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RPW– Abatement, Demolition and Remediation Site Tour and Bidders Meeting

Glacier National Park and
Rogers Pass National Historic Site





Agenda

- Project Overview
- Project Boundaries/Footprint
- Abatement/Demolition
- Remedial Excavation
- Archaeological/Cultural Resources
- Disposal of Wastes
- Site Backfilling and Restoration/Re-surfacing
- Other Project Considerations
- Contracting/Bidding/Billing Process
- Questions



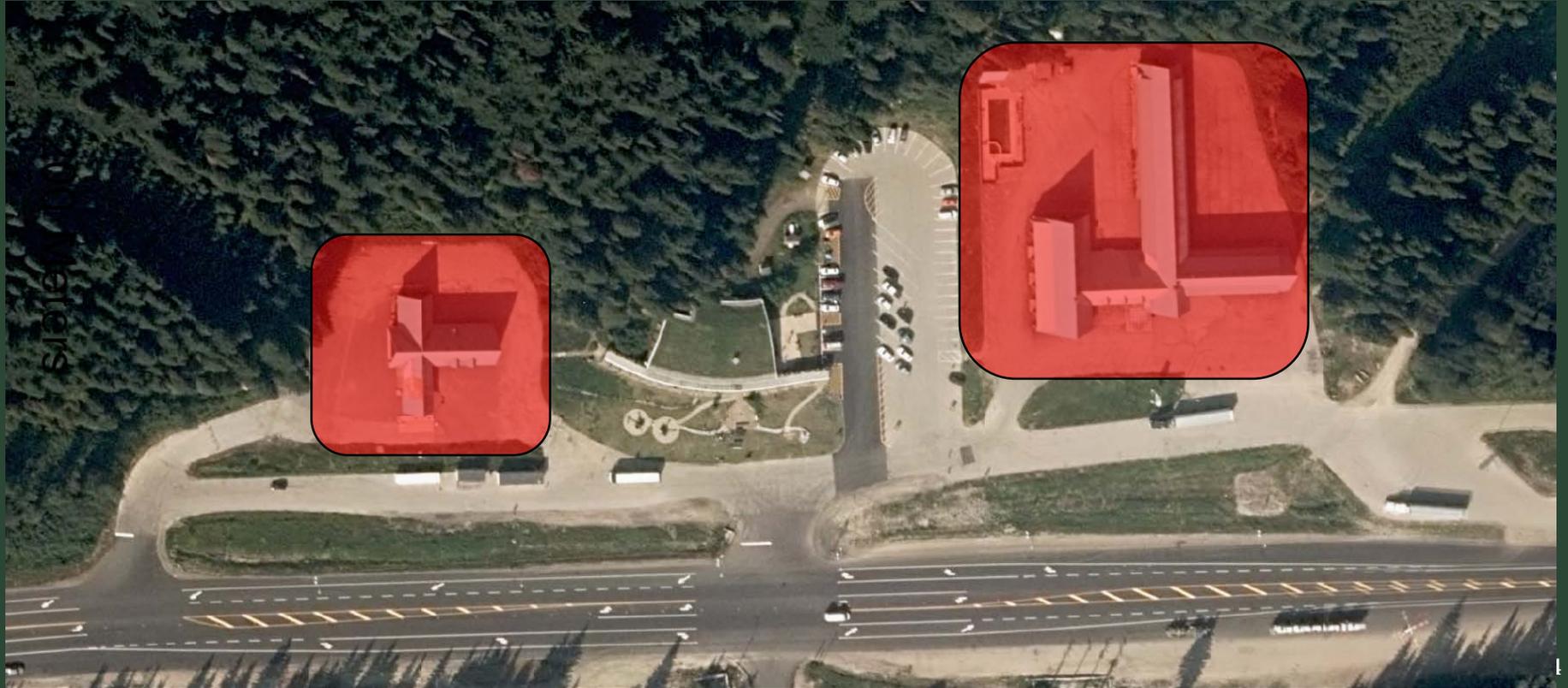
Project Overview

- 1) Hazardous Materials Abatement in all buildings to be demolished
- 2) Demolition of Service Station, Glacier Park Lodge and Associated Infrastructure
- 3) Remedial Excavation of Contaminated Soil
- 4) Site Backfilling/Re-surfacing

