



**MINISTRY OF  
ENVIRONMENT**

**OPERATIONAL CERTIFICATE**

12659

*Under the Provisions of the Environmental Management Act*

**CAPITAL REGIONAL DISTRICT**

**625 Fisgard Street  
PO BOX 1000  
Victoria, BC V8W 2S6**

is authorized to manage waste and recyclable material from the Capital Regional District and environs at the Hartland landfill located near Victoria, British Columbia, subject to the conditions listed below. Contravention of any of these conditions is a violation of the Environmental Management Act and may result in prosecution. This Operational Certificate supersedes and amends all previous versions of Operational Certificate 12659.

1. **MANAGEMENT OF WASTE AND RECYCLABLE MATERIAL**

1.1 **Sanitary Landfill**

- 1.1.1 Waste may be discharged to the sanitary landfill shown on Site Plan A.
- 1.1.2 The characteristics of the discharge must be:
  - (a) municipal solid waste as defined in the Environmental Management Act, or,
  - (b) other waste as specified in writing by the Director.
- 1.1.3 The authorized works are a sanitary landfill and related appurtenances approximately located as shown on Site Plan A.

Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)

Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region

1.2 **Leachate, Surface Water and GroundWater**

- 1.2.1 Leachate must be collected and conveyed to the municipal sewage collection system.
- 1.2.2 The characteristics of surface water and groundwater at the property boundary must not exceed concentrations set in the British Columbia Approved Water Quality Guidelines and A Compendium of Working Water Quality Guidelines for British Columbia. Where natural background water quality concentrations exceed these guidelines, the characteristics of surface water and groundwater at the property boundary must not exceed background concentrations.
- 1.2.3 The authorized works are purge wells, lift stations, leachate collection and management works, lagoons, pipeline and related appurtenances approximately located as shown on Site Plan A.

1.3 **Landfill Gas**

- 1.3.1 Landfill gas must be managed in accordance with sections 4.2 and 6.4 of the Landfill Criteria for Municipal Solid Waste.
- 1.3.2 The authorized works are landfill gas collection and flaring works, beneficial utilization works and related appurtenances approximately located as shown on Site Plan A.

1.4 **Public Facilities**

- 1.4.1 The authorized facilities are signs, weigh scales, recyclable material and waste drop-off and storage facilities and related appurtenances approximately located as shown on Site Plan A.

Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)



Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region

1.5 **Location**

- 1.5.1 The location of the facilities for the management of waste and recyclable material to which this operational certificate is applicable is:

Lot 1, Sections 54, 55 and 65, Highland District, Plan VIP 64898  
Lot A, Section 54, Highland District and Section 126, Lake District, Plan VIP64601 except the easterly 341 metres more or less  
The westerly 100 metres of The West ½ of the West ½ of Section 127, Lake District  
Lot A, Section 128, Lake District, Plan VIP65120,  
That part of Section 129, Lake District, shown outlined in red on Plan deposited under DD 31712-I,  
That part of Section 130, Lake District, shown outlined in red on Plan deposited under DD 31712-I,  
The Westerly 380 feet 6 inches of the East ½ of Section 131, Lake District  
The West ½ of Section 131, Lake District, Except Parcel A (DD 197264-I) thereof.

1.6 **Authorized Facilities and Works**

- 1.6.1 The authorized facilities and works must be complete and in operation on and from the date of this amended operational certificate.

2. **GENERAL REQUIREMENTS**

2.1 **Qualified Professionals**

- 2.1.1 All facilities and information, including works, plans, assessments, investigations, surveys, programs and reports, must be certified by a qualified professional.

Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)



Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region

- 2.1.2 "qualified professional" means a person who
- (a) is registered in British Columbia with his or her appropriate professional association, acts under that professional association's code of ethics, and is subject to disciplinary action by that professional association, and
  - (b) through suitable education, experience, accreditation and knowledge may be reasonably relied on to provide advice within his or her area of expertise as it relates to this operational certificate.

