



Conservation

Climate Change and Environmental Protection Division
Environmental Assessment and Licensing Branch
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June 28, 2011

Mr. Kevin Dales, General Manager
Portage La Prairie Consumers Co-operative Ltd.
P.O. Box 70
Portage La Prairie MB R1N 3B3

Dear Mr. Dales:

Re: Notice of Alteration - Portage La Prairie Consumers Co-operative Ltd. - Client File: 3892.00

Please be advised that Environment Act Licence 1964 RR has been revised based on the proposed upgrades to the site and to reflect current standards. The revised licence, Environment Act Licence 1964 RRR, is attached. Environment Act Licence 1964 RR is hereby rescinded.

This is in response to your e-mail request, dated January 25, 2011, for an alteration to Environment Act Licence 1964 RR for upgrades to be undertaken at the Portage Consumers Co-operative Limited - Austin, located on SE 33-11-11 WPM. The upgrades involve the construction of a new granular fertilizer shed to replace the existing granular fertilizer storage bins and to increase granular fertilizer storage at the site.

It has been determined that the potential environmental effects of the requested alteration are insignificant and can be accommodated by the existing limits, terms and conditions of the Environment Act licence for the Development. Approval is hereby granted to implement the alteration pursuant to Section 14(2) of *The Environment Act*.

This letter also acknowledges that the upgrades proposed in your letter of May 18, 2010, consisting of the addition of six granular fertilizer storage bins to the site, will not be undertaken. My approval for this alteration, dated June 3, 2010, is hereby rescinded.

For further information on the administration and application of the Licence, please feel free to contact Mr. Raymond Reichelt, District Supervisor at (204) 239-3608.

Thank you for providing this information.

Yours truly,

for Tracey Braun, M. Sc.
Director
Environmental Assessment and Licensing Branch

c: Don Labossiere, Director, Environmental Operations
Raymond Reichelt, District Supervisor, Environmental Operations
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 1964 RRR (*by the Licensee only*) is required by the Director of Environmental Assessment and Licensing. Please acknowledge receipt by signing in the space provided below and faxing a copy (letter only) to the Department by July 13, 2011.

Portage La Prairie Consumers Co-operative Ltd.

Date

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

LICENCE

Licence No. / Licence n°	<u>1964 RRR</u>
Issue Date / Date de délivrance	<u>November 21, 1994</u>
Revised:	<u>August 28, 1995</u>
Revised:	<u>February 9, 2005</u>
Revised:	<u>June 28, 2011</u>

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 10(1) and 14(2)/ Conformément au Paragraphe 10(1) et 14(2)

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

PORTAGE LA PRAIRIE CONSUMERS COOPERATIVE LIMITED;
"the Licencee"

for the construction and operation of the Development being a crop protection products warehouse, a granular fertilizer warehouse, an anhydrous ammonia storage tank, and distributing facilities in the SE1/4 33-11-11 WPM in the Rural Municipality of North Norfolk, 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;

“**affected area**” means a geographical area excluding the property of the Development;

“**ambient concentration**” means the measurement of a substance contained in an air sample (corrected to a temperature of 25°C and to a pressure of 101.3 kilopascals) which has been collected from any point beyond the property line of the Development;

“**chemical**” includes, but is not limited to petroleum products, fertilizers and pesticides;

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

“Environment Officer” means an employee so designated pursuant to The Environment 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;

“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;

“opacity” means the degree to which emissions reduce the transmission of light and obscure the view of an object in the background;

“particulate matter” means any finely divided liquid or solid matter other than water droplets;

"particulate residue" means that part or portion of an atmospheric emission which is deposited onto a surface;

"permanent anhydrous ammonia tank(s)" means any storage container certified for the storage of anhydrous ammonia which is attached to a fixed supporting structure;

"pesticide storage structure(s)" means any building(s) where agricultural crop protection products are stored for either commercial or retail purposes;

"point source" means any point of emission from a Development where pollutants are ducted into the atmosphere;

"secondary containment area" means an area designed and constructed to contain any liquids, including chemicals and firewater, resulting from a significant event such as a fire, and prevent the release of pollutants beyond the contained area; and

"sewage" means household and commercial wastewater that contains human waste.

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, in addition to any of the following specifications, limits, terms and conditions specified in this Licence, upon the request of the Director:
 - a) sample, monitor, analyse 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 pollutants 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.
2. 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, and each submission shall be clearly

labelled with the Licence Number and Client File Number associated with this Licence.

3. The Licencee shall meet or exceed the guidelines for Agrichemical Warehousing Standards Association (AWSA) certification.
4. The Licencee shall install and maintain, for all pesticide storage structure(s), an automatic system(s) for fire detection and security.
5. The Licencee shall, at all times during the operation of the Development, implement a high standard of equipment maintenance and operational practices.
6. The Licencee shall reduce the production and dissemination of wastes by initiating and maintaining waste reduction and waste recycling programs.
7. The Licencee shall obtain all necessary municipal, provincial and federal permits and approvals for construction of relevant components of the Development prior to commencement of construction.
8. The Licencee shall, during construction and operation of the Development:
 - a) Immediately report any reportable spills of fuels or other contaminants to Manitoba Conservation's Accident Reporting Line at (204) 944-4888 in accordance with the requirements of *Manitoba Environmental Accident and Reporting Regulation (439/87)*; and
 - b) provide a written report concerning the spill and the actions taken to the Director within one week of occurrence of the spill.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Respecting Emissions

