



metrovancover

Greater Vancouver Regional District • Greater Vancouver Water District

Greater Vancouver Sewerage and Drainage District • Greater Vancouver Housing Corporation

4330 Kingsway, Burnaby, BC, Canada V5H 4G8 604-432-6200 www.metrovancover.org

Policy & Planning Department
Tel. 604-432-6200 Fax 604-436-6707

PERMIT GVA0618

Pursuant to
Greater Vancouver Regional District Air Quality Management Bylaw No. 1082, 2008
and BC Environmental Management Act

Cargill Ltd.

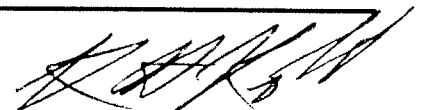
located at
801 Low Level Road, North Vancouver, British Columbia V7L 1A7

is authorized to discharge air contaminants to the air from a
Grain Elevator

located at the above address, subject to the requirements in this Permit.

Contravention of any of these requirements is a violation of the bylaw
and may result in enforcement action.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

SECTION 1 – AUTHORIZED EMISSION SOURCES

Authorization to discharge air contaminants from the authorized Emission Sources and Works listed below are subject to the specified terms and conditions.

Approximate locations of the emission sources are shown on the Site Plan in section 4.

EMISSION SOURCE 02: (B1) Ventilation of cleaning battery No. 2 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **822** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **7200** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 03: (C2) Ventilation of cleaning threshers and car loadout spout discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **396** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 04: (D1) Ventilation of the workhouse basement conveyors discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **932** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr

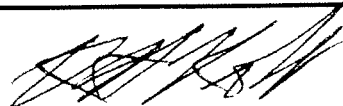
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 05: (E1) Ventilation of cleaning battery No. 4 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **604** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **7200** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 06: (F) Ventilation of the seed plant cleaners discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **176** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 07: (G) Ventilation of equipment in Annex No. 1 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **424** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr


MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 08: (HA) Ventilation of equipment in Annex No. 2 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **416** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 10: (K) Waste transfer of dust from emission numbers 04, 05, 45, 46, 47, 48, 18 and 53 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **142** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 11: (L) Waste transfer of dust from emission numbers 08 and 50 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **142** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8640** hrs/yr

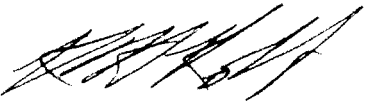
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: **SEP 20 2010**
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 12: (M) Ventilation of the north side of the shipping gallery discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 529 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 13: (N) Ventilation of the south side of the shipping gallery discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 529 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 14: (O) Ventilation of Mezzanine Floor and Garners discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 574 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr


MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 15: (H1) Ventilation of the trackshed conveyors, elevating legs and receiving garners discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 1088 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 16: (H2) Ventilation of the trackshed conveyors, elevating legs and receiving garners discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 1103 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 17: (R) Waste transfer of dust from emission numbers 12 and 13 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 141 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

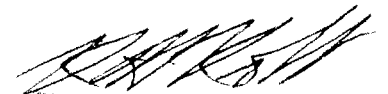
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 18: (V1) Ventilation of the No. 1 shipping belt system discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 398 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 19: (P1) Ventilation of the Hammer Mill No. 1 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 99 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 4000 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 20: (P2) Ventilation of the Hammer Mill No. 2 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 99 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 4000 hrs/yr

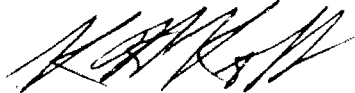
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 21: (P3) Ventilation of the Hammer Mill No. 3 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 99 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 4000 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 22: (S) Ventilation of the bottom of Annex No. 3 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 865 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 23: (T) Ventilation of the top of Annex No. 3 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 1132 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

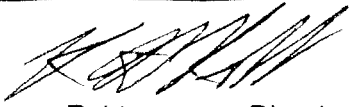
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 24: (U) Waste transfer of dust from emission numbers 22 and 23 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 68 m³/min

MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 25: Loading of marine vessels at Berths No. 1 and 2 discharging through a Marine Vessel Hold(s).

MAXIMUM EMISSION FLOW RATE: The rate of discharge is that resulting from the displaced air from loading operations.

