



Minister of Environment and Climate Change

Minister responsible for Efficiency Manitoba

Legislative Building, Winnipeg, Manitoba R3C 0V8 CANADA

Oct.3, 2025

Alexia Stangherlin
Director of Utilities
City of Brandon
410 9th Street
Brandon MB R7A 6A2
a.stangherlin@brandon.ca

Dear Alexia Stangherlin:

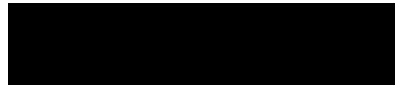
Please find enclosed the Environment Act Licence in response to your proposal dated March 23, 2023. You wish to upgrade the water treatment facility at 108-26th Street North in Brandon, Manitoba.

All licence requirements and federal, provincial, and municipal regulations and by-laws must be followed. The licensee must get approval from the Minister per The Environment Act to alter the development.

Anyone affected by this decision may appeal, in writing, to the Minister of Environment and Climate Change at minecc@manitoba.ca by Nov.3, 2025. The licence is available on the public registry at <https://www.gov.mb.ca/sd/eal/registries/index.html>.

If you have any questions regarding this approval, please contact Kayla Hagenson, Acting Regional Supervisor, Environmental Compliance and Enforcement Branch, at EnvCEWestern@gov.mb.ca or 204-648-4794.

Kind Regards,



Honourable Mike Moyes

Enclosure

c. Kayla Hagenson

LICENCE

File No.: 6180.00

Licence No. / Licence n°: 3445
Issue Date / Date de délivrance : Oct.3, 2025

In accordance with The Environment Act (C.C.S.M. c. E125)/
Conformément à la Loi sur l'environnement (C.P.L.M. c. E125)

Under Section 12(1) / Conformément au Paragraphe 12(1)

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

City of Brandon; "the licensee"

for the construction, operation, and maintenance of the development being a water treatment plant located at 108-26th Street North in the City of Brandon, with the following components as shown in Schedule A of this licence:

- a) a new water intake on the Assiniboine River;
- b) two raw water storage cells and associated raw water pipelines;
- c) a dual train membrane treatment process to supplement the existing treatment process;
- d) a new electrical substation, transformer and switch gear; and
- e) other associated appurtenances to upgrade the existing development;

and in accordance with the proposal filed under The Environment Act on March 24, 2023, additional information dated December 4, 2023, April 3, 2024, August 1, 2024, August 9, 2024, October 2, 2024, January 23, 2025, and May 6, 2025, and subject to the following specifications, limits, terms, and conditions:

DEFINITIONS

In this licence,

"accredited laboratory" means an analytical facility accredited by the Standards Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Environment and Climate Change 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;

"act" means The Environment Act or any future amendments;

"approved" means approved by the Minister, director or assigned environment officer in writing;

"day" or "daily" means any 24-hour period;

"director" means an employee so designated under the act;

"environment officer" means an employee so designated under the act;

"Minister" means the member of the Executive Council charged by the Lieutenant Governor in Council with the administration of this act;

"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 who do not live in the same household;

"pollutant" means a pollutant as defined in the act;

"record drawings" means engineering drawings complete with all dimensions which indicate all features of the development as it has actually been built;

"Standard Methods for the Examination of Water and Wastewater" means the most recent edition of Standard Methods for the Examination of Water and Wastewater published jointly by the American Public Health Association, the American Water Works Association and the Water Environment Federation;

"waste disposal ground" means an area of land designated by a person, municipality, provincial government agency, or crown corporation for the disposal of waste and approved for use under the Waste Management Facilities Regulation, or any future amendments, or a licence under The Environment Act;

"water body" means any body of flowing or standing water, whether naturally or artificially created, and whether the flow or presence of water is continuous, intermittent or occurs only during a flood, including but not limited to a lake, river, creek, stream, slough, marsh, swamp and wetland, including ice on any of them, as defined in The Water Protection Act; and

"water treatment plant (wastewater)" means a facility where wastewater from a water treatment plant is disposed of and treated.

GENERAL TERMS AND CONDITIONS

Retain Copy of Licence

1. The licensee must at all times maintain a copy of this licence at the development or at the premises from which the development's operations are managed.

Alterations to the Development

2. The licensee must notify the director and receive the approval of the Minister for any alterations to the development as licensed, prior to proceeding with such alterations.

