



## LICENCE B002

**Pursuant to:**

The Integrated Solid Waste and Resource Management Plan for Metro Vancouver and the Greater Vancouver Sewerage and Drainage District Municipal Solid Waste and Recyclable Material Regulatory Bylaw No. 181, 1996 (as amended) and the BC Environmental Management Act, S.B.C. 2003, c.53

**Issued to:**

733166 B.C. Ltd

doing business as Western Material Recovery

(the "Licensee")

**To Authorize:**

the operation of a Brokering Facility

**Located at:**

11610 Twigg Place, Richmond, BC V6V 2K7

(the "Facility")

**Effective Period:**

The terms and conditions set out in the Licence apply to the existing or planned Facility as of  
July 01, 2016

All previous versions of this Solid Waste Licence are hereby rescinded and rendered null and void.

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Issued: October 13, 2000  
Amended: June 08, 2016

Rick Laird  
Deputy Solid Waste Manager

## GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT SOLID WASTE LICENCE

### 1. GENERAL

If any portion of this Licence is deemed *ultra vires*, illegal, invalid or unenforceable in any way in whole or in part by any court of competent jurisdiction, such decision shall not invalidate or void the remainder of this Licence, the parts so held to be *ultra vires*, illegal, invalid or unenforceable shall be deemed to have been stricken therefrom with the same force and effect as if such parts had never been included in this Licence or revised and reduced in scope so as to be valid and enforceable.

### 2. DEFINITIONS AND INTERPRETATION

In this Licence terms defined in the Bylaw shall have the same meaning for the purpose of this Licence unless otherwise defined in this Licence and,

**"Environmental Management Act"** means the Environmental Management Act, S.B.C. 2003, c. 53 as such Act exists or may be amended from time to time

**"Gypsum Waste"** means waste gypsum board from any source, including manufacturing, demolition, and construction

**"Hazardous Waste"** shall have the same meaning as defined by the Environmental Management Act Hazardous Waste Regulation, B.C. Reg. 63/88

**"Municipal Solid Waste"** shall have the same meaning set out in section 23 of the Environmental Management Act

**"Putrescible Waste"** means Municipal Solid Waste that has the potential to decompose with the formation of malodorous byproducts, combustible gases, or toxic leachate

**"Quantity"** (singular or plural) includes any gases, liquids, or solids intermingled with Municipal Solid Waste and Recyclable Material

**"Recyclable Material"** shall have the same meaning as defined in the Bylaw

**"Residual Waste"** means solid waste remaining after reduction, reuse, recycling, recovery, or other activities conducted at a Facility, for which disposal is required

**"White Goods"** means stoves, refrigerators, freezers, washers, dryers, hot water heaters, air conditioners, dehumidifiers, or dishwashers

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### **3. MATERIAL BANS**

Disposal of the following materials are banned or restricted. They are either recyclable or hazardous.

- Yard Waste
- Newspapers
- Corrugated Cardboard
- Office Paper
- Gypsum Waste
- Lead Acid Batteries
- Electronic Waste
- Paints Solvents and Flammable Liquids
- Clean Wood Waste
- Medications/Pharmaceuticals
- Blue Box Recyclable Material
- Beverage Containers (all except milk)
- Tires
- Oil Filters and Empty Oil Containers
- Pesticides, Solvents and other Household Hazardous Waste
- Mattresses
- Food Waste

All reasonable efforts shall be made to recover Recyclable Material from all materials received at the Facility, for the purpose of recycling.

### **4. FACILITY**

#### **4.1. Location of Authorized Facility**

The operation of the Facility to which this Licence applies shall be restricted to the land legally described as Parcel Identifier: 014-594-544, Lot C, District Lot 459, Group 1, New Westminster District Plan 82339.

#### **4.2. Access**

The Licensee shall provide locking gates on all entrances to prevent unauthorized access and ensure that they are locked at all times the Facility is unattended. Access routes to and through the Facility shall be constructed from suitable material satisfactory to the Solid Waste Manager and capable of providing all weather access for all emergency vehicles. The Licensee may be required by the Solid Waste Manager to provide fencing, trees, shrubbery, or natural features so as to limit access to the Facility.

