

Commercial Clean Fill Disposal at Marmot Pit

Document Version 5.0

Please note this is an interim approval process and may change at any time

Introduction

Parks Canada Agency (PCA) is opening Marmot Pit as a commercial clean fill disposal location for third party contractors operating in Jasper National Park.

This document outlines a **Five Step Process** and requirements contractors must follow prior to disposing clean fill at the Marmot Pit.

Step 1: Check what is included in Clean Fill

Acceptable	Not Acceptable
<ul style="list-style-type: none"> <input type="checkbox"/> Native topsoil and vegetation <input type="checkbox"/> Landscaped vegetation and topsoil – to be kept separate from native topsoil and vegetation <input type="checkbox"/> Overburden (fine grain materials consisting of silt, clay and sand) <input type="checkbox"/> Aggregate (large grain materials consisting of gravels, cobbles, rocks and boulders) 	<ul style="list-style-type: none"> <input type="checkbox"/> Fill containing any debris <input type="checkbox"/> Fill from areas where provincially listed noxious weeds or weeds restricted by Parks Canada have been identified or are suspected <input type="checkbox"/> Woody vegetation such as tree trunks, roots, branches and twigs <input type="checkbox"/> Asphalt concrete pavement (ACP) and reject materials <input type="checkbox"/> Building and construction materials <input type="checkbox"/> Reclaimed asphalt pavement (RAP) <input type="checkbox"/> Municipal waste, garbage <input type="checkbox"/> Concrete, concrete barriers etc. <input type="checkbox"/> Liquid waste or saturated material
<p>Loads containing ANY unacceptable material are NOT considered clean fill and will not be accepted in Marmot Pit</p>	

Notes:

- 1) Only clean fill from **within Jasper National Park, or authorized alternative** will be accepted at Marmot Pit. For haul from outside of Jasper National Park, Contractors will need to provide justification to the ESO.
- 2) Clean fill may not be accepted immediately after a rainfall, at Parks Canada's discretion.
- 3) Material approval is under sole discretion of Parks Canada

Step 2: Submit a Clean Fill Disposal Form*

The contractor is responsible for obtaining PCA approval prior to hauling any material to the Marmot Pit. Requests for approval must include all supporting Phase II ESA reports, if applicable.

The request for approval must be submitted at least **14 days** prior to commencing hauling to allow for PCA submission review and processing timelines.

[Submit Clean Fill Disposal Form \(Annex A\)](#)

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Step 3: Conduct Phase I and/or Phase II Environmental Site Assessment

Phase I Environmental Site Assessment (ESA)

Phase I ESA will be required at all project lands in Jasper National Park that have been identified as a source of Clean Fill. Phase I ESA to be performed by a [PCA Environmental Surveillance Officer](#) that will provide recommendations whether further investigation is required (Phase II ESA) or if fill meets Marmot Pit disposal requirements. Soil analysis will be provided and paid by the contractor if required by Parks Canada.

Phase II Environmental Site Assessment (ESA)

Phase II ESA will be required at project lands in which Phase I ESA reveals potential sources of contamination and requires intrusive surface and subsurface soil sampling. Discrete grab samples, not composite, are required for site characterization. Phase II ESA to be performed by a [Qualified Professional](#) that will produce a final report identifying contamination location, type, levels, and comparison of the results to the appropriate criteria with recommendation if material meets the Marmot Pit disposal requirements.

Fill materials exceeding [CCME and CWS Guidelines for Agricultural Land Use](#) will not be accepted in the Marmot Pit.

See [Annex B – Environmental Requirements](#) for more information

Step 4: Pay Applicable Fee

At this time and until further notice, disposal of clean fill material in the Marmot Pit is free of charge.

Step 5: Dispose Clean Fill at Marmot Pit

Marmot Pit Interim Operational Hours

April 22, 2024 – November 8, 2024 Monday to Friday from 9:00 am to 3:00 pm BY SCHEDULED APPOINTMENT ONLY, minimum 3 days prior to hauling. To schedule dates for disposal please call 873-355-0719 or e-mail <mailto:gestiondesbienspnj-assetmgmtjnp@pc.gc.ca>

No dumping activities in the Marmot Pit will be allowed on weekends, Civic or Statutory Holidays or outside of the operational hours.

