



Conservation and Water Stewardship

Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5
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www.gov.mb.ca/conservation/eal

CLIENT FILE NO.: 5705.00

July 9, 2014

David Prince, Director of Operations
Daniels Sharpsmart Canada Ltd.
52 Bramsteele Road, Unit 8-10
Brampton, ON L6W 3M5

Dear Mr. Prince:

Enclosed is **Licence No. 274 HW** dated July 9, 2014 issued to **Daniels Sharpsmart Canada Ltd.** for the operation of a hazardous waste collection and transfer facility ("the facility") at 1668 – 1670, Church Avenue within the City of Winnipeg, Province of Manitoba in accordance with the application filed pursuant to *The Dangerous Goods Handling and Transportation Act*.

In addition to the enclosed Licence requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with. A Notice of Alteration must be filed with the Director for approval prior to any alteration to the facility as licensed.

For further information on the administration and application of the Licence, please feel free to contact Donna Smiley, Environment Officer at 204-945-7072.

Pursuant to Section 25 of *The Dangerous Goods Handling & Transportation Act*, this licensing decision may be appealed by any person who is affected by the issuance of this Licence to the Minister of Conservation and Water Stewardship within 30 days of the date of the Licence.

Yours truly,

“original signed by”

Tracey Braun, M.Sc.
Director
Dangerous Goods Handling & Transportation Act

Enc.

c: Don Labossiere, Director, Environmental Compliance and Enforcement
Donna Smiley, Environmental Compliance and Enforcement (**via email**)
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 274 HW (*by the Licensee only*) is required by the Director of Environmental Approvals. Please acknowledge receipt by signing in the space provided below and faxing a copy (letter only) to the Department at 204-945-5229 by July 23, 2014.

On behalf of Daniels Sharpsmart Canada Ltd.

Date

****A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES****

THE DANGEROUS GOODS HANDLING and
TRANSPORTATION ACT
LOI SUR LA MANUTENTION ET LE
TRANSPORT DES MARCHANDISES
DANGEREUSES



LICENCE

Licence No. / Licence n° 274 HW

Issue Date / Date de délivrance July 9, 2014

In accordance with *The Dangerous Goods Handling and Transportation Act*
(C.C.S.M. c. D12) /

Conformément à la Loi sur la manutention et le transport des marchandises dangereuses
(C.P.L.M. c. D12)

THIS LICENCE IS ISSUED TO:/CETTE LICENCE EST DONNÉE À:

DANIELS SHARPSMART CANADA LIMITED;
"the Licencee"

for the operation of a hazardous waste collection and transfer facility ("the facility") at 1668 – 1670, Church Avenue within the City of Winnipeg, Province of Manitoba in accordance with the application filed pursuant to *The Dangerous Goods Handling and Transportation Act* dated January 24, 2014 and the additional information received on March 21, 2014 and March 26, 2014 and subject to the following specifications, limits, terms and conditions:

DEFINITIONS

In this Licence,

"accredited laboratory" means an analytical facility accredited by the Standard Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Conservation to be equivalent to the SCC, or be able to demonstrate, upon request, that it has the quality assurance/quality control (QA/QC) procedures in place equivalent to accreditation based on the international standard ISO/IEC 17025, or otherwise approved by the Director;

"approved" means approved by the Director or assigned Environment Officer in writing;

"biomedical sharps waste" means blades, needles, syringes including safety engineered needles, laboratory glasses or other materials capable of causing punctures or cuts and which have come into contact with human blood waste, animal blood waste or other human or animal bodily fluids;

"biomedical waste" means the materials listed in Schedule A of this Licence;

****A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES****

"contaminant" means a contaminant as defined in *The Dangerous Goods Handling and Transportation Act*, as amended from time to time;

"cytotoxic waste" means cytotoxic drugs and any items, including tissues, tubing, needles or gloves that have come into contact with a cytotoxic drug;

"dental amalgam" means an alloy which contains mercury and other metals used in the practice of dentistry;

