



PERMIT GVA0278

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

Weyerhaeuser Company Limited

located at
1272 Derwent Way, Delta, BC V3M 5R1

is authorized to discharge air contaminants to the air from
an Engineered Wood Manufacturing Plant

subject to the requirements in this Permit for the emission sources and works
existing or planned on March 22, 2013.

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

Issued: November 16, 1992
Amended: March 22, 2013

R.H. (Ray) Robb, P. Eng.
District Director

GREATER VANCOUVER REGIONAL DISTRICT AIR QUALITY MANAGEMENT PERMIT

SECTION 1 – AUTHORIZED EMISSION SOURCES

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

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

EMISSION SOURCE 01: Number 1 Veneer Dryer discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **285** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: **16.9** GJ/hr

MAXIMUM EMISSION QUALITY:

1. 90 mg/m³ Particulate Matter
2. 10% Opacity.
3. Particulate: Includes condensable organics extractable by hexane

WORKS AND PROCEDURES:

Discharging through eight stacks. The firing of the veneer dryer with natural gas using good combustion practices and operating procedures.

EMISSION SOURCE 04: Number 1 Veneer Dryer Cooling Section Wall exhaust.

MAXIMUM EMISSION FLOW RATE: **460** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

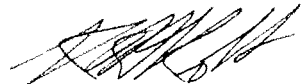
1. 50 mg/m³ Particulate Matter
2. 10% Opacity.
3. Particulate: Includes condensable organics extractable by hexane

WORKS AND PROCEDURES:

Discharging through wall exhausts. Good operating practices.

EMISSION SOURCE 05: Three Resin Tanks discharging through a Vent(s).

MAXIMUM EMISSION FLOW RATE: **The maximum rate of discharge is that resulting from vapour venting during tank filling, withdrawing and breathing.**
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr



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MAXIMUM EMISSION QUALITY:

1. Odour: None past the plant boundary such that the District Director determines that pollution has occurred.

WORKS AND PROCEDURES:

Three resin tanks discharging through tank vents. Good operating practices.

EMISSION SOURCE 06: Welding Area discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **400** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 50 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Welding area discharging through stacks. Good operating practices.

EMISSION SOURCE 09: Number 2 Veneer Dryer Cooling Section discharging through a Roof Exhaust.

MAXIMUM EMISSION FLOW RATE: **460** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 50 mg/m³ Particulate Matter
2. 10% Opacity.
3. Particulate: Includes condensable organics extractable by hexane

WORKS AND PROCEDURES:

Good operating practices.

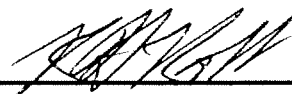
EMISSION SOURCE 10: Number 3 Veneer Dryer Cooling Section discharging though a Roof Exhaust.

MAXIMUM EMISSION FLOW RATE: **460** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 50 mg/m³ Particulate Matter
2. 10% Opacity.
3. Particulate: Includes condensable organics extractable by hexane



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WORKS AND PROCEDURES:

Good operating practices.

EMISSION SOURCE 11: Number 2 Veneer Dryer discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **285** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 10% Opacity.
2. Particulate: Includes condensable organics extractable by hexane
3. 90 mg/m³ Particulate Matter until 2018 and 20 mg/m³ thereafter

WORKS AND PROCEDURES:

Number 2 veneer dryer discharging through seven stacks. Good operating practices.

By 2018 number 2 veneer dryer will be discharging through a wet-electrostatic precipitator (WESP) and related appurtenances together with good operating practices.

The permittee shall continuously monitor and record baseline operating parameters for the WESP. The minimum operating parameters to be monitored shall include inlet temperature, WESP outlet temperature, transformer voltage and total power/amperage.

Records are to be maintained and made available for inspection by Environmental Regulation and Enforcement staff for a minimum period of three years.

