

British Columbia Energy Regulator

6534 100<sup>th</sup> Ave, Fort St. John, B.C  
V1J 8C5

**APPROVAL**  
**AA-111611**

*Under the Provisions of the Environmental Management Act*

**Coastal GasLink Pipeline Ltd.**  
**450 1<sup>st</sup> Street SW,**  
**Calgary, Alberta**  
**T2P 5H1**

is authorized to discharge contaminants to the environment from burn piles located along the pipeline corridor of Section 7 of the Coastal GasLink Pipeline project, 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.

**1. DEFINITIONS**

For the purpose of this approval, the following definitions apply:

- 1.1. **Act** means the *Environmental Management Act*.
- 1.2. **Approval Holder** means Coastal GasLink Pipeline Ltd.
- 1.3. **BCER** means the British Columbia Energy Regulator.
- 1.4. **Custom Ventilation Forecast** means a forecast of the atmosphere's ability in a geographic area to disperse smoke in accordance with section 16 of the Open Burning Smoke Control Regulation.
- 1.5. **Custom Ventilation Forecaster** means a person who a) is a meteorologist employed by environment Canada and classified as a Meteorologist 3 or above, b) is a Weather Forecaster, a Fire Weather Forecaster, an Air Quality Meteorologist or an Air Quality Science Specialist employed by or under contract with the government, or c) has similar knowledge and experience as described in a) or b) and is approved in writing by a director to conduct custom ventilation forecasts for the purposes of the Open Burning Smoke Control Regulation.



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- 1.6. **Discharge** means the total mass of a solid, liquid or gaseous material introduced into the environment.
- 1.7. **Manager** means an BCER employee authorized to exercise the powers of the BCER under Section 15 of the *Environmental Management Act*.
- 1.8. **Ventilation Forecast** means the afternoon ventilation index forecast issued by Environment Canada for a geographic area.

## 2. **AUTHORIZED DISCHARGES**

- 2.1. This subsection applies to the discharge of air contaminants from **FIVE (5) BURN PILES WITHIN LOW SMOKE SENSITIVITY ZONE**. The site reference number for this discharge is E330991.

- 2.1.1. The approximate authorized load per pile location is 1100 tonnes.
- 2.1.2. The authorized works are five (5) burn piles and ancillary equipment. Approximate burn pile locations are as follows:

Burn Pile	KP Location	Lat./Long.
BP 13	ROW/ KP 568.8	54.21317/ -127.51592
BP 14	Shoofly RW-1613.0	54.22203/ -127.56718
BP 15	Titanium Peak Stockpile Site	54.21996/ -127.59954
BP 16	Timber Decking Area 22	54.18315/ -127.67576
BP 17	Laydown Area 32	54.174836/ -127.69858

- 2.1.3. The authorized period of discharge is up to 21 days of non-consecutive active burning per pile. Burning is restricted to 6 days of consecutive burning, burning shall end by 4 pm of the sixth day.
- 2.1.4. The pile shall only be ignited if the ventilation forecast for that area, obtained on the day, but before, the open burning starts is “good” or “fair” for the day the open burning starts and is “good” or “fair” for the second day of the open burning. If a custom ventilation forecast is used, the custom ventilation forecast for that area is obtained on the day before, or



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on the day, but before the open burning starts, and is “good” or “fair” for the day the open burning starts and is “good” or “fair” for the second day of the open burning.

