

2017



2017

## Construction and Demolition Debris Facility License

License Expires December 31, 2017

**Facility:** Miamiview Land Development C&DD Landfill  
 CID: 130042  
 5931 St Rte 128  
 Cleves, OH 45002

**Applicant:** MIA-ECO, LLC  
 6949 Ripple Road  
 Cleves, OH 45002

This license has been issued in accordance with the requirements of state law, is subject to revocation or suspension for cause, and is not transferable without the consent of the Board of Health and the Director of the Ohio Environmental Protection Agency.

**Licensing Authority: Hamilton County Public Health**

### Conditions of Licensure

The Licensee hereunder, its agents, employees, and all others in active concert with said licensee, including the facility owner and operator, shall be subject to and shall comply with the following conditions of the this license:

1. All applicable requirements of Ohio Revised Code Chapters 3714., 3734., 6111., and 3704.
2. All applicable requirements of Ohio Administrative Code Chapters 3745-37, 3745-400, and Rule 3745-520-50.
3. Plans, other authorizing documents and administrative and judicial orders applicable to this facility and as approved by the Ohio Environmental Protection Agency and/or the licensing authority.
4. By applying for and accepting this license, the licensee specifically consents in advance and agrees to allow the Director, the Health District, or an authorized representative, to enter upon the licensee's premises at any reasonable time during the construction and/or operation of the facility for the purpose of inspecting, conducting tests, collecting samples, or examining records or reports pertaining to construction, modification, installation, or operation of the facility. The licensee hereby acknowledges and agrees that any and all rights of access granted herein shall not be deemed to be unreasonable or unlawful under Ohio Revised Code Sec. 3714.08.

The licensee, its agents, employees, and all others in active concert with said licensee shall maintain and operate the construction and demolition debris facility to which the license pertains in a sanitary manner so as not to create a nuisance, create a fire hazard, cause or contribute to water pollution, or create a health hazard. This license shall not be construed to constitute a defense to any civil or criminal action brought by the State of Ohio or any duly authorized representative thereof to enforce the provisions of Chapters 3714, 3734, 3767, 6111, or 3704 of the Ohio Revised Code, or the rules adopted thereunder.

Issuance of this license does not relieve the licensee of the duty to comply with all applicable federal, state, and local laws, regulations and ordinances.

If Checked, Additional Conditions Apply to This License (See Back, or Attachment)

A handwritten signature in black ink that reads "Timothy J. Ingram". The signature is written in a cursive style and is positioned above a horizontal line.

Health Commissioner

December 29, 2016

Date Issued

## Hamilton County General Health District



PREVENT. PROMOTE. PROTECT.

*Timothy I. Ingram*  
Health Commissioner

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Cincinnati, OH 45219

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### **Miamiview Land Development C&DD Landfill (CID:130042) Construction and Demolition Debris Facility 5931 State Route 128, Cleves, OH 45002**

## **2017 Special Terms and Conditions**

### **License Summary**

This summary is an attachment to the issuance of the 2017 License for Miamiview Land Development C&DD Landfill (Facility). The Facility is owned and operated by MIA-ECO, LLC. The Facility received its 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, and 2016 licenses. The Facility is defined as 39 acres in Whitewater Township, Hamilton County.

### **Inspections**

The Facility has been inspected by Hamilton County General Health District (Health District) 4 times during the fourth quarter of 2015 and the first three quarters of 2016 (October 1, 2015 through September 30, 2016). The inspections were conducted on the following dates:

<b>4<sup>TH</sup> QUARTER 2015</b>		<b>1<sup>ST</sup> QUARTER 2016</b>	
<b>12/30/15</b>		<b>3/11/16</b>	
<b>2<sup>ND</sup> QUARTER 2016</b>		<b>3<sup>RD</sup> QUARTER 2016</b>	
<b>5/18/16</b>		<b>9/21/16</b>	

### **Groundwater**

There were no groundwater samples taken from the Facility since it is not in operation yet.

This summary is provided solely for informational purposes and does not constitute a part of, or otherwise affect, the attached license.

## Special License Terms and Conditions

- 1) With regard to East and West Reinforced Embankments: No later than 60 days prior to construction of the East and West Reinforced Embankments as designed in the license application, the Facility shall select the geosynthetics to be used and shall perform conformance testing of the geo-synthetic-soil interfaces.
  - A. In accordance with OAC Rule 3745-400, the Facility shall compare the internal friction angles specified in the license application.
  - B. The Facility shall recalculate the slope stability analysis in the license application using the internal friction angles derived from the tests. If the interface shear strength values from the tests yield factors of safety less than those calculated in the slope stability analysis, the Facility must take the following actions:
    - A. Redesign the applicable embankments, and/or
    - B. Select different geosynthetics, and
    - C. Perform new conformance tests using the design change selected in the above conditions (1) & (2), until the required factors of safety are met.
  - C. During each phase of construction, the Facility shall conduct the tests and slope stability analysis required by this condition unless the Facility demonstrates that the geosynthetics selected in the current phase are the same as tested and used in the previous phase.
- 2) The Ohio EPA requires that the use of a glass cullet as a drainage layer in landfill construction be applied through their Beneficial Reuse Program.
  - A. The use of a glass cullet must meet specific conditions as described in the Ohio EPA Division of Solid Waste Infectious Waste Management (DSIWM) Guidance Document #0168 regarding the subject titled "Alternative Drainage Layers - Pulverized Glass", dated January 5, 1995. These conditions include:
    - A. Providing characteristics of the cullet (i.e. grain size limits),
    - B. Providing the weight/thickness of the layer (if necessary), &
    - C. Describing the equipment used for material placement.
    - D. A glass cullet used as a drainage layer also requires the owner/operator to show:
      - I. The leachate level will not exceed one foot.
      - II. The minimum permeability is greater than  $1 \times 10^{-3}$  cm/sec.
      - III. The amount of fines is negligible.

IV. There is no carbonate material.

- 3) The Facility must maintain the road to the facility between State Route 128 and the facility boundary. This includes all weather access as well as litter, mud, and dust controls.
- 4) The Health District is to be notified in writing before the Facility intends to accept any fly ash, bottom ash, or spent foundry sand. The notification shall include the origin of the material and toxic characteristic leaching procedure results when appropriate. The Health District will notify the Facility of the Health District's approval in writing.
- 5) The Health District shall inspect the facility before any waste placement after construction of the first phase and all future phases of the C&DD facility is completed.
- 6) "The facility boundary line of all land owned or leased for the facility as certified by a Professional Surveyor" as required by OAC 3745-400-07 (F)(2)(a)(i) has been provided as part of the application. The Health District will be notified immediately in writing when the facility boundary line changes as attached in Drawing 2A, in the year 2002 application, certified 08/14/02 and has been officially recorded in the Hamilton County Recorder's Office.
- 7) Continue to keep the Health District updated on the site's activities.
- 8) The Health District is to be notified in writing 180 days before the facility intends to accept waste. A comprehensive review of the facility's plans will be conducted by the Health District prior to the facility accepting waste. Deficiencies noted in the review will be conveyed to the operator with the necessary changes.

**End of Special Terms and Conditions**