



VIA EMAIL

Victoria File: 26250-20/10026/26011
Site ID: 10026/26011

November 21, 2023

Attn. Jon Stovell
1955 East Hastings Holdings Ltd. and 1150985 BC Ltd.
305-111 Water Street
Vancouver, BC, V6B 1A7
jons@relianceproperties.ca

Dear Jon Stovell:

**Re: Approval in Principle – 1943, 1955, 1967-1991 East Hastings Street,
Vancouver, BC**

Please find enclosed an Approval in Principle respecting the contaminated site referenced above.

In addition to the conditions set out in Schedule B of the Approval in Principle, please be advised of the following:

1. Information about the site will be included in the Site Registry established under the *Environmental Management Act*.
2. The provisions of this Approval in Principle are without prejudice to the right of the Director to make orders or impose requirements as the Director may deem necessary in accordance with applicable laws. Nothing in this Approval in Principle will restrict or impair the Director's powers in this regard.
3. A qualified environmental consultant should be available to identify, characterize and appropriately manage:
 - (a) any environmental media that may be contaminated, or
 - (b) removal of soil under the provisions of Part 8 of the Contaminated Sites Regulation and may be encountered during any future work at the site.

4. This Approval in Principle does not authorize entry upon, crossing over, or use for any purpose of private or Crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority rests with the persons undertaking remediation. It is also the responsibility of those persons to ensure that all activities conducted under this Approval in Principle are carried out with due regard to the rights of third parties, and comply with other applicable legislation that may be in force.
5. Additional permits and approvals may be required before remediation begins.
6. All site materials (e.g., excavated soil, replaced soil, groundwater from dewatering, pumping, well development etc.) must be characterized and managed in accordance with applicable legislation and ministry guidance.
7. Groundwater wells that are no longer required must be properly decommissioned in accordance with the *Water Sustainability Act's* Groundwater Protection Regulation.
8. Please be advised that there are inherent health and safety risks associated with remediation activities at contaminated sites. Development of site-specific work procedures in accordance with WorkSafeBC regulations is warranted. Please direct related questions to the WorkSafeBC office at 604-276-3100 (Lower Mainland only) or 1-888-621-7233 (toll free in B.C.).
9. Any substantial modifications to the approved remediation plan, including substantial changes to the remediation schedule, or changes in land use, must be promptly identified by written submission to the Director.
10. If an application for a Certificate of Compliance is to be submitted for the site, the confirmation of remediation report accompanying the application must demonstrate compliance with the remediation standards and criteria in force at the time the application for the Certificate is made, which may differ from the remediation standards and criteria in force at the time of issuance of this Approval in Principle.

Issuance of this Approval in Principle is a decision that may be appealed under Part 8 of the *Environmental Management Act*.

If you require clarification of any aspect of this Approval in Principle, please contact the undersigned at site@gov.bc.ca.

Yours truly,



Annette Mortensen, Ph.D., P.Eng
Senior Contaminated Sites Officer

Enclosure

cc: City of Vancouver
contaminated.sites@vancouver.ca

Client Information Officer, ENV, Victoria
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Michael Geraghty, Approved Professional, Keystone Environmental Ltd.
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Michael McLeay, Approved Professional, Keystone Environmental Ltd.
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APPROVAL IN PRINCIPLE
(Pursuant to Section 53 of the *Environmental Management Act*)

THIS IS TO CERTIFY that the remediation plan described herein submitted by Reliance Properties Ltd. for the contaminated site identified in Schedule A of this document has been approved.

When implemented, the remediation plan must be implemented in accordance with the requirements and conditions specified in Schedule B.


The substances for which remediation will be conducted and for which this Approval in Principle is valid are specified in Schedule C.

I have issued this Approval in Principle based on a review of the documents listed in Schedule D. I, however, make no representation or warranty as to the accuracy or completeness of that information.

A Director may rescind this Approval in Principle if conditions imposed in the Approval in Principle are not complied with or any fees payable under Part 4 of the Act or regulations are outstanding.

This Approval in Principle should not be construed as an assurance that there are no hazards present at the site.