Sampling

3. In addition to any of the limits, terms and conditions specified in this licence, the licensee must, upon the request of the director:
 - a) sample, monitor, analyze and/or investigate specific areas of concern regarding any segment, component or aspect of pollutant storage, containment, treatment, handling, disposal or emission systems, for such pollutants 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 pollutant(s) from the development;
 - 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.
4. The licensee must, unless otherwise specified in this licence:
 - a) carry out all preservations and analyses on liquid samples in accordance with the methods prescribed in the most current edition of Standard Methods for the Examination of Water and Wastewater or in accordance with equivalent preservation and analytical methodologies approved by the director;
 - b) carry out all sampling of, and preservation and analyses on, soil, compost, and air samples in accordance with methodologies approved by the director;
 - c) have all analytical determinations undertaken by an accredited laboratory; and
 - d) report the results to the director, in writing and in an electronic format acceptable to the director, within 60 days of the samples being taken.

Reporting Format

5. The licensee must submit all information required to be provided to the director or environment officer under this licence, in written and electronic format, 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 labelled with the licence number and file number associated with this licence.

Equipment Breakdown or Process Upset

6. The licensee must, 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 pollutant 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 the 24-hour environmental accident reporting line at 204-944-4888 (toll-free 1-855-944-4888). The report shall indicate the nature of the event, the time, estimated volume, and estimated duration of the event, and the reason for the event.
7. The licensee must, following the reporting of an event under clause 6 of this licence,
 - a) identify the repairs required to the mechanical equipment;
 - b) undertake all repairs to minimize unauthorized discharge of a pollutant;
 - c) complete the repairs in accordance with any written instructions of the director and/or the environment officer; and
 - d) submit a report to the director about the causes of breakdown and measures taken, within one week of the repairs being done.

Future Studies

8. The licensee must actively participate in any future watershed-based management study, plan and/or nutrient reduction program, approved by the Minister or director, for the Assiniboine River and associated waterways and watersheds.

Compliance With Other Acts and Regulations

9. The licensee must, prior to the construction of the development, obtain a permit to construct or alter a public water system from the Office of Drinking Water of Manitoba Environment and Climate Change.

SPECIFICATIONS, LIMITS, TERMS, AND CONDITIONS

Construction - General

10. The licensee must notify the assigned environment officer not less than two weeks prior to beginning construction of the development. The notification must include the intended starting date of construction and the name of the contractor responsible for the construction.
11. The licensee must restrict construction and operational activities to only such lands to which the licensee possesses legal control, by ownership or by rental, lease, or other agreement.
12. The licensee must not cause or permit a noise nuisance to be created as a result of the construction, operation or alteration of the development, and must take such steps as the director may require to eliminate or mitigate a noise nuisance.

13. The licensee must construct and operate the water supply system following Manitoba Regulations under The Public Health Act, The Drinking Water Safety Act, and all operating requirements as recommended by Manitoba Environment and Climate Change.
14. The licensee must not permit the interconnection of a private water supply system with the development.
15. The licensee must, during construction and maintenance of the development, operate, maintain and store all materials and equipment in a manner that prevents any deleterious substances (fuel, oil, grease, hydraulic fluids, coolant, paint, uncured concrete, and concrete wash water, etc.) from entering any water bodies, and have an emergency spill kit for in-water use available on site during construction.
16. The licensee must, at all times during the construction of the development, maintain materials to contain and recover spills of fuel and other fluids associated with construction machinery at construction sites.
17. The licensee must locate fuel storage and equipment servicing areas established for the construction and operation of the development a minimum distance of 100 metres from any waterbody, and 30 metres from any well, and must comply with the requirements of the Storage and Handling of Petroleum Products and Allied Products Regulation, or any future amendments.
18. The licensee must, during construction of the development, take all appropriate measures to prevent erosion and the deposition of sediment into any water body.
19. The licensee must not undertake instream construction activities in connection with the development:
 - a) between April 1 and June 30 of any year; and
 - b) during periods of high streamflow.
20. The licensee must collect and dispose of all used oil products and other regulated hazardous wastes generated by the machinery used in the construction and operation of the development following applicable legislation and Manitoba Environment and Climate Change requirements.
21. The licensee must dispose of non-reusable construction debris from the development at a waste disposal ground.
22. The licensee must, during construction and maintenance of the development, prevent the introduction and spread of foreign aquatic and terrestrial biota by cleaning equipment prior to its delivery to the site of the development and complying with the requirements of the Aquatic Invasive Species Regulation, or any future amendments.