"dental amalgam waste" means amalgam (scrap), chair-side trap filters containing amalgam, vacuum pump filters containing amalgam, saliva ejectors if used in dental procedures involving amalgam, used amalgam capsules, extracted teeth with amalgam restorations as well as waste items that are contaminated with amalgam;

"Director" means an employee so designated pursuant to *The Dangerous Goods Handling and Transportation Act*;

"Environment Officer" means an employee so designated pursuant to *The Dangerous Goods Handling and Transportation Act*;

"hazardous waste" means a product, substance or organism that

- a) is prescribed, designated or classified as hazardous waste in the regulations, or
- b) by its nature conforms to the classification criteria for one or more classes of hazardous wastes set out in the regulations;

"licenced carrier" means a person who has a valid licence to transport hazardous waste pursuant to Manitoba Regulation 175/87 under *The Dangerous Goods Handling and Transportation Act* (C.C.S.M.c. D12), as amended from time to time;

"noise nuisance" means an unwanted sound, in an affected area, which is annoying, troublesome, or disagreeable to a person:

- a) residing in an affected area;
- b) working in an affected area; or
- c) present at a location in an affected area which is normally open to members of the public; if the unwanted sound
- d) is the subject of at least 5 written complaints, received by the Director in a form satisfactory to the Director and within a 90 day period, from 5 different persons falling within clauses a), b) or c), who do not live in the same household; or
- e) is the subject of at least one written complaint, received by the Director in a form satisfactory to the Director, from a person falling within clauses a), b) or c) and the Director is of the opinion that if the unwanted sound had occurred in a more densely populated area there would have been at least 5 written complaints received within a 90-day period, from 5 different persons and who do not live in the same household;

"odour nuisance" means a continuous or repeated odour, smell or aroma, in an affected area, which is offensive, obnoxious, troublesome, annoying, unpleasant or disagreeable to a person:

- a) residing in an affected area;
- b) working in an affected area; or
- c) present at a location in an affected area which is normally open to members of the public;

if the odour, smell or aroma

- d) is the subject of at least 5 written complaints, received by the Director in a form satisfactory to the Director and within a 90-day period, from 5 different persons falling within clauses (a), (b) or (c), who do not live in the same household; or
- e) is the subject of at least one written complaint, received by the Director in a form satisfactory to the Director, from a person falling within clauses a), b) or c) and the Director is of the opinion that if the odour, smell or aroma had occurred in a more densely populated area there would have been at least 5 written complaints received within a 90-day period, from 5 different persons who do not live in the same household;

"pharmaceutical waste" means:

- a) expired, unused and spent medicines;
 - b) packaging contaminated with medicines; and
 - c) items used in the handling or administration of these medicines,
- that are originated from pharmacies, health care clinics, veterinary clinics and doctors' offices but do not include cytotoxic drugs;

"permanently closed" means that the facility is not operated for a period of 12 months or more;

"registered generator" means a person who is registered as a hazardous waste generator pursuant to Manitoba Regulation 175/87 under *The Dangerous Goods Handling and Transportation Act*, as amended from time to time;

"sewage" means human body, toilet, liquid, waterborne culinary, sink or laundry waste.

"Sharpsmart Washsmart Wash Line" means the Washsmart robotic processing and wash line associated with the Sharpsmart reusable container system as identified and detailed in the Application dated January 24, 2014 and the additional information submitted on March 21, 2014.

"Transportation of Dangerous Goods Regulations" means the *Transportation of Dangerous Goods Regulations*, SOR/2001-286, made under the *Transportation of Dangerous Goods Act, 1992* (Canada), as amended from time to time; and

"wastewater" means any liquid containing a contaminant as defined in *The Dangerous Goods Handling and Transportation Act*, associated with or resulting from the facility which is discharged into the environment.

GENERAL TERMS AND CONDITIONS

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licencee shall implement a high standard of equipment maintenance and good housekeeping and operational practices with respect to the facility, at all times.

