



141-48044-00649

AI ID: 133844

July 2, 2024

Indiana Department of Environmental Management
Office of Air Quality
Permits Branch
Mail Code 61-53
100 North Senate Avenue
Indianapolis, Indiana 46204

Received
State of Indiana

JUL 05 2024

JS-1

Dept of Environmental Mgmt
Office of Air Quality

**Re: Air Permit Application – Administrative Separation
Prairie View RNG Plant
Bremen, Indiana**

To Whom it May Concern,

Kinder Morgan respectfully submits this air permit application to request that the Indiana Department of Environmental Management (IDEM) issue an administratively separate Title V permit for Prairie View RNG and Prairie View Recycling and Disposal.

Prairie View RNG is a renewable natural gas (RNG) production plant which is owned and operated by Kinder Morgan. The RNG plant is located adjacent to Prairie View Recycling and Disposal Facility. Both Prairie View RNG and Prairie View Recycling and Disposal are permitted as a single source under Title V permit authorization T141-38038-00051. The current Title V permit includes the operation of a municipal solid waste landfill and the renewable natural gas production plant located in Bremen, Indiana.

Kinder Morgan is requesting that the recycling and disposal facility and the RNG plant be issued administratively separate Title V permits to allow both entities to document compliance with their respective permit requirements.

Prairie View RNG consists of the following emission units as written in Section A.3(e) of the Title V permit:

(e) One (1) RNG plant to convert landfill gas into pipeline natural gas, approved in 2022 for construction, with a maximum throughput of 3,000 scfm of landfill gas, consisting of the following:

(1) One (1) Pretreatment Thermal Oxidizer, identified as TOX1, used to combust tail gas from the RNG process, using natural gas as auxiliary fuel, with maximum heat input capacity 1.8 MMBtu/hr.

(2) One (1) Recuperative thermal oxidizer, identified as TOX2, used to combust tail gas from the RNG process, using natural gas as auxiliary fuel, with maximum heat input capacity 2.3 MMBtu/hr.

(3) One (1) Flare, identified as FL-2, used to burn off-specification gas, with maximum heat input capacity 68.0 MMBtu/hr.

(4) One (1) natural gas Amine Heater/Reboiler, used to regenerate amine for the process,

with maximum heat input capacity 1.3 MMBtu/hr.

The facility is considered an affected unit under the provisions of 40 CFR 63, Subpart DDDDD

(5) One (1) 8,870 gallon slop tank, constructed in 2023, identified as SLOPTNK, associated with RNG plant and used for condensate management.

After the processing of this application, Prairie View RNG will remain a Title V source. Kinder Morgan requests that IDEM issue a Title V administrative amendment as described in this permit application. If you have any questions or comments, or require additional information, please contact me at Wyatt_Ellis@kindermorgan.com or 720-837-5845.

Sincerely,



Wyatt Ellis
Engineer - EHS

cc: St. Joseph County Public Library, 304 S. Main St., South Bend, IN 46601

Enclosed:
Air Permit Application Cover Sheet
Form GSD-01



AIR PERMIT APPLICATION COVER SHEET
 State Form 50639 (R4 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.in.gov/idem

- NOTES:**
- The purpose of this cover sheet is to obtain the core information needed to process the air permit application. This cover sheet is required for all air permit applications submitted to IDEM, OAQ. Place this cover sheet on top of all subsequent forms and attachments that encompass your air permit application packet.
 - Submit the completed air permit application packet, including all forms and attachments, to IDEM Air Permits Administration using the address in the upper right hand corner of this page.
 - IDEM will send a bill to collect the filing fee and any other applicable fees.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.

FOR OFFICE USE ONLY	
PERMIT NUMBER:	141-48044-00649
DATE APPLICATION WAS RECEIVED:	Received State of Indiana JUL 05 2024 Dept of Environmental Mgmt Office of Air Quality

1. Tax ID Number: _____

PART A: Purpose of Application

Part A identifies the purpose of this air permit application. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