23. The licensee must revegetate areas disturbed by the construction of the development with a mixture of native or introduced grasses or legumes. These areas must be revegetated as quickly as possible following construction to prevent soil erosion and the establishment of noxious weeds. Native species must be used to revegetate areas where native species existed prior to construction. Revegetation is not required for pipelines installed by chain trenching or ploughing on previously disturbed ground including road allowances and existing access roads.
24. The licensee must not remove, destroy or disturb species listed as rare, endangered, or of special concern, or their habitats. These species are listed in the Threatened, Endangered and Extirpated Species Regulation or any future amendments, and in the federal Species at Risk Act.
25. The licensee must comply with the requirements of The Heritage Resources Act, and suspend construction and immediately notify the Historic Resources Branch if heritage resources are encountered during the construction of the development.

Construction – Pipelines

26. The licensee must not release chlorinated water from pipeline testing and startup activities associated with the development to a surface water body until total residual chlorine concentrations are equal to or less than 0.02 milligrams per litre.

Releases of chlorinated water at higher concentrations may be made to vegetated land or dry waterways, provided that total residual chlorine concentrations have decayed to 0.02 milligrams per litre or less before the released water reaches any water body.

27. The licensee must separate and replace topsoil from backhoe and trenching operations associated with the development following the methodology described in Schedules B, C and D of this licence.

This requirement is not applicable where the topsoil has been previously disturbed due to the construction of roads or drains.

Operation

28. The licensee must divert water to the development from the Assiniboine River in N ½ 22-10-19 WPM as specified in a Water Rights licence issued under The Water Rights Act.

The water diversion and management works include:

- a) a new raw water intake system with an annual allocated capacity of up to 14,802 cubic decametres (12,000 acre-feet) of water; and
- b) two water reservoir cells with a capacity to store up to 36 and 67 cubic decametres (29.2 and 54.3 acre-feet) of water.

29. The licensee must obtain and maintain classification of the development following the Water and Wastewater Facility Operators Regulation or any future amendment and maintain compliance with all requirements of the regulation including, but not limited to, the preparation and maintenance of a table of organization, emergency response plan and standard operating procedures.
30. The licensee must carry out the operation of the development with individuals properly certified to do so following the Water and Wastewater Facility Operators Regulation or any future amendment.
31. The licensee must:
 - a) install flow measuring devices to monitor the water entering the water treatment plant;
 - b) install flow measuring devices to monitor the water leaving the water treatment plant (e.g., treated water, membrane concentrate); and
 - c) record rates of water pumped to and from the development, duration of pumping, daily volumes, and accumulated volumes of water pumped on a daily basis.
32. The licensee must, prior to removing accumulated sedimentation near the new raw water intake within the Assiniboine River, submit a plan for the approval of the director.

Record Drawings

33. The licensee must:
 - a) prepare plan view "record drawings" for the development and must label the drawings "Record Drawings"; and
 - b) provide to the director, within four months of the completion of construction of the development, an electronic copy of the "record drawings".

MONITORING AND REPORTING SPECIFICATIONS

Records Maintenance and Reporting

34. The licensee must, for a period of two years commencing six months prior to the operation of the upgraded development, conduct a plant effluent monitoring program as described in clauses 35 to 38 of this licence. The director may vary the duration of the monitoring program following the results of the grab samples collected per clause 35 of this licence.
35. The licensee must, on a quarterly basis for the duration of the effluent monitoring program, collect grab samples at four locations approved by the director.

These locations must be:

- I. upstream of the effluent discharge point on the Assiniboine River;
 - II. in the effluent stream from the existing residual treatment system;
 - III. in the effluent stream from the nanofiltration residual system; and
 - IV. immediate downstream of the effluent discharge points on the Assiniboine River.
36. The licensee must transport the grab samples collected following clause 35 of this licence to an accredited laboratory. The samples must be stored and transported to ensure that the samples are suitable for analysis.