2. In addition to any of the terms or conditions specified in this Licence, the Licencee shall, upon the request of the Director:
 - a) sample, monitor, analyze and/or investigate specific areas of concern regarding any segment, component or aspect of contaminant storage, containment, treatment, handling, disposal or emission systems, for such contaminants or ambient quality, aquatic toxicity, leachate characteristics and discharge or emission rates, for such
 - b) determine the environmental impact associated with the release of any contaminant(s) from the said facility;
 - c) conduct specific investigations in response to the data gathered during environmental monitoring programs; or
 - d) provide the Director, within such time as may be specified, with such reports, drawings, specifications, analytical data, descriptions of sampling and analytical procedures being used, bioassay data, flow rate measurements and such other information as may from time to time be requested.
3. The Licencee shall, unless otherwise specified in this Licence:
 - a) carry out all sampling of, and preservation and analyses on, water, soil or air samples in accordance with methodologies approved in writing by the Director;
 - b) have all analytical determinations undertaken by an accredited laboratory; and
 - c) report the results to the Director, in writing and in an electronic form acceptable to the Director within 60 days of the samples being taken, or within another time frame as specified by the Director.
4. The Licencee shall, unless otherwise specified by this Licence, retain all records relating to this Licence during the full life of operation of the facility, and after closure, for such period of time as may be specified by the Director. Records may be transferred from their original form to other accepted forms for information storage. These records shall be made available to an Environment Officer upon request.
5. The Licencee shall submit all information required to be provided to the Director or Environment Officer under this Licence, in writing, in such form (including number of copies) and of such content as may be required by the Director or Environment Officer, and each submission shall be clearly labeled with the Licence Number and Client File Number associated with this Licence.
6. The Licencee shall carry out, as deemed necessary by the Director or Environment Officer, any remedial measures or modifications in respect to matters authorized under this Licence.
7. The Director or an Environment Officer, may, without incurring liability for so doing, enter the facility for the purpose of:
 - a) investigating, inspecting and carrying out tests at the facility; and
 - b) examining, making copies of, or taking extracts from any records of the facility pursuant to an investigation, inspection or test under this Licence.
8. The restrictions and conditions of this Licence are severable. If any restriction or condition of this Licence, or the application thereof, to any circumstances is held invalid, the application of such restriction or condition to other circumstances and the remainder of this Licence shall not be affected thereby.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Respecting Facility Operations

9. The Licencee shall not receive at the facility any hazardous waste other than the following types of hazardous wastes:
 - a) Biomedical waste consisting of human anatomical waste, animal waste, microbiology laboratory waste, human blood and body fluid waste, biomedical sharps waste;
 - b) Cytotoxic wastes;
 - c) Pharmaceutical wastes;
 - d) Dental amalgam scrap and amalgam separator filtration cartridges;
 - e) Lead foil waste; and
 - f) X-ray fixer and developer solutions.
10. The Licencee shall receive hazardous wastes from companies in Manitoba that are generators registered pursuant to *Generator Registration and Carrier Licencing Regulation* (Manitoba Regulation 175/87), as amended from time to time.
11. The Licencee shall accept hazardous waste transported to the facility or allow hazardous waste to be transported from the facility, only when the hazardous waste is accompanied by a hazardous waste manifest or a dangerous goods shipping document, as appropriate.
12. The Licencee shall use only licensed carriers to transport hazardous waste to or from the facility.
13. The Licencee shall carry out the unloading (receiving) and loading (shipping) of all hazardous wastes indoors at all times.
14. The Licencee shall not store hazardous waste in trucks or trailers and all wastes being delivered to the facility shall be immediately unloaded into the facility building.
15. The Licencee shall visually inspect incoming waste containers prior to being accepted at the site to determine that the containers are undamaged and properly labeled and packaged.
16. The Licencee shall repackage and relabel any incoming waste that arrives in damaged, leaking, improperly packaged or improperly labeled containers.
17. The Licencee shall not accept incoming waste with radioactive properties.
18. The Licencee shall initiate and maintain a written record at the facility containing the following information:
 - a) record for all hazardous waste received at the facility. The record shall contain, for each day that hazardous wastes are received, the
 - i) date of the record;
 - ii) name, address and the registration number or Provincial ID number of the carrier;
 - iii) name, address and registration number or Provincial ID number of the generator;and
 - iv) quantity and type of hazardous waste received;