EMISSION SOURCE 12: Number 3 Veneer Dryer discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **285** m³/min

MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 10% Opacity.
2. Particulate: Includes condensable organics extractable by hexane
3. 90 mg/m³ Particulate Matter until 2018 and 20 mg/m³ thereafter

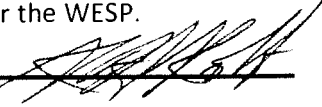
WORKS AND PROCEDURES:

Number 3 veneer dryer discharging through seven stacks. Good operating practices.

By 2018 number 3 veneer dryer will be discharging through a wet-electrostatic precipitator (WESP) and related appurtenances together with good operating practices.

The permittee shall continuously monitor and record baseline operating parameters for the WESP.

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The minimum operating parameters to be monitored shall include inlet temperature, WESP outlet temperature, transformer voltage and total power/amperage.

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EMISSION SOURCE 13: Natural Gas and/or Woodwaste Fired Furnace discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **325** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: **13.7** GJ/hr

MAXIMUM EMISSION QUALITY:

1. 6 mg/m³ Formaldehyde
2. 5 mg/m³ Phenol
3. 20 mg/m³ Particulate Matter
4. 10% Opacity.

WORKS AND PROCEDURES:

A wet-electrostatic precipitator (WESP) and related appurtenances together with good operating practices. The boiler shall be fired with natural gas or woodwaste using good combustion practices and operating procedures.

The permittee shall continuously monitor and record baseline operating parameters for the WESP. The minimum operating parameters to be monitored shall include inlet temperature, WESP outlet temperature, transformer voltage and total power/amperage.

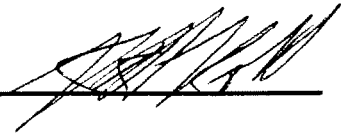
Records are to be maintained and made available for inspection by Environmental Regulation and Enforcement staff for a minimum period of three years.

EMISSION SOURCE 15: Low Temperature Glue Dryer discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **650** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: **13** GJ/hr

MAXIMUM EMISSION QUALITY:

1. 12 mg/m³ Formaldehyde
2. 50 mg/m³ Particulate Matter
3. 10% Opacity.
4. Odour: None past the plant boundary such that the District Director determines that pollution has occurred
5. Particulate: Includes condensable organics extractable by hexane



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WORKS AND PROCEDURES:

Low temperature glue dryer discharging through ten stacks. The firing of the dryer with natural gas using good combustion practices and operating procedures.

EMISSION SOURCE 16: Woodworking equipment that includes a Resaw Bandmill, Billet Sizer, Billet Cut-off Saw, Grading Station discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **1129** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

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

WORKS AND PROCEDURES:

Woodworking equipment that includes a resaw bandmill, billet sizer, biller cut-off saw, grading station discharging through a baghouse exhaust (pulse-jet fabric filter baghouse) and related appurtenances together with good operating practices.

EMISSION SOURCE 19: Press Sample Dryer discharging through a Roof Vent.

MAXIMUM EMISSION FLOW RATE: **4** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 50 mg/m³ Particulate Matter
2. Particulate: Includes condensable organics extractable by hexane

WORKS AND PROCEDURES:

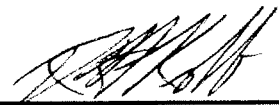
Good operating practices.

EMISSION SOURCE 21: Fuel Dryer discharging through a Cyclone Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **34** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: **1.29** GJ/hr

MAXIMUM EMISSION QUALITY:

1. 102 mg/m³ Total Hydrocarbons Expressed as methane.
2. 120 mg/m³ Particulate Matter
3. 10% Opacity.



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WORKS AND PROCEDURES:

Cyclone and related appurtenances together with the firing of the dryer with natural gas using good combustion practices and operating procedures.

EMISSION SOURCE 22: General Plant Process Area Ventilation discharging through a Vent(s).

MAXIMUM EMISSION FLOW RATE: **11583** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 10% Opacity.
2. Odour: None past the plant boundary such that the District Director determines that pollution has occurred.
3. Chemical Contaminants: The maximum allowable emission concentration (EC) for each emitted chemical contaminant with a Threshold Limit Value (TLV) is such that the sum of the individual EC/TLV ratios for all such contaminants in any single emission is less than 10

WORKS AND PROCEDURES:

General plant ventilation discharging through eighteen vents. Good operating procedures.