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A. Mortensen
For Director, *Environmental Management Act*

Schedule A

Part 1: Source Site:

The site covered by this Approval in Principle is located at 1943, 1955, 1967-1991 East Hastings Street, Vancouver, BC which is more particularly known and described as:

Lot 13 Except the North 10 Feet Now Lane, Block 38, District Lot 184 Plan 178
PID: 005-411-530, Civic address: 1943 East Hastings Street, Vancouver, BC

Lot 12, Except the North 10 Feet Now Lane, Block 38 District Lot 184 Plan 178
PID: 015-679-454, Civic address: 1955 East Hastings Street, Vancouver, BC

Lot H Block 38 District Lot 184 Plan 20337
PID: 002-469-898, Civic address: 1967-1991 East Hastings Street, Vancouver, BC

Part 2: Off-Site Roadway:

The site contains part of a legal parcel depicted in an engineering drawing prepared by Keystone Environmental Ltd. on May 2, 2023.


Metes and Bounds: Starting at the Southeast Corner of Lot H Lot H Block 38 District Lot 184 Plan 20337:

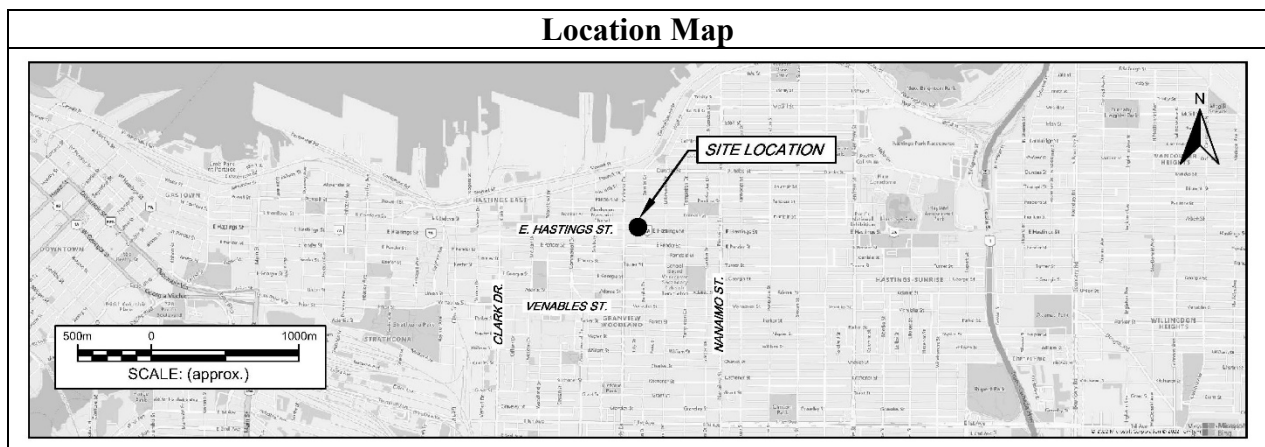
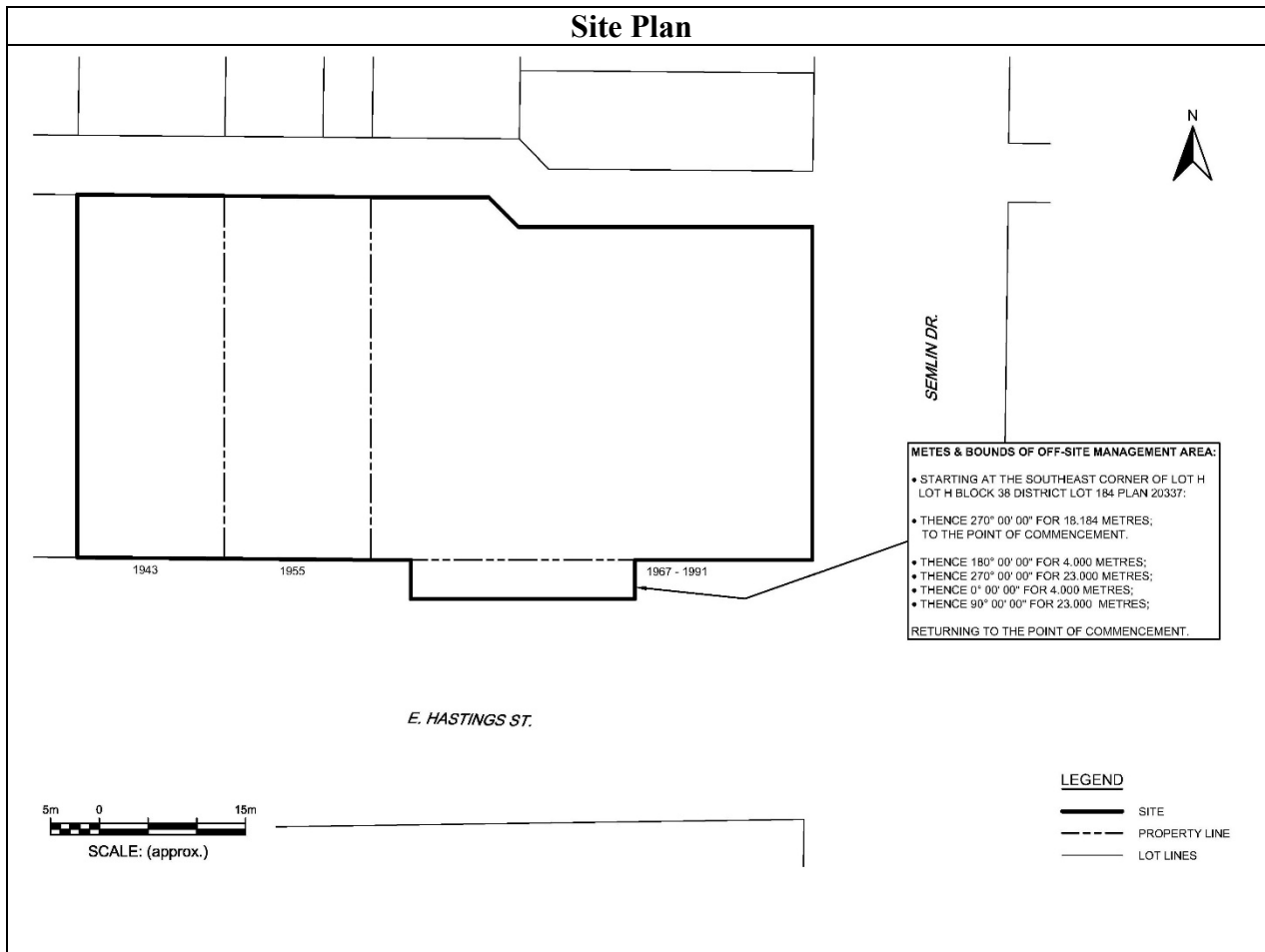
- Thence 270° 00' 00" for 18.184 metres;
To the Point of Commencement.
 - Thence 180° 00' 00" for 4.000 metres;
 - Thence 270° 00' 00" for 23.000 metres;
 - Thence 0° 00' 00" for 4.000 metres;
 - Thence 90° 00' 00" for 23.000 metres;
- Returning to the Point of Commencement.

