



Conservation and Water Stewardship  
Environmental Stewardship Division  
Environmental Approvals Branch  
123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5  
T 204 945 7086 - F 204 945 5229 [www.gov.mb.ca/conservation/eal](http://www.gov.mb.ca/conservation/eal)

Client File: 5638.00

May 6, 2015

Ms. Krista Olafsson  
Environmental Compliance and Enforcement  
Conservation and Water Stewardship  
1007 Century Street,  
Winnipeg MB R3H 0W4

Dear Ms. Olafsson:

**Re: CITY OF WINNIPEG BRADY ROAD RESOURCE MANAGEMENT FACILITY – HOUSEHOLD  
HAZARDOUS WASTE DEPOT – DGHTA LICENCE PROPOSAL - FILE: 5638.00**

The responses from the Technical Advisory Committee (TAC) that requested additional information regarding City of Winnipeg Brady Road Resource Management Facility – Household Hazardous Waste Depot – DGHTA Licence Proposal were forwarded to the proponent for response.

Please find attached the proponent's May 5, 2015 letter responding to the comments and requests for additional information presented by the TAC. Please review the information provided to determine if your comments or concerns have been satisfactorily addressed.

Your comments, if any, are required to be submitted to the Environmental Approvals Branch by May 21, 2015. No response on your part will be assumed to indicate no concern.

If you have any questions in this regard, please contact the undersigned at (204) 945-7086 or e mail at [raj.rathamano@gov.mb.ca](mailto:raj.rathamano@gov.mb.ca).

Yours sincerely,

*"Original signed by"*  
*Raj Rathamano*  
Hazardous Waste Program Specialist/  
Environment Officer

*Enclosure*

C: Donna Smiley, Provincial Manager –Manitoba Conservation and Water Stewardship  
Yvonne Hawryliuk, Regional Supervisor – Manitoba Conservation and Water Stewardship  
Public Registries



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File: 5638.00

May 6, 2015

Ms. Cheryl Kubish  
Administrative Assistant  
Office of the Fire Commissioner  
508-401 York Avenue  
Winnipeg MB R3C 0P8

Dear Ms. Kubish:

**Re: CITY OF WINNIPEG BRADY ROAD RESOURCE MANAGEMENT FACILITY – HOUSEHOLD  
HAZARDOUS WASTE DEPOT – DGHTA LICENCE PROPOSAL - FILE: 5638.00**

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***"Original signed by"***

***Raj Rathamano***

**Hazardous Waste Program Specialist/**

**Environment Officer**

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C: Donna Smiley, Provincial Manager –Manitoba Conservation and Water Stewardship  
Yvonne Hawryliuk, Regional Supervisor – Manitoba Conservation and Water Stewardship  
**Public Registries**

May 5, 2015



Environmental Approvals Branch  
Manitoba Conservation  
Suite 160 – 123 Main Street  
Winnipeg, Manitoba R3C 1A5

Attention: Mr. Raj Rathamano  
Hazardous Waste Program Specialist / Environment Officer

***Dangerous Goods Handling and Transportation Act Application (File No. 5638.00) –  
Response to Comments from TAC***

Dear Mr. Rathamano:

On behalf of the City of Winnipeg (Winnipeg), we have prepared the following responses to comments received from the Technical Advisory Committee (TAC) members via a letter from your office dated April 14, 2015.

Comments received from TAC are listed with corresponding responses listed below each comment. Comments presented for information purposes were also received and have been noted by the proponent (City of Winnipeg).

1. Please identify the end disposal facility for each of the wastes listed in Table 1 of the proposal.  
See attached Table 1B.
2. Does the proponent intend to install bollards around the aboveground used oil tank to prevent damage to the tank?  
The above ground used oil tank will be inside the building (see revised Figure 2, attached); it is expected that the building will prevent damage to the tank.
3. What is the proposed method of disposal for the spilled material, runoff, snowmelt, or rainwater collected in the sump/catch basin area?  
The sump provides 380 litres of storage, and includes a "drain guard" to filter sediment and maintain sump capacity. The liquid in the sump flows will be removed by a vac truck (vactor) and sent to an appropriate facility (e.g. Miller Environmental for chemicals, Green for Life for hydrocarbons). Spill kits will also be strategically located at the facility to mitigate migration of spills that may occur.
4. What is the protocol for accepting materials at the site? Are there any materials that will be considered unacceptable?  
Customers will be greeted by staff, and drop-off items will be reviewed prior to being accepted. Training will be provided to staff to understand which materials are accepted. Only materials listed in the proposal will be accepted at the site.