MAXIMUM ANNUAL OPERATING HOURS: 8760 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20% Opacity. May be exceeded for a total of 3 min/hour.

WORKS AND PROCEDURES:

Ships' holds.

Ship loader spouts together with good operating practices to maintain minimum product drop heights during all loading operations.

EMISSION SOURCE 28: (A1) Ventilation of the workhouse bin and turnhead floor discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 877 m³/min

MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

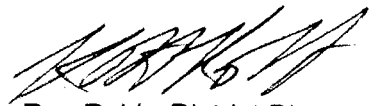
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 29: (A2) Ventilation of the workhouse turnhead and top floor discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 904 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 30: (G1) Ventilation of the Annex No. 1 bin floor discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 725 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 31: (O1) Ventilation of the No. 1 oil seed cleaning operation of the old oil seed plant discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 1116 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr


MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 32: (P4) Ventilation of Hammer Mill No. 4 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 170 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 4000 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 33: (P5) Ventilation of Hammer Mill No. 5 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 170 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 4000 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 34: (C1) Ventilation of cleaning battery No. 1 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 158 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr


MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 35: Truck loading station discharging from the truck container.

MAXIMUM EMISSION FLOW RATE: The rate of discharge is that resulting from the displaced air from loading operations.

MAXIMUM ANNUAL OPERATING HOURS: 8760 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20% Opacity. May be exceeded for a total of 3 min/hour.

WORKS AND PROCEDURES:

Truck's container.

Enclosure of the workhouse together with good operating practices for the operation of the loading spout.

EMISSION SOURCE 38: (VSF) Ventilation from central vacuum process workhouse discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 35 m³/min

MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 39: (B2) Ventilation of cleaning battery No.3 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 815 m³/min

MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

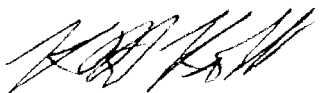
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 40: (B3) Ventilation of cleaning battery No.9 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 566 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 41: (B4) Ventilation of B section tailings and screenings secondary cleaning equipment discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 566 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 42: (C3) Ventilation of workhouse basement conveyors and screws discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 712 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

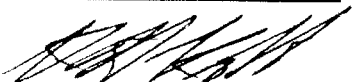
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 43: (C4) Ventilation of C section tailings and screenings secondary cleaning equipment discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 566 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 44: (C5) Ventilation of shipping garners discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 401 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 45: (D2) Ventilation of cleaning battery No. 7 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 914 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr


MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 46: (D3) Ventilation of cleaning battery No.8 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 755 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 47: (E2) Ventilation of cleaning battery No. 5 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 899 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 48: (E3) Ventilation of cleaning battery No.6 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 631 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

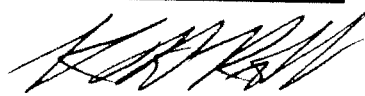
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 49: (GSF) Ventilation of shipping gallery vacuum system discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 45 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 50: (HB) Ventilation of equipment in annex No. 2 basement discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 416 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 51: (J) Waste transfer of dust from emission numbers 02, 03, 15, 16, 39, 40, 41, 42, 43 and 44 discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 184 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

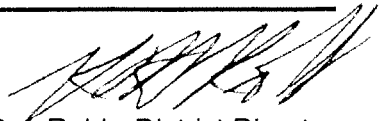
MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

EMISSION SOURCE 52: (O2) Ventilation of cleaning and by-product garners and bins discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 401 m³/min

MAXIMUM ANNUAL OPERATING HOURS: 8640 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 53: (V2) Ventilation of No.2 shipping belt system discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: 398 m³/min

MAXIMUM ANNUAL OPERATING HOURS: 7200 hrs/yr

MAXIMUM EMISSION QUALITY:

1. 20 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

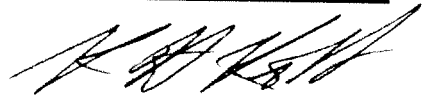
Baghouse and related appurtenances together with good operating practices.

