

Environmental Assessment Report April 6

2018

SUBMITTED TO: Siobhan Burland Ross, P.Eng. A/Director, Manitoba Sustainable Development. Environmental Approvals Branch. 1007 Century St. Winnipeg, MB. R3H 0W4 20 Ronn Road. Stony Mountain, MB



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1.0 Section 1: Executive Summary

This Environmental Assessment (EA) Report has been prepared to support the application process for the operation of a medical waste transfer facility and hazardous waste collection facility; to be located in the Rural Municipality of Rosser, 20 Ronn Road, Stony Mountain, Manitoba. This document contains crucial information regarding any waste management activities and operating procedures that will be functional at the new site.

Stericycle, ULC. (See Appendix A for Certificate of Amalgamation) has decided to relocate our current waste facility in order to enhance our operational efficiencies. We are proposing to combine our business units under one roof which will require a change of location for our medical and hazardous waste facilities.

The new facility, located at 20 Ronn Road, Stony Mountain, Manitoba is intended to manage medical and hazardous wastes as outlined in Section 2.

2.0 Section 2: Introduction and Background

Stericycle, ULC. has been servicing Manitoba's industrial, commercial and institutional industries for their medical waste disposal needs since the early 90's and included hazardous waste management services in 2010. Stericycle currently holds permits for both a medical waste transfer facility (License no. 252 HW RR) and a hazardous waste collection facility (License no. 253 HW R) located in units 7, 8, 14 and 15 of 2310 Logan Avenue, Winnipeg, Manitoba.

Stericycle's Compliance Solutions division in Manitoba (medical waste) is currently set up as a transfer station, all materials received at the facility consist of securely packaged medical wastes which are placed in a refrigerated trailer and held within the facility for a maximum of 30 days.

Stericycle's Environmental Solutions division in Manitoba (hazardous waste) is currently set up as a collection facility. The waste is received, consolidated, stored and shipped by the facility for final disposal.

3.0 Section 3: Waste Transportation and Management Process

3.1 Waste Classification

3.1.1 Medical Waste

Medical waste will be classified in accordance with CCME Guidelines (Canadian Council of Ministers of the Environment, 1992) for the Management of Biomedical Waste in Canada. Stericycle will manage and characterize medical waste streams as follows:

- 1. Human Anatomical Waste means a waste consisting of human tissues, organs or other body parts, other than teeth, hair or nails.
- 2. Human Blood Waste means a waste consisting of,
 - a) Liquid or semi-liquid blood or blood products,
 - b) Bodily fluids visibly containing human blood, or
 - c) Bodily fluids removed in the course of surgery, treatment or necropsy of a human, other than urine and feces unless visibly containing human blood.
- 3. Animal Anatomical Waste means waste related to an animal that is infected or suspected of being infected with any infectious substance (animal) and the waste is animal bedding, animal carcass, tissues, organs, or other body parts, other than teeth, nails, hair, feathers, hooves or horns.
- 4. Animal Blood Waste means waste related to an animal treated for an infectious substance (animal) and that is;
 - a) Liquid or semi-liquid animal blood or blood products,
 - b) Bodily fluids visibly containing animal blood, or
 - c) Bodily fluids removed in the course of surgery, treatment or necropsy of an animal, other than urine, feces or milk unless visibly containing animal blood.
- 5. Microbiology Blood Waste means waste containing,
 - a) Human or animal cultures,
 - b) Stocks or specimens, other than urine and feces,
 - c) Live or attenuated vaccines developed for use in humans, or
 - d) Disposable laboratory material that has come in contact with one or more of items a) to d)
- 6. Sharps Waste means blades, needles, syringes, including safety engineered needles, laboratory glass, or other materials capable of causing punctures or cuts and which have come in contact with human blood waste, animal blood waste or other animal or human bodily fluids.
- 7. Cytotoxic Waste means waste consisting of;

- a) Cytotoxic drugs,
- b) A medicinal chemical, or
- c) Waste containing a waste listed in a) or b) including waste that is tubing, tissues, needles, gloves, vials, preparation materials, ampoules, cleaning materials and personal protective equipment.