- b) record for all hazardous waste transferred from the facility. The record shall contain, for each day that hazardous wastes are transferred, the
 - i) date of the record;
 - ii) name, address and the registration number or Provincial ID number of the carrier;
 - iii) name, address and registration number or Provincial ID number of the receiver; and
 - iv) quantity and type of hazardous waste transferred.
- 19. The Licencee shall, for any shipment of waste that is refused, record in the daily log the reason the waste was refused and the origin of the waste.
- 20. The Licencee shall clearly mark each hazardous waste container that is received at the facility with a unique number, which can be used to track the container and to reference manifests and other appropriate documentation.
- 21. The Licencee shall store all hazardous waste in an area that is:
 - a) secure, not accessible to unauthorized personnel; and
 - b) clearly marked as a hazardous waste storage area through the use of a conspicuous sign.
- 22. The Licencee shall store hazardous waste in a container that must be:
 - a) constructed of a material that is compatible with the hazardous waste being stored;
 - b) corrosion and weather resistant;
 - c) designed and constructed to withstand damage during handling and transportation; and
 - d) sealable to prevent the release of its contents and prevent any other substance from entering the container.
- 23. A hazardous waste container must have prominently affixed to it a weather resistant label with the name of the hazardous waste in the container.
- 24. The Licencee shall maintain the storage building in a condition capable of retaining any spillage which may occur. Floor drains or catch basins are not permitted in the storage area unless they are connected to an on-site holding tank or sump.
- 25. The Licencee shall operate the refrigerated storage unit at a temperature equal to or lower than 4 degree Celsius at all times when the waste is required to be refrigerated.
- 26. The Licencee shall store a maximum of 120 tonnes of hazardous waste at any one time. The storage quantity for each type of hazardous waste shall not exceed the design storage capacity identified in the Application dated January 24, 2014 and the additional information submitted on March 26, 2014.
- 27. The Licencee shall store hazardous waste as described in Clause 26 of this Licence
 - a) in single pallet rows not more than 2 drum heights or 240 centimetres in height;
 - b) with a minimum aisle width between rows of 60 centimetres; and
 - c) with a maximum row width not to exceed 150 centimetres.
- 28. The Licencee shall store hazardous waste at the facility with a maximum on-site storage not exceeding 180 days duration from the date of receipt.

29. The Licencee shall not store hazardous waste in trucks or trailers.
30. The Licencee shall only allow transport of hazardous waste received at the facility to a facility operating under the authority of a Licence issued pursuant to *The Dangerous Goods Handling and Transportation Act* in Manitoba, or under an approval of similar type in another jurisdiction.

Respecting Biomedical Sharps Waste

31. The Licencee shall only collect and store biomedical sharps wastes that were deposited directly into impervious, rigid, puncture-resistant containers having tightly secured lids.

Respecting Sharpsmart Washsmart Washline Operations

32. The Licencee shall limit the processing carried out at the facility to the use of Sharpsmart Washsmart Wash Line for
 - a) decanting of biomedical sharps waste from the reusable biomedical sharps waste containers into larger dedicated bulk waste containers;
 - b) decanting of cytotoxic waste from the reusable cytotoxic waste containers into larger dedicated bulk waste containers;
 - c) decanting of pharmaceutical waste from the reusable pharmaceutical waste containers into larger dedicated bulk waste containers; and
 - d) washing and disinfecting of empty reusable containers resulting from the activities described in a), b) and c).
33. Waste water generated from the operation of the Washsmart washline shall conform to The City of Winnipeg *Sewer By-Law* No. 92/2010 before discharged into the sanitary sewer.

