



VIA EMAIL: bfinley@wesbild.com

Victoria File: 26250-20/0075
Regional File: 26250-20/0462
Site ID: 0086

October 13, 2021

Brennan Finley
SW Marine Development Ltd., Inc.No. BC1216020
c/o Wesbild Holdings Ltd.
Suite 2600 Royal Centre
1055 West Georgia Street
PO Box 11120, Vancouver, BC V6E 3P3

Dear Mr. Brennan Finley:

Re: Approval in Principle – 8188 and 8232 Manitoba Street, Vancouver, British Columbia

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) soil which may exceed the standards triggering a Soil Relocation Agreement set out in Part 8 of the Contaminated Sites Regulationand may be encountered during any future subsurface 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 George.Szefer@gov.bc.ca.

Yours truly,



George Szefer, M.Eng., P.Eng.
Senior Contaminated Sites Officer

Enclosure

cc: Mr. Christian Iaco, Environmental Protection Branch, City of Vancouver
507 West Broadway, Vancouver, BC, V5Y 1R3
nicole.montgomery@vancouver.ca

Brad Black, HSBC Bank Canada.
600 - 885 West Georgia, Street, Vancouver, BC V6C 3E9
Brad_black@hsbc.com

CSAP Society
apopova@csapsociety.bc.ca

Michael Geraghty, Approved Professional, Keystone Environmental Ltd.
320 - 4400 Dominion Street, Burnaby, BC, V5G 4G3
mgeraghty@keystoneenvironmental.ca

Site Information Advisor, ENV Advisor.SiteInformation@gov.bc.ca



APPROVAL IN PRINCIPLE
(Pursuant to Section 53 of the *Environmental Management Act*)

THIS IS TO CERTIFY that the remediation plan described herein submitted by SW Marine Development Ltd., Inc.No. BC1216020 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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Signing Authority
For Director, *Environmental Management Act*

Schedule A

The site covered by this Approval in Principle is located at 8188 and 8232 Manitoba Street, Vancouver, British Columbia which is more particularly known and described as:

Lot 3 Block A South West Part of District Lot 322 Plan 12298
8188 Manitoba Street, Vancouver
PID: 008-913-170

Lot C South West Part of District Lot 322 Plan 12298
8232 Manitoba Street, Vancouver
PID: 009-223-151

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

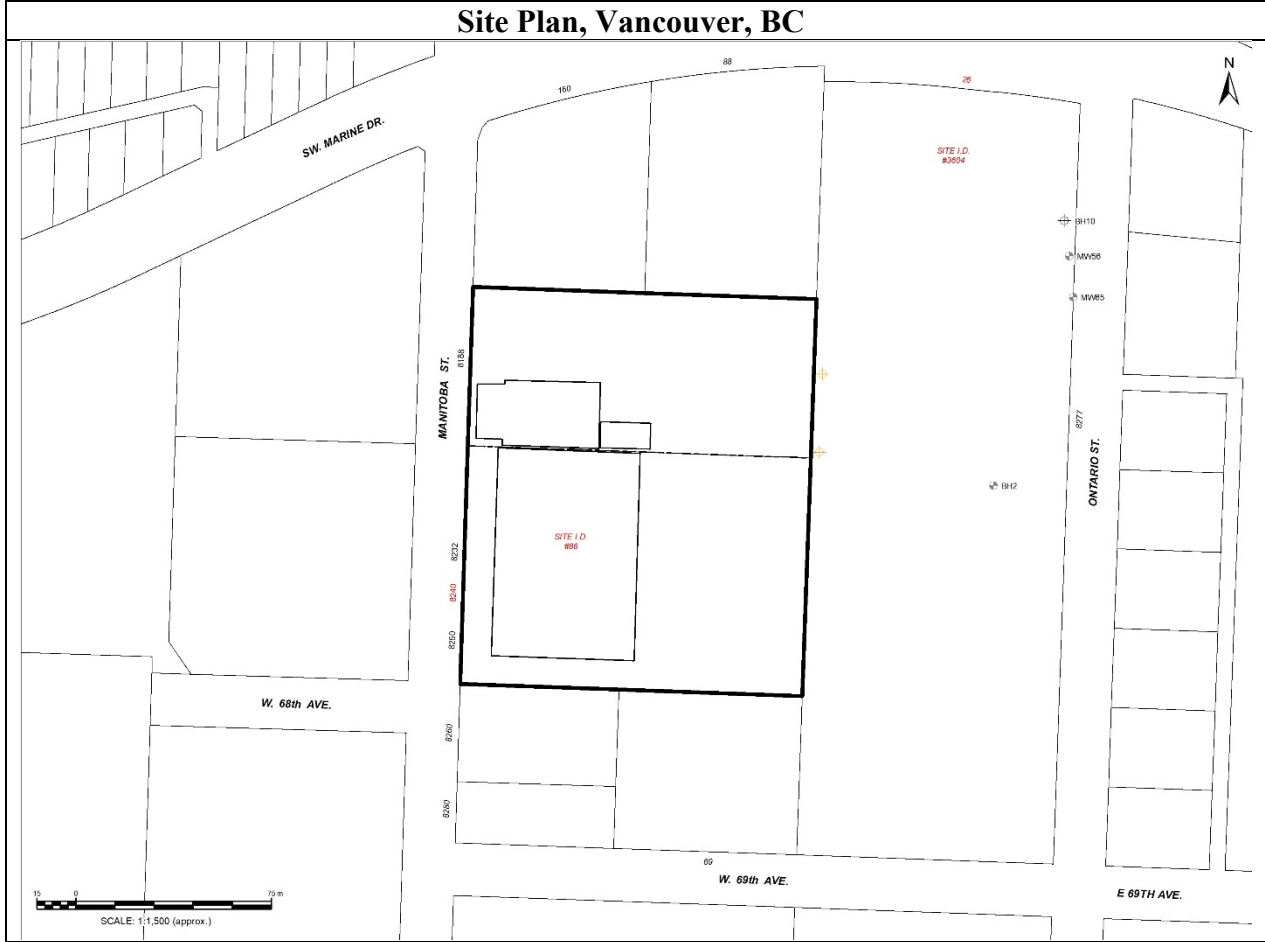
Latitude: 49° 12' 39.00"
Longitude: 123° 06' 32.60"

