



Conservation and Climate

Environmental Stewardship Division
Environmental Approvals Branch
1007 Century St. Winnipeg Manitoba R3H 0W4
T 204-945-8321 F 204-945-5229

File No.: 6059.00

November 3, 2020

Vesuvia (Vee) Scromeda
Chief Administrative Officer
Town of Beausejour
Box 1028
Beausejour MB R0E 0C0

Dear Vee Scromeda:

Enclosed is **Environment Act Licence No. 3339**, issued to **Town of Beausejour** for the construction and operation of the Development being a water supply, treatment and distribution system, in accordance with the Proposal filed under The Environment 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 Development as licensed.

If you have any questions on this matter, please contact Larry Markwart, Acting Regional Supervisor, Manitoba Conservation and Climate at 204-392-3227 or Larry.Markwart@gov.mb.ca.

Pursuant to Section 27 of The Environment 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 Climate within 30 days of the date of the Licence.

Sincerely,

Original Signed by

Shannon Kohler, Director
The Environment Act

CC: Kristal Harman, Yvonne Hawryliuk, Larry Markwart – Environmental Compliance and Enforcement
Nathan Wittmeier – Manitoba Water Services Board
Public Registries
Public Distribution List (attached)

Public Distribution List

Robert Borsa	Scott Maxwell
Kelsey Kanatan Wavey	Jack Kowalchuk
Marielle Audet	Jean and Frank Stobbe
Lindy Clubb	Brian Begal
Hayden c-wood	Dave Dupuis
Jessica Clems	Janice Brolly and Robert Wood
Dave Crabb	Laurel McArthur
Michael Anderson	Debra Kelly
Dan Swain	Al Tymko
Max Dupas	Kirk Dyson and Connie Wenzoski
Stephen Johnston	Ken Nelson
Cathe and Ed Bond	Henry and Ellen Kliewer
Keris Goulet	RM of Brokenhead
Ashley Wolfe	Michael Murray
Liana Bonikowsky	Sue Murray
Mae Gobel	Sean Michaels
Sheri Charles	Samantha Braun
Shania Joyal	Philip Spevack
Pat Palanuk	Rachelle Angott
Dusty Molinski	E. Pip
Emily Jane King	Donna and Tony Teunis
Ross Humble	Brian and Neila Ryall
Tristen Foy	Sandra Cote
Chelsea Pastula	Claudette Badiou
Jimmy James	Aliza Delwar

LICENCE

File No.: 6059.00

Licence No. / Licence n°

3339

Issue Date / Date de délivrance November 3, 2020

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)

Pursuant to Sections 11(1) / Conformément au Paragraphe 11(1)

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

TOWN OF BEAUSEJOUR; "the Licencee"

for the construction and operation of the Development being a groundwater supply, treatment and distribution system for municipal purposes with the following components:

- a) two supply wells on the south side of Road 71 N (Pescitelli Road) west of Road 41 E in the carbonate aquifer;
- b) a pipeline connecting the wells with a new water treatment plant and reservoir on Park Avenue;
- c) a 36 litre/second (net) reverse osmosis and greensand filtration water treatment system;
- d) a distribution system serving the Town; and
- e) a concentrate water pipeline from the water treatment plant to the Brokenhead River at Provincial Trunk Highway 44;

in accordance with the proposal filed under The Environment Act dated May 25, 2020, 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 Conservation and Climate 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 an assigned Environment Officer in writing;

"Director" means an employee so designated pursuant to The Environment Act;

"Environment Officer" means an employee so designated pursuant to The Environment Act; and

"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 Waterworks Association and the Water Environment Federation.

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 at all times maintain a copy of this Licence at the Development or at the premises from which the Development's operations are managed.
2. In addition to any of the limits, terms and conditions specified in this Licence, the Licencee shall, upon the request of the Director:
 - a) sample, monitor, analyze 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, ambient quality, aquatic toxicity, leachate characteristics and discharge or emission rates, and for such duration and at such frequencies as may be specified;
 - b) determine the environmental impact associated with the release of any pollutant 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.
3. The Licencee shall 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 labeled with the Licence Number and File Number associated with this Licence.
4. The Licencee shall construct and operate the water supply system in accordance with Manitoba Regulations under The Public Health Act, The Drinking Water Safety Act, and all operating requirements as recommended by Manitoba Conservation and Climate.