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### 4.3. Signage

The Licensee shall ensure that at all times the Facility has a sign posted at the entrance clearly identifying the name and address of the Facility, owner and operator, contact phone number, emergency phone number, hours of operation and information on acceptable and unacceptable materials. This sign shall be of a size and have print that is easily readable from the Facility entrance. Additional signs which clearly indicate the direction to the active receiving areas, tipping area, recycling and waste separation areas, etc. may be required by the Solid Waste Manager.

### 4.4. Communications

The Licensee shall ensure that at all times the Facility has telephone or other communication equipment to immediately summon fire, police or emergency service personnel in the event of an emergency.

### 4.5. Facility Works

The works pertaining to this Licence include, but are not limited to:

- a drainage collection system including catch basins, sewerage, and sump pump
- asphalt containment curbing
- Facility drainage storage/settling 15800L tank
- wheel wash

The Licensee shall ensure that all facility works are maintained in good working order at all times. The Solid Waste Manager may require the Licensee to repair, alter, remove, improve or add to works or construct new works.

## 5. OPERATING REQUIREMENTS

### 5.1. Acceptable Material

For the purpose of recovering and brokering Recyclable Material, the Facility may accept the following types of Municipal Solid Waste and Recyclable Material:

- (1) Gypsum Waste
- (2) other materials specifically authorized in writing by the Solid Waste Manager and such authorization shall be deemed to form part of this Licence.

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Residual Waste accompanying the acceptable material in (1) and (2) above shall not exceed 10% by weight or volume of any given load.

**5.2. Unacceptable Material**

The Facility shall not accept:

- (1) any other waste not authorized in Section 5.1 of this Licence and specifically not:
- (2) Hazardous Waste
- (3) liquid or semi-solid waste
- (4) Putrescible Waste

Unacceptable Material entering the Facility or observed upon receipt at the Facility shall be refused and removed by the hauler. Unacceptable Material discovered at a later time, shall be segregated from other waste material and removed within 48 hours of its discovery, unless a separate legislative regime applies with respect to removal, such as that applicable to Hazardous Waste.

**5.3. Quantities**

The Quantity limits outlined in this Licence shall apply regardless of the state, condition, or form of the Municipal Solid Waste and Recyclable Material.

The Quantities that may be at the Facility at any given time shall not exceed:

- (1) Gypsum Waste **100 metric tonnes or 153 cubic metres**
- (2) Recyclable Material - Gypsum Product **30 metric tonnes or 46 cubic metres**
- (3) paper by-product **30 metric tonnes or 46 cubic metres**

The Solid Waste Manager may require the Licensee to retain a British Columbia Land Surveyor, or other qualified professional satisfactory to the Solid Waste Manager, to carry out a survey of the Quantity of Municipal Solid Waste and Recyclable Material at the Facility, and submit the results of the survey to the Solid Waste Manager. If the survey results indicate the Quantity of Municipal Solid Waste or Recyclable Material at the Facility exceeds the authorized volume in cubic metres, the Licensee shall refrain from accepting the specified Municipal Solid Waste or Recyclable Material until such time as the Quantity is less than the authorized volume in cubic metres.

**5.4. Supervision and Load Inspection**

An attendant employed by the Licensee shall be present at all times that the Facility is open for business or accepting material and shall inspect every load entering the Facility before and after unloading to ensure it complies with the requirements of this Licence before mixing with any other loads. A record

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shall be maintained of rejected loads including date, time, type of material, hauler's name, and vehicle licence number.

### **5.5. Material Handling and Storage**

Incoming materials shall be unloaded by hoist truck, walking floor trailer, fork lift, crane truck, or by hand in the designated area and monitored by staff at all times. Unprocessed materials shall be moved inside the building for processing on a daily basis. Processed materials shall be loaded into trailers inside the building for transport to end users on a daily basis. Material shall be removed from the Facility in end dump and walking floor trailers.

Residuals shall be disposed of in three cubic yard storage bins. The bins shall be emptied once per week, or when full.

### **5.6. Operating Practices**

All processing shall occur inside the building to minimize dust. Unprocessed material shall be lightly sprayed with water during dry periods or mixed with wet material before loading into plant hoppers. Vehicles delivering large quantities by truck shall have water applied to the material as they unload when weather conditions are dry. A hose shall be available for use at all times. The entrance driveway shall be watered when weather conditions are dry to prevent vehicles from tracking gypsum dust. All vehicles delivering material to the facility must exit through the wheel wash to prevent gypsum mud from tracking onto the street.