8. Pharmaceutical Waste

Stericycle clients are required to segregate their medical wastes into five distinct streams including;

- i. Sharps Waste
- ii. Non-anatomical Waste
- iii. Anatomical Waste
- iv. Cytotoxic Waste
- v. Pharmaceutical Waste

3.1.2 Other Hazardous and Non-Hazardous Waste

Other hazardous and non-hazardous wastes will only be classified in compliance with M.R. 195/2015 and the Transportation of Dangerous Goods Regulations; proper classification and categorizations are required prior to handling. All Stericycle Environmental Solutions clients are required to complete a form outlining the characteristics of their waste materials prior to Stericycle managing their materials. This is to ensure the proper management and disposal of waste in a manner which is both conducive to the safety of Stericycle team members and the safety of the environment.

Other hazardous and non-hazardous wastes will be characterized and received at the facility in the following categories:

- Bulk Solids or Liquids (hazardous and non-hazardous by regulation) Bulk solids liquids in individual containers up to 1000L totes (including drums and pails of 205L or less). These wastes may be included in Manitoba waste classes; 111-114, 121-123, 131-135, 141, 145-148. 150, 211-213, 221, 222, 231-233, 241, 242, 251-254, 261-269 and TDG Classes 2, 3-6.1, 8 and 9.
- Packaged Pharmaceutical Products (hazardous and non-hazardous by regulation)

 means any pharmaceutical packaged for retail distribution included in Manitoba waste class 261.
- 3. Inactive Vaccines included in Manitoba waste class 261.
- 4. Miscellaneous Lab Packed Chemicals any small laboratory or chemical products packaged in containers not exceeding 30L in volume to be over packed into a pail

or drum of 205L or less. These wastes may be included in Manitoba waste classes; 148, 263 or 331 and in TDG Classes 2, 3-6.1, 8 and 9.

- 5. Packaged Consumer Products (hazardous and non-hazardous by regulation) means any consumer product packaged for retail distribution included in Manitoba waste class 148, 211-213, 221, 222, 242, 263, 269 and 331 and in TDG Classes 2, 3-6.1. 8 and 9.
- 6. Used Oil Waste means any used oil waste included in Manitoba waste classes 251-254 and TDH Class 3, 6.1 and 9
- 7. Used Oil Filters means any used oil waste included in Manitoba waste classes 251-254.
- 3.2 Waste Collection and Transportation

All waste containers will be inspected prior to transport to ensure proper containment that is securely sealed, free of leaks and in compliance with federal requirements, based on waste classification.

Medical Waste

- Will be packaged in accordance with CGSB-43.125 when necessary (Government of Canada, 2016). This will include rigid, leak-free containers, liquids will be in watertight containers; pathological waste and animal carcasses will be packaged in plastic bags; and sharps waste will only be packaged in approved impervious, rigid and puncture resistant containers. Any containers of biomedical waste that are not properly packaged, or that are damaged or leaking will not be accepted for transport by Stericycle.
- Wastes with a positive reading for ionizing radiation on a Geiger counter will not be transported or managed by the facility.
- Any reefer trailers used for the management of biomedical wastes will be transported by licensed carriers and specially trained drivers.
- The wastes will be maintained at 4°C though a diesel run refer system and secured at all times during transport to ensure there is no risk of accidental release.
- All trailers will have a built in secondary containment system which includes a drainage and piping system running from the floor of the trailer directly into a drum permanently attached to the base of the trailer.
- Trailers will also be equipped with spill kits in the case of an unwanted release and trailers will be inspected on a daily basis; this will include a pre-trip inspection which is extend to ensure spill containment is complete, available, intact and accessible.

• Any and all accidental releases would be managed in accordance with the Emergency Response Action Plan (See Appendix B for a draft version of the Emergency Response Action Plan).

Other Hazardous and Non-hazardous Waste

- Will be packaged in accordance with the Dangerous Goods Regulation, if applicable, or in a manner which will ensure there is no risk of accidental release.
- All hazardous wastes will be transported with a waste manifest and or shipping document as required by regulation.
- Non-hazardous waste will be physically segregated from hazardous wastes during transportation.
- 3.3 Waste Receipt and Storage

When waste is received at the site, the trailers will be off loaded so that containers can be weighed and catalogued within the respective system.