- 2.1.5. The authorized material to be combusted is wood based materials, untreated SPF construction wood debris consisting of damaged skids, beams, blocks, wooden spools, pallets, access mats and rig mats.
  - 2.1.6. Waste that is defined in section 2 of Schedule 1 of the *Waste Discharge Regulation* is prohibited from being burned.
  - 2.1.7. The location from which the discharge originates is within Section 7 of the certified pipeline project boundary.
- 2.2.** This subsection applies to the discharge of air contaminants from **NINE (9) BURN PILES WITHIN MEDIUM SMOKE SENSITIVITY ZONE**. The site reference number for this discharge is E330992.
- 2.2.1. The approximate authorized load per pile location is 1100 tonnes.
  - 2.2.2. The authorized works are nine (9) burn piles and ancillary equipment. The approximate burn pile locations are as follows:

Burn Pile	Description	Lat./Long.
BP 1	Huckleberry Multi-Use Site Area B	54.19015/ -126.83201
BP 2	ROW/ KP 526.425	54.17347/ -126.90812
BP 3	ROW/ KP 532	54.18459/ -126.98670
BP 4	ROW/ KP 533.4	54.18500/ -127.00766
BP 5	ROW/ KP 534.25	54.18472/ -127.01988
BP 7	ROW/ KP 544.85	54.174983/ -127.17372
BP 8	ROW/ KP 546.8	54.176563/ -127.20207
BP 9	ROW/ KP 551.32	54.17002/ -127.26845
BP 10	ROW/ KP 554.3	54.17018/-127.31129

- 2.2.3. The authorized period of discharge is up to 21 days of non-consecutive active burning per pile. Burning is restricted to 4 days of consecutive burning, burning shall end by 4 pm of the fourth day.
- 2.2.4. The pile may only be ignited if the ventilation forecast for that area, obtained on the day, but before, the open burning starts is “good” for the day the open burning starts and is “good” or “fair” for the second day of the open burning. If a custom ventilation forecast is used, the custom ventilation forecast for that area is obtained on the day before or on the day, but before the open burning starts, and is “good” for the day the open burning starts and is “good” or “fair” for the second day of the open burning.
- 2.2.5. Ignition shall occur only during the period that starts one hour after sunrise and shall end 2 hours before sunset.
- 2.2.6. Material shall only be added to the ignited pile during the period that starts one hour after sunrise and ends 2 hours before sunset.
- 2.2.7. The authorized material to be combusted is wood based materials, untreated SPF construction wood debris consisting of damaged skids, beams, blocks, wooden spools, pallets, access mats and rig mats.
- 2.2.8. Waste that is defined in section 2 of Schedule 1 of the *Waste Discharge Regulation* is prohibited from being burned.
- 2.2.9. The location from which the discharge originates is within the certified pipeline project boundary.
- 2.3.** This subsection applies to the discharge of ash produced from the combustion of wood waste authorized under this Approval.
  - 2.3.1. The authorized discharge period is continuous.
  - 2.3.2. The ash may be disposed of at a suitable disposal facility which has been authorized under the Environmental Management Act to receive industrial waste including ash from the combustion of wood waste.
  - 2.3.3. Alternatively, the ash may be disposed of on-site. The ash shall be swept with a magnet to remove any metal. Once the metal is removed and the ash is cooled, the ash may be covered/buried with mineral soil. Soil handling and restoration measures will be adhered as outlined within Coastal Gaslink’s Environmental Management Plan.



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- 2.3.4. On-site disposal of ash shall not occur within 100 m of a stream or permanent waterbody.
- 2.3.5. The waste that may be discharged is the ash generated from the combustion of the authorized materials specified within Section 2.1 & 2.2.

### 3.0 **GENERAL REQUIREMENTS**

#### 3.1 **General Requirements**

3.1.1 Nothing in the Approval authorizes an open fire that is:

(a) prohibited by a ban on igniting open fires imposed by

- (i) a fire department, as defined in the Fire Services Act,
- (ii) a local government, or
- (iii) an improvement district, as defined in the Local Government Act, or

(b) contrary to the Wildfire Act or any other enactment.

3.1.2 Despite this Approval, the Approval Holder shall not start open burning or add material to the ignited piles if the local air flow or atmospheric mixing is likely to cause the smoke emitted by the open burning to

(a) negatively impact a nearby population centre or work camp,

(b) be a navigation hazard at nearby airports or on nearby highways by significantly reducing visibility.

