Appendix H

2022 Windy Camp Reclamation Summary





Memo

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From:	Guy Dufour, Hope Bay Environment General Supervisor
Date:	January 2, 2023

Subject: 2022 Windy Camp Reclamation Summary

1. Purpose

The purpose of this memo is to document and summarize the activities, level of effort, and progress achieved in the 2022 field season in relation to reclamation of historic infrastructure at Windy Camp on the Hope Bay Belt.

2. Activities

Activities started with identifying the types of streams generated by the demolition. Un-painted wood was deemed acceptable to burn but the combined demolished building material was unacceptable. That distinction led to four different streams of material coming from the site, burnable wood, construction debris, metal and re-usable.

Activities began on July 13, 2022 with the mobilization of an excavator and manual laborers. The intent was to manually remove material that could create risk later in the dismantling and material with high recycling value while the excavator would focus on dismantling buildings, segregating unpainted wood and general construction debris. The unpainted wood would be burnt at the Doris Burn Pan while the mixed construction debris and metal would be place in sea containers for disposal offsite.



Figure 2-1: 2021 Aerial Photo with 2022 Reclamation, areas circled in red represent structures still standing as of January 2, 2023

On July 14, 2022 manual dismantling of windows begun to avoid littering the site with broken glass which could injure wildlife. While the laborers were removing windows, the excavator begun with the removal of the Utility Building.



Figure 2-2: Excavator dismantling the Utility Building – July 14, 2022

On July 16, 2022, trucks began hauling un-painted wood to be burnt at the Doris Burn Pan.



Figure 2-3: Un-painted waiting to be burn at Doris - July 27, 2022



Figure 2-4: Material segregated in Construction debris and Metal – July 18, 2022



Figure 2-5: Material segregated – High value recyclable including Electrical fixtures and wires – July 18, 2022



Figure 2-6: Construction debris loaded in sea containers for disposal down south – July 21, 2022



Figure 2-7: General site view toward the end of the operation – July 25, 2022

3. Results

The dismantling of Windy Camp in 2022 lasted from July 13 to Aug 1 requiring approximately 600 hours of labor.

The quantity of residual material removed from Windy Camp is presented at table 3-1.

Table 3-1: Quantities of residual material removed from Windy Camp

	Quantity	Weight of debris
Metal sea container	1	8.4 tonne
Truck loads burnt at Doris ¹	25	250 tonnes
Sea containers of construction debris ²	57	251 tonnes

¹ Trucks used can carry a maximum of 40 tonnes, each load was estimated at 10 tonnes.

² Weight of construction debris has been estimated using the total weight and subtracting 2.3 tonnes per empty containers.



Figure 2-7: General view of Windy Camp – Aug 22, 2022

The Windy Lake Fresh Water Intake will remain in service. We intend to re-use the core logging tent and the Mechanical shop structure while the small cabins are scheduled for dismantlement in 2023.