GENERAL SITE RESTRICTIONS:

Fugitive particulate matter shall be suppressed such that dustfall at the site boundary will compare favorably to a value of 1.75 mg/dm²/day when consideration is given to:

1. The relative contribution of dustfall sources on site and off site to measured ambient values;
2. The sensitivity to the receiving environment;
3. Other pertinent information.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

SECTION 2 – GENERAL REQUIREMENTS AND CONDITIONS

A. AMENDMENTS

The terms and conditions of this permit may be amended, as authorized by applicable legislation. New and modified sources must receive authorization prior to start-up.

B. POLLUTION

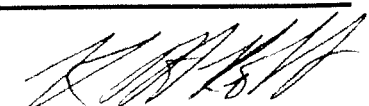
Notwithstanding any conditions in this permit, no person shall discharge or allow or cause the discharge of any air contaminant so as to cause pollution as defined in the Greater Vancouver Regional District Air Quality Management Bylaw No. 1082, 2008 and the Environmental Management Act.

C. STANDARD CONDITIONS AND DEFINITIONS

Unless otherwise specified, the following applies to this permit:

1. Gaseous volumes are corrected to standard conditions of 20° Celsius & 101.325 kPa with zero percent moisture.
2. Contaminant concentrations from the combustion of specific fuel types are corrected to the following Oxygen content, unless specified otherwise:
 - 3% O₂ for natural gas and fuel oil;
 - 8% O₂ for wood fuel.
 - 15% O₂ for turbines
3. Where compliance testing is required, each contaminant concentration limit in this permit will be assessed for compliance based on a valid test using test methods approved by the District Director.
4. Visual opacity measurements are made at the point of maximum density, nearest the discharge point and exclude the effect of condensed, uncombined water droplets. Visual opacity compliance determinations are based on a 6 minute average in accordance with the provincial "Source Testing Code for the Visual Measurement of The Opacity of Emissions from Stationary Sources".
5. If fuel oil is authorized as a standby fuel in section 1 of this permit, the standby fuel oil use is restricted to a maximum of 350 hrs/yr and to those periods during which the primary authorized fuel is not available. Fuel oil sulphur content shall not exceed 15 mg/kg and emissions during fuel oil firing shall not exceed 10% Opacity.
6. Definitions in the Environmental Management Act and Air Quality Management Bylaw apply to terminology used in this permit.
7. Threshold Limit Values (TLV) refer to the Time Weighted Average (TWA) exposure limits for substances specified in the American Conference of Governmental Industrial Hygienists Threshold Limit Values handbook, current on the latest date that this permit issuance or amendment came into effect.
8. Sulphur Oxides (SO_x) are expressed as Sulphur Dioxide.
9. Nitrogen Oxides (NO_x) are expressed as Nitrogen Dioxide.
10. The Canadian Council of Ministers of the Environment (CCME) "Environmental Guidelines for Controlling Emissions of Volatile Organic Compounds from Aboveground Storage Tanks (June 1995, CCME-EPC-87E)" shall be adhered to for all applicable tanks unless otherwise stated in this permit.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

11. Authorized 'Maximum Annual Operating Hours' of 8760 hrs/yr for an emission source is equivalent to authorization for continuous operation of the emission source for an entire calendar year, including leap years.

D. HEATING, VENTILATION, AIR CONDITIONING AND INTERNAL COMBUSTION ENGINES

Air contaminants discharged from any natural gas-fired heating, ventilation or air conditioning systems for buildings and any internal combustion engines located at the discharge site shall be maintained and operated in a manner prescribed by the manufacturer to ensure good combustion of the fuel with minimum discharge of air contaminants.

E. AUTHORIZED WORKS AND PROCEDURES

Works and procedures, which this permit authorizes to control the discharge of air contaminants, shall be employed during all operating periods of the related facilities. The permit holder shall regularly inspect and maintain all such works in good repair.

The discharge criteria described in this permit are applicable on the issued or amended date of this permit unless specified otherwise. If a date different to the issued or amended date is specified, the existing control works and procedures must be maintained in good operating condition and operated in a manner to minimize emissions.

F. BYPASSES

The discharge of contaminants which have bypassed authorized control works during non-emergency conditions are prohibited unless approval has been obtained in writing from the District Director.