No biomedical wastes will be stored within the facility; all biomedical wastes will be immediately transferred onto an outgoing reefer trailer for appropriate storage and transport at 4°C; where the waste will remain until the trailer is ready for shipment to a final disposal destination.

The refrigerated reefer trailers used for storage of biomedical wastes will be located within the gated and locked yard at all times during storage; for a period not to exceed 30 days. The reefer will be parked at a dock level loading dock door with dock bumpers during loading. This will leave no space between the dock and the trailer and eliminate any unwanted access to the trailer door and locks. The lot for which the trailer is located is paved and in good condition with no porous entry ways or sanitary/ storm sewer drains. The trailer door will be locked during any period for which it is not in use and personnel are not within range. To add additional security, the trailer will be equipped with pin locks and the trailer will also be connected to the site's internal security system by which the alarm will be tripped if the trailer is moved. When a trailer is full, the trailer may be stored along with fence, within the compound for short periods of time prior to shipment for final disposal. These trailers will be secure at all times.

Any other hazardous or non-hazardous waste will be stored indoors with the exception of used refillable propane tanks, unless otherwise requested and permitted

by the director. Waste propane tanks stored on the outside of the facility will be done so in a secure manner, whereby they are in a locked cage which will be located within the compound. No wastes will be stored on-site for any duration exceeding 180 days. All wastes stored at the site will be labeled in accordance with the Transportation of Dangerous Goods Regulation and in such a manner that identification and generator information can be easily determined.

All other hazardous or non-hazardous wastes will only be received at the facility for the purpose of consolidating, storing and transfer.

All waste dangerous goods stored within the unit will be maintained in accordance with Section 3.2.7 and Table 3.2.7.1 of the National Fire Code (NFC) (Canadian Commission on Building and Fire Codes, 2015) and segregated in accordance with Table 3.2.7.6.

The interior of the building will have a flammable storage area built-in prior to commencement of service; this will be installed in accordance with Part 4 of the NFC and will be used for the storage of flammable wastes.

All liquid dangerous goods will be stored on spill containment pallets and though a spill is an unlikely occurrence; spill kits will be made available throughout the unit, in the case the pallet is not sufficient. Storage areas are maintained in a condition capable of containing any excess spillage which may occur; any floor drains or catch basins within the storage areas will be sealed.

The facility will be secured from unidentified access though the distribution of site access cards and will be equipped with intrusion alarms and fire detection systems. The fire detection system is an Early Suppression Fast Response Fire Sprinkler System (ESFR) which will be located in all storage and handling areas.

Anatomical non	Transportation			
anatomical, cytotoxic, sharps or	Validation of proper	Stericycle Processing		
pharmaceutical waste segregation and packaging	Containment Licensed tranporters Proper refigeration units	Recipt at the site and off-loading of vehicles for weight and tracking purposed. Re-loaded on refrigerated trailer stored in fenced yard for transfer	Final Disposal Transferred to a final disposal facility for processing via incineration or high temperature autoclave	

3.3.1 Figure 1: Waste Process Flow – Medical Waste

	Transportation					
Waste segregation and Profiling		Steriovcle Processing				
Waste class 2, 3, 4, 5,	Validation of proper containment		9 Final Disposal			
5.2, 8 and 9 Sharps Waste	Licensed tranporters Optional waste packaging services	Recipt at the site and off-loading of vehicles for weight and tracking purposed.				
Optional waste			Transferred to a final disposal facility for			
Juckugnig	Manifesting requirements	Movement of waste to specific storage areas	processing via incineration, anaerobic digestion, fuel blending			
		Consolidation of waste	neutralization and			

3.3.2 Figure 2: Waste Process Flow – Other Hazardous and Non-hazardous Waste

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3.3.3 Figure 3: Stericycle Reporting Structure – ESOL and SCS Healthcare, Stony Mountain

Waste Streams	Proposed Annual Volumes (kg)
Class 2	6,000
Class 3	90,000
Class 4	500
Class 5	300
Class 6.1	300
Class 6.2	900,000
Class 8	7,000
Class 9	900
Other Non-hazardous Wastes	300,000

3.3.4 Table 1: Proposed Annual Waste Volumes

4.0 Section 4: Description of the Proposed Development

4.1 Preliminary Design Plan and Conceptual Layout

The site, located at 20 Ronn Rd. is proposed for development and has been previously considered Greenfield land; it is undeveloped and has been used for agricultural purposes or left to naturally evolve. The site itself is currently an empty lot with an industrial building plan and is surrounded by industry and other proposed development projects.