The onsite storm drain leading to City of Richmond Storm Sewer must remain capped. Gypsum mud (sludge) which collects in the site storm drains shall be cleaned regularly as needed. Sludge shall be removed from the collection tank and wheel wash and applied to dry material inside the building annually or as necessary.

Asphalt speed bumps (three inches high) parallel to the roadway, running the distance of the Facility's entrance and exit driveways prevent water (gypsum mud) from escaping the Facility's perimeter. Water and gypsum mud from this area shall be directed to the storm drain catch basin.

### **5.7. Drainage**

The Licensee shall ensure that storm water and other runoff from the Facility which collects in the storm drains catch basin is removed using a sump pump, into an above ground steel tank located on the northwest side of the site parallel to the roadway. Only clear water may be discharged from the tank after a minimum 10 hour settling time. Clear water may be discharged from the wheel wash only after adequate settling. All outdoor areas where gypsum waste or residue is handled shall have an impermeable surface and drain completely to an appropriately designed storm water collection system

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and settlement tank approved by the Solid Waste Manager. The Licensee, on an ongoing basis, shall take appropriate actions to prevent all gypsum dust generated at the Facility from entering the City of Richmond storm water system.

The Solid Waste Manager may require the Licensee to provide groundwater and surface water monitoring information.

### **Storm Water Monitoring**

The Licensee shall obtain a grab sample representative of typical storm water discharge from the Facility before it enters the City of Richmond Storm Sewer System once every month for which discharge occurs. The sample shall be analyzed by an accredited laboratory and the results submitted to the Solid Waste Manager within 30 days of the sampling date. The following analysis shall be performed on the sample:

- Dissolved Sulphate, Total Sulphide, Total Boron, pH, Total Suspended Solids.

The Solid Waste Manager may alter the frequency of sampling and the parameters to be sampled as deemed necessary.

In addition the Licensee shall maintain a daily record of the quantity of storm water discharged from the Facility to the City of Richmond storm water sewer system and submit to the Solid Waste Manager at the same time as the sampling results.

The following water quality limits for the protection of the marine aquatic life (*BC Environment Approved and Working Water Quality Criteria - 1995*) apply to the discharge of storm water from the Facility.

- |                         |   |
|-------------------------|---|
| •pH                     | 6.5 - 8.5   |
| •Total Boron            | 5 mg/L  |
| •Total Sulphide         | 0.002 mg/L  |
| •Dissolved Sulphate     | 100 mg/L  |
| •Total Suspended Solids | 10 mg/L (if background* <100 mg/L)<br>10% if background * >100 mg/L |

\* Total Suspended Solids background information for the Fraser River is available at the District Offices or through Environment Canada.

Sampling shall be carried out by the Licensee in accordance with the procedures described in the latest version of "British Columbia Field Sampling Manual for Continuous Monitoring plus the Collection of Air, Air Emission, Water, Wastewater, Soil, Sediment and Biological Samples, 1996 Edition" or by suitable alternative procedures as authorized by the Solid Waste Manager.

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- (4) any other investigations, tests, or other actions in accordance with methods and procedures approved by the Solid Waste Manager.

Any assessments, investigations, tests, surveys and other actions may be required by the Solid Waste Manager to be undertaken by an independent third party acceptable to the Solid Waste Manager.

### **5.10. Area Maintenance, Vector and Nuisance Controls**

- (1) The Licensee shall maintain public and private roadways within 100 metres of the Facility free from litter, mud or debris which may be directly attributed to the Facility, its customers, or its suppliers.
- (2) The Licensee shall control litter by way of litter control fences or barriers, litter pickup, or any other measures deemed necessary by the Solid Waste Manager.
- (3) Vectors shall be controlled by way of best operating practices, pest controls or any other measures deemed necessary by the Solid Waste Manager.
- (4) The Licensee shall prevent nuisance occurrences by way of best operating practices, control works or any other measure deemed necessary by the Solid Waste Manager.

**This Licence does not authorize the discharge of air contaminants, including dust and odorous substances, from the Facility.**

### **5.11. Burning Prohibited**

Burning of any material at the Facility is prohibited.

### **5.12. Fire Protection**

The Licensee shall provide and maintain an adequate water supply or equivalent on site for extinguishing any fires, should they occur.

