



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.: 5686.00

March 11, 2014

Mr. Cameron Mailey, General Manager
Central Dental Solutions
103-251 Saulteaux Crescent
Winnipeg MB R3J 3C7

Dear Mr. Mailey:

Enclosed is **Licence No. 273 HW** dated March 11, 2014 issued to **Central Dental Solutions** for the operation of a biomedical sharps waste collection and treatment and dental amalgam waste transfer facility ("the facility") known as Central Dental at 103-251 Saulteaux Crescent within the City of Winnipeg, Province of Manitoba in accordance with the application filed pursuant to *The Dangerous Goods Handling and Transportation Act* dated August 23, 2013 and the additional information received on August 27, 2013, September 17, 2013, and November 5, 2013.

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
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 273 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 March 25, 2014.

On behalf of Central Dental Solutions

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° 273 HW

Issue Date/Date de délivrance March 11, 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:

ACCUQUIP LTD. O/A CENTRAL DENTAL SOULTIONS;
"the Licence"

for the operation of a biomedical sharps waste collection and treatment and dental amalgam waste transfer facility ("the facility") known as Central Dental at 103-251 Saulteaux Crescent within the City of Winnipeg, Province of Manitoba in accordance with the application filed pursuant to *The Dangerous Goods Handling and Transportation Act* dated August 23, 2013 and the additional information received on August 27, 2013, September 17, 2013, and November 5, 2013 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;

"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;

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

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"dental amalgam" 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*;

"infectious substance" means a substance known or reasonably believed to contain viable micro-organisms such as bacteria, viruses, rickettsia, parasites, fungi and other agents such as prions that are known or reasonably believed to cause disease in humans or animals and that are listed in Appendix 3 to Part 2, Classification, or that exhibit characteristics similar to a substance listed in Appendix 3 of the *Transportation of Dangerous Goods Regulations*, SOR/2001-286, as amended from time to time;

"infectious waste" means any waste known or clinically assessed to be at risk of being contaminated with any of the infectious substances listed in Appendix 3 to Part 2, Classification, or that exhibit characteristics similar to a substance listed in Appendix 3 of the *Transportation of Dangerous Goods Regulations*, SOR/2001-286, as amended from time to time;

"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;

"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.

"operator" means a person who is responsible for the day-to-day maintenance and operation of the facility;

"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;

"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

"treated biomedical sharps waste" means biomedical sharps waste which has been treated utilizing the criteria where

- a) the biomedical sharps waste is comprised of the items described in the definition of **"infectious waste"** and
- b) treatment by autoclaving to the point of producing at least a 99.99% reduction in spores of *bacillus stearothermophilus*.

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 duration and at such frequencies as may be specified;
 - b) determine the environmental impact associated with the release of any contaminant(s) from the said facility; or
 - c) 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 provide to the Director, upon request, all information required under this Licence, in writing and in such form and content (including number of copies), as may be specified by the Director.
6. The Licencee shall carry out, as deemed necessary by the Director, 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 biomedical sharps waste and dental amalgam waste.
10. The Licencee shall only receive at the facility biomedical sharps waste and dental amalgam waste from registered generators.
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 have a written agreement in place for transport of hazardous waste with licensed hazardous waste carriers at all times during the lifetime of the facility.
14. The Licencee shall initiate and maintain a record for all hazardous waste received at the facility. The record shall contain, for each day that hazardous wastes are received, the
 - a) date of receipt;
 - b) name and address of the carrier;

- c) quantity or weight of hazardous waste received;
 - d) source of the hazardous waste; and
 - e) the Manitoba Generator Registration Number for each source of hazardous waste, where applicable.
15. 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.
16. 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.
17. A hazardous waste container must have prominently affixed to it a weather resistant label with the name of the hazardous waste in the container.
18. The Licencee shall store hazardous waste in an area that provides containment in order to contain any spillage which may occur.
19. The hazardous waste unloading and loading areas adjacent to the warehouse shall be
- a) properly sized and graded; and
 - b) made of an impermeable material

Respecting Biomedical Sharps Waste

20. The Licencee shall store biomedical sharps waste at the facility with a maximum on-site storage not exceeding 90 days duration from the date of receipt.
21. The Licencee shall only collect and store biomedical sharps wastes that were deposited directly into impervious, rigid, puncture-resistant containers having tightly secured lid.
22. The Licencee shall treat biomedical sharps waste by autoclaving to the point of producing at least a 99.99% reduction in spores of *bacillus stearothermophilus*.
23. The Licencee shall manage all treated biomedical sharps waste generated at the facility by disposing in a waste disposal ground operating under the authority of a licence issued pursuant to *The Environment Act*, as amended from time to time.
24. The Licencee shall maintain a record for all treated biomedical sharps wastes sent to a licensed waste disposal ground. The record shall contain, for each day that treated biomedical sharps wastes sent, the
- a) date of shipment;
 - b) number and weight of containers
 - c) date of treatment;
 - d) name and address of the carrier; and

- e) name and address of the waste disposal ground.

Respecting Dental Amalgam Waste

25. The Licencee shall store dental amalgam waste at the facility with a maximum on-site storage not exceeding 90 days duration from the date of receipt.
26. The Licencee shall only collect and store dental amalgam wastes that are packaged in air-tight containers.

Respecting Air Emissions

27. 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

28. 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.
29. The Licencee shall, following the reporting of an event pursuant to Clause 28,
- 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.
30. If any hazardous waste container leaks, cracks or otherwise causes a spill during loading or unloading, the Licencee shall take action to promptly clean up the spill or leakage and repackage the waste. 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.
31. The Licencee shall equip the facility with spill cleanup equipment and supplies.

Respecting Facility Inspection

32. 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.
33. The record referred to in Clause 32 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 Emergency Response

34. 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.
35. The emergency response contingency plan shall be designed to minimize hazards from fires, explosions, or any unplanned release of hazardous waste or contaminants.
36. A copy of the contingency plan shall be kept on site and emergency response information must be posted next to the telephone.

Respecting Trained Personnel

37. 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

38. The Licencee shall maintain throughout the term of this License:
- a) \$50,000.00 Property Insurance;
 - b) \$5,000,000.00 General Comprehensive Liability Insurance; and
 - c) \$250,000.00 Environmental Impairment Liability Insurance.
39. The Director may, where it is deemed to be in the public interest, require the Licensee 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 Licensee 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

40. The Licencee shall obtain approval in writing from the Director for any proposed alteration to the facility before proceeding with the alteration.
41. 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
42. The Licencee shall, where the investigation referred to in Clause 41 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.: 5686.00

Consignor (Generator) Registration No.:MBG13369

Consignee (Receiver) Registration No.:MBR30107