3.1.3 Setbacks for open burning

With the exception of Burn Pile 1 and Burn Pile 15, which are near industrial camps associated with the Approval Holders construction activity, the Approval Holder shall ensure that open burning is carried out at least

(a) 500 m from all neighbouring buildings that

- (i) are residences, or
- (ii) contain businesses in which persons carry on the business during regular business hours, and



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- (b) 1000 m from the nearest property line of all schools, hospitals and community care facilities.

#### 3.1.4 Strategies and techniques to minimize smoke

All reasonable efforts are to be taken to minimize the amount of smoke emitted by the open burning including, but not limited to;

- (a) minimizing the soil content that may be mixed in with the wood
- (b) construct each pile in a way that maximizes air flow
- (c) use air via compressor(s) or fans to promote an efficient burn

#### 3.1.5 Fire Protection

The burn activity shall be monitored at all times until the burning is complete. Adequate fire protection equipment shall be maintained on site to extinguish any fires that may ignite outside of the burn pile.

#### 3.1.6 Cessation of Fire Feeding and Burning

The Manager may require the Approval Holder to cease the addition of material to the burn pile at any time if the Manager has reason to believe that emissions from the open burning are impacting the receiving environment or when complaints are received regarding local ambient air quality.

#### 3.1.7 Environmental Impact

Inspections of the authorized works and discharge may be carried out by BCER personnel as part of the routine inspection procedure. Based on these inspections and any other information available to the Manager on the effect of the discharge on the receiving environment, the Approval Holder may be required to undertake monitoring, additional studies, change the method of operation, or shutdown the operations.

#### 3.1.8 Disposal of Ash

The Approval Holder shall take the necessary precautions for avoiding aerial dispersion of ash and the risk of ash leachate at all times.



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### 3.1.9 Maintenance of Works and Emergency Procedures

The Approval Holder shall inspect the authorized works regularly and maintain them in good working order. Records of inspection shall be maintained and made available to BCER upon request.

In the event of an emergency or condition beyond the control of the Approval Holder which prevents effective operation of the approved method of pollution control, the Approval Holder shall notify the Manager immediately, and take appropriate remedial action. The Manager may reduce or suspend the operation of the Approval Holder to protect the environment until the approved method of pollution control has been restored.

Instances of approval non-compliance shall be self-disclosed upon discovery, as outlined within Chapter 3 of the BCER Compliance and Enforcement Manual; [Waste.Management@bc-er.ca](mailto:Waste.Management@bc-er.ca) shall also be informed of the self-disclosure.

For spills which meet the Spill Reporting Regulation reporting criteria, a report shall be made immediately to the Provincial Emergency Program telephone 1-800-663-3456.

### 3.1.10 Submission of Custom Ventilation Forecast

The Approval Holder shall ensure that the custom ventilation forecast is submitted by email to the Ministry of Environment & Climate Change Strategy, using the email address made known by the Ministry & to [Waste.Management@bc-er.ca](mailto:Waste.Management@bc-er.ca) before starting the open burning.

## 4.0 **MONITORING AND REPORTING REQUIREMENTS**

### 4.1 **Discharge Notification**

Prior to the commencement of any burning activity, the Approval Holder shall provide notification of works to any First Nation(s) who may have Aboriginal interests identified, as per the BC First Nations Consultative Areas Database, within the area in which the works are to occur.

### 4.2 **Discharge Monitoring**

The Approval Holder shall track the status of the open burning operation including the ventilation forecast or custom ventilation forecasts obtained in respect to open burning, notification given, operational hours, load frequency, approximate tonnage



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of material burned per day, and any fumigation issues. Daily records shall be compiled and analyzed.

#### **4.3 Discharge Reporting**

A final report of the discharge monitoring shall be submitted within 30 days after the completion of the authorized works or upon request from the BCER. Submission of the report shall be made to [Waste.Management@bc-er.ca](mailto:Waste.Management@bc-er.ca).





