Parks Canada

Environmental Impact Analysis (EIA) Record of Decision

Project Title: **Rogers Pass Snowshed Lighting High and Low Voltage Distribution Systems**

Project File #: MRG2014-05

Proponent Contact Information: Ryan Syme - 403.760.1334

Proposed Start and Completion Dates: 2014-06-20 - 2017-10-31

Date of Request: April 13, 2015 (update to 2014 project scope)

Project Description: Snowshed Lighting and a High and Low Voltage Distribution System will be installed from approximately the Rogers Pass Maintenance Yard intersection at the TCH to the eastern end of the Tupper Timber snowshed. The Project is being considered as safety maintenance and upgrades of the current lighting within the Rogers Pass snowsheds which currently does not exist for three of the five snowsheds. The snowsheds will be upgraded with high efficiency LED lighting thereby requiring less power than conventional lighting.

In early 2015, an additional component to the work scope was proposed. This included the replacement of the feeder cables which are currently buried along the eastbound shoulder of the TCH from the Roger's Pass Maintenance Yard to the east end of the Single Bench snowshed. This will require the excavation and replacement of feeder cable for approximately 2.9 km along the TCH east bound shoulder.

EIA Requirement - Record decision

The form of EIA required for the proposed project is:

- ☐ Use of an approved alternate process
- ☐ Use of approved Best Management Practices (BMPs)
- ☒ Basic Impact Analysis
- ☐ Detailed Impact Analysis (*note FUS signature required in Section D if this option is checked*)

Considerations

Mitigations for this project are outlined in the Basic Impact Assessment (Tetra Tech EBA, April 2015) and will be included in the Environmental Protection Plan provided by the contractor as a requirement of the Contract Tender Specifications. Included with this Decision Record are guidelines for excavations occurring in Rogers Pass where in-ground contamination is expected. In addition, there exists and extensive network of ground water monitoring wells. The recommended set-back from monitoring wells is a minimum of 5-meters, any damage incurred to these wells will be brought to the attention of the Project Manager. Notice of project commencement should be sent to the EIA coordinator 1-2 weeks in advance so that an environmental site briefing will be scheduled.

This Decision Record is valid for 2015 only - This project is scheduled to be completed in 2017, the Project Coordinator (HSC) will be required to submit updated work plans and/or confirm no changes in scope of work. Upon receipt of these updates, a new Decision Record will be issued and amendments made to the existing Impact Assessment if required.

Recommended By:
Danielle Backman, EIA coordinator Mt Revelstoke & Glacier National Parks Signature Date: April 15/15
Signature
Bruno Delesalle, Resource Conservation Manager Signature: Date: April 21, 2015

Parks Canada Parcs Canada

MRG National Park – Contaminated Soils Guide June 2012

RE: Routine repairs or minor construction works in the Roger's Pass Maintenance Compound and area to the west.

AU: D.Backman, A/Conservation Biologist

The presence of in-ground contamination in the Rogers Pass area has been well-documented through various reports over the last 15 – 20 years. National Parks are guided under several Acts[1], Regulations[2] and Management Directives[3] to report areas of known contamination and to employ a risk-management approach when contamination is encountered.

In areas where contaminated soils are identified during construction activities the area must be managed for human and ecological health risks (i.e. type of contaminate, infrastructure present i.e. waterlines, aquatic life, burrowing small mammals, etc.). This may include **collecting soil samples** to submit to a lab, **additional excavations** to attempt delineation and/or **consultation with contaminated sites risk management specialists.**

In some situations, it may be appropriate to leave contaminated soil in-situ instead of removing the contamination and replacing it with clean fill. In situations where soils suspected of contamination are left in-ground, the **top 50cm must be capped with clean fill and/or capped with asphalt or another type of impermeable layer.**

All contracts that involve any earth works should maintain a contingency plan to excavate and remove contaminated soils off-site to a treatment facility (Class B estimate $750/m^3 soil). Ground excavations in the Rogers Pass area should involve the Resource Conservation department during the planning phases to ensure that historical site history is shared and areas with a high likelihood of in-ground contamination are identified.

