



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

October 17, 2018

VIA E-MAIL

Mr. Patrick Kennedy
Tanners Creek Development, LLC.
1650 Besteres Rd., Suite 303
St Louis, MO 63131

Dear Mr. Kennedy:

Re: Inspection Summary Letter
Tanners Creek Development, LLC.
EPA ID # IND000815878
Solid Waste Program ID 15-12
Lawrenceburg, Dearborn County

On October 10, 2018, representatives of the Indiana Department of Environmental Management, Office of Land Quality, conducted an inspection of Tanners Creek Development, LLC restricted waste landfill located at 1000 W Eads Parkway Lawrenceburg, IN. This inspection was conducted pursuant to IC 13-14-2-2. For your information, and in accordance with IC 13-14-5, a summary of the inspection is provided below:

Type of Inspection: Restricted Waste Site landfill

Results of Inspection: ***No violations were observed.***

Please direct any response to this letter and any questions to me at (317) 753-9631, or via email at pguntle@idem.IN.gov.

Sincerely,

Phil Guntle, Environmental Manager
Industrial Waste Compliance Section
Compliance Branch
Office of Land Quality

Enclosure
cc: Dearborn County Health Department



**RESTRICTED WASTE SITE TYPE I OR II
INSPECTION REPORT**

State Form 53908 (1-09)
INDIANA STATE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Industrial Waste Compliance Section
Office of Land Quality
100 N. Senate Ave.
Mail Code 65-45
Indianapolis, IN 46204-2251

Facility Name Tanners Creek Development, LLC. Solid Waste Program ID 15-12		
EPA Identification Number IND000815878		
Location 1000 W Eads Parkway		
City Lawrenceburg	County Dearborn	ZIP Code 47025
Inspector Phil Guntle		Inspection Date (month, day, year) October 10, 2018
Other IDEM Representatives: Alan Minne, George Ritchotte, Chad Pittman		
Primary contact during inspection Russell Becker		

A. Pre-Inspection File Review		
On-Site Disposal Notification Date (month, day, year) NI		
Restricted Waste Site Facility Type/Issuance Date Type I (Permit issued July 25, 2013; expired July 1, 2018) <i>*Permit transferred from Indiana Michigan Power Company (dba American Electric Power - Tanners Creek Plant) to Tanners Creek Development, LLC on January 20, 2018.</i>		
Restricted Waste Site Permit Reviewed by Inspector: Date (month, day, year) October 10, 2018		
Wastestream(s) permitted for disposal generated by facility		
<u>Wastestream(s) Classified</u>	<u>Classification Number</u>	<u>Expiration Date(s)</u> (month, day, year)
Fly Ash	N/A – Going to Type I Landfill	NA
Bottom Ash	N/A – Going to Type I Landfill	NA
Flue Gas Desulfurization (FGD) Byproducts	N/A – Going to Type I Landfill	NA
Other wastestream(s) approved for disposal (such as those generated by other facilities): None		
Treated wastestream(s) {hazardous or non-hazardous}: None		
Previous Inspections September 6, 2018		
Unresolved violations/comments: None		

B. Restricted Waste Site Inspection Comments

Background Information:

The Tanners Creek Generating Station ceased operations on May 31, 2015, and was sold to Tanners Creek Development, LLC. The restricted waste site landfill permit was transferred from Indiana Michigan Power Company (dba American Electric Power - Tanners Creek Plant) to Tanners Creek Development, LLC on January 20, 2017. Tanners Creek Development, LLC received approval from IDEM on August 30, 2016 to extend the deadline for placing intermediate cover on the landfill until May 1, 2017.

On September 22, 2017, an application was received at IDEM to modify the existing permit to accept new waste streams from other facilities from out of state. The application is still under review. On March 5, 2018, IDEM received a permit renewal application from Tanners Creek Development, LLC. The permit renewal request is currently still under review.

Restricted Waste Inspection Findings:

On October 10, 2018 inspection, the restricted waste site landfill was again inspected. Mr. Russell Becker was present during the entirety of the inspections.

The inspection began with a view of the intermediate cover of the landfill. The cover appeared to be in good condition and did not show any signs of erosion. After reviewing the intermediate cover, the perimeter of the landfill was inspected. No issues were found with the leachate ponds, or the sides of the landfill. Currently, the landfill is completely covered in 1ft of clay liner for intermediate cover. The facility intends to leave this cover in place so that they may have a potential location to dispose of waste generated during ash pond closure activities. Mr. Becker indicated that the landfill would be closed shortly after the closure of the entire facility is complete. No specific issues were found at the time of the inspection.