Site development is to commence during the first or second quarter of 2018 and will be completed by the landlord. Stericycle has an anticipated occupancy, of two units within the building, set for December 1, 2018. (See Appendix E for the Preliminary Site Plan).

The proposed building will be located in the north east corner of the property with the unit to be occupied by Stericycle located at the south end of the building. This will provide Stericycle with a footprint of approximately 870 m^2 plus an office area of approximately 245 m^2 .

The two warehouse bays will be used to house the Environmental Solutions and Compliance Solutions waste materials as well as our Expert Solutions (returns and recalls division); 637 m^2 of that storage will be designated for the hazardous and medical waste items (See Appendix F for the Conceptual Facility Layout).

Stericycle will notify Manitoba Sustainable Development at least 90 days prior to the decommissioning of the site. All decommissioning activities will be completed in accordance with the Department's requirements and site investigations or assessments will be completed as requested by the Director.

4.2 Location and Zoning

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The area selected for use by Stericycle, ULC, (Lot 5, Block 6, Plan No. 46696 in NE ¹/₄ 27-11-2E, where the municipal address will be 20 Ronn Rd.) is being developed for primarily industrial occupancies. This property is designated as zone I2 – Industrial General Zone in accordance with the Inland Port Special Planning Area Regulation 48/2016 (Schedule B – Zoning By-Law).

Stericycle has intent to operate a waste storage and transfer facility for the collection, temporary storage and transfer of biomedical and other hazardous and non-

hazardous waste streams from various healthcare, retail and industrial customers. In a Memorandum of Zoning from the Inland Port Special Planning Area (See Appendix C for the Memorandum of Zoning), dated February 5, 2018, the anticipated use of the land is in conformance with and permitted under I2 zoning for warehousing and distribution.

4.3 Site Details

Ownership: (See Appendix D Status of Title)

10005997 Manitoba Ltd.
 200-1355 Taylor Ave.
 Winnipeg, MB
 R3M 3Y9

Site Size:

• 1.84 hectares

Building Size:

• 5,574 m² in total, including all units.

Facility:

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• Stericycle is set to occupy units 9 and 10; the other units have not yet been leased.

Neighbouring Sites:

- North Swag Transport and vacant land
- East Highway 90 and North Inkster Industrial
- South Arctic Beverages
- West Poly Gem Building Products, Goodman Air Cooling and Heating and Daikin

In the event that the facility is to be permanently closed or is offered for sale, Stericycle will conduct an investigation, to the satisfaction of the director, to identify any contamination that may have been caused by the site operation. In the event that it is deemed necessary for remedial action, Stericycle will submit a proposal to the director and will carry out any actions that may be required from direct cause of site operations.

5.0 Description of Existing Environment and Anticipated Effects to the Environment and Human Health from the Proposed Activities

5.1 Anticipated Monitoring and Effects

The type and nature of activities that will be executed at the facility; both in regards to hazardous and biomedical wastes; are not expected to produce any negative effects on the environment or on human health. Stericycle operations are relatively low risk, due to the small container size and the processing completed at the site. It is unlikely that the operations at this site pose a risk to the regional setting, natural environment including; the aquatic environment, terrestrial environment, wildlife habitats, endangered species or socio-economic environments.

Due to the low probability of risk, there are no groundwater monitoring wells located on the site in Stony Mountain at this time and there are no plans to drill any without probable cause.

The only potential for any negative effects stemming from the operations located at 20 Ronn Road, in Stony Mountain are from unforeseen circumstances and emergency situations which are outlined within the Stericycle Emergency Response Action Plan (Appendix B Emergency Response Action Plan).

If, in the event there is an occurrence or any other environmental impacts for which any of, may be the result of any of Stericycle's operations; Stericycle will conduct an investigation, to the satisfaction of the director. This will identify any potential environmental hazards that may have been caused by the site operation. In the event that it is deemed necessary for remedial action, Stericycle will submit a proposal to the director and carry out any actions required.