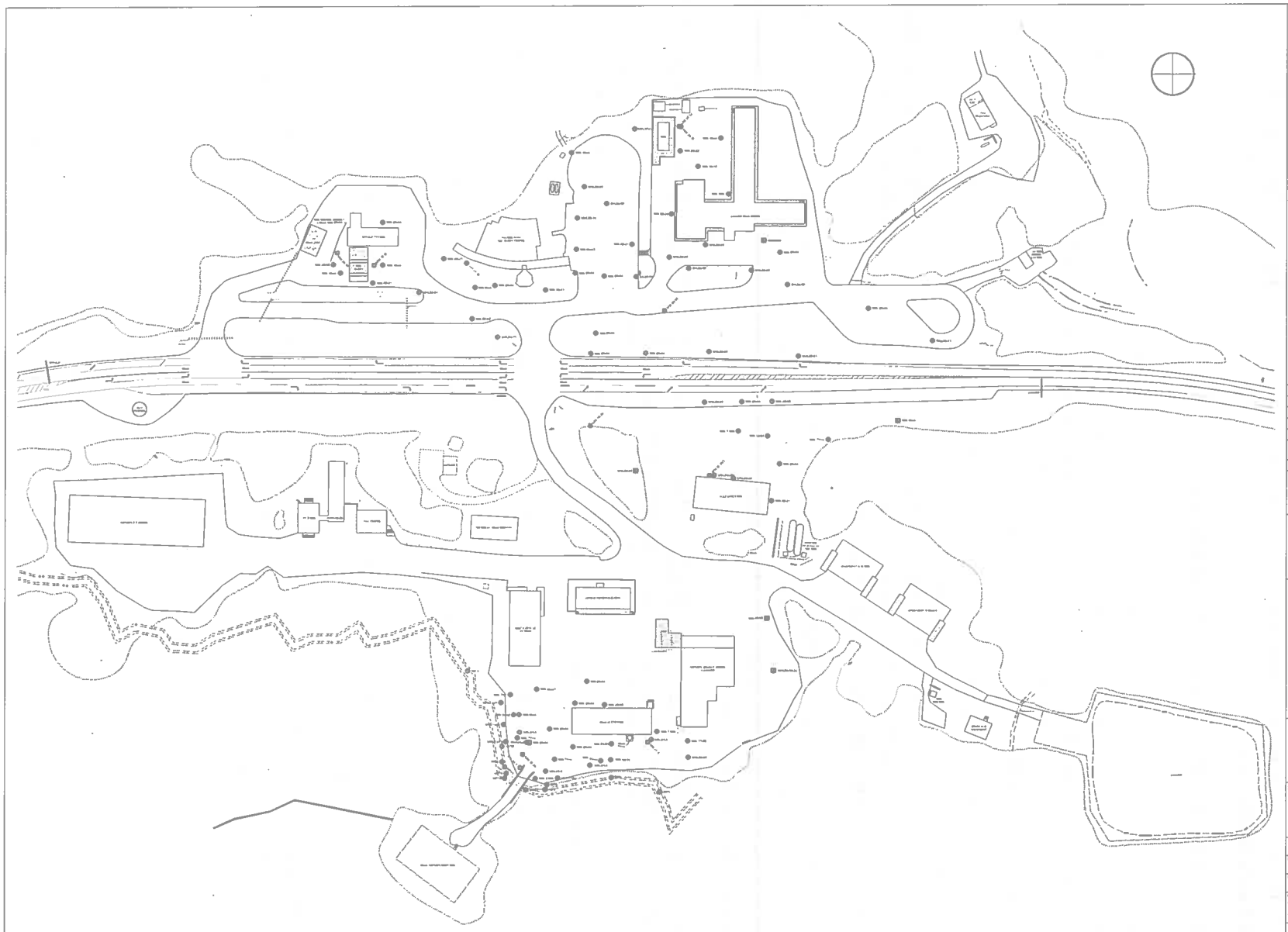
When contaminated soils are discovered during any in-ground works associated with maintenance activities or new construction, the recommended actions include:

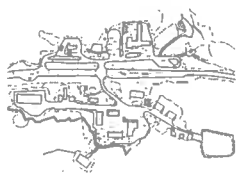
- Evaluate the type or suspected type of contamination (i.e. does it smell like diesel? What color is the soil staining?);
- Attempt to determine if there is a known or suspected source of contamination up-gradient/up-slope;
- Record the location (GPS if possible), depth to suspected contamination, horizontal extent of contamination (i.e. is only a small spot? Are the soils stained on both sides of the trench? Only one side?)
- Report the information to Resource Conservation

[1] *Environmental Management Act [SBC 2003] ch53*

[2] *BC Contaminated Sites Regulation B.C. Reg. 375/96, Civil Law*

[3] *Parks Canada Agency Directive 2.4.2, Mt Revelstoke & Glacier national parks 2010 Management Plan*





LEGEND

MONITORING WELL - ACTIVE ⊕ MW.00-00

MONITORING WELL - DEMO ⊕ MW.00-00

MONITORING WELL - NOT FOUND ⊕ MW.00-00

No.	Date	Description	Drawn by Dessiné par	Approved Approuvé
1	11-15-2011	UPDATED - 2011_2011 WELLS	DH-AJ	
0	06-22-2011	UPDATED - GOLDER DATA 2010	D. ROSS	

Revision / Révision

A detail number numéro de detail

B source drawing no. de dessin no.

C detail or drawing no. detail ou dessin no.

A/C

A/B/C

Consultant's Name
Nom de l'expert-conseil

Eng. Stamp
Sceau de l'ingénieur

Parks Canada Agency

L'Agence Parcs Canada

Mount Revelstoke and Glacier National Parks

Parcs Nationaux du Canada Mont Revelstoke et des Glaciers

Project title/Titre du projet

ROGERS PASS MONITORING WELL & BORE HOLE LOCATIONS

Drawing title/Titre du dessin

SUMMIT COMPOUND OVERVIEW

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	D. ROSS	06.22.2011
Designed by/Conçu par	Reviewed by/Revisé par	Scale/Échelle
		1:1000

Parks Canada Project Officer/Officier de Projets Parcs Canada

Contractor Acceptance
Acceptation de l'entrepreneur

Prepared by
Preuve par

Project No. No. de projet	Agent No./No. de dossier	Sheet No. No. de la feuille
		1/1

Drawing Reference No./No. de référence du dessin