

AMENDMENT TO RENEWABLE ENERGY APPROVAL  
NUMBER 4501-9VJK3N  
Issue Date: December 7, 2022

ZooShare Biogas Development Inc., as general partner for and on behalf of  
ZooShare BioGas LP  
150 John Street  
7th Floor  
Toronto, Ontario  
M5V 3E3

**Site Location:** Part 1,2 Reference Plan 66R-26013  
Lot 2, 3, 4, 5, Concession 3  
Toronto, Ontario  
M5T 2C7

*You are hereby notified that I have amended Approval No. 4501-9VJK3N issued on August 27, 2015 for a Class 3 anaerobic digestion facility, , as follows:*

**A. The Company address has been changed as follows:**

**FROM:** ZooShare Biogas Development Inc., as general partner for and on behalf of  
ZooShare  
BioGas LP  
42 Heintzman Street  
Toronto, Ontario  
M6P 2J6

**TO:** ZooShare Biogas Development Inc., as general partner for and on behalf of  
ZooShare  
BioGas LP  
150 John Street  
7th Floor  
Toronto, Ontario  
M5V 3E3

**B. The definitions of "Acoustic Assessment Report", "Application" and "Noise Control Measures"**

**in the Approval are deleted and replaced with the following:**

1. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility. "Acoustic Assessment Report" also means the Acoustic Assessment Report prepared by GHD, dated December 7, 2021 and signed by Michael Masschaele;

8. "Application" means the application for a Renewable Energy Approval dated February 6, 2014, and signed by Clare Riepma, Chief Engineer, ZooShare Biogas Co-operative Inc., and all supporting documentation submitted with the Application, including amended documentation submitted up to August 27, 2015; and as further amended by the application for an amendment to a Renewable Energy Approval dated August 7, 2018, and signed by Daniel Bida, Executive Director, ZooShare Biogas Co-operative Inc., and all supporting documentation submitted with the Application, including amended documentation submitted up to August 22, 2018; and as further amended by the application for an amendment to a Renewable Energy Approval dated September 7, 2018, and signed by Daniel Bida, Executive Director, ZooShare Biogas Co-operative Inc., and all supporting documentation submitted with the Application, including amended documentation submitted up to May 16, 2019; and as further amended by the application for an amendment to a Renewable Energy Approval dated August 8, 2019, and signed by Daniel Bida, Executive Director, ZooShare Biogas Development Inc., as general partner for and on behalf of ZooShare BioGas LP, and all supporting documentation submitted with the Application, including amended documentation submitted up to September 25, 2019; and as further amended by the application for an amendment to a Renewable Energy Approval dated January 11, 2022, and signed by Daniel Bida, ZooShare Biogas LP, and all supporting documentation submitted with the Application, including amended documentation submitted up to October 13, 2022; and

34. "Noise Control Measures" means measures to reduce the noise emission from the Facility including, but not limited to silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers.

**C. Condition A1 in the Approval is deleted and replaced with the following:**

A1. The Company shall construct, install, use, operate, maintain and retire the Facility in accordance with the terms and conditions of this Approval and the Application, and in accordance with the following schedules attached hereto:

Schedule A - Facility Description.

**D. Condition H7 in the Approval is deleted and replaced with the following:**

H7. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-300.

**E. Condition H8 in the Approval is deleted and replaced with the following:**

***Acoustic Audit***

H8. The Company shall carry out Acoustic Audit measurements on the actual noise emissions due to the operation of the Facility. The Company:

(1) shall carry out Acoustic Audit measurements in accordance with the procedures in Publication NPC-103; and

(2) shall submit an Acoustic Audit Report on the results of the Acoustic Audit, prepared by an Independent Acoustical Consultant, in accordance with the requirements of Publication NPC-233, to the District Manager and the Director not later than twelve (12) months after the date of this Approval in order to facilitate carrying out the Acoustic

Audit measurements during the hot summer season, or such other date as agreed to in writing by the District Manager.

**F. Condition I6 is deleted from the Approval.**

**G. Condition I10 in the Approval is deleted and replaced with the following:**

I10. The operation of this Facility is limited to receipt and processing of the following types of liquid and solid Biomass:

**Tier 1 Biomass:**

- Liquid/solid manure from Toronto Zoo and other sources as described in the Application;
- Liquid organic wastes, such as dairies, fruit and vegetable wastes, and meat products, from grocery stores and other sources as described in the Application.

**Tier 2 Biomass:**

- FOG and liquid, pre-processed SSO from industrial, commercial, and institutional sources.

**H. Conditions I29, I30, I31 and I32 in the Approval are deleted and replaced with the following:**

*Biomass Quality Criteria / Testing / Monitoring*

I29. Quality control monitoring of incoming Biomass at the Facility:

(1) The Company is prohibited from receiving hazardous waste as defined in Reg. 347, SSO that has not been pre-processed, and SRM.