37. The licensee must, at an accredited laboratory, have the grab samples collected following clause 35 of this licence, analyzed for the following parameters:
 - a) total residual chlorine;
 - b) total suspended solids;
 - c) total dissolved solids;
 - d) turbidity;
 - e) total ammonia nitrogen (NH₃-N);
 - f) pH;
 - g) temperature;
 - h) total magnesium;
 - i) total calcium;
 - j) hardness;
 - k) total manganese;
 - l) total sodium;
 - m) chloride; and
 - n) total iron.
38. The licensee must, not more than 60 days after the results of each quarterly analysis are available, submit the results to the director.
39. The licensee must not discharge effluent into the Assiniboine River, where the total residual chlorine content of the effluent is in excess of 0.02 milligrams per litre.
40. The licensee must during each year maintain the following records if applicable and retain them for a minimum period of five calendar years:
 - a) sampling dates;
 - b) original copies of laboratory analytical results;
 - c) a summary of laboratory analytical results;
 - d) raw water volumes; and
 - e) effluent discharge volumes.
41. The licensee must submit an annual monitoring report to the environment officer responsible for the administration of this licence by February 28 of the following year, including all records required, but not limited to clause 40 of this licence.

Contingency Plan

42. The licensee must, within 90 days of the date of issuance of this licence, update and maintain the existing emergency response contingency plan in accordance with the Canadian Centre for Occupational Health and Safety "Emergency Response Planning Guide" or other emergency planning guidelines acceptable to the director.

REVIEW AND REVOCATION

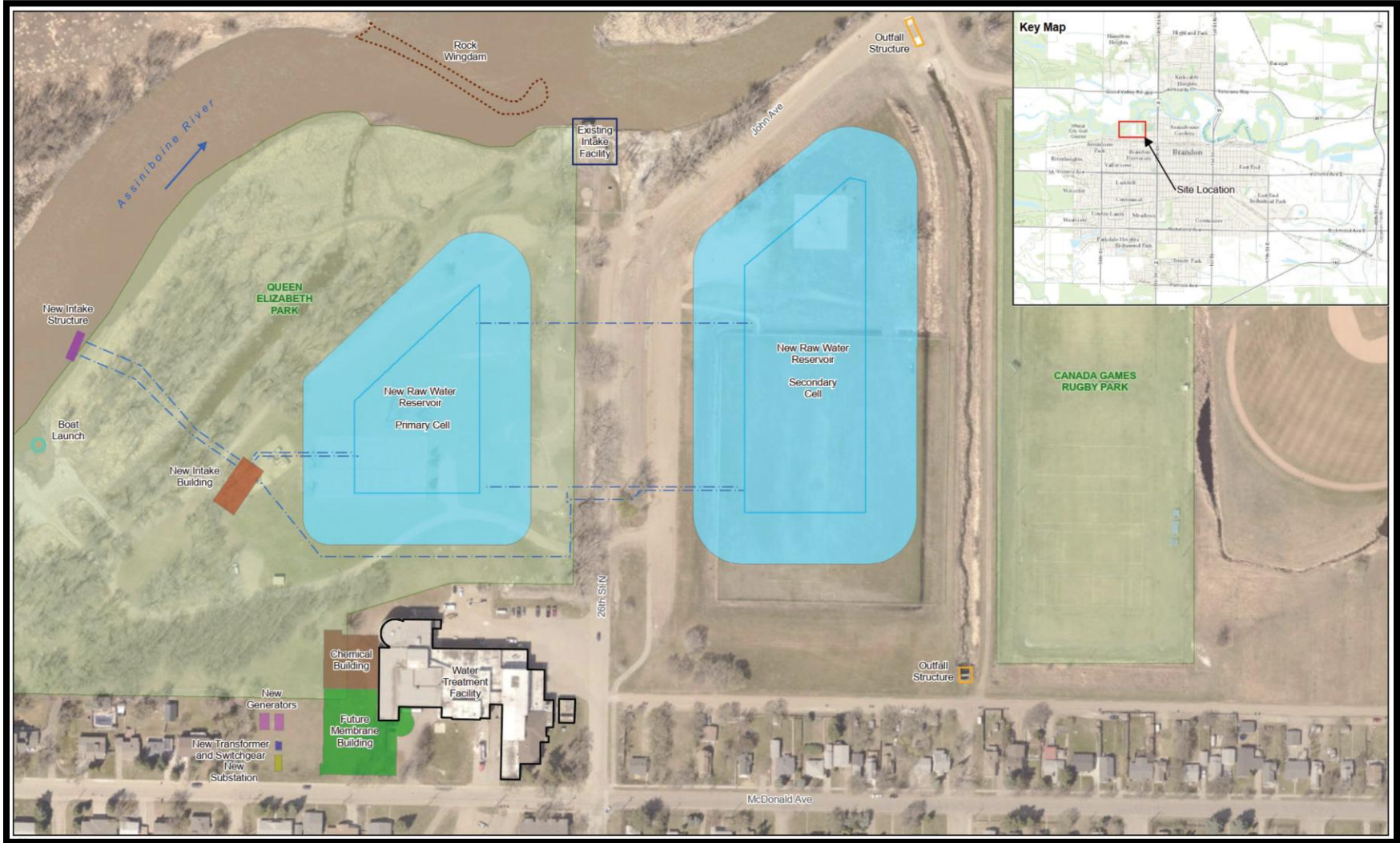
43. If, in the opinion of the Minister:
- a) The licensee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms, or conditions set out in this licence, the Minister may, temporarily or permanently, revoke this licence; or
 - b) For purposes of effective environmental management, a change in the specifications, limits, terms, or conditions of this licence is necessary, the Minister may amend the licence accordingly and thereafter the licensee must comply with the licence as amended.
44. If, in the opinion of the Minister, new evidence warrants a change in the specifications, limits, terms or conditions of this licence, the Minister may require the filing of a new proposal under Section 12 of The Environment Act or a notice of alteration under Section 14 of The Environment Act.