1558 Willson Place  
Winnipeg, Manitoba  
Canada  
R3T 0Y4  
Telephone  
204.453.2301  
Fax  
204.452.4412

May 5, 2015

5. What equipment will be utilized in the HHW building? Where will it be stored/maintained when not in use?  
A hand-jack will be utilized in the HHW building. The hand-jack will be stored either in the maintenance building at the BRRMF, or in the HHW building ("under" one of the pallets).
6. Please identify what will be used for the "drain guard" and how it will be monitored/maintained?  
Product information sheet attached. Drain guard will be "inspected" on a monthly basis, or when spills are evident around the sump. The drain guard fabric will be replaced in accordance with manufacturer recommendations.
7. The proponent will be required to update their HW generator registration information to include additional wastes identified in the proposal.  
HW generator registration information is in the process of being updated (see attached form).

In addition, we are proposing to install the used oil tank inside the HHW building rather than on the outside, as requested by the Manitoba Association for Resource Recovery Corp. (MARRC). The revised layout of the building is shown on Figure 2 (attached). We are currently in discussion with the City of Winnipeg regarding building and occupancy permits for the HHW building based on the proposed revised design. Furthermore, a Fire Safety Plan in conformance with Section 2.8 of the Manitoba Fire Code will be submitted to the Winnipeg Fire Department.

Please feel free to contact me if you have any questions.

Yours sincerely,

**DILLON CONSULTING LIMITED**



Ash Raichura, P.Eng.  
Project Manager

ARR/bk

Attachments: Hazardous Waste Registration Form  
Table 1B – List of Destinations for HHW Received  
Table 1C – Waste Description Table for Hazardous Waste Registration Form  
Figure 2 – HHW Building floor plan (revised)  
Drain Guard product information sheet

cc. Alexander Singbell, City of Winnipeg

**GENERATOR REGISTRATION AND CARRIER LICENCING REGULATION M.R. 175/87**



**HAZARDOUS WASTE REGISTRATION FORM**

Check all that apply:  New Company  Name Change  Moved  Additional Site  Update

**Section 1 Generator Identification**

Generator (Legal Name): City of Winnipeg Corp. File # if app.: MBG13146  
 Mailing Address: 1120 Waverley Street City: Winnipeg Prov. MB Postal code R3T 0P4  
 Operation Name: 4R Winnipeg Depot Site Location: Brady Road Resource Management Facility  
 Operation Mailing Address: Same City \_\_\_\_\_ Prov. \_\_\_\_\_ Postal Code \_\_\_\_\_

**Section 2 Waste Description**

Physical state	TDG Shipping name	UN Number	TDG Class	Packing Group	Provincial waste class code	Quantity generated per month	Frequency of generation	Treatment/disposal code
a)	see attached Table 1C							
b)								
c)								
d)								

**Section 3 Waste Management Information**

General business type Waste management facility - receipt of residential household hazardous waste  
 Source of hazardous waste Residential drop-off  
 Hazardous waste carrier(s) used see attached Table 1C  
 Hazardous waste receiver(s) used see attached Table 1C

**Section 4 Certification**

*I certify that the information provided on this form is correct and complete.*

Signature of Contact Person with the Operation:  Date (dd/mm/yy): 05-05-15

Print Name of Contact Person: Ash Raichura, P.Eng. Position/Title: Consultant

Telephone: 204-453-2301 Fax: \_\_\_\_\_

**For departmental use only :** MBG \_\_\_\_\_ Business Code \_\_\_\_\_ Region \_\_\_\_\_ Form checked by \_\_\_\_\_ Form processed by \_\_\_\_\_

