

Ministry of the Environment
Environmental Assessment and
Approvals Branch
Floor 12A
2 St Clair Ave W
Toronto ON M4V 1L5
Fax: (416)314-8452
Telephone: (416) 314-5138

Ministère de l'Environnement
Direction des évaluations et des
autorisations environnementales
Étage 12A
2 av St Clair O
Toronto ON M4V 1L5
Télécopieur : (416)314-8452
Téléphone : (416) 314-5138



January 4, 2008

Alison Braithwaite, Director, Environmental Performance
Niagara Waste Systems Limited
Post Office Box, No. 100
Thorold, Ontario
L2V 3Y8

Dear Ms. Braithwaite:

**Re: Application for Approval of changes to conditions 47, 48, 50 & 51
Niagara Biosolids Corporation, Certificate of Approval A121030
Thorold City, Regional Municipality of Niagara
MOE Reference Number 2788-75AHPQ**

Please find enclosed an amendment dated December 18, 2007 to the Certificate of Approval for the waste processing facility operated by Niagara Biosolids Corporation. The proposed amendment amends conditions 47, 48, 50 and 51 to address your concerns regarding the maximum temperature of the in process waste, the suite of parameters that require testing, and the use of the processed material as a fertilizer.

If you have any questions regarding the above, please contact me at the above phone number.

Yours truly,

A handwritten signature in blue ink that reads "Greg Washuta".

Greg Washuta, P. Eng., M. Eng.
Senior Waste Engineer, Waste Unit

c: District Manager, MOE Niagara District
Linda Gabriele, MOE, Niagara District



Ministry
of the
Environment Ministère
de
l'Environnement

AMENDMENT TO PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE

NUMBER A121030

Notice No. 2

Issue Date: December 18, 2007

Niagara Waste Systems Limited
Post Office Box, No. 100
Thorold, Ontario
L2V 3Y8

Site Location: Niagara Waste (Walker Bros.) Biosolids Facility
3865 Townline Rd
Thorold City, Regional Municipality of Niagara, Ontario

You are hereby notified that I have amended Provisional Certificate of Approval No. A121030 issued on March 21, 2006 for the use and operation of a 0.62 acre waste processing facility within a 2.0 acre waste disposal site to be used for the receipt and processing of processed organic waste , as follows:

Condition 47 (a) created on March 21, 2006 is hereby revoked and replaced with the following:

47a. The Owner and Operator shall ensure that the In-Process Waste exiting the rotary dryer within the heat-pulse cells is maintained for at least twelve (12) hours at a minimum temperature of 52 degrees Celsius and at a pH of greater than 12.

Condition 47 (b) created on March 21, 2006 is hereby revoked.

Condition 48 (c) created on March 21, 2006 is hereby revoked and replaced with the following:

48c. All composite samples shall be monitored for the following suite of parameters:

- i. arsenic, cadmium, cobalt, copper, chromium, mercury, molybdenum, nickel, lead, selenium and zinc;
- ii. Fecal coliform and Salmonella sp.
- iii. nitrogen, phosphorous and potassium
- iv. ammonia
- v. calcium carbonate equivalence
- vi. percent volatile solids, total organic carbon
- vii. sieve test
- viii. odour

Condition 50 created on March 21, 2006 is hereby revoked and replaced with the following:

50. The *Owner* shall provide to the *Director* and *District Manager* prior to the initial shipment of the

Processed Material being transferred off Site for use as a *Supplement* the following information

- a. a copy of the complete application package submitted to Canadian Food Inspection Agency in support of the request to manufacture the *Supplement* ;
- b. the specific requirements of the Canadian Food Inspection Agency that must be met for the processed material to be considered a *Supplement* including all process monitoring, analytical, and quality assurance / quality control requirements; and
- c. a copy of the Product Label.

Condition 51 created on March 21, 2006 is hereby revoked and replaced with the following:

- 51a. All *Processed Material* shipped from the *Site* as *Finished Product* must be accompanied by a Product Label as required by the Canadian Food Inspection Agency. If the *Processed Material* does not meet the criteria it shall be managed as a waste in accordance with the requirements of the *EPA* , the *OWRA* and all other Federal, Provincial and Municipal Legislation, Regulations, and By-laws. *Processed Material* managed as waste shall only be disposed of at a *Ministry* approved site or a site approved to accept such waste by an equivalent jurisdiction.
- 51b. The Owner shall submit to the District Manager a letter signed by a Professional Engineer or the Director of the Company confirming that the *Processed Material* leaving the *Site* meets the requirements of the Canadian Food Inspection Agency.

The following items are added to Schedule "A":

10. Letter dated July 17, 2007 from Alison Braithwaite, Niagara Biosolids Corporation to Brad Ross, Ministry of the Environment.
11. Application for a Provisional Certificate of Approval for a Waste Disposal Site for the site owned by Niagara Biosolids Corporation at 3865 Townline Road, Thorold, Ontario, dated July 7, 2007.
12. Letter dated September 14, 2007 from Alison Braithwaite, Niagara Biosolids Corporation to Narren Santos, Ministry of the Environment.
13. Letter dated December 10, 2007 from Dessa Fox, Environmental Coordinator, Niagara Biosolids Corporation to Greg Washuta, Senior Waste Engineer, Ministry of the Environment.

The reasons for this amendment to the Certificate of Approval are as follows:

All in accordance with the application submitted on July 7, 2007 and the supporting documentation listed in Schedule "A".

This Notice shall constitute part of the approval issued under Provisional Certificate of

Approval No. A121030 dated March 21, 2006

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
2300 Yonge St., Suite 1700
P.O. Box 2382
Toronto, Ontario
M4P 1E4

AND

The Director
Section 39, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.

DATED AT TORONTO this 18th day of December, 2007



Tesfaye Gebrezghi, P.Eng.
Director
Section 39, *Environmental Protection Act*

GW/

c: District Manager, MOE Niagara District
Alison Braithwaite, Niagara Waste Systems Ltd.
Linda Gabriele, MOE, Niagara District