Honourable Mike Moyes
Minister of Environment and Climate Change

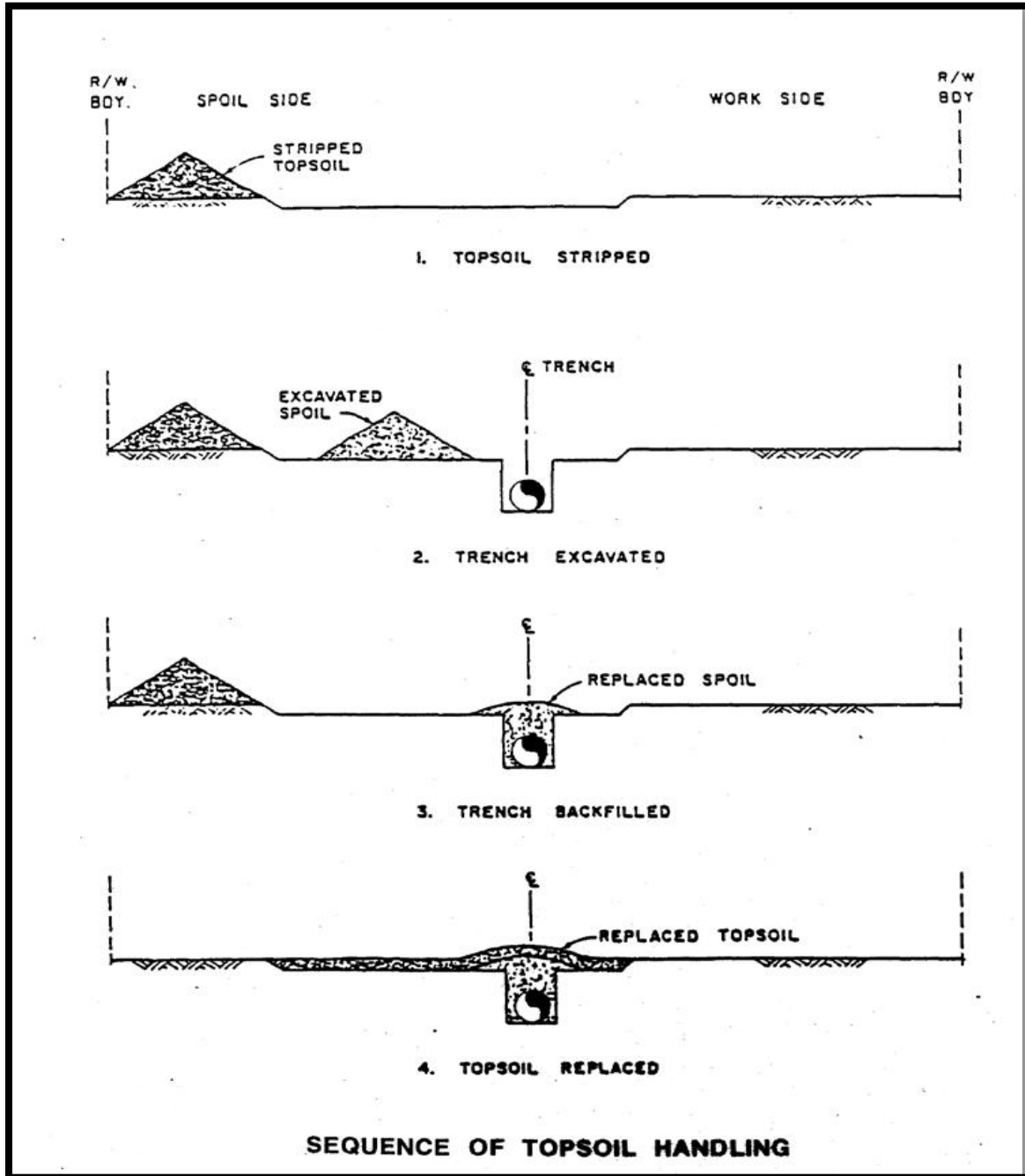
Schedule A to Environment Act Licence No. 3445