C. Restricted Waste Site Inspection Summary

C.1	<p>Violations. The checklist below is not comprehensive, but includes the most common violations. Checked violations and additional violations are described in detail in Section C.2 and include location information, corrective measures, and compliance dates. Appropriate documentation, photographs and maps may also be attached. When appropriate, a representative portion of a facility or documents may be inspected. A description of those portions inspected is provided in Section B, Restricted Waste Site Inspection Comments.</p>		
<input type="checkbox"/> 1) Permit Compliance 329 IAC 10-13-4(c)	<input type="checkbox"/> 17) First Aid Kit 329 IAC 10-28-7(b)	<input type="checkbox"/> 33) Establish & Maintain Vegetation 329 IAC 10-28-14(b)	
<input type="checkbox"/> 2) Established Roadways 329 IAC 10-28-1(a)	<input type="checkbox"/> 18) Communications System 329 IAC 10-28-7(c)	<input type="checkbox"/> 34) Proper Grading 329 IAC 10-28-14(c)	
<input type="checkbox"/> 3) Restricted Access 329 IAC 10-28-1(b)	<input type="checkbox"/> 19) On-Site/Up to Date Plans 329 IAC 10-28-8(a)	<input type="checkbox"/> 35) Vegetation Clearing 329 IAC 10-28-14(d)	
<input type="checkbox"/> 4) Passable Roads 329 IAC 10-28-2(a)	<input type="checkbox"/> 20) Quarterly Plot Plans 329 IAC 10-28-8(b)	<input type="checkbox"/> 36) Surface Leachate Management 329 IAC 10-28-15(a)	
<input type="checkbox"/> 5) Tracking Mud 329 IAC 10-28-2(b)	<input type="checkbox"/> 21) Furnishing Records to IDEM 329 IAC 10-28-8(c)	<input type="checkbox"/> 37) Leachate 50ft Beyond SW Boundary 329 IAC 10-28-15(b)	
<input type="checkbox"/> 6) Monitoring Well Access 329 IAC 10-28-2(c)	<input type="checkbox"/> 22) Open Burning 329 IAC 10-28-9	<input type="checkbox"/> 38) Leachate Disposal 329 IAC 10-28-16	
<input type="checkbox"/> 7) Signs 329 IAC 10-28-3	<input type="checkbox"/> 23) Waste Deposited in Water 329 IAC 10-28-10(a)	<input type="checkbox"/> 39) Groundwater Monitoring Wells 329 IAC 10-28-17	
<input type="checkbox"/> 8) Livestock Present 329 IAC 10-28-4(a)	<input type="checkbox"/> 24) Cover Soil Type 329 IAC 10-28-11(a)	<input type="checkbox"/> 40) Explosive Gases 329 IAC 10-28-19	

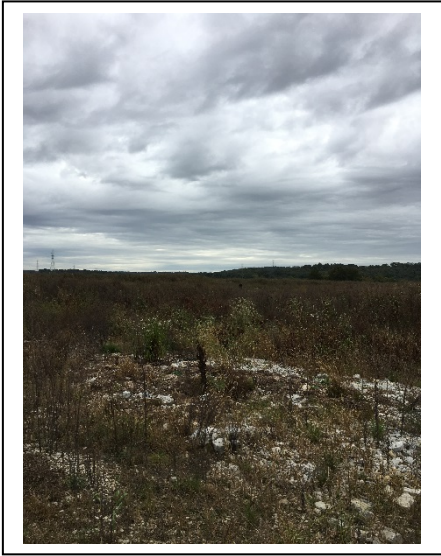
<input type="checkbox"/> 9) Vector, Dust, Odor 329 IAC 10-28-4(b)	<input type="checkbox"/> 25) Cover Maintenance/ Alt. Cover Approval 329 IAC 10-28-11(b)	<input type="checkbox"/> 41) Leachate Collection 329 IAC 10-28-20
<input type="checkbox"/> 10) Litter 329 IAC 10-28-4(c)	<input type="checkbox"/> 26) Working Face Size (RWS I Only) 329 IAC 10-28-12(a)(1)	<input type="checkbox"/> 42) Closure Performance Standards 329 IAC 10-30-1
<input type="checkbox"/> 11) Dead Animal Disposal 329 IAC 10-28-4(d)	<input type="checkbox"/> 27) Cover Application & Compaction (RWS I Only) 329 IAC 10-28-12(a)(2)	<input type="checkbox"/> 43) Final Cover (RWS I Only) 329 IAC 10-30-2(a)
<input type="checkbox"/> 12) Outside Containers 329 IAC 10-28-4(e)	<input type="checkbox"/> 28) Intermediate Cover (RWS I Only) 329 IAC 10-28-12(a)(3)	<input type="checkbox"/> 44) Top Soil (RWS I Only) 329 IAC 10-30-2(b)
<input type="checkbox"/> 13) Scavenging 329 IAC 10-28-5	<input type="checkbox"/> 29) Cover Application & Compaction (RWS II Only) 329 IAC 10-28-12(b)	<input type="checkbox"/> 45) Final Cover (RWS II Only) 329 IAC 10-30-3(a)
<input type="checkbox"/> 14) Salvage Operations 329 IAC 10-28-6(a)	<input type="checkbox"/> 30) Fugitive Dust 329 IAC 10-28-13(a)	<input type="checkbox"/> 46) Top Soil (RWS II Only) 329 IAC 10-30-3(b)
<input type="checkbox"/> 15) Salvage Storage 329 IAC 10-28-6(b)	<input type="checkbox"/> 31) Daily Cover/Control Plan 329 IAC 10-28-13(b)	<input type="checkbox"/> 47) Other
<input type="checkbox"/> 16) Safety Devices 329 IAC 10-28-7(a)	<input type="checkbox"/> 32) Cover Continuous Maintenance 329 IAC 10-28-14(a)	