9. The Licencee shall not emit ammonia from the Development such that the ambient concentration of ammonia in air is in excess of:
 - a) 10 parts per million at any time when measured at any point beyond the property line of the Development; or
 - b) 2 parts per million on an 1-hour average when measured at any point beyond the property line of the Development.
10. The Licencee shall not emit particulate matter from the Development such that:
 - a) particulate matter:
 - i) exceeds 0.23 grams per dry standard cubic metre calculated at 25 degrees Celsius and 760 millimetres of mercury from any point source of the Development;
 - ii) exhibits a visible plume with an opacity of greater than 5 percent at any point beyond the property line of the Development; or
 - iii) results in the deposition of visible particulate residue at any time beyond the property line of the Development; or

- b) opacity from any point source of the Development equals or exceeds:
 - i) 20 percent as the average of any 24 consecutive opacity observations taken at 15 second intervals;
 - ii) 20 percent for more than 16 individual opacity observations within any 1 hour period; or
 - iii) 40 percent for any individual opacity observation.
- 11. 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.
- 12. The Licencee shall not cause or permit a noise 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 a noise nuisance.
- 13. The Licencee shall clean up immediately any pesticide or fertilizer spills in order to prevent soil, surface water or ground water contamination.
- 14. The Licencee, subject to obtaining approval from an Environment Officer, shall immediately dispose of any contaminated material in accordance with the approval.
- 15. The Licencee shall remediate, within a time frame stipulated by the Director, all on and off-site environmental impacts as a result of any release of anhydrous ammonia.
- 16. The Licencee shall not direct any spillage, contaminated run-off or pollutant, other than sewage, to an approved sewage disposal system.
- 17. 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 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 and air samples in accordance with methodologies approved by the Director;
 - c) only utilize an accredited laboratory for analytical determinations; and
 - d) report the results to the Director within 60 days of the samples being taken, or within another timeframe as specified by the Director.

Respecting Pesticides

- 18. The Licencee shall construct and maintain concrete floors with a minimum 10 centimetres retention curbing around the perimeter of all chemical storage structure(s) so as to prevent spilled liquids from leaking into the soil.
- 19. The Licencee shall adequately dyke the crop protection products warehouse to provide a secondary containment area, and install a gate valve at the lowest elevation point that controls surface water run-off from the secondary containment area. The

gate valve shall remain in the closed position except for the supervised release of the accumulated surface water runoff where there have been no documented spills, or as authorized by an Environment Officer.

20. The Licencee shall ensure that the base of the crop protection products waterhouse secondary containment area is lined with a minimum of 45 centimetres of compacted clay material or other materials approved by the Director.
21. The Licencee shall ensure that the surface of the secondary containment area is inspected semiannually for desiccation cracks, and that the secondary containment area's continuity is maintained.
22. The Licencee shall notify Manitoba Conservation when any spill has occurred in the dyked secondary containment area. If the accumulated liquid within the secondary containment area may be contaminated, it shall be sampled and the sample shall be analyzed by an accredited laboratory prior to requesting authorization for release. The results of the analysis shall be included in the request for authorization for release. Following a spill, no accumulated liquid within the secondary containment area shall be released without the prior authorization of an Environment Officer.
23. The Licencee shall maintain a log of all spills that occur within the secondary containment area. The log shall include, but not be limited to, the date and time of the spill, substances involved, estimated volumes spilled, and the containment and clean up actions taken. This incident log shall be updated within 24 hours of all incidents.
24. The Licencee shall contain in the secondary containment area of the Development:
 - a) any chemical spill;
 - b) waste water generated from any response action due to an on-site release of chemicals; and
 - c) contaminated water resulting from the extinguishing of any fire involving chemicals.
25. The Licencee shall locate pesticide storage structure(s) within:
 - a) 100 metres from any property zoned residential; and
 - b) 100 metres from single residencesunless a written consent form is obtained from the owner(s).
26. The Licencee shall create and maintain a current duplicate inventory of all pesticides stored at the Development, with one copy stored at the premises of the Development, and the other copy stored at a location off-site from the Development.
27. The Licencee shall store only pesticides registered under the federal *Pest Control Products Act* at the Development.
28. The Licencee shall not mix pesticide chemicals or fill or re-fill pesticide chemical containers at the Development.

Respecting Fertilizers

29. The Licencee shall not locate any permanent anhydrous ammonia tank(s) used for the on-site storage of ammonia prior to redistribution, within:
 - a) 200 meters from residential areas, schools, hospitals, or other institutions;
 - b) 100 metres from a single isolated residence; or
 - c) 30 metres from the edge of the right of way of a highway.
30. The Licencee shall install a minimum 2.4 metre high fence surrounding the Anhydrous Ammonia Tank (s) to discourage access to unauthorized persons.
31. The Licencee shall surface, grade, dike, and/or curb all areas where fertilizer is stored, loaded, blended, transferred or otherwise handled in a manner and using materials approved by the Director, such that all product spillage and contaminated run-off water from these areas is contained within the Development.

Respecting Emergency Response Planning

32. The Licencee shall submit, within ninety (90) days of the issue date of this Licence, an emergency response contingency plan to be approved by the Director. This plan shall be in accordance with the Canadian Centre for Occupational Health and Safety emergency planning guidelines and shall include, but not be limited to, measures implemented for spill prevention and containment; security; personnel training; and fire and other response arrangements.

Respecting Site Decommissioning

33. The Licencee shall submit within one (1) year prior to closure of the facility, for the approval of the Director, a formal detailed Decommissioning Plan for the facility.
34. The Licencee shall implement, on closure of the facility, the approved Decommissioning Plan.

REVIEW AND REVOCATION


- A. Environment Act Licence No. 1964 RR is hereby rescinded.
- B. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has 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.

Portage La Prairie Consumers Co-operative Ltd.

Licence No. 1964 RRR

Page 8 of 8

- 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 10 of The Environment Act.


for
Tracey Braun, M.Sc.
Director
Environment Act

Client File No.: 3892.00