In the event of a fire the Licensee shall:

- (1) immediately notify the local fire department and the Solid Waste Manager (telephone number: 7:30 AM – 11:30 PM 604-436-6777, 11:30 PM – 7:30 AM 604-643-8488, facsimile number: 604-436-6707, email: regulationenforcement@metrovanancouver.org), and
- (2) take all measures necessary to extinguish the fire.

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### **5.13. Emergency Conditions**

In the event of an emergency or condition beyond the control of the Licensee which prevents the effective operation of the Facility or works the Licensee shall:

- (1) immediately notify the Solid Waste Manager (telephone number: 7:30 AM – 11:30 PM 604-436-6777, 11:30 PM – 7:30 AM 604-643-8488, facsimile number: 604-436-6707, email: [regulationenforcement@metrovanancouver.org](mailto:regulationenforcement@metrovanancouver.org)), and
- (2) take all necessary action to resolve the emergency or condition to return the Facility to effective operation.

Notwithstanding 1 and 2 above, the Solid Waste Manager may specify contingency actions to be implemented while the works and/or standard operating procedures are being restored.

### **5.14. Closure Plan**

The Licensee shall notify the Solid Waste Manager of plans and dates regarding the closure of the Facility. This notification is to occur at least 30 days prior to the closure of the Facility. The Licensee shall provide all haulers 30 days notice to find alternative Municipal Solid Waste and Recyclable Material facilities, prior to closure of the Facility. In the event of permanent closure, all equipment shall be dismantled and removed from the Facility, materials ready for market shall be shipped, and any Municipal Solid Waste shall be disposed of at an authorized facility.

## **6. INSPECTIONS**

### **6.1. Inspections**

The Licensee shall conduct daily inspections of the Facility. These inspections shall include building, machinery, Facility Works, equipment, site drainage, security features, nuisance control works, vector abatement systems and litter controls. The Licensee shall ensure all are maintained in good working condition. The results of the inspections are to be recorded. Any defective conditions shall be corrected or repaired promptly. In addition, routine maintenance on machinery and equipment shall be conducted as specified by the manufacturers and recorded. Inspection reports and routine maintenance records shall be retained for a minimum of three (3) years and made available for examination if required by the Solid Waste Manager or an Officer.

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## **7. REPORTING**

### **7.1. Quarterly Reporting of Quantities**

The Licensee shall record the Quantity and type of Municipal Solid Waste and Recyclable Material received at the Facility and Recyclable Material and Residual Waste shipped from the Facility each day. Records of monthly Quantities of Municipal Solid Waste and Recyclable Material received at the Facility and Recyclable Material and Residual Waste shipped from the Facility shall be suitably tabulated and submitted to the Solid Waste Manager on a quarterly basis by the end of January, April, July and October of each year for the preceding calendar quarter.

The reports shall be submitted electronically using the supplied password-enabled web based application.

### **7.2. Record Keeping**

The Licensee shall retain, for the previous three (3) years of operation, the following at 26025 - 8000 No 3 Road, Richmond and shall produce the same for examination if required by the Solid Waste Manager or an Officer:

- (1) a copy of this Licence

The Licensee shall retain the following at 11610 Twigg Place, Richmond and shall produce the same for examination if required by the Solid Waste Manager or an Officer:

- (1) a copy of this Licence
- (2) copies in electronic or hard-copy form of all invoices, bills, statements, weigh-scale records and other evidence relating to the quantity and type of Municipal Solid Waste or Recyclable Material that is,
  - (a) received at the Facility,
  - (b) removed from the Facility and delivered to:
    - (i) a Disposal Facility that is licenced under the Bylaw;
    - (ii) a Regional Facility;
    - (iii) a recycling broker or such other facility that manages Recyclable Material acceptable to the Solid Waste Manager; or
    - (iv) any other type of facility, person or location
- (3) records of inspections of the Facility, building, machinery, Facility Works, equipment, site drainage, security features, nuisance control works, vector abatement systems and litter controls
- (4) records of rejected loads including date, time, type of material, hauler's name, and vehicle

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- licence number for the previous year of operation  
(5) any other records required by the Solid Waste Manager

### **8. TERMS**

#### **8.1. Notification of Change of Ownership or Control of the Licence**

The Licensee shall notify the Solid Waste Manager of a change in the ownership, or control of the Facility, or any change in control of the Licensee. This notification shall be provided at least one month prior to the change. A transfer or assignment of a Licence is without effect without the prior written approval of the Solid Waste Manager.

