



Englobe

Soils Materials Environment

CAM-C Site Remediation Matheson Point, Nunavut (Ref.: EW699-172531)

Reclamation Plan

Date: May 2018

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1 INTRODUCTION

For the CAM-C Matheson Point Remediation Project, Englobe has mobilized to site a variety of equipment and supplies to perform the work and will construct new infrastructure to facilitate the work. This plan will detail the items mobilized to site, the infrastructure to be constructed to complete the work and how these items will be ultimately removed from the site upon project completion. Englobe verifies that all items mobilized to site by Englobe will be removed upon completion of the field work aspect of the project in the fall of 2018.

2 ITEMS MOBILIZED TO CAM-C BY ENGLOBE CORP.

In the fall of 2017, Englobe mobilized equipment a camp, supplies, fuel and heavy machinery to site to perform and facilitate remediation work. These items were mobilized from Montreal via sealift. More specifically Heavy machinery is listed in Appendix A – Equipment List. In addition to items described in Appendix A, 17 containers of supplies, 65 600 L of fuel and a 24-person camp facility.

3 INFRASTRUCTURE CONSTRUCTED TO FACILITATE THE PROJECT.

The CAM-C site has pre-existing intact infrastructure including a complete road system as well as an airstrip. New infrastructure constructed for the remediation project will include two sewage lagoons, small borrow access roads, a temporary storage area to store wastes prior to shipment south, a material processing area and a fuel storage area. These infrastructure items will be constructed with borrow sourced onsite and removed/reshaped prior to departing from site, restore the natural contours of the area.

4 DEMOBILIZATION/RECLAMATION PROCEDURES

Final demobilization from the CAM-C site is scheduled to take place in the fall of 2018. The equipment, camp, remediation supplies, empty fuel drums, and all waste resulting from the remediation work will be demobilized by NEAS via sealift. Final demobilization will begin following receipt of the Certificate of Completion from the DR, once all site work is complete, and after the site has been inspected by government representatives for the project. Over the two weeks leading up to the sealift arrival, the work crew will be gradually reduced on an as-needed basis, depending on the work left to complete. The Site EMT will stay until the end of the project. Once the crew is small enough, the main camp will be fully dismantled and the crew will move to the smaller survival camp. A plane will be held on site, on standby, to

demobilize site employees involved in demobilization activities after all work is complete. This last small crew will demobilize once the last load has been placed on the sealift and the beach area reshaped as necessary.

The demobilization process consists of the following:

- ▶ Work areas will be assessed and cleaned.
- ▶ Permission to use staging areas near the beach will be obtained from the DR.
- ▶ Temporary infrastructures placed on site for the undertaking of remediation work (i.e., any new accommodation facilities, temporary fuel/hazardous material storage tanks and the treatment facility) will be removed from the site.
- ▶ Pipelines and hoses will be emptied and removed from the site.
- ▶ Remaining camp wastes will be incinerated or packaged for off-site disposal.
- ▶ Site infrastructure will be decommissioned and the site reshaped to match natural site contours and will be shaped to provide a positive drainage where applicable (those built by Englobe)
- ▶ Equipment and material associated with the contractor's work will be removed from the site.
- ▶ NEAS will transport all Englobe-owned equipment, camp, and supplies as well as all waste resulting from the project to the Port of Valleyfield, Quebec. The shipment will be met by the Englobe CAM-C Site Foreman and Hazardous Waste Specialist who will then oversee the shipment of the various cargoes to their final destination.
- ▶ Englobe's Foreman and Hazardous Waste Specialist are both certified in OSHA Hazwoper and in the Transport of Dangerous Goods as per Transport Canada's TDG Regulations.
- ▶ Once granular material production is finished and upon approval from the DR, the BA decommissioning will be carried out with a bulldozer, which will reshape the BA to fit the local topography and prevent standing water through positive drainage. Slopes on the sides of the BA will be 5:1 maximum and organic material previously removed will be replaced.

Appendix A Equipment list



Construction Equipment List

CAM-C Matheson Point Remediation Project

# of unit	Vehicle Type	Brand	Model	Year
1	Camp generator	Kohler	180REOZJC	2010
1	Excavator	Komatsu	PC200LC8	2008
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1	Dozer	Caterpillar	D6RXW	2005
1	Loader	Volvo	L-120E	2004
1	Compactor	Bomag	BW213-D	
1	Off road truck	Volvo	A25C	2000
1	Dump truck	Freightliner	FL80	1999
1	Pickup truck	Chevrolet	Silverado	2015
1	Pickup truck	Ford	F350XL	2004
1	Pickup truck	Ford	F350XL	2005
1	Pickup truck	Ford	F350XL	2004
1	Mule	Kubota	RTV900	
1	ATV (Quad)	Honda	TRX420	2017
1	ATV (Quad)	Honda	TRX420	2017
1	Tower Light	Multi Quip	DA-700055	2003
1	Trailer	Pronovost	P524	2005
1	Trailer	Rediline	Fardier	
1	Pressure Washer	Unimanix	ARI-3040GDC	2008
1	Incinerator	Eco-Concept		2005