C.2	Violation descriptions: Includes observed violations with corresponding regulatory citations and permit conditions (when applicable), corrective measures and compliance dates.
No violations were found with respect to the items observed at the Restricted Waste site inspection on October 10, 2018.	

ATTACHMENTS:
<input type="checkbox"/> FACILITY MAP WITH LOCATION OF REGULATED WASTE ACTIVITY AND AREAS OF ENVIRONMENTAL CONCERN
<input checked="" type="checkbox"/> PHOTO LOG
<input type="checkbox"/> ADDITIONAL DOCUMENTATION:

Photo Log

Photo 1



Facility Name: Tanners Creek Development, LLC.

Photographer: Phil Guntle

Date: October 10, 2018

Others Present: Alan Minne (IDEM), George Ritchotte (IDEM), Chad Pittman (IDEM), Russell Becker (Facility)

Location & Description: Example of intermediate cover.

Photo 2



Facility Name: Tanners Creek Development, LLC.

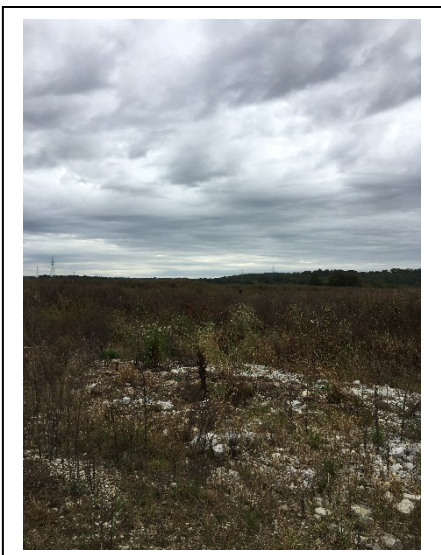
Photographer: Phil Guntle

Date: October 10, 2018

Others Present: Alan Minne (IDEM), George Ritchotte (IDEM), Chad Pittman (IDEM), Russell Becker (Facility)

Location & Description: Example of intermediate cover.

Photo 3



Facility Name: Tanners Creek Development, LLC.

Photographer: Phil Guntle

Date: October 10, 2018

Others Present: Alan Minne (IDEM), George Ritchotte (IDEM), Chad Pittman (IDEM), Russell Becker (Facility)

Location & Description: Example of intermediate cover.



NOTICE OF INSPECTION

State Form 50890 (R3 / 11-05)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 N. Senate Avenue
Indianapolis, IN 46204-2251

Telephone: (800) 451-6027 or (317) 232-8603

This is to notify you that on 10/10/18 an inspection of Tannock Creek Property was conducted by the undersigned representative of the Indiana Department of Environmental Management (IDEM), Office of Low Quality.

Type of Inspection (may include more than one):

- RCS
- _____
- Gibber 314
- Complaint
- Multi-Media Screening Evaluation
- Other Old factory site

Preliminary Inspection/Screening Findings:

These findings are considered preliminary and identify specific compliance issues discovered during the above-noted inspection that the designated agent of IDEM believes may be a violation of a statute(s), rule(s) or permit(s) issued by IDEM.