City of Brandon's project layout.



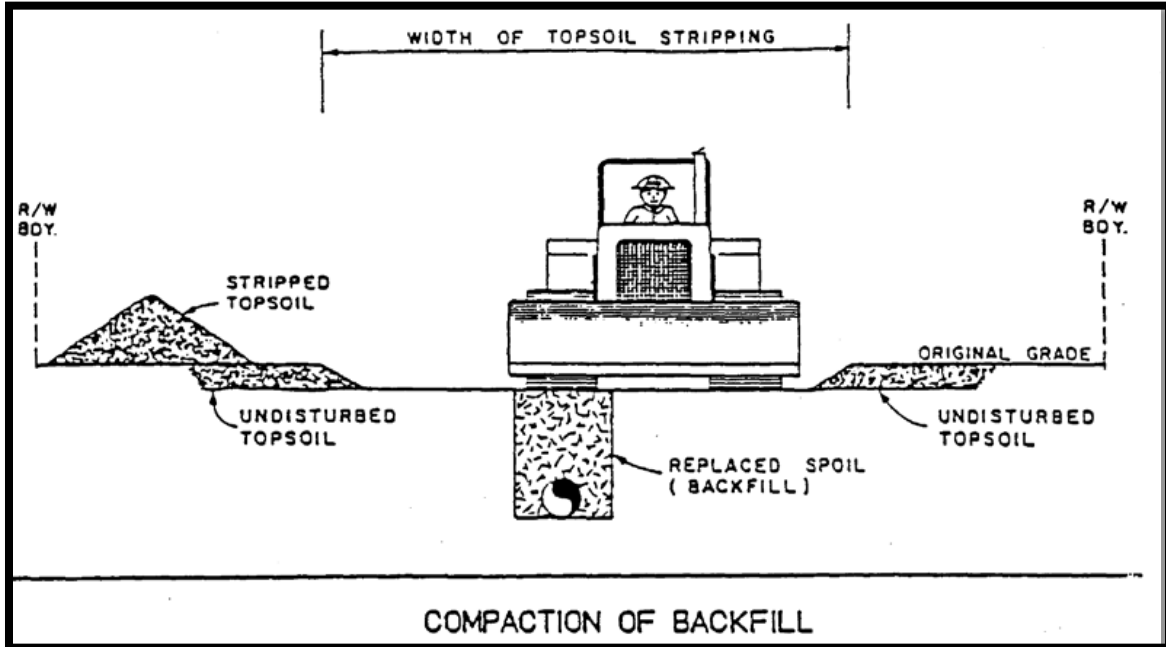
Schedule B to Environment Act Licence No. 3445

Topsoil handling following clause 27 of the licence



Schedule C to Environment Act Licence No.3445

Topsoil compaction following clause 27 of the licence



Schedule D to Environment Act Licence No. 3445

Trench roaching following clause 27 of the licence