EMISSION SOURCE 23: Number 4 Veneer Dryer discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: **623** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: **29.54** GJ/hr

MAXIMUM EMISSION QUALITY:

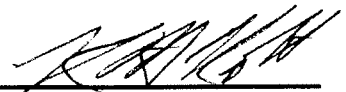
1. 50 mg/m³ Particulate Matter
2. 10% Opacity.
3. Particulate: Includes condensable organics extractable by hexane

WORKS AND PROCEDURES:

A GeoEnergy E-Tube wet-electrostatic precipitator (WESP) and related appurtenances together with the firing of the veneer dryer with natural gas using good combustion practices and operating procedures.

The permittee shall continuously monitor and record baseline operating parameters for the WESP. The minimum operating parameters to be monitored shall include inlet temperature, WESP outlet temperature, transformer voltage and total power/amperage.

Records are to be maintained and made available for inspection by Environmental Regulation and Enforcement staff for a minimum period of three years.



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EMISSION SOURCE 24: Number 4 Veneer Dryer Cooling Sections discharging through a Vent(s).

MAXIMUM EMISSION FLOW RATE: **2266** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 50 mg/m³ Particulate Matter
2. 10% Opacity.
3. Particulate: Includes condensable organics extractable by hexane

WORKS AND PROCEDURES:

Number 4 veneer dryer cooling section discharging through four stacks. Good operating practices.

EMISSION SOURCE 27: Abrasive Planer discharging through a Baghouse Exhaust(s).

MAXIMUM EMISSION FLOW RATE: **991** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. 50 mg/m³ Particulate Matter
2. 10% Opacity.

WORKS AND PROCEDURES:

Baghouse and related appurtenances together with good operating practices.

EMISSION SOURCE 28: Glue Area Ventilation Discharging through a wall exhaust.

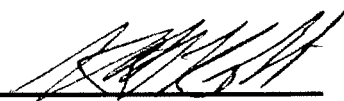
MAXIMUM EMISSION FLOW RATE: **85** m³/min
MAXIMUM ANNUAL OPERATING HOURS: **8760** hrs/yr

MAXIMUM EMISSION QUALITY:

1. Odour: None past the plant boundary such that the District Director determines that pollution has occurred
2. Chemical Contaminants: The maximum allowable emission concentration (EC) for each emitted chemical contaminant with a Threshold Limit Value (TLV) is such that the sum of the individual EC/TLV ratios for all such contaminants in any single emission is less than 10

WORKS AND PROCEDURES:

Good operating practices.



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EMISSION SOURCE 29: Thermal Oil Heater discharging through a Stack(s).

MAXIMUM EMISSION FLOW RATE: 7 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8760 hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: 1.58 GJ/hr

MAXIMUM EMISSION QUALITY:

1. 10% Opacity.

WORKS AND PROCEDURES:

The firing of the thermal oil heater with natural gas (low NO_x burner) using good combustion practices and operating procedures.

EMISSION SOURCE 30: Steam Boiler discharging through a Stack(s).

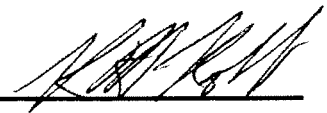
MAXIMUM EMISSION FLOW RATE: 34 m³/min
MAXIMUM ANNUAL OPERATING HOURS: 8760 hrs/yr
MAXIMUM PRIMARY BURNER INPUT FIRING RATE: 1.37 GJ/hr

MAXIMUM EMISSION QUALITY:

1. 10% Opacity.

WORKS AND PROCEDURES:

The firing of the steam Boiler (low NO_x burner) with natural gas using good combustion practices and operating procedures.



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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

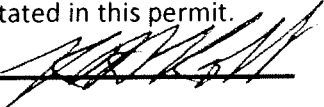
Notwithstanding any conditions in this permit, no person shall discharge or allow or cause the discharge of any air contaminant so as to cause pollution as defined in the Greater Vancouver Regional District Air Quality Management Bylaw No. 1082, 2008 and the Environmental Management Act.

