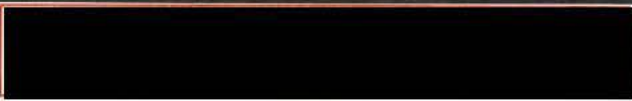


Notice of Alteration Form



File No.:	5951.00	Environment Act Licence No.:	3377
Legal name of the Licencee: City of Winnipeg			
Name of the development: Biosolids Land Application			
Category and Type of development per Classes of Development Regulation: Waste Treatment and Storage Biosolids application			
Licencee Contact Person: Chris Carroll, City of Winnipeg, Manager of Wastewater Services			
Mailing address of the Licencee: 109-1199 Pacific Ave			
City: Winnipeg		Province: MB	Postal Code: R3E3S8
Phone Number: (204) 986-7435		Fax:	Email: ccarroll@winnipeg.ca
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Kerri Barenz, City of Winnipeg, Project Coordinator			
Phone: (204) 803-0068		Mailing address: 2230 Main Street, Winnipeg MB, R2V 4T8	
Fax:			
Email address: kbarenz@winnipeg.ca			
Short Description of Alteration (max 90 characters): Alternative biosolids sampling schedule			
Alteration fee attached: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>			
If No, please explain:			
Date: 2023-05-12	Signature: 		
	Printed name: Chris Carroll		
A complete Notice of Alteration (NoA) consists of the following components: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Cover letter <input checked="" type="checkbox"/> Notice of Alteration Form <input checked="" type="checkbox"/> 1 hard copy and 1 electronic copy of the NoA detailed report (see "Information Bulletin - Alteration to Developments with Environment Act Licences") <input checked="" type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance) 		Submit the complete NoA to: Director, Environmental Approvals Branch Manitoba Environment, Climate and Parks 1007 Century Street Winnipeg, Manitoba R3H 0W4 EABDirector@gov.mb.ca For more information: Phone: (204) 945-8321 Fax: (204) 945-5229 https://www.gov.mb.ca/sd/permits_licenses_approvals/eal/licence/index.html	
Note: Per Section 14(3) of the Environment Act, Major Notices of Alteration must be filed through submission of an Environment Act Proposal Form (see "Information Bulletin – Environment Act Proposal Report Guidelines")			



**Water and Waste
Eaux et déchets**

May 12, 2023

Environment and Climate
Environmental Approvals Branch
Environmental Compliance and Enforcement Branch
Box 36 14 Fultz Boulevard
Winnipeg, MB R3Y 0L6

Attention: Agnes Wittmann, Director

**RE: NOTICE OF ALTERATION, ENVIRONMENT ACT LICENCE NO. 3377
CITY OF WINNIPEG BIOSOLIDS LAND APPLICATION**

Please accept this letter as a request for a Notice of Alteration to Environment Act Licence NO. 3377.

The City of Winnipeg is proposing an alteration to Schedule "A" of Environmental Act Licence NO. 3377; Biosolids, sampling.

The following sections provide information on the proposed biosolids sampling change. Section 1 outlines the sampling schedule. Section 2 outlines the reasoning. Appendix A provides historic volumes of land applied biosolids.

1.0 Proposed Sampling

The City of Winnipeg would like to propose the following alternate sampling schedule under Schedule "A" Biosolids.

At least once every two (2) weeks, a representative composite sample of biosolids shall be collected from the Licensee's treatment facility. A representative sample shall be a composite of a minimum of eight (8) samples collected over a two (2) week period, from biosolids that will be removed from the Licensee's treatment facility for application to agricultural land in that year.

2.0 Reasoning for the Request

EAL 3377 requires the collection of a composite sample of biosolids once every two weeks; the composite is to be comprised of five aliquots collected over an eight (8) hour period.

—
WASTEWATER SERVICES DIVISION
109-1199 Pacific Avenue, Winnipeg, Manitoba R3E 3S8

DIVISION DES EAUX USÉES

T. | Tél. : 204-986-7550

F. | Fax : 204-986-7193

1199, avenue Pacific, Porte 109, Winnipeg (Manitoba) R3E 3S8

winnipeg.ca

The current practice is labour intensive as it requires an Operator to dedicate their entire work day to the collection of biosolids samples and does not provide a representative sample of the biosolids produced.

The City of Winnipeg would like to provide a less labour intensive and more representative composite sample of the biosolids produced for the application to agricultural land. The proposed alternative sampling would require a minimum of eight (8) samples, one (1) sample per day for each centrifuge in operation. The proposed alternative would be accounting for holidays, when sample collection may not be possible. Though under typical operation would include up to 20 samples as the facility typically has two (2) centrifuges in operation.

The City of Winnipeg feels this proposed alteration aids with our current staffing limitations while providing a more accurate composite sample of the biosolids being produced for the application to agricultural lands.

Should you have any questions on this NoA letter, please contact me at 204-795-8530 or by email at ccarroll@winnipeg.ca.

Sincerely,



Chris Carroll
Manager of Wastewater Services Division

Attachment

KB/xx

- c: Shannon Kohler, Environment, Climate and Parks (email)
Yvonne Hawryliuk, MSc, Environment, Climate and Parks (email)
T. W. Shanks, M. Eng., P. Eng., Water and Waste Department (email)
C. D. Wiebe, P. Eng., CAMP, Water and Waste Department (email)
R. Grosselle, Water and Waste Department (email)
M. Paetkau, P. Eng., Water and Waste Department (email)
D. Keam, M.Sc., P.Ag. WSP Canada (email)



Appendix A



City of Winnipeg Biosolids Management Program

January - December 2022														
	Wet Cake (Tonnes)	% Total Solids	Dry Cake (Tonnes)	Loads to Landfill	Loads for Soil Fab	Loads to Land App	Loads to Brady Soil Fab	Loads to Compost	Loads Total	Wet Cake Landfill	Wet Cake Soil Fab	Wet Cake Land App	Wet Cake Brady Soil Fab	Wet Cake Compost
TOTAL	54307	27.29	14775	0	1210	667	399	0	2276	0	28991	15767	9549	0
January - December 2021														
	Wet Cake (Tonnes)	% Total Solids	Dry Cake (Tonnes)	Loads to Landfill	Loads for Soil Fab	Loads to Land App	Loads to Brady Soil Fab	Loads to Compost	Loads Total	Wet Cake Landfill	Wet Cake Soil Fab	Wet Cake Land App	Wet Cake Brady Soil Fab	Wet Cake Compost
TOTAL	52608	23.64	12412	0	1084	711	368	49	2212	0	25702	16932	8802	1173
January - December 2020														
	Wet Cake (Tonnes)	% Total Solids	Dry Cake (Tonnes)	Loads to Landfill	Loads for Soil Fab	Loads to Land App	Loads to Brady Soil Fab	Loads to Compost	Loads Total	Wet Cake Landfill	Wet Cake Soil Fab	Wet Cake Land App	Wet Cake Brady Soil Fab	Wet Cake Compost
TOTAL	54979	24.86	13668	670	1082	476	59	2287	16725	25860	11175	1219	8802	1173