The approximate centre of the site using the NAD (North American Datum) 1983 convention is:

Latitude: 49° 16' 53.30"
Longitude: 123° 3' 51.50"

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Schedule B

Requirements and Conditions

1. Remediation, including monitoring, inspections and maintenance of any works, must be undertaken by the responsible person in the manner and schedule specified in the plan listed in Schedule D or as specified in a modification of the plan approved by the Director.
2. Any substantial modifications to the approved remediation plan, including substantial changes to the remediation schedule, conditions or circumstances described in the risk assessment upon which the remediation plan is based, or changes in land, vapour, water, or sediment use, must be promptly identified in a written submission by the responsible person to the Director. An application for an amendment or new Approval in Principle may be necessary.
3. Up-to-date records of monitoring, inspections, and maintenance of any works must be maintained by the responsible person or their agent. The records must be available for inspection by the Director.
4. Remediation must be completed within five years of the date of issuance of this Approval in Principle.
5. Remediation must be confirmed in accordance with applicable legislation and ministry guidance. Within 90 days of completing remediation, a report summarizing confirmation of remediation must be prepared in accordance with section 49 (2) of the Contaminated Sites Regulation and submitted to the Director.
6. A statement signed by an Approved Professional must be submitted to the Director annually within 90 days of the anniversary of the date of issuance of this Approval in Principle. The statement must include the following:
 - (a) A summary of remedial activities undertaken during the reporting period; and
 - (b) An assessment comparing remediation progress to the actions and schedule set out in the plans referenced above. Refer to Condition 3 above if remedial progress differs substantially from the schedule set out in the approved plan.

