

June 14, 2021

Parks Canada Agency
Project Delivery Services (East) | Strategic Policy and Investment Directorate
630-105 McGill Street
Montreal, QC H2Y 2E7

Subject: **Hazardous Materials Specifications** – Georges Island National Historic Site, Halifax, NS
Our ref.: 2000155.000

Further to our recent reports, *Phase II Environmental Site Assessment*, *Indoor Air Quality Assessment and Hazardous Materials Survey Report*, dated May 15, 2020, and the *Hazardous Designated Substances Report*, dated February 5, 2021. We are pleased to present the attached final specifications related to the identified hazardous materials:

- 🔍 Hazardous Designated Substances Report: Section 02 61 33
- 🔍 Asbestos Abatement – Minimum Precautions: Section 02 82 10
- 🔍 Lead Based Paint Abatement – Minimum Precautions: Section 02 83 10
- 🔍 Lead Based Paint Abatement – Intermediate Precautions: Section 02 83 11
- 🔍 Precautions for Mould Removal: Section 02 87 13.13
- 🔍 Site Remediation – Section 02 50 00

The first document outlines the abatement activities that should, in our opinion, be undertaken; namely, abatement of all asbestos containing caulking, abatement of all paint that is in poor condition, and abatement of all visible mould. One level of precaution is provided for the asbestos containing caulking. The level of precaution to be taken for the paint depends on the method of removal employed by the contractor, and the level of precaution to be followed for the mould depends on the size (area) of the mould in any given location.

In addition to these minimum requirements, we want to point out that other painted areas (not currently in poor condition) also contain high levels of metals such as lead and/or mercury. Therefore, if renovations involve sanding, scraping and repainting these areas, or if their conditions worsen over time, precautions must also be taken in those areas.

Similarly, mould conditions change over time. In addition to these precautions for mould removal, as noted in our *Report*, repairs may be needed to correct any water entry problems, good ventilation is recommended when the spaces are occupied (i.e., leaving doors and windows open to the extent possible), and mould be need to be reassessed prior to the opening of each visitor season.

Finally, the Site Remediation specification is in draft format only. This document relates to the planned temporary encapsulation of the impacted soil surface in the guardroom and jail cells beneath a clean barrier. The intent of the draft specification is to outline the materials and methodology for placing a clean 'vapour barrier' over the soil; Parks Canada Agency has yet to determine the preferred finished floor specifications.

We trust this meets your present requirements.

Yours truly,
Englobe Corp.



Doreen Chenard, B.Sc. in Agr.
Team Leader, Environmental Engineering

Enclosures