects, specifically the renewal/replacement of assets. Field maintenance is at present at Chignik Lagoon patching up a heating and mechanical system that is well past renewal/replacement.

Safety and Compliance is working on the never-ending gathering, prompting, and recording of energy data, record keeping, plan updates, providing a liaison between the Borough and the School District communicating on projects including the potential occupancy of the District Office by Park Service, scheduling springtime fire sprinkler, alarm, and safety inspections, and providing some of the necessary support of shipping, receiving, logistics, and snow removal at the former District Office in King Salmon.

Below are a few pictures to illustrate some of the recent efforts:

The marginal incinerator at Port Alsworth:



Rotted pipe nipple in heating system:



Deteriorated valves and failed pump at Chignik Lagoon and it's replacement:







Leaking sink at Chignik Lagoon. The cause and the resultant repair.







These conditions, efforts, and repairs are examples of the condition of most of the LPSD facilities.

As we look towards collective solutions, explore different ways of thinking about operational maintenance, and address LPSD aging and failing facilities it is imperative that we internally emphasize attention to communication and responsibility. The administration, and in turn, the principals, should continue to educate their staff in awareness and ownership of site-based assets and impart clear understanding of the realities of site-based responsibilities. Requests for maintenance and custodial support should be sent to the Maintenance email, [maintenance@lpsd.com](mailto:maintenance@lpsd.com) or for an immediate need, one of our cell numbers, 907-469-0460 (Tim) or 907-469-0473 (Carl).