If requested by the Director, a report signed by an Approved Professional must be submitted for review to the Director and must include the following:

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- (a) A summary of remedial activities undertaken to date;
 - (b) An assessment comparing remediation progress to the actions and schedule set out in the plans referenced above. Refer to Condition 3 above if remedial progress differs substantially from the schedule set out in the approved plan;
 - (c) Supporting documentation (e.g., analytical reports, records of inspection, maintenance of treatment works, etc.).
7. The documents listed in Schedule D indicate that vapour attenuation factors were applied to meet Contaminated Sites Regulation risk-based standards at and adjacent to the site. These vapour attenuation factors were selected based on assumptions about the structures, locations, and depths of buildings existing or expected at and adjacent to the site. These assumptions include the following:

(a) Buildings on-site will have commercial at grade with a parkade of any depth.

Any inconsistencies that arise between the structures, locations and depths of proposed or constructed buildings at or adjacent to the site and the range of structures, locations and depths of buildings assumed in the selection of vapour attenuation factors in the documents listed in Schedule D must be promptly identified by the responsible person in a written submission to the Director. An application for an amendment or new Approval in Principle may be necessary.

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Schedule C

Substances and Uses

Part 1: Source Site:

Substances to be remediated in soil for commercial land soil use:

To meet risk-based remediation standards:

benzene	(71-43-2)
ethylbenzene	(100-41-4)
methanol	(67-56-1)
toluene	(108-88-3)
xylenes	(1330-20-7)
VPHs	(N/A)
zinc	(7440-66-6)

Substances to be remediated in vapour for parkade vapour use:

To meet risk-based remediation standards:

benzene	(71-43-2)
butadiene, 1,3-	(106-99-0)
dibromoethane, 1,2-	(106-93-4)
dichloropropene, 1,3- (trans)	(542-75-6)
ethylbenzene	(100-41-4)
methylcyclohexane	(108-87-2)
trimethylbenzene, 1,2,4-	(95-63-6)
trimethylbenzene, 1,3,5-	(108-67-8)
VPHv	(N/A)
xylenes	(1330-20-7)

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Substances to be remediated in water for drinking water use:

To meet risk-based remediation standards:

arsenic	(7440-38-2)
benzene	(71-43-2)
cobalt	(7440-48-4)
ethylbenzene	(100-41-4)
methylnaphthalene, 1-	(90-12-0)
methylnaphthalene, 2-	(91-57-6)
trimethylbenzene, 1,3,5-	(108-67-8)
tetraethyl lead	(78-00-2)
toluene	(108-88-3)
xylenes	(1330-20-7)


Part 2: Off-Site Roadway:

Substances to be remediated in vapour for industrial land vapour use:

To meet risk-based remediation standards:

benzene	(71-43-2)
xylenes	(1330-20-7)

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Schedule D

Documents

Summary of Site Condition, 1943, 1955, 1967-1991 East Hastings Street, Vancouver, BC, Keystone Environmental Ltd., September 2023;

Report of Findings – Human Health and Ecological Risk Assessment, 1943, 1955, and 1967 – 1991 East Hastings Street, Vancouver, BC. Keystone Environmental. September 18, 2023;

Report of Findings – Stage 1 and Stage 2 Preliminary Site Investigation, Detailed Site Investigation, and Remediation Plan, 1943, 1955, and 1967 – 1991 East Hastings Street, Vancouver, BC. Keystone Environmental. September 18, 2023;

Re: Request for Review of an Approval in Principle for a High-Risk Site by an Approved Professional. BC ENV, December 2022.

Report of Findings – Phase I Environmental Site Assessment, 1955 – 1967 East Hastings Street, Vancouver, BC. Keystone Environmental. December 2017;

Phase 2 Environmental Site Investigation, 1943 East Hastings Street, Vancouver, BC. Pottinger Gaherty Environmental Consultants Ltd., May 2014;

Phase I Environmental Site Investigation, 1943 East Hastings Street, Vancouver, BC, Pottinger Gaherty Environmental Consultants Ltd., May 2014;


Environmental Stage I Preliminary Site Investigation, 1955 East Hastings Street, Vancouver, BC, Next Environmental Inc., March 2011;

Underground Storage Tank (UST) Investigation, 1967-1991 East Hastings Street, Vancouver, BC, Pottinger Gaherty Environmental Consultants Ltd., July 2006;

Phase 2 Soil and Groundwater Investigation, 1967–1991 East Hastings Street, Vancouver, BC, Pottinger Gaherty Environmental Consultants Ltd., June 2006; and

Phase I Environmental Site Assessment, 1967 – 1991 East Hastings Street, Vancouver, BC. Pottinger Gaherty Environmental Consultants Ltd., June 2006.

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