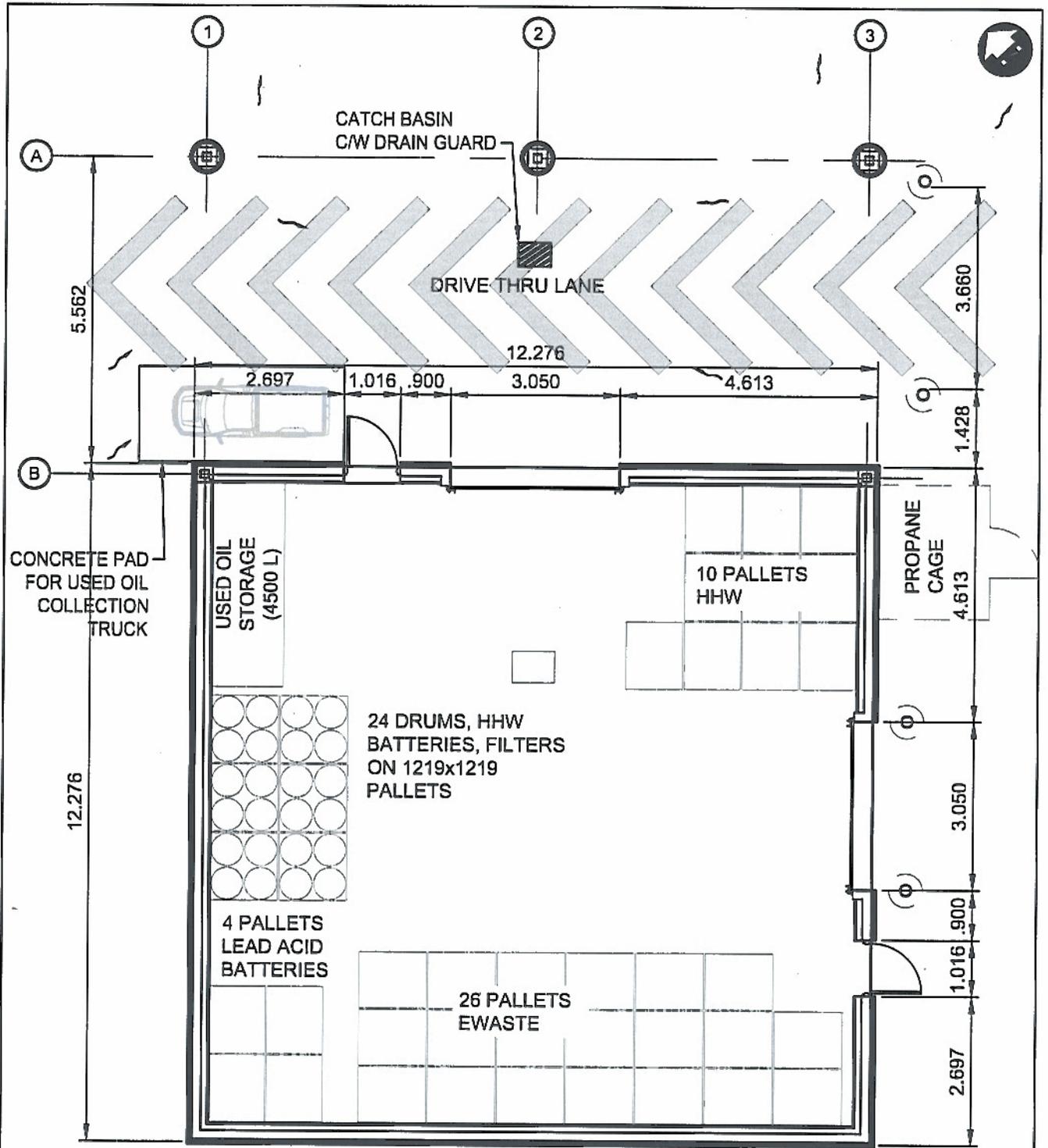
Personal Information is collected under the authority of the Dangerous Goods Handling and Transportation Act, Generator Registration and Carrier Licensing Regulation M. R. 175/87, and will be used to issue the Hazardous Waste Registration Number (Provincial ID number) and for administration and enforcement purposes. It is protected by the privacy provisions of The Freedom of Information and Protection of Privacy Act. If you have any questions, contact the Access & Privacy Co-ordinator, Box 85, 200, Saulteaux Crescent, Winnipeg MB R3J 3W3; 1 (204) 945-4170.