## 2.2 Plans

- 2.2.1 Site development, operating, leachate management, landfill gas management, closure and post-closure plans must be submitted to the Regional Manager, Environmental Protection, within 1 year of the date of this amended operational certificate.
- 2.2.2 The plans must address, but not be limited to, each of the subsections in the Landfill Criteria for Municipal Solid Waste including performance, siting, design, operational and closure and post-closure criteria.
- 2.2.3 The facilities must be developed, operated and closed in accordance with the plans.
- 2.2.4 The information required by this operational certificate, including the plans, must be kept up to date. Updated information must be immediately submitted to the Regional Manager, Environmental Protection.

## 2.3 Additional Facilities or Works

- 2.3.1 The Director may require investigations, surveys, and the construction of additional facilities or works including, but not limited to, additional leachate and landfill gas facilities. The Director may also amend the requirements of any of the information required by this operational certificate including plans, programs, assessments and reports.

Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)



Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region

### 3. MONITORING AND REPORTING REQUIREMENTS

#### 3.1 Monitoring Program

- 3.1.1 A monitoring program must be developed to identify any impacts from the facilities and submitted to the Regional Manager, Environmental Protection within 4 months of the date of this amended operational certificate.
- 3.1.2 The monitoring program must address, but not be limited to, subsections 4.1, 4.2 and 7.15 of the Landfill Criteria for Municipal Solid Waste and the Guidelines for Environmental Monitoring at Municipal Solid Waste Landfills.
- 3.1.3 Monitoring must be conducted in accordance with the monitoring program.

Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)



Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region

### 3.2 Annual Operating and Monitoring Report(s)

- 3.2.1 An annual operating and monitoring report(s) for the preceding 12 month period from April 1 to March 31 must be submitted to the Regional Manager, Environmental Protection, by November 30 of each year.
- 3.2.2 The annual operating and monitoring report(s) must include:
- (a) An executive summary;
  - (b) Tonnage of each type of waste discharged to the landfill;
  - (c) Remaining site life and capacity;
  - (d) Leachate management including quantities and qualities;
  - (e) Landfill gas management including quantities and qualities;
  - (f) Review of the preceding year of operation, implementation status of the recommendations of the most recent seismic and fault risk analysis, plans for the next year and any new information or proposed changes relating to the facilities and plans;
  - (g) Comparison of the monitoring data with the performance criteria in section 4 of the Landfill Criteria for Municipal Solid Waste and the Guidelines for Environmental Monitoring at Municipal Solid Waste Landfills, interpretation of the monitoring data, identification and interpretation of irregularities and trends, conclusions, recommendations, and any proposed changes to the monitoring program;
  - (h) Closure and post-closure fund balance and update;
  - (i) In the event of any non-compliance with the conditions of this operational certificate, an action plan and schedule to achieve compliance.