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. 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". Continuous Emission Monitor System (CEMS) opacity compliance determinations are based on a one hour average (taken from the top of each hour).
5. If authorized in section 1 of this permit, standby fuel 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.

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- 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

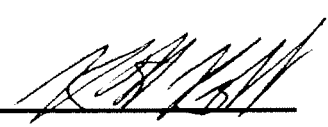
The discharge of contaminants which have bypassed authorized control works during non-emergency conditions is prohibited unless approval has been obtained in writing from the District Director.

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.



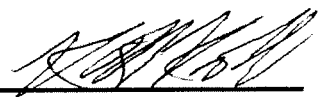
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If an emergency situation results in a "spill" as defined in the Environmental Management Act Spill Reporting Regulation, the spill shall also be reported immediately to the Provincial Emergency Program by telephoning 1-800-663-3456.



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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.

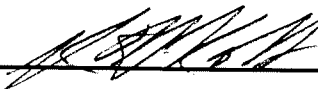
A minimum of 3 days advance notice must be given prior to taking measurements required by this Monitoring and Sampling Program. Notification must be given to the Metro Vancouver Environmental Regulation & Enforcement Division (phone 604-436-6777, Fax 604-436-6707, email regulationenforcement@metrovancover.org).

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 electronic reports of the results to the District Director by the dates specified below using a password enabled web based application provided by Metro Vancouver.

SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	PARAMETER(S)	TEST METHOD	REPORT TYPE
13	September 30, 2013	Yearly	Provide a written report detailing the measured discharge rate and concentrations of particulate matter, phenol and formaldehyde in the emissions. Alternative test methods may be considered if a	Formaldehyde, Phenol, Particulate Matter	NCASI Test Method CI/WP- 98.01, Metro Vancouver AQ02/02/1.00M	Stack

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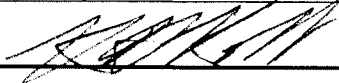

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SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	PARAMETER(S)	TEST METHOD	REPORT TYPE
			draft test plan, including rationale and proposed test protocols is submitted to Metro Vancouver at least 31 days prior to conducting the stack test.			
23	September 30, 2014	Yearly	<p>Submit a written report detailing the measured discharge rate and concentration of particulate matter, including condensible particulate matter, and volatile organic compounds in the emission.</p> <p>The report shall also detail the veneer dryer operating conditions including type of veneer and species dried production rates for the veneer dryer (including comparison to normal and/or typical production rates) together with details of the GeoEnergy E-Tube wet-electrostatic precipitator operational parameters recorded during the emission survey period.</p> <p>Alternative test methods may be considered if a draft test plan, including rationale and proposed test protocols, is submitted to Metro Vancouver at least 31 days prior to conducting the stack test.</p>	Particulate Matter, Total Volatile Organic Compounds, Combustion Condensable Particulate Matter	Metro Vancouver AQ02/02/1.00M, EPA Test Method 202, EPA Test Method 25A	Stack
23	September 30, 2013	Once	Submit a written report detailing the measured discharge rate and concentration of particulate matter, including condensable particulate matter, nitrogen oxides, methane, ammonia and volatile organic compounds in the emission.	Methane, Nitrogen Oxides, Combustion Condensable Particulate Matter,	EPA Test Method 7E, EPA Test Method CTM-042 (Conditional Test Method), EPA	Stack