5.2 Regional Setting

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The location, 20 Ronn Road is located in an industrial area in Stony Mountain, MB. The closest body of water is approximately 675 m (See Figure 4 Closest Body of Water) from the site. The site is located on the Manitoba Lowlands (See figure 5 Area Elevations) which can be described as vast flat land sitting on top of sedimentary bedrock, consisting of poorly consolidated shales, siltstones and sandstones. (Robert Betcher, Gary Grove and Christian Pupp, 1995)



5.2.1 Figure 4: Closest Body of Water



5.2.2 Figure 5: Area Elevations

(Robert Betcher, Gary Grove and Christian Pupp, 1995)





5.2.3 **Figure 6: Arial View of the Area** (2018)

5.3 Climate and Meteorological Conditions

Due to the extensive flat lands, the climate in Stony Mountain is generally very windy with large annual temperature changes. The Stony Mountain area has short, warm summers and long, very cold winters with artic winds sweeping in from the dry artic and polar maritime areas (See Figures 7 Climate Data and 8 Regional Climate). The vast majority of precipitation occurs during the spring and summer months, nearly two-thirds, and the remainder consist of snow in the winter months. (Weir, 2012)

The province of Manitoba has several weather stations positioned throughout the province, the closest within proximity to Stony Mountain being the Brunkild location (See Figure 9 Climate Monitoring Stations); just south-west of Winnipeg.

	Climate data for Stony Mountain [nide												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Record high °C (°F)	7	7	17	34	38	37.5	36.1	38.5	38.5	30	23.4	9	38.5
	(45)	(45)	(63)	(93)	(100)	(99.5)	(97)	(101.3)	(101.3)	(86)	(74.1)	(48)	(101.3
Average high °C (°F)	-12.8	-8.5	-1.2	9.8	19.1	23.3	25.9	25	18.4	10.5	-1.1	-9.8	8.2
	(9)	(16.7)	(29.8)	(49.6)	(66.4)	(73.9)	(78.6)	(77)	(65.1)	(50.9)	(30)	(14.4)	(46.8)
Daily mean °C (°F)	-18	-13.8	-6.3	3.8	12.1	16.9	19.5	18.4	12.3	5.1	-5.3	-14.7	2.5
	(0)	(7.2)	(20.7)	(38.8)	(53.8)	(62.4)	(67.1)	(65.1)	(54.1)	(41.2)	(22.5)	(5.5)	(36.5)
Average low °C (°F)	-23.2	-19	-11.3	-2.2	5.1	10.5	13.1	11.8	9.2	-0.4	-9.5	-19.5	-3.2
	(-9.8)	(-2)	(11.7)	(28)	(41.2)	(50.9)	(55.6)	(53.2)	(48.6)	(31.3)	(14.9)	(-3.1)	(26.2)
Record low °C (°F)	-42.2	-42.5	-36.7	-27.2	-9	-2	2.2	0.6	-6.5	-20	-39	-39	-42.5
	(-44)	(-44.5)	(-34.1)	(-17)	(16)	(28)	(36)	(33.1)	(20.3)	(-4)	(-38)	(-38)	(-44.5
Average precipitation mm (inches)	22	15.8	20.7	26.5	54.8	88.9	71.5	68.6	53.1	39	27.1	22.6	510.4
	(0.87)	(0.622)	(0.815)	(1.043)	(2.157)	(3.5)	(2.815)	(2.701)	(2.091)	(1.54)	(1.067)	(0.89)	(20.094

5.3.1 Figure 7: Climate Data for Stony Mountain, MB (Environment Canada, 2010)



5.3.2 Figure 8: Regional Climate



5.4 Natural Environment

5.4.1 Drinking Water Sources

Stony Mountain is located within 20 kilometers of the Red River and is located within the Red River Basin and the Netley-Grassmere Watershed (see Figure 10 Netley-Grassmere Watershed). The Red River collects drainage from southcentral Manitoba before adjoining the Assiniboine River and eventually discharging into Lake Winnipeg. This area is under-ridden by a vast and productive carbonate water aquifer which is the main source of drinking water for the area. The carbonate aquifer is limestone and dolostone intertwined and layered such that some portions of the aquifer are completely impermeable sections. The carbonate aquifer is also underlain by the Winnipeg formation; this aquifer is comprised of shale and sandstone, its highly saline and not often used for the purpose of drinking water. (Manitoa Sustainable Development)