5. The Licencee shall 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 in accordance with applicable Manitoba Conservation and Climate and legislation requirements.
6. The Licencee shall not permit the interconnection of a private water supply system with the Development.
7. The Licencee shall maintain the water supply wells associated with the Development to prevent the contamination of groundwater by surface water:
 - a) entering the well casings through the top of the casings; and
 - b) entering the well casings through the sides of the casings.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Construction - General

8. The Licencee shall notify the assigned Environment Officer not less than two weeks prior to beginning construction of the Development. The notification shall include the intended starting date of construction and the name of the contractor responsible for the construction.
9. The Licencee shall, 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 Conservation and Climate.
10. The Licencee shall dispose of non-reusable construction debris from the Development at a waste management facility operating under the authority of a permit issued pursuant to Manitoba Regulation 37/2016 respecting Waste Management Facilities, or any future amendment thereof, or a Licence issued pursuant to The Environment Act.
11. The Licencee shall 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.
12. The Licencee shall 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 shall comply with the requirements of Manitoba Regulation 188/2001 respecting Storage and Handling of Petroleum Products and Allied Products, or any future amendment thereof.

13. The Licencee shall, 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 watercourses or any well, and have an emergency spill kit for in-water use available on site during construction.
14. 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 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 and estimated duration of the event and the reason for the event.
15. The Licencee shall, following the reporting of an event pursuant to Clause 14,
 - a) identify the repairs required to the mechanical equipment;
 - b) undertake all repairs to minimize unauthorized discharges 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.
16. The Licencee shall, 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 Manitoba Regulation 173/2015 respecting Aquatic Invasive Species, or any future amendment thereof.
17. The Licencee shall revegetate soil exposed during the construction of the Development with native or introduced grasses or legumes. Native species shall be used to revegetate areas where native species existed prior to construction.

Construction – Pipelines

18. The Licencee shall, prior to constructing components of the Development on or adjacent to highway and road rights-of-way, obtain all necessary approvals from Manitoba Infrastructure.
19. The Licencee shall 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 body of surface water.

20. The Licencee shall construct waterway crossings on flowing waterways by augering, tunneling or boring. Open cut crossings on flowing waterways shall not be made unless prior consultation with Manitoba Conservation and Climate and Department of Fisheries and Oceans staff has occurred and the prior written approval of the Director has been obtained. Dry or non-flowing (i.e. hydraulically unconnected to downstream flowing water) natural and artificial waterways may be crossed with open cut techniques where approval has been obtained where necessary from the authority responsible for the channel.
21. The Licencee shall, where conditions allow, excavate endpoints for directional drilling operations a minimum of 30 m from the high water mark of third and higher order waterways, and a minimum of 15 m from the high water mark of first and second order waterways.
22. The Licencee shall construct open cut stream crossings associated with the Development in accordance with the methodologies described in the October, 2005 publication "Pipeline Associated Watercourse Crossings Third Edition", published by the Canadian Pipeline Water Crossing Committee, and the May, 1996 publication "Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat", published by the Department of Fisheries and Oceans and Manitoba Natural Resources.
23. The Licencee shall, where open cut stream crossing techniques are used on intermittent waterways and artificial drainage channels, not construct open cut crossings associated with the Development between March 15 and June 15 of any year.
24. The Licencee shall, where open cut stream crossing techniques are used on intermittent waterways and artificial drainage channels, minimize disturbance to riparian areas and restore the bottom and banks of the waterways to their original elevations and shapes.
25. The Licencee shall not alter local drainage patterns by the construction of the Development.
26. The Licencee shall separate and replace topsoil from backhoe and trenching operations associated with the Development in accordance with the methodology described in Figures 1, 2 and 3 attached to this Licence. This requirement is not applicable where the topsoil has been previously disturbed due to the construction of roads or drains.

Decommissioning of Existing Water Supply System

27. The Licencee shall, upon commissioning of the new water supply system, decommission the wells made redundant by the Development in accordance with the requirements of Manitoba Regulation 215/2015 respecting Well Standards, or any future amendment thereof.

28. The Licencee shall, upon commissioning of the new water supply system, decommission the existing water treatment plant and reservoirs and dispose of non-reusable demolition debris in accordance with the requirements of Clause 10 of this Licence.

Operation

29. The Licencee shall obtain and maintain classification of the Development pursuant to Manitoba Regulation 77/2003 respecting Water and Wastewater Facility Operators, or any future amendment thereof 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 Licencee shall carry out the operation of the Development with individuals properly certified to do so pursuant to Manitoba Regulation 77/2003 respecting Water and Wastewater Facility Operators, or any future amendment thereof.
31. The Licencee shall operate the Development with respect to the volume and rate of water diverted in accordance with a Water Rights Licence issued pursuant to The Water Rights Act.
32. The Licencee shall develop, maintain and implement a wellhead protection plan for the wells of the Development that addresses disruption and contamination due to natural disasters, spills of contaminants and vandalism.