Table 1B: List of Destinations for HHW Received

HHW	Estimated Quantity	Units	Estimated Frequency of Removal	Destination	PRO
Paint	170,000	Litres	Weekly	Miller Environmental	PCA
Flammable liquids	15	Tub skids	Weekly	Miller Environmental	PCA
Used oil	75,000	Litres	Semimonthly	Miller Environmental	PCA
Used oil filters	2,000	Units	Semimonthly	Licensed oil recycler - likely Green for Life	MARRC
Flammable gas				Miller Environmental	PCA
Non-Program Cylinders (propane, Freon, medical oxygen, etc.)	1,000	Cylinders	Monthly	Miller Environmental	Green MB through agreement with PCA
Toxics and non-regulated				Miller Environmental	
Toxic materials	20	Drums	Weekly	Miller Environmental	Green MB through agreement with PCA
Compact fluorescent bulbs	40,000	Bulbs	Weekly	Miller Environmental	PCA
Fluorescent tubes	20,000	Tubes	Monthly	Miller Environmental	PCA
Sharps (syringes, lancets)	1	kg	Bi-weekly	Stericycle	PRO involvement TBD
e-Waste	400	Tonnes	Bi-weekly	Exner E-Waste Processing Inc.	
Corrosives				Miller Environmental	Green MB through agreement with PCA
Corrosive materials	15	Drums	Weekly	Miller Environmental	Green MB through agreement with PCA
Automotive batteries	25	Tonnes	Monthly		
Lead Acid Batteries	20	Tonnes	Month	Gerdau	
				Gerdau	

Table 1C. Waste Description Table for Hazardous Waste Registration Form

HRW Part	Physical State	Description	UN Number	TDG Class	Packaging Group	Provisional Waste Class Code	Estimated Quantity generated per month	Units	Estimated Frequency of Removal	Hazardous Waste Carrier	Hazardous Waste Receiver
Peroxide liquid	L	Waste Peroxide	1283	3	II	1453	14,170	Litres	Weekly	Milne Environmental	PCA
Used oil	L	Waste Flammable Liquid, non	1993	3	II	231F	1	Tub skids	Weekly	Milne Environmental	PCA
Used oil	L	Hazardous Waste (O2)	N/A	N/A	N/A	2527	6,250	Litres	Semi-monthly	Milne Environmental	PCA
Used oil	S	Hazardous Waste (O2 Flare)	N/A	N/A	N/A	2527	170	Units	Semi-monthly	Licensed oil incinerator - Enviro Green for Life	EMRRCC
Flammable gas	G	Waste Compressed Gas, Toxic, non	1955	2.3	N/A	3311	80	Cylinders	Monthly	Milne Environmental	PCA
Flammable gas	G	Waste Compressed Gas, Toxic, non	1955	2.3	N/A	3311	80	Cylinders	Monthly	Milne Environmental	Green US through agreement with PCA
Toxic materials	L	Hazardous Waste (Fluorescent Bulbs)	2810	6.1	II	148T	2	Drums	Weekly	Milne Environmental	Green US through agreement with PCA
Compound fluorescent tube	S	Hazardous Waste (Fluorescent Tubes)	N/A	N/A	N/A	148T	3,330	Bulbs	Weekly	Milne Environmental	PCA
Fluorescent tube	S	Hazardous Waste (Fluorescent Tubes)	N/A	N/A	N/A	148T	1,670	Tubes	Monthly	Milne Environmental	PCA
Sharps (syringes, needles)	S	Waste Infectious Substances, Affecting Humans	2814	6.2	RGII	312P	0.1	kg	Bi-weekly	Stericycle	PRO involvement TBD
e-Waste	S	Non Regulated	N/A	N/A	N/A	N/A	30	Tonnes	Bi-weekly	Essex E-Waste Processing Inc.	Green US through agreement with PCA
Corrosives	L	Waste Corrosive Liquid, non	1780	8	II	114C (Acid) / 122C (Ald)	1	Drums	Weekly	Milne Environmental	PCA
Corrosive material (Acid or Ald)	L	Waste Batteries, Wet, Flooded	2794	8	III	112C	2	Tonnes	Monthly	Milne Environmental	Green US through agreement with PCA
Automotive batteries	L	Waste Batteries, Wet, Flooded	2794	8	III	112C	2	Tonnes	Monthly	Condu	
Lead Acid Batteries	L	Waste Batteries, Wet, Flooded	2794	8	III	112C	2	Tonnes	Monthly	Condu	