* Priority is to complete the Service Station first

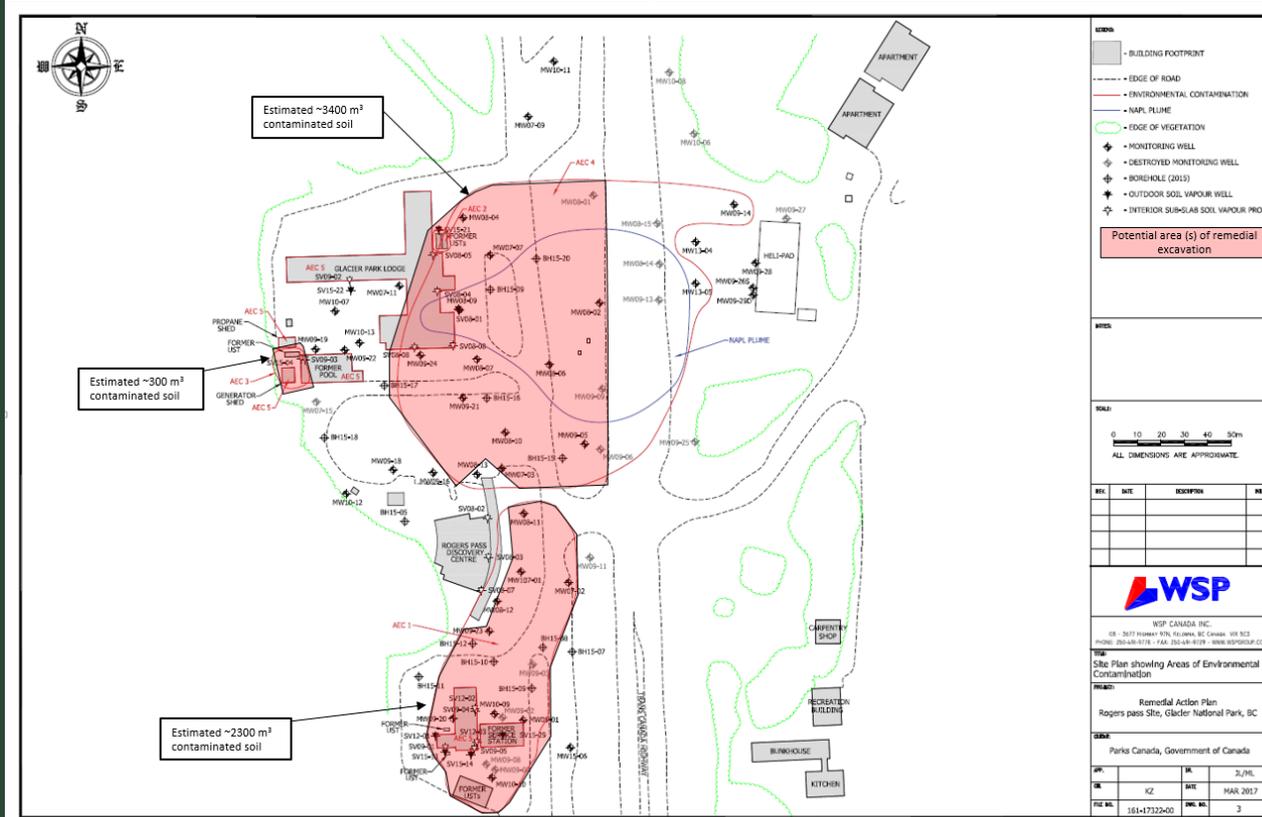


Project Boundaries/Footprint – Abatement and Demolition





Project Boundaries/Footprint – Remedial Excavation





Abatement and Demolition

- Hazardous Materials Abatement in all buildings to be demolished
 - Includes Service Station, Glacier Park Lodge, Pool Shed, Gen. Shed, etc.
 - Potential for a Variance from traditional abatement techniques, information available at worksafebc.com
- Demolition of Service Station, Glacier Park Lodge and Associated Infrastructure (parking lots/paved areas, pool, pool shed, generator shed, light stands, etc.)