## 4. LANDFILL CLOSURE

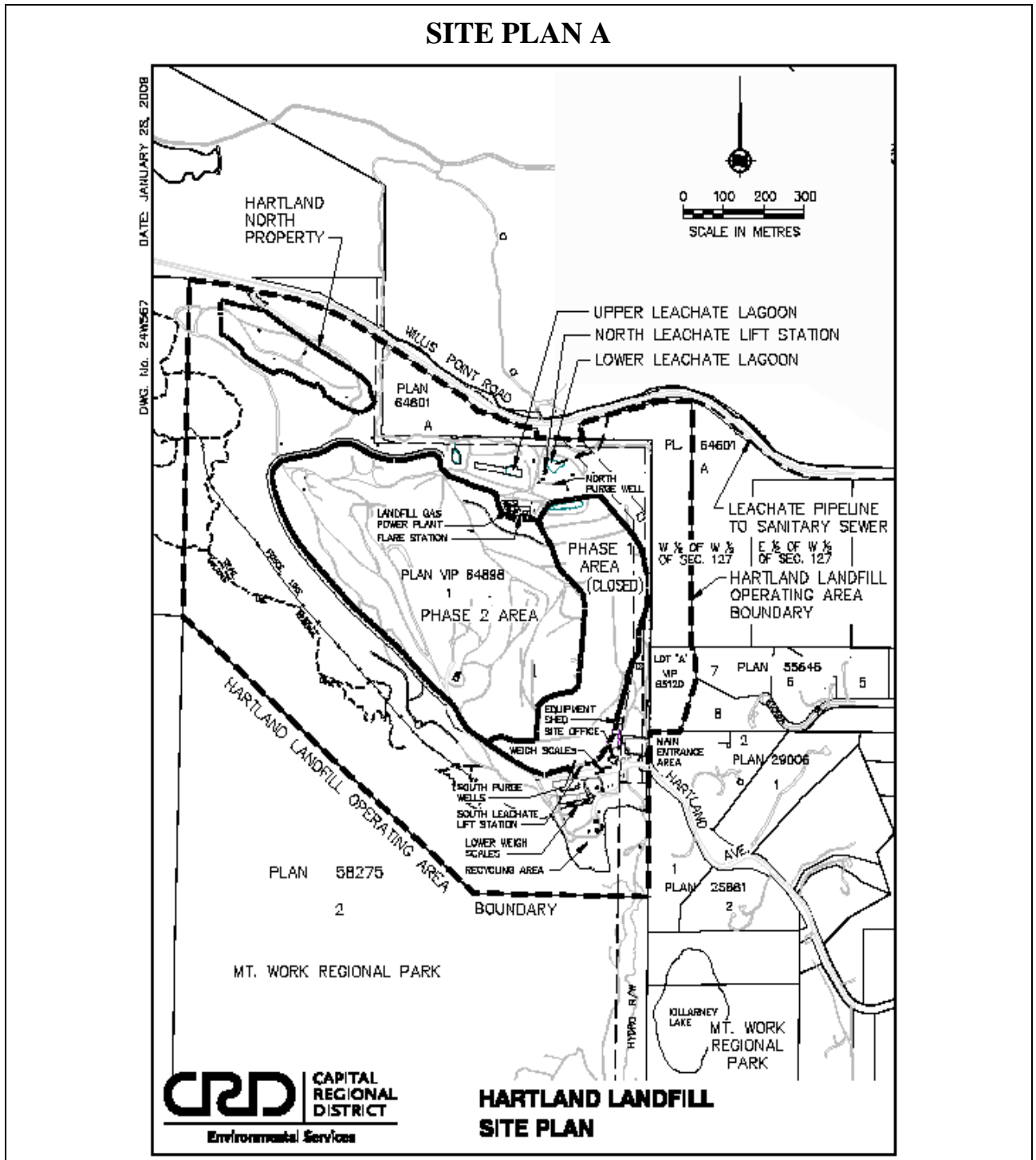
### 4.1 Closure and Post-Closure Fund

- 4.1.1 A closure and post-closure fund must be built up over time. The closure and post-closure fund must ultimately meet or exceed the estimated closure and post-closure costs plus a reasonable contingency for any remediation that may be required.

Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)



Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region



Date issued: May 11, 1994  
Date amended: January 27, 2010  
(most recent)

Blake W. Medlar  
for Director, *Environmental Management Act*  
Vancouver Island Region



January 21, 2013

File: 12659

Capital Regional District  
625 Fisgard Street  
PO Box 1000  
Victoria BC V8W 2S6

Dear Operational Certificate Holder:

In response to the Capital Regional District's email request of May 7, 2012, and pursuant to Section 2.3.1 of Operational Certificate 12659, I hereby amend the requirements of the Annual Operating and Monitoring Report(s), Section 3.2.1, from:

3.2.1 An annual operating and monitoring report(s) for the preceding 12 month period from April 1 to March 31 must be submitted to the Regional Manager, Environmental Protection, by November 30 of each year.

to:

3.2.1 An annual operating and monitoring report(s) must be submitted to the Regional Director, Environmental Protection, by November 30 of each year. The time period(s) addressed in the annual report(s), are subject to the approval of the Director in writing.

Please attach a copy of this letter to your copy of the operational certificate.

Yours truly,

Baljeet Mann  
For Director, *Environmental Management Act*