ALL DIMENSIONS ARE IN METRES

**LEGEND**  
 FLOW DIRECTION

PALLETS ARE 1219 x 1016 UNLESS NOTED OTHERWISE

G:\CAD\13822-1100-General\03-Reports\Figure-2.dwg



4R WINNIPEG DEPOT

FLOOR PLAN

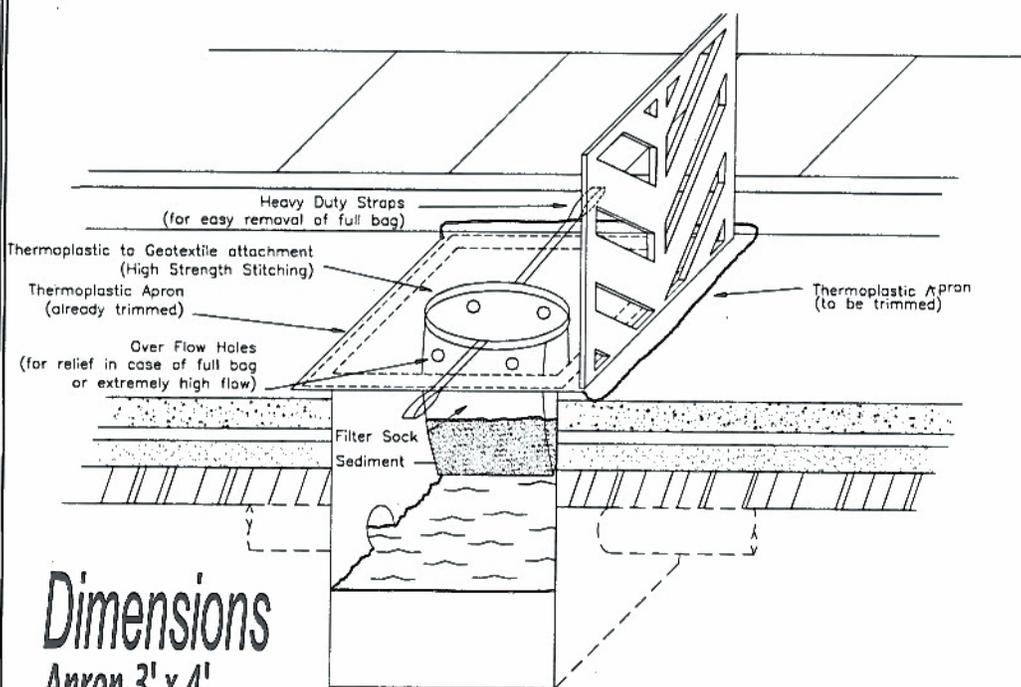
FIGURE 2

## CATCH BASIN SEDIMENT TRAP

Catch Basin Sediment Traps protect our rivers and streams by capturing sediment and debris at storm water catch basins. This new design utilizes a water inlet and mounting apron that ensures maximum flow and allows for a professional looking and virtually invisible installation. Our standard filter material is a non-woven geotextile with built-in overflow ports for cases of abnormally high water flow or over-filled filter bags.

### Installation Instructions

1. Unfold the Catch Basin Sediment Trap and locate the long straps on either side of the filter sock.
2. Remove grate and insert filter sock portion into catch basin. The apron will extend beyond the edges of the catch basin opening.
3. Extend the two straps underneath the apron until they reach beyond the apron and catch basin opening (see drawing).
4. Adjust the straps so only the short looped portion extends beyond the edge of the grate.
5. Install grate on top of the apron and straps.
6. Trim excess apron that extends beyond the installed grate using the grate edge as a trimming guide.
7. Be careful not to cut off the straps while trimming apron



### Dimensions

Apron 3' x 4'

Filter Sock 16" dia. x 24" long

### Removal Instructions

1. Before lifting the grate secure the CBST by standing on, or placing a bar through, the looped end of one of the straps.
2. Remove grate and lift out the CBST using both of the straps.
3. Dispose of the CBST according to local regulations and replace with a new CBST.

### Filter Material Specifications

<i>Mullen Burst</i>	<i>ASTM D 3786</i>	<i>400 PSI</i>
<i>Grab Tensile Strength</i>	<i>ASTM D 4632</i>	<i>200 LBS</i>
<i>Puncture Strength</i>	<i>ASTM D 4833</i>	<i>130 LBS</i>
<i>Trap Tear</i>	<i>ASTM D 4533</i>	<i>85 LBS</i>
<i>Water Flow Rate</i>	<i>ASTM D 4491</i>	<i>90 GPM/ft<sup>2</sup></i>
<i>AOS</i>	<i>ASTM D 4751</i>	<i>80 US sieve (.18 mm)</i>