Visual Inspection Requirements

[The Contractor Representative](#) must visually inspect every load to ensure that materials being imported to the Marmot Pit are consistent in texture and appearance to the approved material.

Proof of Disposal Permit must be presented for **each** load and each driver must be able to provide, to the PCA Representative, a description of what material they are hauling for verification. Each load will be inspected by the on-site PCA Representative and if approved, the driver will be directed to an area for disposal. No dumping activities will be permitted in the Marmot Pit immediately after rain events

PCA Rights and Reservations

- 1) At any time, PCA Representative may complete soil sampling and or visual inspection at the source location, Marmot Pit, or during material hauling.
- 2) Any material not meeting the requirements outlined in this document or deemed unsuitable by PCA's representative will be rejected.
- 3) Any material deposited within the Marmot Pit, which does not meet the suitability requirements shall be removed from the Pit at the sole expense of the Contractor.
- 4) PCA reserves the right to change fee rates at any time.
- 5) PCA reserves the right to change the outlined process and requirements at any time.
- 6) **PCA reserves the right to prohibit the Contractor for an unlimited period of time for the use of Marmot Pit, if in the opinion of PCA, Contractor did not follow prescribed processes and requirements for disposal of Clean Fill in Marmot Pit and/or fails to remove deposited material that is deemed unsuitable.**

Annex A

Marmot Pit Clean Fill Disposal Form

Submit form to: <mailto:pc.jasperenvironmental-environnementjasper.pc@canada.ca>

Received date (office use only):

SECTION A* (filled in by an applicant)

Project Title			
Building/Development permit number			
Proposed Start Date			
Leaseholder Name/ Contact Info			
Company Responsible for the Site			
Volume of Material			
Original location of the Clean Fill			
Contractor			
Contractor's Representative	Full Name:		
	Phone Number:		
	Email Address:		
Additional Details (clean fill type, estimated number of truck loads per each type of material etc.)	<input type="checkbox"/> Aggregate	<input type="checkbox"/> Fines (<4.75mm)	<input type="checkbox"/> Native Topsoil

**Incomplete requests cannot be processed*

SECTION B (office use only)

PCA Reviewer	Name	Signature and date
Approval	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved
PCA Permit Number		

Annex B - Environmental Requirements

Regulatory Framework

The Canadian Council of Ministers of the Environment (CCME) Canadian Soil Quality Guidelines for the Protection of Environment and Human Health and the Canada-Wide Standards (CWS) for Petroleum Hydrocarbons in Soil apply to the Marmot Pit.

Analytical parameters must be compared to Agricultural Land Use. All material approved as Clean Fill must meet the CCME and CWS Guidelines for all applicable parameters.

Contractor Representative

The contractor will identify an individual to be the on-site Contractor Representative to maintain environmental controls and address any environmental issues or questions that may arise. These individuals must be identified on any disposal applications, forms, manifests, tracking logs, and/or reports.

Qualified Professionals (QP)

Any environmental site inspection and testing by the contractor must be directed, monitored, and documented by **qualified professionals (QP) who:**

- Are members in good standing of one of the following professional regulatory organizations: Alberta Institute of Agrologists (AIA), Alberta Society of Professional Biologists (ASPB), Association of the Chemical Profession of Alberta (ACPA), Association of Professional Engineers and Geoscientists of Alberta (APEGA), Association of Science and Engineering Technology Professionals of Alberta (ASET),
- Have a minimum of 5 years' relevant experience in Environmental Site Assessments
- Are covered under professional liability (errors and omissions) insurance
- Have a business license with Jasper National Park.

Soil Sampling

If any portion of a site is deemed to be contaminated, all material shall be subject to testing at a rate of one sample every 500 m³ or as directed by PCA. Sample results will be provided to Parks Canada prior to load delivery. Material from potentially contaminated sites will not be accepted prior to soil testing results being made available to Parks Canada.

At any time, Parks Canada reserves the right to request additional testing to be completed on material based on previous land use or should visual monitoring indicate a change in fill texture, odour, colour, or appearance. This additional testing will be undertaken at the sole cost and expense of the Contractor.