5.4.2 Endangered Species

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The Peregrine Falcone which is native to the Stony Mountain area was designated as an endangered species by the Government of Manitoba in 1992. Records of their decline date back to the 1950's and in relation to the use of DDT and PCB's in conjunction with chlorinated hydrocarbons. These constituents caused a thinning of their egg shell and a lowered their reproduction rate. These birds have since been involved in an initiative to raise their population which has been slightly successful but not successful enough to remove them from the endangered species list. (Manitoba Wildlife Branch)



5.4.3 Figure 10: Netley-Grassmere Watershed (Manitoba Agriculture)

5.5 Socio-economic Environment

The Stony Mountain area is located in an area covered under Treaty 1 (1871) which covers several reservations; Brokenhead, Sagkeeng, Long Plain, Peguis, Roseau River, Sandy Bay and Swan Lake. The closest reservation to Stony Mountain is Brokenhead, which is approximately 70 kilometers to the east (see Figure 11 First Nations and Treaty Areas). (Indigenous and Northern Affairs Canada)

There are several Provincial and National Parks located in Manitoba, there is one park located near the site, Birds Hill Provincial Campground and this park is located nearly 50 kilometers away (See Figures 12 Provincial Parks and 13 National Parks). (Parks and Protected Spaces Branch) Stony Mountain tourism is based primarily upon the Stony Mountain Ski area as well as the Oak Hammok Marsh Interpretive Center and golf and country activities.

Stony Mountain has a population of less than 2,000 people and the vast majority of industry in the area relates closely to correctional facilities.



5.5.1 Figure 11: First Nations Treaty Areas (Indigenous and Northern Affairs Canada)



5.5.2 Figure 12: Provincial Parks (Parks and Protected Spaces Branch)



5.5.3 Figure 13: National Parks (Manitoba Land Inventory and Parks Canada Agency)

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Environmental Assessment Report: Appendices April 6

2018

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Appendix A

Certificate of Amalgamation

This document contains privileged information and is strictly private, confidential and personal to its recipients. It should not be copied, distributed or reproduced in whole or in part, nor passed to any third-party.



Appendix B

Emergency Response Action Plan (Draft)

This document contains privileged information and is strictly private, confidential and personal to its recipients. It should not be copied, distributed or reproduced in whole or in part, nor passed to any third-party.



Memorandum of Zoning

This document contains privileged information and is strictly private, confidential and personal to its recipients. It should not be copied, distributed or reproduced in whole or in part, nor passed to any third-party.



Municipal Relations Inland Port Special Planning Area Community and Regional Planning Branch 604-800 Portage Avenue, Winnipeg, Manitoba, Canada R3G 0N4 T 204-954-2146 F 204-945-5059 www.manitoba.ca

February 5, 2018

INLAND PORT SPECIAL PLANNING AREA

ZONING MEMORANDUM

RE: Lot 5 Block 6 Plan No. 46696 in NE ¼ 27-11-2E in the RM of Rosser, 20 Ronn Road CT 2934492

The above noted lot is zoned "I2" Industrial General Zone according to the <u>Inland Port Special Planning</u> <u>Area Regulation 48/2016 (Schedule B – Zoning By-law)</u>. Land uses within this zone are to be generally oriented towards industrial uses, including manufacturing and distribution uses with substantial large cargo truck activity and high cube warehouses.

The intent is to establish a waste storage and transfer facility. This includes collection, temporary storage and transfer of biomedical, pharmaceutical and other hazardous and non hazardous wastes from various healthcare, retail and industrial customers in Canada. The waste will be shipped to various specialized sites for disposal. There will be no processing or disposal of waste at this site.

The proposed use would be classified as a warehousing and distribution use. "Warehousing and Distribution" is a permitted use within the "I2" Industrial General Zone. Minimum parking requirements are 1 parking spot for every 3 employees.