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SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	PARAMETER(S)	TEST METHOD	REPORT TYPE
			<p>The report shall also detail the veneer dryer operating conditions including type of veneer and species dried production rates for the veneer dryer (including comparison to normal and/or typical production rates) together with details of the WESP operational parameters recorded during the emission survey period.</p> <p>Alternative test methods may be considered if a draft test plan, including rationale and proposed test protocols, is submitted to Metro Vancouver at least 31 days prior to conducting the stack test.</p>	Combustion Particulate Matter 10, Total Volatile Organic Compounds, Ammonia	Test Method 202, Metro Vancouver AQ02/02/1.00M, EPA Test Method 25A, EPA Test Method CTM-027 (Conditional Test Method)	
13, 23	March 31, 2018	Every 5 Years	<p>Submit a written report detailing the measured discharge rate and concentration of ammonia, methane, nitrogen oxides and volatile organic compounds in the emission.</p> <p>The report shall also detail the veneer dryer operating conditions including type of veneer and species dried production rates for the veneer dryer (including comparison to normal and/or typical production rates) together with details of the GeoEnergy E-Tube wet-electrostatic precipitator operational parameters recorded during the emission survey period.</p>	Ammonia, Methane, Nitrogen Oxides, Combustion Volatile Organic Compound	EPA Test Method 7E, EPA Test Method CTM-027 (Conditional Test Method), EPA Test Method CTM-042 (Conditional Test Method), EPA Test Method 25A	Stack

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SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	PARAMETER(S)	TEST METHOD	REPORT TYPE
			Alternative test methods may be considered if a draft test plan, including rationale and proposed test protocols, is submitted to Metro Vancouver at least 31 days prior to conducting the stack test.			



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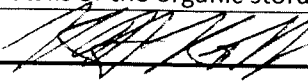
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B. INFORMATION REPORTING REQUIREMENTS

The permit holder shall submit electronic reports containing the required information to the District Director by the dates specified below using a password enabled web based application provided by Metro Vancouver.

EMISSION SOURCE	DUE DATE	FREQUENCY	REQUIREMENT	REPORT TYPE
16, 27	March 31, 2013	Yearly	Written report indicating inspection frequency, maintenance and monitoring of the Baghouse. This report shall also include any actions taken or proposed to solve any problems detected.	Baghouse
23	March 31, 2013	Yearly	Submit a written report indicating frequency of inspection, maintenance and monitoring of the GeoEnergy E-tube wet-electrostatic precipitator. This report shall also include any actions taken or proposed to solve any problems detected.	Information - Other
Facility	March 31, 2013	Yearly	Written report providing details of the types and amounts of principle products produced and principal raw materials used in the preceding calendar year.	Materials and Products
Facility	March 31, 2013	Yearly	Submit a written report providing details of the types, amounts and end use of organic solvents and organic solvent-containing materials used in the preceding calendar year(including the organic liquid storage tank).	Solvent Use
Facility	March 31, 2013	Yearly	Submit a written report providing details of the organic storage tank	Information

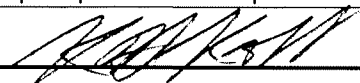
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			capacity, the material stored and the annual throughput for each tank for the preceding calendar year.	- Other
Facility	March 31, 2013	Yearly	Submit a written report providing details of the types and amounts of fuel burned in the preceding calendar year.	Fuel Use
01, 04, 09, 10, 11, 12, 13, 23, 24, 30	March 31, 2013	Yearly	Written report providing details of the total number of hours and days operated in the preceding calendar year. Detailed records are to be maintained in a written bound log or other format approved by the District Director and made available for inspection by Environmental Regulation and Enforcement staff for a minimum period of three years.	Operating Period
13	March 31, 2013	Yearly	Written report detailing the maintenance and repair record (including the percentage availability) of equipment required to monitor the temperature in the radiant section of the furnace during the previous calendar year. The temperature in the radiant section of the furnace shall be continuously monitored and recorded in a conveniently visible location. This temperature measurement system shall be calibrated at the discretion of, and in a manner acceptable to the District Director. The continuous record is to be maintained and made available for inspection by Environmental Regulation and Enforcement staff for a minimum of three years.	Information - Other
11, 12	March 30, 2013 End Date: March 31, 2018	Yearly	Submit a written report on the commissioning and progress of dryers 2 and 3 tie in to the new Wet Electrostatic Precipitator. The tie in of dryers 2 and 3 is due for completion in 2018.	Information - Other
13	September 30, 2013	Yearly	Submit a written report indicating frequency of inspection, maintenance and monitoring of the wet-electrostatic precipitator. This report shall also	Information - Other



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			include any actions taken or proposed to solve any problems detected.	
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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.