#### **8.2. Notice**

Any notice required to be delivered to the Licensee under this Licence shall be delivered or deemed to have been delivered if such notice is:

- (1) mailed by registered mail to the registered or records office of the Licensee or to the address the Licensee is authorized to operate,
- (2) delivered to the registered or records office of the Licensee,
- (3) delivered to an adult individual at the Facility who appears to be an employee of the Licensee or appears to be in control of the Facility,
- (4) delivered to a director, officer, liquidator, trustee in bankruptcy or receiver manager of the Licensee, or
- (5) posted on the door or gate of the Facility, where no one is present at the Facility or the Facility appears to be abandoned.

#### **8.3. Suspension and Cancellation**

This Licence may be suspended or cancelled in accordance with the Bylaw.

### **9. SECURITY AND PERFORMANCE**

As a condition of this Licence, the Licensee shall provide and maintain security as described in this Section 9. The security shall remain in place until the Licensee has completed the Facility closure to the satisfaction of the Solid Waste Manager.

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**9.1. Purpose of Security**

The purpose of the security is as follows:

- (1) to indemnify the GVS&DD for any expenses arising out of default by the Licensee under this Licence,
- (2) to remove, process, treat, or utilize Municipal Solid Waste or Recyclable Material at the Facility,
- (3) to control or stop the escape of leachate or contaminated run-off from the Facility,
- (4) to remediate the site following a fire at the Facility,
- (5) to cover expenses, including legal expenses, incurred by the GVS&DD in
  - (a) carrying out the activities described in this section 9, and
  - (b) enforcing or complying with any laws or enactments of the GVS&DD as they relate to the administration of this Licence,
- (6) to pay outstanding fees required under the Bylaw,
- (7) to complete Facility closure, and
- (8) to conduct remedial work that may be necessary to rectify a continuing default by the Licensee under this Licence.

To the extent that remedial work is required, the Licensee agrees to permit and grant access to the GVS&DD, its employees, agents and contractors, on and to the site of the Facility to carry out such remedial work as may be necessary.

**9.2. Nature of Security**

The security shall be in the amount of **\$8,250.00** or adjusted pursuant to Section 9.3, and shall be provided and maintained as follows:

- (1) The first \$5,000.00 Security Fee Deposit Amount shall be provided in the form of cash or an irrevocable Letter of Credit provided by a Canadian Chartered Bank. The Letter of Credit shall be irrevocable and may be drawn upon by written demand of the Solid Waste Manager. The Letter of Credit shall be issued in favour of the Greater Vancouver Sewerage and Drainage District and shall be in a form satisfactory to the Solid Waste Manager, and
- (2) The balance of the security shall be provided and maintained in any of the following forms:
  - (a) cash,
  - (b) an increase in the value of any Letter of Credit provided under subsection (1) to the full amount of the security,
  - (c) a trust fund,
  - (d) a surety bond, and
  - (e) any other form satisfactory to the Solid Waste Manager.

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The instrument referred to in (b), (c), and (d) shall be provided in a form satisfactory to the Solid Waste Manager.

**9.3. Review of Security**

The amount of security required under this Licence may be reviewed and adjusted periodically at the sole discretion of the Solid Waste Manager at any time during the term of this Licence.

**9.4. Conditions for Drawing on Security**

If the Licensee defaults under or fails to comply with any provision of this Licence and does not cure the default or failure within the time specified by the Solid Waste Manager, in a written notice delivered to the Licensee informing the Licensee of such default or failure, the security may be drawn upon and used at the discretion of the Solid Waste Manager, acting reasonably, for the following purposes set out in Section 9.1.

Nothing in this Licence shall obligate the GVS&DD to draw on any security provided under this Licence or undertake any action to cure any default or failure of the Licensee. The exercise by the GVS&DD of any power to cure any default or failure by the Licensee under this Licence shall not create any obligation or liability on the GVS&DD to complete the curing of any default or failure or to complete the Facility closure.

If all or any portion of the security is drawn upon, the Solid Waste Manager may require the Licensee to replenish or adjust the security as outlined in Sections 9.2 and 9.3.

**9.5. Conditions for Returning Security**

The security, or any balance remaining after it may have been drawn upon in accordance with the terms of this Licence, will be returned to the Licensee upon the Licensee completing the Facility closure to the satisfaction of the Solid Waste Manager.

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