

Hilcorp Alaska, LLC
Proposed Polar Bear Den Specific Snow Management Mitigation Measures
December 19, 2016

Please note that the Endicott Road within the one-mile buffer of the Den area is being treated as a “quiet zone.” In addition to reduced speed limits to 5 MPH, there will not be unnecessary honking of the horn, stopping or backing up of vehicles.

Please also remember that Emergency Services (human life and safety) always take precedence and speed restrictions and the mitigation zone don’t apply to these essential services.

Management of Snow within this area after an extreme blow and drifting or Phase Conditions will be as follows:

1. When visibility allows, the Den area will be monitored 30 minutes prior to and 30 minutes post road maintenance. A log of road maintenance activities and associated monitoring (noting when monitoring was not possible due to weather and the associated observations) will be maintained.
2. The Snow Push Loader will be used to clear the drifts within an 800 foot (~400 feet each side of the Den area) super quiet exclusion zone around the den. The Backup Alarm in the Equipment will be turned off and the loader will also limit backing up.
3. Outside of this 800 foot super quiet exclusion zone, in which only the Snow Push Loader operates, Operations will manage their methods of snow removal to limit the number of passes within the one mile buffer of the Den area.
4. Operations will clear the snow to open the road with the Snow Blade followed by the Snow Blower. They will open the road with one pass of these two pieces of equipment as opposed to needing greater than 5 passes and more with the Snow Push Loader. In addition, the Snow Push Loader creates berms on the edge of the road, which have the potential to create more snow drifting in the roadway due to a snow fence effect. As the wind-blown snow drops out on the roadway, more snow removal would be required resulting in even more passes with the Snow Push Loader.
5. When traveling through the 800 foot super quiet exclusion zone with the Snow Blade and Snow Blower, the Snow Blower will be turned off and the Blade lifted to minimize the noise of the equipment.
6. Outside of the 800 foot (~400 feet each side of the Den area) super quiet exclusion zone and within the one mile buffer of the Den area, Equipment Operations will be minimized to what is absolutely necessary for clearing snow for essential services. The Operators will limit backing, turn off their back up alarms, reduce speed limits and limit stopping and starting of the equipment. Operations will manage their methods of snow removal to limit the number of passes within the one mile buffer of the Den area. Limiting the number of passes will reduce the noise and vibration in the area. Operations will use equipment with Rubber Tires to limit the noise of the tracks on the steel bridges. Operations will only plow the bridges with the Snow Push Loader if it is required for essential traffic.