G. EMERGENCY PROCEDURES

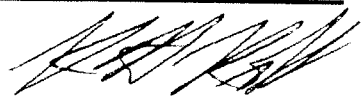
In the event of an emergency that prevents compliance with a requirement(s) of this permit, that requirement(s) shall be suspended for such time as the emergency continues or until otherwise directed by the District Director, provided that:

1. Due diligence was exercised in relation to the process, operation or event that caused the emergency and that the emergency occurred notwithstanding this exercise of due diligence; and,
2. The District Director is notified at the first available opportunity of the emergency and of contingency actions invoked or planned to mitigate adverse impacts and restore compliance. Notification shall be made to Metro Vancouver's 24-hour number: 604-436-6777; and,
3. Due diligence is exercised in shutting down related processes and/or taking action to restore compliance in the shortest possible time frame, unless specified otherwise in this permit or by written notice from the District Director.

Notwithstanding 1, 2 and 3 above, the District Director may specify contingency actions to be implemented to protect human health and the environment while authorized works and/or standard operating procedures are being restored.

If an emergency situation results in a "spill" as defined in the Environmental Management Act Spill Reporting Regulation, the spill shall also be reported immediately to the Provincial Emergency Program by telephoning 1-800-663-3456.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

SECTION 3 – REPORTING REQUIREMENTS

A. MONITORING REQUIREMENTS AND REPORTING

Unless otherwise approved by the District Director prior to any sampling or analysis, all measurements shall be performed by an independent agency in accordance with Metro Vancouver Air Emissions Sampling Program Manual of Methods and Standard Operating Procedures and the BC Ministry of Environment Field Sampling Manual, as they may be amended from time to time. Any variance from these procedures must receive prior approval from the District Director.


A minimum of 3 days advance notice must be given prior to taking measurements required by this Monitoring and Sampling Program. Notification must be given to the Metro Vancouver, Regulation & Enforcement Division (phone 604-436-6777, Fax 604-436-6707, email regulationenforcement@metrovancover.org).

Unless otherwise specified, sampling shall be performed under operating conditions representative of the previous 90 calendar days of operation. All field data and calculations must be submitted with monitoring results and they shall be reported in the metric units which are used in this permit. These submissions shall include process data relevant to the operation of the source of the emissions and the performance of the emission control works.

The permit holder shall conduct the following monitoring and sampling and submit written and/or electronic reports of the results to the District Director by the dates specified below.

SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	PARAMETER(S)	TEST METHOD	REPORT TYPE
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)


Ray Robb, District Director
Permit GVA0618

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

B. INFORMATION REPORTING REQUIREMENTS

The Permit holder shall submit written and/or electronic reports containing the required information to the District Director by the dates specified below.


EMISSION SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	REPORT TYPE
Facility	March 31, 2011	Yearly	Written report detailing the types and amounts of principal products produced and principal raw materials used in the preceding calendar year.	Materials and Products
Facility	March 31, 2011	Yearly	Written report detailing the types and amounts of fuel burned in the preceding calendar year.	Fuel Use
Facility	March 31, 2011	Yearly	Written report indicating inspection frequency, bag condition and action, taken or proposed, to solve any problems detected for the baghouses described in this Permit.	Baghouse

C. AMENDED OR ADDITIONAL REQUIREMENTS

Based on the results of the monitoring program, including the stack sampling results or any other information, the District Director may:

1. Amend the monitoring and reporting requirement of any of the information required by this Permit including plans, programs and studies.
2. Require additional investigations, tests, surveys or studies.

Date Issued: December 19, 1997
Date Amended: SEP 20 2010
(most recent)