Monitoring and Reporting

33. The Licencee shall, unless otherwise specified in this Licence:
 - a) carry out all preservations and analyses on liquid samples in accordance with the methods prescribed in the 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.
34. The Licencee shall develop and implement a groundwater level monitoring program for the Development. The program shall address monitoring well locations, monitoring frequency and equipment to be used in monitoring.
35. The Licencee shall conduct an effluent monitoring program as described in Clauses 36 to 39 of this Licence, for a period of two years commencing with the operation of the Development. Following this period, the duration of the monitoring program may be extended by the Director or Environment Officer if the results, in the opinion of the Director, indicate that a longer monitoring period is appropriate.

36. The Licencee shall, in each season of the year for the duration of the effluent monitoring program, collect grab samples at locations approved by the Environment Officer:
 - a) in the raw water entering the water treatment plant;
 - b) in the manganese greensand filter backwash water within the water treatment plant;
 - c) in the reverse osmosis concentrate water stream within the water treatment plant;
 - d) in the Brokenhead River upstream of the concentrate water discharge point; and
 - e) in the Brokenhead River not less than 100 metres downstream of the concentrate water discharge point.

37. The Licencee shall transport the grab samples collected pursuant to Clause 36 of this Licence, to an accredited laboratory for analysis. The samples shall be stored and transported in accordance with procedures specified by Manitoba Conservation and Climate to ensure that the samples are suitable for analysis.

38. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 36 of this Licence, analysed for the following parameters:
 - a) calcium
 - b) hardness as CaCO_3 ;
 - c) iron;
 - d) manganese;
 - e) sodium;
 - f) chloride;
 - g) sulphate;
 - h) pH; and
 - i) total dissolved solids.

39. The Licencee shall, not more than 30 days after the results of each analysis are available, submit the results to the Environment Officer responsible for the administration of this Licence.

REVIEW AND REVOCATION

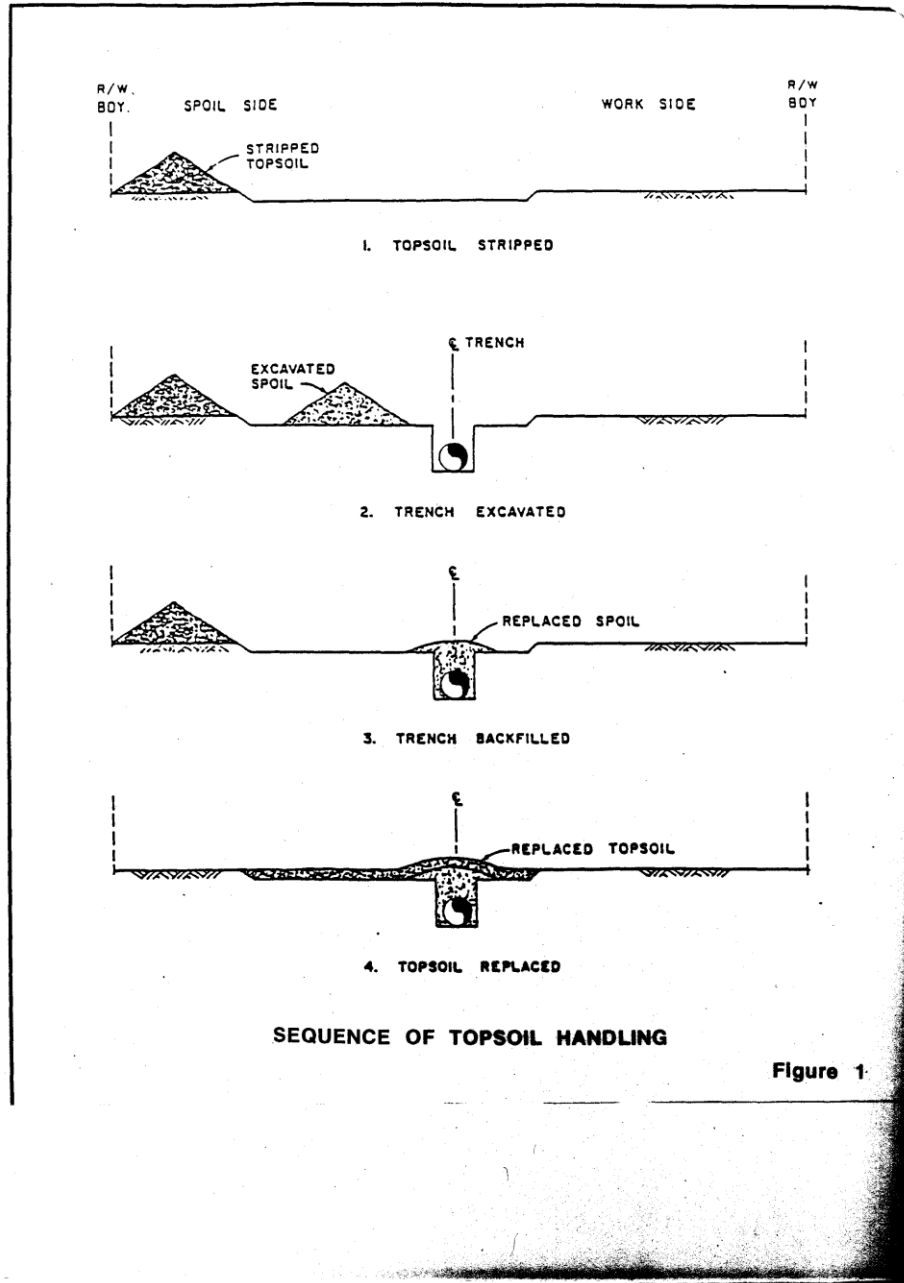
- A. Environment Act Licence No. 2085 is hereby rescinded upon commissioning of the new water supply and treatment system of the Development.
- B. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has failed or is failing to meet the specifications, limits, terms, or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- C. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to Section 11 of The Environment Act.

