



October 17, 2023

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, IN 46204-2251

**RE: Crossroads Eco Center (formerly CGS Services, Inc.) Landfill
Part 70 Operating Permit Renewal T145-45405-00049 (issued 2/10/2023)
3rd Quarter 2023 Deviation and Compliance Monitoring Report**

Dear Sir or Madam:

In accordance with the above referenced permit, this letter is being submitted as the required quarterly deviation and compliance monitoring report for Crossroads Eco Center (formerly CGS Services, Inc. Landfill) for the period of July 1, 2023 through September 30, 2023. The report certification and quarterly reporting forms are attached.

Parametric Monitoring - Permit Condition D.1.5

Condition D.1.5 requires that the facility shall install, calibrate, maintain, and operate according to manufacturer's specifications a heat sensing device, such as an ultraviolet beam sensor or thermocouple, at the pilot light or the flame itself to indicate the continuous presence of a flame. The Permittee shall continuously monitor and record the presence of a flame for each landfill gas flare no less than once every fifteen (15) minutes. If a condition exists which should result in a response step, the Permittee shall take a reasonable response step(s).

The facility monitors flame presence and continuously records flow to the flare as required. The flare temperature and flow are recorded by a digital data logger. The flowmeter records the flow to the flares and the facility monitors flame presence of the open flare by using a thermocouple. Thermocouple temperatures are recorded by an electronic recorder to verify presence of a flame. Flare flow and flame presence will not be recorded in those times in which the flare is shut down or is not operational. There were no instances of missing data during the reporting period when the flare was operational.

NMOC Emissions Testing – Permit Condition E.2.2(4)

NMOC testing was conducted on June 29, 2023. The facility's NMOC emissions were less than the 34 Mg/year threshold of the newly enacted Federal Plan – 40 CFR 62 Subpart 000. The facility utilized the NMOC value obtained in the 2023 Tier 2 test when calculating the NMOC emissions rate for the report required under the Federal Plan. The report was submitted to USEPA on September and IDEM on August 14, 2023. The NMOC emission rate

will be recalculated each year utilizing actual waste intake rate and the next annual NMOC emission rate report shall be submitted on or before August 15, 2024.

If you have any questions regarding this submittal, please contact David Klene at dklene1@wm.com or (317) 695-2542 or CR Nanavati of EIL at (630) 254-9392 or cnavati@eilllc.com.

Sincerely,
Crossroads Eco Center



David A. Klene
Site Engineer

cc: Crossroads Eco Center (formerly CGS Services, Inc.) - Landfill Site Files

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Crossroads Eco Center
Source Address: 2920 East US 52, Morristown, Indiana 46161
Part 70 Permit No.: T145-45405-00049

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify) _____
- Report (specify) 3rd Quarter 2023 Deviation and Compliance Monitoring Report
- Notification (specify) _____
- Affidavit (specify) _____
- Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature: 

Printed Name: David A. Klene

Title/Position: Site Engineer

Phone: (765)-763-1238

Date: 10-18-23

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE AND ENFORCEMENT BRANCH
 PART 70 OPERATING PERMIT
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Crossroads Eco Center
 Source Address: 2920 East US 52, Morristown, Indiana 46161
 Part 70 Permit No.: T145-45405-00049

Months: July to September Year: 2023

<p>This report shall be submitted quarterly based on a calendar year. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of paragraph (a) of Section C- General Reporting. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<p><input checked="" type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.</p>	
<p><input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD</p>	
<p>Permit Requirement (specify permit condition #)</p>	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
<p>Permit Requirement (specify permit condition #)</p>	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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Date of Deviation:	Duration of Deviation:
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Response Steps Taken:	
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Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed by: Chirag (CR) Nanavati

Title / Position: Project Engineer, EIL

Date: 10/17/2023

Phone: (630) 254 9392