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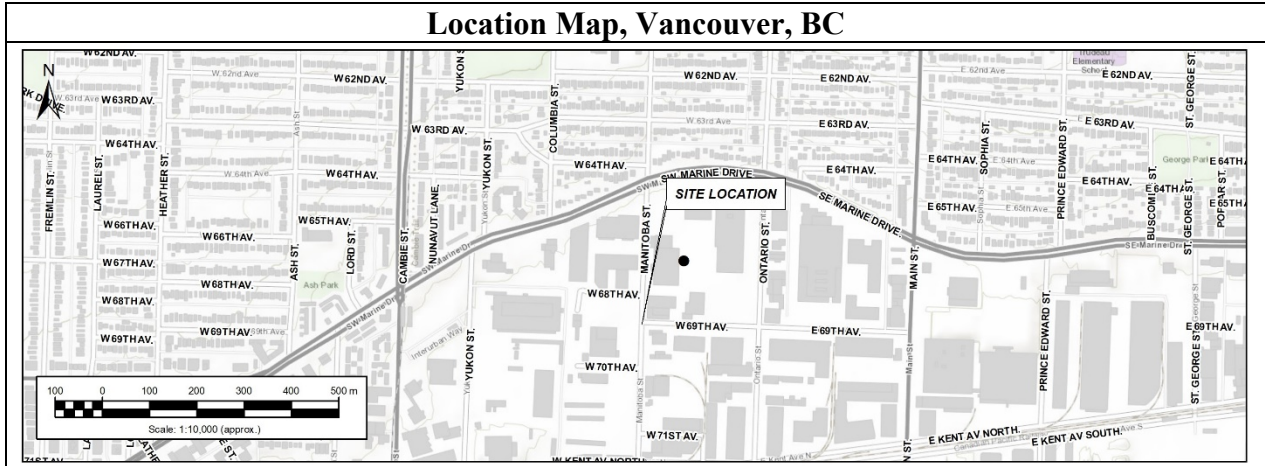


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Site Plan, Vancouver, BC



Location Map, Vancouver, BC



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Schedule B

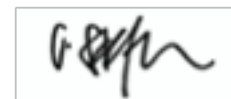
Requirements and Conditions

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, 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 plan 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:

- (a) A summary of remedial activities undertaken to date;

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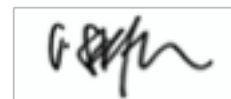
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- (b) An assessment comparing remediation progress to the actions and schedule set out in the plan referenced above. Refer to Condition 3 above if remedial progress differs substantially from the schedule set out in the approved plan;
 - (c) Interpretation of current and cumulative monitoring results from the soil, vapour, and/or groundwater monitoring program; and
 - (d) 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 numerical 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 constructed on the site will have concrete slab foundations and footings with one level of underground parking.

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

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

To meet numerical remediation standards:

benzene	71-43-2
nickel	7440-02-0
zinc	7440-66-6
HEPHs	NA
LEPHs	NA

To meet local background concentrations:

arsenic	7440-38-2
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Substances to be remediated in water for drinking water use:

To meet numerical remediation standards:

benzo(a)pyrene	50-32-8
boron	7440-42-8
selenium	7782-49-2
vanadium	7440-62-2

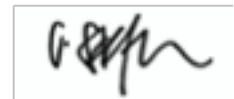
Substances to be remediated in water for aquatic life marine water use:

To meet numerical remediation standards:

copper	7440-50-8
nonaqueous phase liquids	NA
selenium	7782-49-2

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Schedule D

Documents

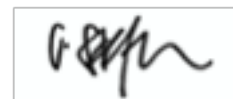
Protocol 4 Application for Local Background Soil Quality Determination for Arsenic in Soil at 8188 and 8232 Manitoba Street, Vancouver, BC, Ministry of Environment and Climate Change Strategy, July 30, 2021;

Summary of Site Condition, 8188 and 8232 Manitoba Street, Vancouver, BC, Keystone Environmental Ltd., April 15, 2021;

Report of Findings – Preliminary Site Investigation – Stage 1 and Stage 2, Detailed Site Investigation and Remediation Plan, 8188 ad 8232 Manitoba Street, Vancouver, BC, Keystone Environmental Ltd., April 15, 2021; and

Final Hydrogeological Report – Proposed Commercial Development, 8188 & 8232 Manitoba Street, Vancouver, B.C, GeoPacific Consultants Ltd., September 22, 2020.

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