Please note that the Zoning By-law has Performance Standards (Table 4 attached) that have to be met. An Environment Act application may also be required and I understand that information is being prepared and submitted to Manitoba Sustainable Development.

If you require anything else, please let me know.

Kari Schulz

Kari Schu Planner

TABLE 4 – PERFORMANCE STANDARDS					
II = I	II = Industrial Centre Zone I2 = Industrial General Zone I3 =-Industrial Heavy Zone				
NUISANCE	STANDARDS				
Air Pollution	No air pollution or smoke shall be produced which is in violation of the requirements of the <i>Canadian Ambient Air Quality Standards</i> .				
Dust, Dirt or Particulate Matter	 No discharge into the air of any dust, dirt or particulate matter shall occur from any activity or from any products stored on the <i>Zoning Site</i> that is discernible without instruments at: I1: A <i>Lot</i> line of the <i>Zoning Site</i>; I2: A <i>Lot</i> line of the <i>Zoning Site</i>; or I3: A <i>Lot</i> line <i>Abutting</i> a Residential Zone. 				
Electrical Disturbance	No activity shall cause electrical disturbance adversely affecting the operation of any equipment other than that of the creator of such disturbance.				
Glare or Heat	 No direct or sky-reflected glare or heat shall be produced in quantities which are discernible without instruments at: I1: A <i>Lot</i> line of the <i>Zoning Site</i>; I2: A <i>Lot</i> line of the <i>Zoning Site</i>; or I3: A <i>Lot</i> line <i>Abut</i>ting a Residential Zone. 				
Inflammable or Explosive Materials	No inflammable or explosive materials shall be produced, used, stored or handled unless adequately safe-guarded, as approved by the Municipal Fire Department, against hazards of explosion.				
Liquid Contaminants	No discharge of liquid contaminants or materials of such nature or temperature which contaminates any water supply, interferes with bacterial processes and sewage treatment or in any way causes the emission of dangerous or offensive materials shall occur into any public sewer, private sewage disposal system, stream or into the ground.				
Noise or Vibration	 No noise or vibration, other than related to transportation activities and temporary <i>Construction</i> work shall be produced in quantities which are discernible without instruments at: I1: A <i>Lot</i> line of the <i>Zoning Site</i>; I2: A <i>Lot</i> line <i>Abut</i>ting a non-industrial land use; or I3: A <i>Lot</i> line <i>Abut</i>ting a <i>Residential</i> Zone. Where noise attenuation is required within a Provincial Highway or Road Control Area, application shall be made by the <i>Owner</i> to Manitoba Highway Traffic Board or to Manitoba Infrastructure and Transportation respectively. 				
Odorous Gases	 No emission of any odorous gases or matter shall be produced in quantities which are discernible without instruments at: I1: A <i>Lot</i> line of the <i>Zoning Site</i>; I2: A <i>Lot</i> line of the <i>Zoning Site</i>; or I3: A <i>Lot</i> line <i>Abut</i>ting a Residential Zone. 				
Radioactivity	No activity, including storage or dumping, shall result in the emission of radioactivity in any amount.				



Status of Title

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STATUS OF TITLE





1. **REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION**

10005997 MANITOBA LTD.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED HEREON IN THE FOLLOWING DESCRIBED LAND:

LOT 5 BLOCK 6 PLAN 46696 WLTO IN NE 1/4 27-11-2 EPM

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of The Real Property Act.

2. ACTIVE INSTRUMENTS

Instrument Type:	Caveat
Registration Number:	206828/1
Instrument Status:	Accepted
Registration Date: From/By: To:	1967-10-06 MANITOBA TELEPHONE SYSTEM
Amount:	
Notes:	ELY 5.0292 METRES PERP
Description:	No description
Instrument Type:	Caveat
Registration Number:	2998771/1
Instrument Status:	Accepted
Instrument Type:	Caveat
Registration Number:	2998771/1
Instrument Status:	Accepted
Registration Date:	2004-06-23
Instrument Type:	Caveat
Registration Number:	2998771/1
Instrument Status:	Accepted
Registration Date:	2004-06-23
From/By:	RURAL MUNICIPALITY OF ROSSER
Instrument Type:	Caveat
Registration Number:	2998771/1
Instrument Status:	Accepted
Registration Date:	2004-06-23
From/By:	RURAL MUNICIPALITY OF ROSSER
To:	DOUGLAS WAYNE GRANTHAM AS AGENT