Remedial Excavation

- Bound by RPDC, TCH and Groundwater
- Goal is to remove as much bulk-source contaminated soil as possible
- Will require planning/coordinator with other projects
- Completed in phases to allow access to RPDC
- Priority is Service Station side of the site
- Detailed Environmental Report documenting extent of remediation required
- Potential to transport contaminated soil via Rail – requires approval and coordination with CPR and at a cost.





Archaeology/Cultural Resources/Utilities

- Rogers Pass is a National Historic Site, as such Cultural and Archaeological finds are expected throughout excavation work and may result in project delays
- An Archaeological Monitor will be provided for any excavation work
- Utility locates (pre-excavation) and utility surveys (both active and obsolete, post excavation are also required)





Disposal of Wastes

- CRSD Regional Landfills in both Revelstoke and Golden accept Asbestos Containing Materials (ACM) and Construction/Demolition wastes (wood, metal, concrete and mixed wastes) at various prices per tonne.
- Contaminated soil acceptance is dictated by Schedule 7, Column IV of the Contaminated Sites Regulations
- Waste determined to be Hazardous (i.e. does not meet CRSD criteria) requires disposal at a Hazardous Waste Disposal Facility (Vernon, Kelowna or Kamloops)
- Potential to use CPR to transport contaminated soil (via train) from Glacier Station to Golden



Site Backfilling and Restoration/Re-surfacing





Site Backfilling and Restoration/Re-surfacing

AREA 1 (Service Station)

- All pavement to be removed.
- Previously paved areas (and former location of Service Station) to be backfilled (EGLS material available at no cost) and re-graded to existing elevation (below asphalt).
- Grassed areas to be restored to grassed areas.
- Any disturbance/excavation required near VE structures in front of RPDC must be restored to original condition pre-construction/excavation.

AREA 2 (GPL)

- All pavement to be removed.
- Paved areas (and former location of GPL) to be backfilled and re-graded to existing elevation (below asphalt).
- The front 20% or 2000 m² will be backfilled with appropriate fill (EGLS material available at no cost) and covered with compacted pavement millings (provided by FU).
- The back 80% or 8000 m² to be backfilled with appropriate fill (EGLS material available at no cost), topsoil placed and then grassed/seeded for future DUA and/or redevelopment.

AREA 3 (RPDC Parking and Ponding Area)

- Any remedial excavation required in this area will be backfilled (EGLS material available at no cost) and re-graded. Previously grassed areas will be returned to grassed areas and previously paved areas will be covered with compacted pavement millings (provided by FU)¹¹



East Gate Landslide Location

← from Roger Pass Summit Rd, Columbia-Shuswap A, B...
to 576 BC-1, Columbia-Shuswap A, BC V0A

16 min (19.3 km)
Via Trans-Canada Hwy/BC-1 E
Fastest route, the usual traffic

Roger Pass Summit Rd
Columbia-Shuswap A, BC V0A

- ↑ Head east toward Roger Pass Summit Rd
27 m
- ↘ Turn right onto Roger Pass Summit Rd
34 m
- ↙ Turn left toward Trans-Canada Hwy/BC-1 E
39 m
- ↙ Turn left at the 1st cross street onto Trans-Canada Hwy/BC-1 E
19.2 km

576 BC-1
Columbia-Shuswap A, BC V0A

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.



Other Project Considerations

- Coordination with other projects/programs (Highway improvements, sewer/storm-water improvements, new washroom/DUA, etc.)
- Operating National Park and National Historic Site – RPDC will remain open and it (as well as the TCH) has very high visitation/usage numbers
- Rogers Pass climate/weather – only snow free ~June-October
- Highly visible site that is prone to public/political scrutiny
- Public Health and Safety is a priority throughout the project – must maintain a secure site and contain any exposure to hazardous materials/conditions



Contracting/Bidding/Billing Process

- Delivery of Bids – Calgary (2018-02-12 14:00 MST)
- Two Envelope Approach
- Bid Security
- Lump Sum + Unit Price Approach



Questions ?