



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Tom Wehrenberg
Environmental Compliance Specialist
Covanta Indianapolis, Inc.
2320 South Harding Street
Indianapolis, IN 46221

October 26, 2010

Re: Experimental Operation
EO No.097-29793-00123

Dear Mr./Ms:

On October 19, 2010, Covanta Indianapolis, Inc., Indianapolis, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of the intention to conduct an experimental operation of a Liquid Direct Injection system. The trials consist of installing nozzles so that materials would be injected directly into the combustion chamber instead of into the solid waste stream.

Experimental Operation General Information

Unit:	EU3
Location of the Operation:	2320 South Harding Street Indianapolis, IN 46221
County:	Marion
County Status:	Nonattainment for PM 2.5 standard Attainment for all other criteria pollutants
Purpose of the Operation:	To ensure that a Liquid Direct Injection system is feasible for the source's current operations
Starting Date of the Operation:	Seven days from the notification date [326 IAC 2-1.1-3(h)(3)(F)]
Duration of the Operation:	30 days of actual operation
Testing parameters:	Operational Feasibility

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(h)(3), the above mentioned temporary operation and experimental trial shall satisfy the following requirements:

1. The potential emissions from the operation should be less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(h)(3)(A)]
2. The operation should not be a major source or modification as defined under 326 IAC 2-2, 326 IAC 2-3 or 326 IAC 2-7. [326 IAC 2-1.1-3(h)(3)(B)]
3. The purpose of the operation is to:
 - (a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention. [326 IAC 2-1.1-3(h)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the source. [326 IAC 2-1.1-3(h)(3)(C)(ii)]
4. The experimental trial should not be part of the existing normal operation or production of the source. [326 IAC 2-1.1-3(h)(3)(C)(ii)]

Indianapolis, Indiana

EO: 097-29793-00123

Permit Writer: Jillian Bertram

5. The duration of the experimental operation should not exceed 30 days of actual operation. [326 IAC 2-1.1-3(h)(3)(D)]
6. The source shall submit a report containing the following information, seven (7) days after the conclusion of the experimental operation: [326 IAC 2-1.1-3(h)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) The duration of the operation.
 - (c) The actual emissions occurring during the operation.
7. The report shall be submitted to:
Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Experimental Trial Expiration Date

This approval expires after 30 days of actual operating time of the experimental operation.

If you have any questions regarding this approval, please contact Jillian Bertram of my staff at 317-233-1782 or at 1-800-451-6027, ext 3-1782.

Sincerely,



Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

JLB

Enclosure: Experimental Trial Operation Report (1 page)

cc: File - Marion

Marion County Health Department
Compliance and Enforcement Branch

**Indiana Department of Environmental Management
Office of Air Quality
Permit Branch**

Experimental Trial Operation Report

Source Name:
Source Location:
County:
EO No.:
Approval Reviewer:

Milestone Schedule	
Type of unit/operation:	
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

cc: Compliance and Enforcement Branch

Mail Code 61-53

IDEM Staff	LPOGOST 10/26/2010 Covanta Indianapolis, Inc. 097 - 29793 - 00123 final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING	
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handling Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Thomas A. Wehrenberg Covanta Indianapolis, Inc. 2320 S Harding St Indianapolis IN 46221 (Source CAATS)									
2		Joseph Miller Facility Mgr Covanta Indianapolis, Inc. 2320 S Harding St Indianapolis IN 46221 (RO CAATS)									
3		Marion County Health Department 3838 N, Rural St Indianapolis IN 46205-2930 (Health Department)									
4		Ms. Patricia Miller State Senator 1041 S. Muesing Rd Indianapolis IN 46239-9186 (Legislator)									
5		Indianapolis City Council and Mayors Office 200 East Washington Street, Room E Indianapolis IN 46204 (Local Official)									
6		Lawrence City Council and Mayors Office 9001 East 59th Street #205 Lawrence IN 46216 (Local Official)									
7		Marion County Commissioners 200 E. Washington St. City County Bldg., Suite 801 Indianapolis IN 46204 (Local Official)									
8		Erin Surinak Environmental Resources Management (ERM) 11350 N Meridian Street Suite 220 Indianapolis IN 46032 (Consultant)									
9		Matt Mosier Office of Sustainability 2700 South Belmont Ave. Administration Bldg. Indianapolis IN 46221 (Local Official)									
10											
11											
12											
13											
14											
15											

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
---	--	--	--