	Instrument Type: Registration Number: Instrument Status:	Caveat 3529048/1 Accepted
	Registration Date: From/By: To:	2007-10-22 RURAL MUNICIPALITY OF ROSSER DOUGLAS W GRANTHAM AS AGENT
	Amount:	
	Notes:	No notes
	Description:	DEVELOPMENT AGREEMENT
	Instrument Type:	Caveat
	Registration Number:	4009519/1
	Instrument Status:	Accepted
	Registration Date:	2010-11-22
	From/By:	THE MANITOBA HYDRO-ELECTRIC BOARD AND MTS ALLSTREAM
	То:	
	Amount:	
	Notes:	AFF: WTN LTS ROW PL 50642
	Description:	EASEMENT
	Instrument Type:	Caveat
	Registration Number:	4009520/1
	Instrument Status:	Accepted
	Registration Date:	2010-11-22
	From/By:	CENTRA GAS MANITOBA INC.
	То:	
	Amount:	
	Notes:	AFF WTN LTS ROW PL 50642
	Description:	No description
3.	ADDRESSES FOR SERVICE	
	10005997 MANITOBA LTD 1104 BALDWIN CRESCENT CALGARY AB T2V 2B3	SW
4.	TITLE NOTES	
	No title notes	

5.	LAND TITLES DISTRICT	
	Winnipeg	
6.	DUPLICATE TITLE INFORM	IATION
	Duplicate not produced	
7.	FROM TITLE NUMBERS	
	2305421/1 All	
8.	REAL PROPERTY APPLICA	TION / CROWN GRANT NUMBERS
	No real property applicati	on or grant information
9.	ORIGINATING INSTRUME	NTS
	Instrument Type:	Transfer Of Land
	Registration Number:	4918759/1
	Registration Date:	2017-12-21
	From/By:	5685932 MANITOBA LTD.
	То:	10005997 MANITOBA LTD
	Consideration:	\$1.00
10.	LAND INDEX	
	Lot 5 Block 6 Plan 4669	6

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE SYSTEM OF TITLE NUMBER 2934492/1



Appendix E

Preliminary Site Plan

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Appendix F

Conceptual Facility Layout





Appendix G

Dangerous Goods Handling

and Transportation Application

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Dangerous Goods Handling and Transportation Act Application Form



Name of facility:					
Stericycle, ULC					
Legal name of the applicant of the facili	ty:				
Stericycle, ULC					
Location (street address, city, town, mu	nicipality, legal description):				
20 Ronn Rd. Stony Mountain, M No. 46696 in NE 1/4 27-11-2E ir	20 Ronn Rd. Stony Mountain, Manitoba - Lot 5, Block 6 Plan No. 46696 in NE 1/4 27-11-2E in the RM of Rosser				
Name of proponent contact person for p	Name of proponent contact person for purposes of the environmental assessment:				
Karen Young					
^{Phone:} (416)579-6084	Mailing address: 19 Armthorpe Rd. Brampton, ON				
Fax: (905)595-2657	L6T5M4				
Email address: kyoung@stericycle.	com				
Webpage address: stericycle.ca					
^{Date:} April 4, 2018	Signature of person representing the legal applicant Auron On M Printed name: Karen Young				

A complete Dangerous Goods Handling and Transportation Act application consists of the following components:

- Cover letter
- Dangerous Goods Handling and Transportation Act Application Form
- Reports/plans supporting the application*
- Application fee (Cheque, payable to Minister of Finance, for the appropriate fee)

Per Dangerous Goods Handling and Transportation Fees Regulation (Manitoba Regulation 164/2001): Hazardous Waste Storage, Handling and/or Treatment\$250 Submit the complete application to:

Director Environmental Approvals Branch Manitoba Conservation and Water Stewardship Suite 160, 123 Main Street Winnipeg, Manitoba R3C 1A5

For more information: Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/conservation/eal

*The required information, as well as the quantity and types of copies required, are as described in Information Bulletin - Environment Act Proposal Report Guidelines. The applicant should also take facility impacts on environmental and human health into consideration.