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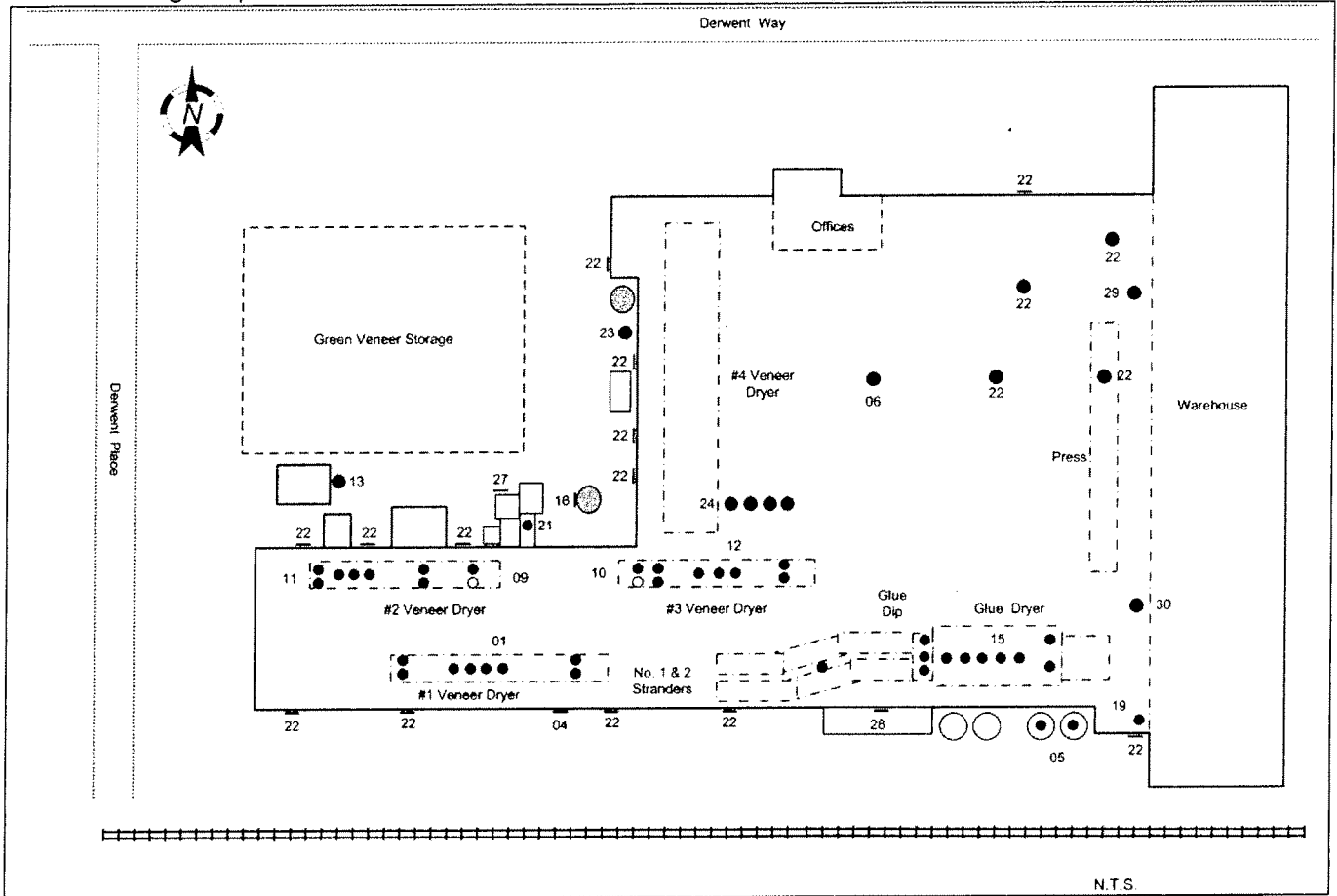
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SECTION 4 – SITE PLAN

LEGAL DESCRIPTION OF DISCHARGE SITE: Municipality of Delta, Parcel Identifier: 011-149-124, Lot 204, District Lot 351, Group 1, New Westminster District, Plan 77846.

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



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