Original Signed by

Shannon Kohler, Director
The Environment Act

Figure 1 to Environment Act Licence No. 3339

Town of Beausejour Water Supply System



Figures 2 and 3 to Environment Act Licence No. 3339

Town of Beausejour Water Supply System

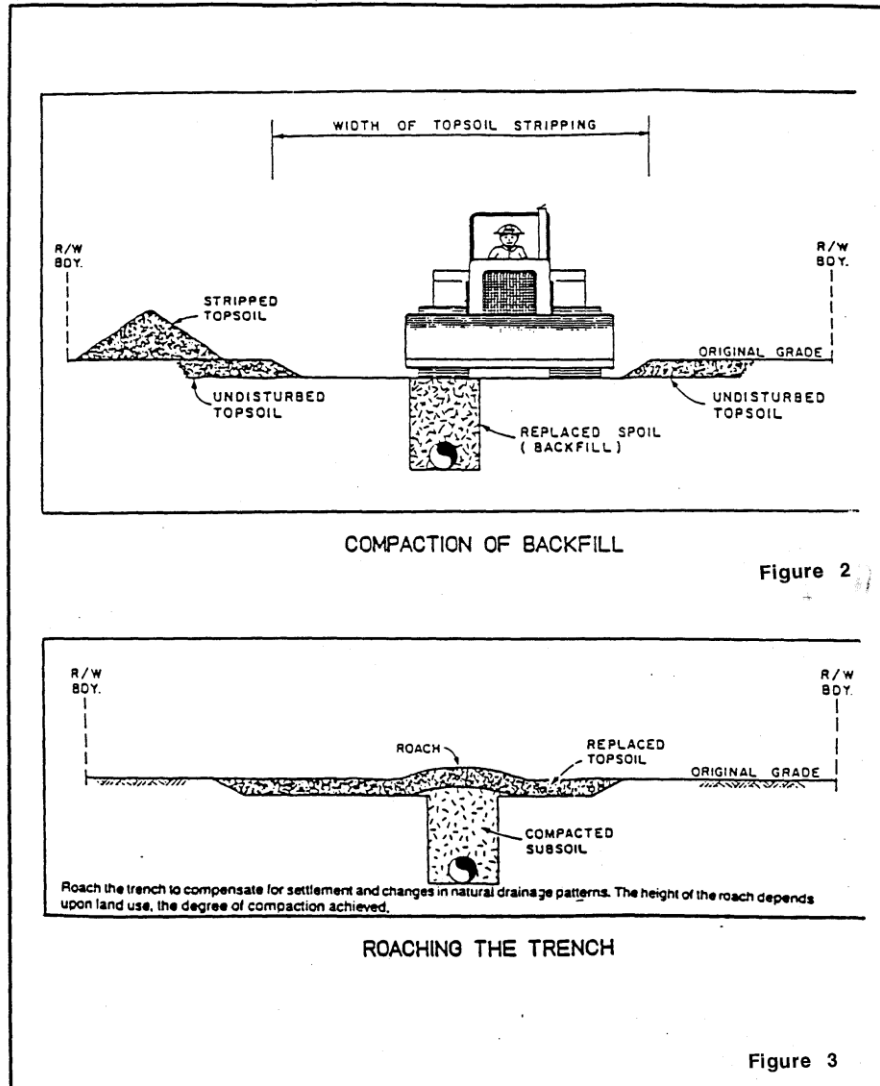


Figure 2

Figure 3