(2) The Company shall ensure that the incoming Organic Waste from each source complies with the metal content limits for the Off-Farm Anaerobic Digestion Materials set out in O. Reg. 267/03.

(3) The incoming Biomass, other than the waste exempted in Reg. 347, shall not be accepted at the Facility if the analytical requirements listed in Conditions I29 to I35 have not been fulfilled, as applicable, or if the analysis of the Biomass as described in Conditions I30 and I31 determines that the metal content in the Biomass exceeds the metal content limits for the Off-Farm Anaerobic Digestion Materials set out in O. Reg. 267/03.

I30. (1) The Company shall ensure that prior to its first acceptance of a given new incoming Biomass at the Facility, the incoming Biomass is characterized during the 14-day period preceding its first-time receipt at the site.

(2) Once the initial Biomass characterization shows compliance with the quality criteria required under this Approval, the Biomass source may be considered a pre-approved source.

(3) Following the initial characterization of the incoming Biomass, the Company shall ensure that subsequent sampling and analysis is conducted for every 1,000 m<sup>3</sup> of the given Biomass or once a year, whichever comes first, provided the said Biomass is of the same type and is from the same source. If, after the first twelve (12) months of

sampling and analysis, the results are inconsistent and continuously below the prescribed limits, sampling and analysis shall be conducted for the given Biomass once a year or following any process changes, operational issues or other factors that may affect the quality of the said Biomass from the pre-approved source.

I31. (1) If the Company relies on the published data for the well-studied/characterized incoming Biomass, the latest published information shall be used to confirm that the characteristics of the incoming Biomass to be received at the Facility are in compliance with the incoming Biomass quality criteria required under Condition I29.

(2) If the published data is not available or used to confirm compliance of the incoming Biomass with the quality criteria from this Approval, the Company shall ensure that at least three (3) representative grab samples of the incoming Biomass are obtained from the generator of the proposed incoming Biomass stream and characterized, each time the characterization is required.

I32. The Company shall ensure that:

(1) each sample of the incoming Biomass obtained under Conditions I30, I31 and I35 has been analysed for metals identified as the requirements for Off-Farm Anaerobic Digestion Materials set out in O. Reg. 267/03; and

(2) sampling and analysis of Biomass for metals is conducted in accordance with the methods specified in the Sampling and Analysis Protocol for O. Reg. 267/03.

**I. Condition I35 in the Approval is deleted and replaced with the following:**

I35. In order to resume accepting a given Biomass following previous rejection under Condition I29, the Company shall ensure that the analytical requirements listed in Conditions I32 to I36 have been fulfilled, and that at least two (2) representative sampling events of the said Biomass generate analytical results which, separately and consecutively, do not exceed the metal content limits set out in Condition I29.

**J. Schedule B is deleted from the Approval.**

**All other Terms and Conditions of the Approval remain the same.**

The reason(s) for this amendment to the Approval is as follows:

(36) Conditions I29, I30, I31, I32 and I35 are included to require all Biomass received at this Facility and shipped from the Facility to be characterized so that only Biomass approved by this Approval is handled at the Facility and that all waste transferred off-site is handled in accordance with the Ministry's requirements.

**This Notice shall constitute part of the approval issued under Approval No. 4501-9VJK3N dated August 27, 2015**

In accordance with Section 139 of the *Environmental Protection Act*, within 15 days after the service of this notice, you may by further written notice served upon the Director, the Ontario Land Tribunal and the Minister of the Environment, Conservation and Parks, require a hearing by the Tribunal.

In accordance with Section 47 of the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks will place notice of your request for a hearing on the Environmental Registry.

Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing shall state:

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

The signed and dated notice requiring the hearing should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The renewable energy approval number;
4. The date of the renewable energy approval;
5. The name of the Director;
6. The municipality or municipalities within which the project is to be engaged in;

This notice must be served upon:

**Registrar\***  
Ontario Land Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5  
OLT.Registrar@ontario.ca

and

**The Minister of the  
Environment, Conservation  
and Parks**  
777 Bay Street, 5th Floor  
Toronto, Ontario  
M7A 2J3

and

**The Director  
Section 47.5, *Environmental  
Protection Act*  
Ministry of the Environment,  
Conservation and Parks**  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](http://www.olt.gov.on.ca)**

Under Section 142.1 of the *Environmental Protection Act*, residents of Ontario may require a hearing by the Ontario Land Tribunal within 15 days after the day on which notice of this decision is published in the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when this period ends.

Approval for the above noted renewable energy project is issued to you under Section 47.5 of the *Environmental Protection Act* subject to the terms and conditions outlined above.

DATED AT TORONTO this 7th day of  
December, 2022



Mohsen Keyvani, P.Eng.  
Director  
Section 47.5, *Environmental  
Protection Act*

KD/

c: District Manager, MECP Toronto - District

Daniel Bida, ZooShare Biogas Development Inc., as general partner for and on behalf of  
ZooShare BioGas LP