

February 21, 2023

Louis-Felix Renaud
Planner, Climate Action, Planning & Development Services
Resort Municipality of Whistler
4325 Blackcomb Way
Whistler, BC V8E 0X5

Dear Louis-Felix:


Re: Fitzsimmons 8 Proposed Measures of Dust and Erosion Mitigation

Activities performed during Project construction will be done so in such a manner as to avoid or minimize surface erosion and sediment transport into existing watercourses, drainage ditches, and wetlands and to mitigate aerial dust transport.

Whistler Blackcomb has contracted Sartori Environmental for Environmental Monitoring of the project. Whistler Blackcomb will follow the recommendations laid out by Sartori Environmental, and additional recommendations regarding dust and erosion mitigation outlined below.

At a minimum, the following measures will be used to minimize soil erosion and control sediment run-off from active work areas:

- Minimize work area footprint to reduce exposure of erodible soils to precipitation. All areas requiring excavation (i.e., bank restoration areas) should be clearly delineated to minimize the extent of the disturbance footprint.
- Should site conditions allow it at the time of construction, snowpack may be built to act as temporary protective barriers (e.g., for heavy machinery use).
- Disturbed areas should be stabilized as soon as possible with special attention to areas that may become wetted during rainy conditions.
- Excavation areas associated with the removal of the concrete base of each tower will promptly be backfilled with native soil and seeded/replanted to minimize erosion.
- Any excavated material requiring to be temporarily stockpiled on site should be staged in a stable area and covered with polyethylene or tarpaulin sheeting to prevent loss to adjacent aquatic habitat.
- Ensure site stabilization of disturbed work surfaces is achieved prior to any long-term stoppage of works (i.e., > 2 weeks).
- Works will be stopped in areas of erodible soils during heavy precipitation if increased turbidity of discharged water cannot be mitigated.

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- Sartori will conduct Erosion and Sediment Control (ESC) inspections weekly during construction, or at a more appropriate frequency based on site and weather conditions (e.g., increased frequency when rain is forecasted), and will recommend the installation, repair, or modification of ESC mitigation measures, as needed.
 - Adaptive ESC measures will be provided, as required, throughout the completion of the Project by Sartori as site and weather conditions change (e.g., snowmelt)
 - Erosion control will include sediment ponds, silt fencing, and affiliated drain rock where required to prevent sediment transport into waterways.

Dust mitigation will be carried out using the following measures:

- Internal WB and additional contracted resources will water daily if and where required to mitigate dust transport.
- Water will be drawn from Whistler Blackcomb's snowmaking system and will utilize a combination of hand watering using fog nozzles and mechanical watering with Nelson Big Gun sprinklers and a water truck.
- The Boneyard area from 0.5 on the Whistler Main Road to the Plaza elevation will be sequentially re-seeded at the earliest opportunity throughout the Joyride Slopestyle course build.
- The road system will be treated with calcium chloride from the Whistler Mountain road village gate to the top station of Fitzsimmons Express. Additional watering with a water truck will occur as needed to ensure dust control within the project footprint.
- Additional watering requirements through the extent of the lift line will be carried out via the snowmaking system, snowmaking hose, and fog nozzle where required.

Please don't hesitate to reach out to me or Wendy Robinson, to discuss any questions or comments you may have regarding the planned erosion and sediment control measures outlined above. I can be reached at 604.938.7013 or via email at hlduffy@vailresorts.com. Wendy can be reached at 604.938.7324 or via email at wrobinson@vailresorts.com.

Sincerely,



Heather Dufty
GIS Analyst, Mountain Planning