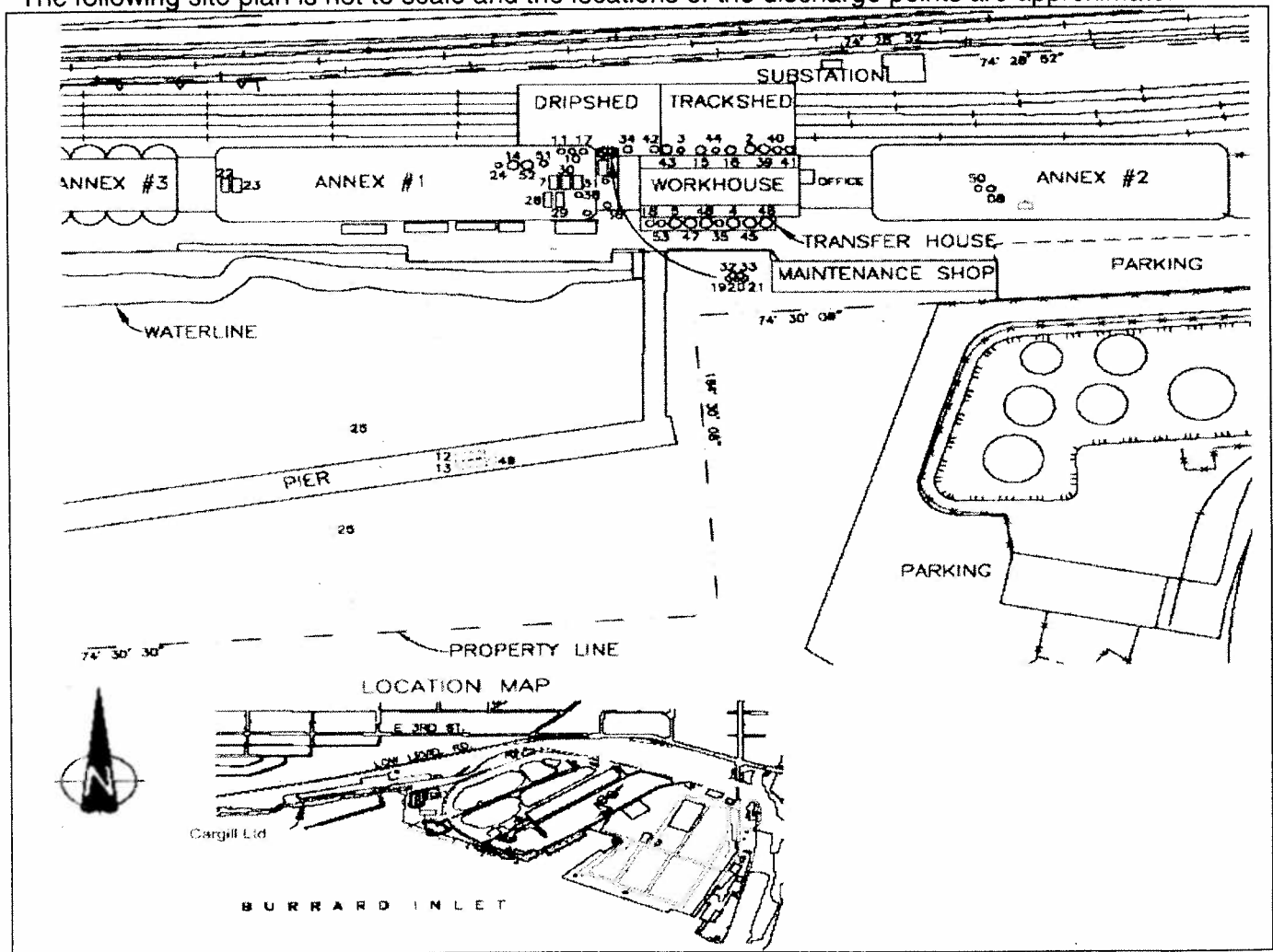

Ray Robb, District Director
Permit GVA0618

SECTION 4 – SITE PLAN

LEGAL DESCRIPTION OF DISCHARGE SITE: The land from which the air contaminants are discharged is described as "City of North Vancouver. Those portions of Parcel "A" (Reference Plan No. 1274) of District Lots 272 and 273, Group 1, New Westminster District, and of the foreshore on, and lands under the Burrard Inlet adjoining said Parcel "A" lying South of the Right of Way of the Vancouver Harbour Commissioners Terminal Railway as shown on Reference Plan No. 2339 and thereon marked ("Terminal Railway") all as outlined in Red on Reference Plan No. 2340.

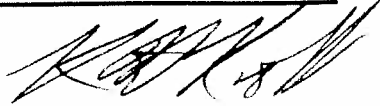
The Property is more particularly described as Parcel "A", Parcel "Y" and Parcel "Z", all as outlined in red on Vancouver Port Authority Lease Plan No. 88 - 10 "A".

The following site plan is not to scale and the locations of the discharge points are approximate.



Date Issued:
Date Amended:
(most recent)

December 19, 1997
SEP 20 2010


Ray Robb, District Director
Permit GVA0618