Respecting Dental Amalgam Waste

34. The Licencee shall only collect and store dental amalgam wastes that are packaged in air-tight containers.

Respecting Pharmaceutical Waste

35. The Licencee shall only collect and store pharmaceutical wastes that are packaged in rigid leak free containers.

Respecting Storage of Waste X-ray Fixer and Developer Solutions

36. The Licencee shall equip the waste X-ray fixer and developer solutions storage area with a containment system that is capable of containing at least 110% of the total volume of the solutions being stored. The containment system shall be compatible with the solutions stored and resistant to corrosive materials.

Respecting Liquid Emissions

37. The Licencee shall direct all wastewater generated as a result of any activity at the facility, other than sanitary wastes, to a sump or sumps properly designed to contain such liquids.

38. Licencee shall direct wastewater collected in sumps to the sanitary sewer system only if the liquid effluents conform to The City of Winnipeg *Sewer By-Law* No. 92/2010.

Respecting Air Emissions

39. The Licencee shall not cause or permit a noise nuisance to be created as a result of the operation or alteration of the facility, and shall take such steps as the Director may require to eliminate or mitigate a noise nuisance.
40. The Licencee shall not cause or permit an odour nuisance to be created as a result of the construction, operation or alteration of the Development, and shall take such steps as the Director may require to eliminate or mitigate an odour nuisance.

Respecting Spills

41. The Licencee shall, in the case of physical or mechanical equipment breakdown or process upset where such breakdown or process upset results or may result in the release of a contaminant in an amount or concentration, or at a level or rate of release, that causes or may cause a significant adverse effect, immediately report the event by calling 204-944-4888 (toll-free 1-855-944-4888). The report shall indicate the nature of the event, the time and estimated duration of the event and the reason for the event.
42. The Licencee shall, following the reporting of an event pursuant to Clause 41,
- a) identify the repairs required to the mechanical equipment;
 - b) undertake all repairs to minimize unauthorized discharges of a contaminant;
 - c) complete the repairs in accordance with any written instructions of the Director; and
 - d) submit a report to the Director about the causes of breakdown and measures taken, within one week of the repairs being done.
43. The Licencee shall take action to promptly clean up any spill or leakage and repackage the waste if any hazardous waste container leaks, cracks or otherwise causes a spill during loading or unloading. Any material resulting from such a cleanup shall be handled as hazardous waste and shall be packaged and disposed of in accordance with applicable regulations.
44. The Licencee shall equip the facility with spill cleanup equipment and supplies.

Respecting Facility Inspection

45. The Licencee shall conduct regular inspections of the facility to ensure that all pieces of equipment and the storage and treatment operations are operated in a manner that will not negatively impact the environment. Any deficiencies detected during these regular inspections, that might negatively impact the environment shall be promptly corrected. The inspection must include, as applicable, an observation of:
- a) the condition of every hazardous waste container and all piping and ancillary equipment;
 - b) the condition of the secondary containment system and of any other mechanism that prevents the release of hazardous waste;

- c) any indications of a release of hazardous waste or of any deterioration of containers, piping, ancillary equipment or a secondary containment system that increases the likelihood of a release; and
 - d) recommendations for remedial action and actions undertaken.
46. The Licencee shall record each inspection required by Clause 45 of this Licence. The record shall include the date of the inspection, the name of the person who conducted the inspection and the observations made by that person during the inspection.

Respecting Facility Security

47. The Licencee shall equip and maintain a fully operational site security system consisting of intrusion alarms and fire detection systems in all storage and handling areas. Alarms must be monitored at a remote location and must be in good operating order at all times.
48. The Licencee shall provide the Director and the Winnipeg Fire and Police Departments with a 24 hour contact number for personnel who have access to current on-site waste inventories at the facility.

Respecting Emergency Response

49. The Licencee shall prepare and maintain an emergency response contingency plan in accordance with the Canadian Centre for Occupational Health and Safety “Emergency Response Planning Guide” or other emergency planning document acceptable to the Director.
50. The emergency response contingency plan shall be designed to minimize hazards from fires, explosions, or any unplanned release of hazardous waste or contaminants.
51. A copy of the contingency plan shall be kept on site and emergency response information must be posted in a conspicuous location.

