



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg, Manitoba, Canada R3C 1A5
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/conservation/eal

May 26, 2016

Mr. Jason McNaughton
Standard Nutrition Canada
627 Pliguet Steet
Winnipeg, MB R2J 2W9

Dear Mr. McNaughton:

Re: Standard Nutrition Canada Co. Compost Permit, Permit 44693

Enclosed please find the permit for your compost facility.

Please note that failure to comply with any condition of the permit may result in prosecution pursuant to the *Waste Disposal Grounds Regulation*.

Pursuant to Section 27 of *The Environment Act*, this permit may be appealed to the Minister of Sustainable Development by any person who is affected by the issuance of this permit within 30 days of the date of issue.

In addition to the enclosed Permit requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with.

If, in the opinion of the Director, new evidence warrants a change in the terms, or conditions of this Permit or if the operation changes such that it becomes a commercial composting operation as defined in regulation, the Director may require the filing of a proposal pursuant to Section 10 of *The Environment Act*.

If you have any questions concerning the permit or procedures, please call Tyler Kneeshaw in Portage la Prairie at (204) 239-3608 or via electronic mail at tyler.kneeshaw@gov.mb.ca.

Yours sincerely,

Tracey Braun, M.Sc.
Director
Environmental Approvals Branch

c: D. Labossiere/D.Smiley, Environmental Compliance and Enforcement Branch

NOTE: Confirmation of Receipt of this Permit No. 446935 (by the Permittee 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 by June 9, 2016.

On behalf of Standard Nutrition Canada Co.

Date

Compost Facility Operating Permit

Permit No: 44693

Client File: 62495

In accordance with the *Waste Disposal Grounds Regulation*, made under *The Environment Act*, **Standard Nutrition Canada Co.** is hereby permitted to operate a **Compost Facility**, to be known as the **Standard Nutrition Compost Facility** situated at **SW 5-14-9 WPM** in the Municipality of Westlake-Gladstone, Province of Manitoba

THIS OPERATING PERMIT is subject to being AMENDED, SUSPENDED or REVOKED under section 6 of the *Waste Disposal Grounds Regulation*.

THIS OPERATING PERMIT is issued subject to the following TERMS AND CONDITIONS:

Definition

"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;

General Terms and Operating Conditions

1. This permit expires on **October 31, 2021**.
2. The Operator shall maintain and operate the Standard Nutrition Compost Facility (the Facility) in accordance with the most current version of the *Waste Disposal Grounds Regulation* (M.R. 150/91) and this Operating Permit.
3. Within six (6) months of issuance of this permit, the Operator shall submit to the Director for approval an Operation and Maintenance plan for this Facility. This plan should include but not be limited to fire, emergency and safety procedures, odour and vector control program details, composting materials accepted, types of bulking materials to be used, details of composting practices followed and disposal location and handling practices for materials not accepted.
4. The Operator shall maintain a copy of the Plan developed pursuant to Condition 3 of this Permit and a copy of this Operating Permit at the Facility, and provide to the Environment Officer upon request.

5. The Operator shall obtain approval in writing from the Director for any proposed alterations to the Facility before proceeding with the alteration.
6. The Operator shall implement control measures to prevent attraction and sustenance of rodents and scavenging vectors.

Odour

7. The Operator shall not cause or permit an odour nuisance to be created as a result of the construction, operation, or alteration of the Facility, and shall take such steps as the Director may require to eliminate or mitigate an odour nuisance.

Surface Water Management

8. The site shall be maintained such that there is no standing stagnant water in the area where the compost windrows are situated.

Composting

9. The Operator shall maintain a minimum of 100 metres from the compost windrows to any surface watercourse, sinkhole, spring or well and to the operation's boundaries.
10. The Operator shall remove the compost windrow from a composting area no later than November 10 of the year following any year when the Operator develops that specific composting windrow.
11. After the compost windrow referred to in Condition 10 is removed, the area must remain empty of composting material for at least 12 months. Before placing another compost windrow in the area again, the Operator must grow a crop on the emptied compost windrow area that will deplete the area of any leached nutrients.
12. The Operator shall compost materials in accordance with the Operation and Maintenance Plan approved pursuant to Condition 3 of this Operating Permit.
13. The Operator shall only accept and use fish and fish offal, turkey manure, dairy manure, broiler chicken manure, beef cow manure, equine manure, swine manure, green manure (pasture grass), straw, wood, wood chips, or sawdust as feedstock. The Operator shall obtain written approval from an Environment Officer prior to the use or collection of any other feedstock materials.