Single Media Inspection:

- No violations were discovered with respect to the particular items observed during the inspection.
- Violations were discovered but corrected during the inspection.
- Violations were discovered and require a submittal from you and/or follow-up inspection by IDEM.
- Violations were discovered and may subject you to an appropriate enforcement response.
- Additional information/review is required to evaluate overall compliance.
- Other / Comments (attachment may be included) _____

Multi-Media Screening (Please note that a multi-media screening is not a comprehensive evaluation of the compliance status of the facility):

- Multi-media screening not conducted.
- No violations were discovered with respect to the limited multi-media screening conducted by IDEM.
- Potential violations were discovered but corrected during the inspection.
- Potential violations were discovered and may be further investigated.

Pollution Prevention:

Pollution prevention is the preferred means of environmental protection in Indiana. The goal of pollution prevention is to promote changes in business and commercial operation, especially manufacturing processes, so that Indiana businesses increase productivity, generate less environmental wastes, reduce their regulatory responsibilities and become more profitable. Your participation in Indiana's pollution prevention program is entirely voluntary. If you have any pollution prevention questions, you may contact our Office of Pollution Prevention and Technical Assistance (OPPTA) at (317) 232-8172 or (800) 988-7901, or visit OPPTA's Web site at www.idem.IN.gov/oppta/p2/. Would your company like to be contacted by IDEM's Office of Pollution Prevention and Technical Assistance? Yes No

Compliance Assistance:

In addition to the compliance assistance offered by IDEM's individual programs, IDEM's Compliance and Technical Assistance Program (CTAP) offers free, confidential compliance assistance to regulated entities, including small businesses and municipalities, throughout Indiana. In the future, if you would like to request free, confidential compliance assistance, call (317) 232-8172 or (800) 988-7901, or visit CTAP's Web site at www.idem.IN.gov/ctap.

A summary of violations and concerns noted during the inspection was verbally communicated to the undersigned representative during the inspection. The facility should correct any violations noted as soon as possible. Violations identified and corrected during the inspection may still be cited as violations.

A written inspection summary will be provided within 45 days. In accordance with IC 13-14-5-4, matters not evident to IDEM at the time of the inspection might not be included in either the verbal or written inspection summary.

IDEM Representative:

Printed Name	Signature	Phone Number	Date	Time
Alan Miano	<i>Alan Miano</i>	317-691-6532	10/10/18	In: Out:

Owner/Agent Representative:

Printed Name	Signature	Title	Phone Number	Date
Russ Becker	<i>Russ Becker</i>	PRESIDENT	317-698-5611	10/10/18

Christie, Kae

From: Patrick Kennedy <pkennedy@enviroanalyticsgroup.com>
Sent: Wednesday, October 17, 2018 2:55 PM
To: Christie, Kae
Cc: HALE, JOHN; Amick, Mark; AL-SALEEM, ZAIDOOON; RITCHOTTE, GEORGE; Finkelstein, Rebecca; Dan Dunn
Subject: RE: Tanners Creek Development LLC

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Kae,

I have received the inspection report for Tanners Creek Development LLC.

Thanks,

Patrick Kennedy, PE



PLEASE NOTE THE CHANGE IN ADDRESS

1515 Des Peres Road, Suite 300
Saint Louis, Missouri 63131
(314) 479-8397 Cell
(314) 835-2822 Office
pkennedy@enviroanalyticsgroup.com
<http://www.enviroanalyticsgroup.com>

From: Christie, Kae <KChristie@idem.IN.gov>
Sent: Wednesday, October 17, 2018 1:14 PM
To: Patrick Kennedy <pkennedy@enviroanalyticsgroup.com>
Cc: HALE, JOHN <JHALE@idem.IN.gov>; Amick, Mark <MAMICK@idem.IN.gov>; AL-SALEEM, ZAIDOOON <ZALSALAE@idem.IN.gov>; RITCHOTTE, GEORGE <GRITCHOT@idem.IN.gov>; Finkelstein, Rebecca <RFinkels@idem.IN.gov>; Dan Dunn <ddunn@enviroanalyticsgroup.com>
Subject: Tanners Creek Development LLC

Dear Mr. Patrick Kennedy

Please find the attached documents based on an inspection the Indiana Department of Environmental Management, Office of Land Quality, conducted on October 10, 2018, **please confirm you received the documents via-email.**

Thank you

Kae Christie
Administrative Assistant
Department of Environmental Management
Office of Land Quality
IGCN, Rm 1101
317-234-6951
kchristie@idem.in.gov