Respecting Trained Personnel

52. The Licencee shall provide training for all persons who will be assigned duties with respect to the facility in:
- a) *the Transportation of Dangerous Goods Regulation*;
 - b) the procedures pertaining to the operation of the facility including spill response; and
 - c) appropriate personal health and safety procedures.

Insurance and Financial Assurance

53. The Licencee shall maintain throughout the term of this Licence:
- a) in the amount of \$50,000.00 Property Insurance;
 - b) in the amount of \$5,000,000.00 General Comprehensive Liability Insurance; and
 - c) in the amount of \$250,000.00 Environmental Impairment Liability Insurance.
54. The Director may, where it is deemed to be in the public interest, require the Licencee to provide financial assurance in the form of a letter of credit, a bond, further insurance, or

other form acceptable to the Director in an amount to be determined by the Director. The Director may order forfeiture of this security, either in whole or in part, by giving notice to that effect to the Licencee upon the Director being satisfied that the facility is in breach of any of the terms of this License, or for reimbursement of any costs or expenses incurred by the Province of Manitoba in rectifying environmental damage caused, or contributed to, by the operation of the facility.

Respecting Alterations and Decommissioning

55. The Licencee shall obtain approval in writing from the Director for any proposed alteration to the facility before proceeding with the alteration.
56. The Licencee shall, in the event that the facility is to be permanently closed or is offered for sale, conduct an investigation, to the satisfaction of the Director, to identify any contamination which may have resulted from the operation of the facility.
57. The Licencee shall, where the investigation referred to in Clause 56 of this Licence shows that contamination of the environment has occurred, submit a remediation proposal to the Director and upon approval of this proposal by the Director carry out the required remediation.

REVIEW AND REVOCATION

- A. If, in the opinion of the Director, the Licencee has exceeded, or is exceeding, or has failed, or is failing to meet the specifications, limits, terms, or conditions set out in this License, the Director may, temporarily or permanently, revoke this License.
- B. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this License, the Director may require the filing of a new application pursuant to *The Dangerous Goods Handling and Transportation Act*.

“original signed by”

Tracey Braun, M.Sc.
Director
*The Dangerous Goods Handling
and Transportation Act*

Client File No.: 5705.00
Consignor (Generator) Registration No.: MBG13397
Consignee (Receiver) Registration No.: MBR30108

'Schedule A'
Licence No. 274 HW

The type of Biomedical Wastes the Daniels Sharpsmart Limited will manage shall be limited to the materials defined below:

Biomedical waste that are generated by human or animal health care establishments, medical, health care or veterinary teaching or research establishments, clinical laboratories or facilities that test or produce vaccines and needle and syringe exchange programs:

- Human Anatomical Waste – this consists of human tissues, organs, and body parts, but does not include teeth, hair, and nails;
- Animal Waste – this consists of all animal tissues, organs, body parts, carcasses, bedding, fluid blood and blood products, items saturated or dripping with blood, body fluids contaminated with blood, and body fluids removed for diagnosis or removed during surgery, treatment or autopsy, unless a trained person has certified that the waste does not contain the viruses and agents listed in Table 1 “Risk Group 4” Agents (Guidelines for the Management of Biomedical Waste in Canada, 1992 – Canadian Council of Ministers of the Environment. This excludes teeth, hair, nails, hooves, and feathers;
- Microbiology Laboratory Waste – this consists of laboratory cultures, stocks or specimens of microorganisms, live or attenuated vaccines, human or animal cell cultures used in research, and laboratory material that has come into contact with any of these;
- Human Blood and Body Fluid Waste – this consists of human fluid blood and blood products, items saturated or dripping with blood, body fluids contaminated with blood, and body fluids removed for diagnosis during surgery, treatment or autopsy. This does not include urine or feces;
- Biomedical Sharps Waste – this consists of blades, needles, syringes including safety engineered needles, laboratory glasses or other materials capable of causing punctures or cuts and which have come into contact with human blood waste, animal blood waste or other human or animal bodily fluids;