Compost Use

14. The Operator shall not sell any compost made at this Facility without first applying for and obtaining a Licence in accordance with Section 10 of *The Environment Act*.
15. The Operator shall not sell or make available, to any third party, compost generated at the Facility that does not achieve the quality requirements and specifications as contained in the most recent edition of the CCME publication entitled "*Guidelines for Compost Quality – PN 1340*" or equivalent standard approved by the Director.
16. The Operator shall not apply compost to land between November 10 of one year and April 10 of the following year.

17. With the application of compost to land, the Operator shall not exceed the soil residual nitrate nitrogen limits and phosphorus thresholds as described in the *Livestock Manure and Mortalities Management Regulation* (M.R. 42/98) and the *Nutrient Management Regulation* (M.R. 62/08).
18. The Operator shall apply compost to land in accordance with the attached Appendix A: Compost Application Setback Distances derived from the *Livestock Manure and Mortalities Management Regulation* (M.R. 42/98) and the *Nutrient Management Regulation* (M.R. 62/08).

Environmental Emergency Reporting

19. The Operator shall, in the event of a fire which continues in excess of thirty (30) minutes, report the fire to the Environmental Emergency Response line by calling 1-855-944-4888 and identify the type of material involved and the location of the fire.

Annual Report

20. The Operator shall submit an annual report by January 31, detailing the activities of the previous calendar year, in a format acceptable to the Director, to include at minimum:
 - a) the volume or mass of feedstock composted
 - b) the types of feedstock composted;
 - c) the end use of the compost;
 - d) any odour complaints received and actions taken;
 - e) any vector or nuisance wildlife activities and actions taken; and
 - f) results of any quality testing of the compost.

May 27, 2016
Date

Tracey Braun
Tracey Braun, M.Sc.
Director

Appendix A: Compost Application Setback Distances

Surface water or Groundwater Feature		Manure Application Method	Setback Width (metres) with Permanently Vegetated Buffer Width (metres)	Manure Application Setback Width (metres) with no Permanently Vegetated Buffer	Regulation Source for Setback Width
Lakes	Designated as vulnerable in Nutrient Management Regulation schedule	Any method	30 m setback, consisting of 30 m permanently vegetated buffer	35 m setback	Nutrient Management Regulation (MR 62/2008)
	-	Injection or low-level application followed by immediate incorporation	15 m setback, consisting of 15 m permanently vegetated buffer	20 m setback	Livestock Manure and Mortalities Management Regulation (MR 42/98)
		High-level broadcast or low-level application without incorporation	30 m setback, including 15 m permanently vegetated buffer	35 m setback	
Rivers, creeks, streams and large unbermed drains, designated as an Order 3 or greater drain on a plan of Manitoba Water Stewardship, Planning and Coordination, that shows designation of drains	Designated as vulnerable in Nutrient Management Regulation schedule	Any method	15 m setback, consisting of 15 m permanently vegetated buffer	20 m setback	Nutrient Management Regulation (MR 62/2008)
	-	Injection or low-level application followed by immediate incorporation	3 m setback, consisting of 3 m permanently vegetated buffer	8 m setback	Livestock Manure and Mortalities Management Regulation (MR 42/98)
		High-level broadcast or low-level application without incorporation	10 m setback, including 3 m permanently vegetated buffer	15 m setback	
Groundwater feature	-	Any method	15 m setback, consisting of 15 m permanently vegetated buffer	20 m setback	Nutrient Management Regulation (MR 62/2008)
Major wetland, bog, marsh or swamp and constructed storm water retention ponds	-	Any method	3 m setback, consisting of 3 m permanently vegetated buffer	8 m setback	
Wetland, bog, marsh or swamp not defined as major	-	Any method	Distance between the water's edge and the high water mark		
Roadside ditch or an Order 1 or 2 drain	-	Any method	No direct application to ditches and Order 1 and 2 drains		

Interpretation of "major wetland, bog, marsh or swamp"

- 1(2) For the purposes of this regulation, a wetland, bog, marsh or swamp is major if
- (a) it has an area greater than 2 ha (4.94 acres);
 - (b) it is connected to one or more downstream water bodies or groundwater features; and
 - (c) it contains standing water or saturated soils for periods of time sufficient to support the development of hydrophytic vegetation.