2. Source / Company Name:	Prairie View RNG Plant	3. Plant ID:	██████████
4. Billing Address:	15251 Shively Road		
City:	Bremen	State:	IN
		ZIP Code:	46508 – 2379
5. Permit Level:	<input type="checkbox"/> Exemption <input type="checkbox"/> Registration <input type="checkbox"/> SSOA <input type="checkbox"/> MSOP <input type="checkbox"/> FESOP <input checked="" type="checkbox"/> TVOP <input type="checkbox"/> PBR		
6. Application Summary:	Check all that apply. Multiple permit numbers may be assigned as needed based on the choices selected below.		
	<input type="checkbox"/> Initial Permit <input type="checkbox"/> Renewal of Operating Permit <input type="checkbox"/> Asphalt General Permit		
	<input type="checkbox"/> Review Request <input type="checkbox"/> Revocation of Operating Permit <input type="checkbox"/> Alternate Emission Factor Request		
	<input type="checkbox"/> Interim Approval <input type="checkbox"/> Relocation of Portable Source <input type="checkbox"/> Acid Deposition (Phase II)		
	<input type="checkbox"/> Site Closure <input type="checkbox"/> Emission Reduction Credit Registry		
	<input type="checkbox"/> Transition (between permit levels) From: _____ To: _____		
	<input checked="" type="checkbox"/> Administrative Amendment: <input type="checkbox"/> Company Name Change <input type="checkbox"/> Change of Responsible Official		
	<input type="checkbox"/> Correction to Non-Technical Information <input type="checkbox"/> Notice Only Change		
	<input checked="" type="checkbox"/> Other (specify): Administrative separation of permits		
	<input type="checkbox"/> Modification: <input type="checkbox"/> New Emission Unit or Control Device <input type="checkbox"/> Modified Emission Unit or Control Device		
	<input type="checkbox"/> New Applicable Permit Requirement <input type="checkbox"/> Change to Applicability of a Permit Requirement		
	<input type="checkbox"/> Prevention of Significant Deterioration <input type="checkbox"/> Emission Offset <input type="checkbox"/> MACT Preconstruction Review		
	<input type="checkbox"/> Minor Source Modification <input type="checkbox"/> Significant Source Modification		
	<input type="checkbox"/> Minor Permit Modification <input type="checkbox"/> Significant Permit Modification		
	<input type="checkbox"/> Other (specify): _____		
7. Is this an application for an initial construction and/or operating permit for a "Greenfield" Source?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
8. Is this an application for construction of a new emissions unit at an Existing Source?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

PART B: Pre-Application Meeting

Part B specifies whether a meeting was held or is being requested to discuss the permit application.

9. Was a meeting held between the company and IDEM prior to submitting this application to discuss the details of the project?

No Yes: Date:

10. Would you like to schedule a meeting with IDEM management and your permit writer to discuss the details of this project?

No Yes: Proposed Date for Meeting:

PART C: Confidential Business Information

Part C identifies permit applications that require special care to ensure that confidential business information is kept separate from the public file.

Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in the Indiana Administrative Code (IAC). To ensure that your information remains confidential, refer to the IDEM, OAQ information regarding submittal of confidential business information. For more information on confidentiality for certain types of business information, please review IDEM's Nonrule Policy Document Air-031-NPD regarding Emission Data.

11. Is any of the information contained within this application being claimed as **Confidential Business Information**?

No Yes

PART D: Certification Of Truth, Accuracy, and Completeness

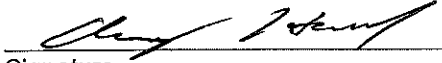
Part D is the official certification that the information contained within the air permit application packet is truthful, accurate, and complete. Any air permit application packet that we receive without a signed certification will be deemed incomplete and may result in denial of the permit.

For a Part 70 Operating Permit (TVOP) or a Source Specific Operating Agreement (SSOA), a "responsible official" as defined in 326 IAC 2-7-1(34) must certify the air permit application. For all other applicants, this person is an "authorized Individual" as defined in 326 IAC 2-1.1-1(1).

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.

Anthony Hopwood
Name (typed)

Director of Operations
Title


Signature

7.3.2024
Date



OAQ GENERAL SOURCE DATA APPLICATION
GSD-01: Basic Source Level Information
 State Form 50640 (R5 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 State of Indiana

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
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NOTES:

- The purpose of GSD-01 is to provide essential information about the entire source of air pollutant emissions. GSD-01 is a required form.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

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PART A: Source / Company Location Information

1. Source / Company Name: Prairie View RNG Plant		2. Plant ID:	
3. Location Address: 15251 Shively Road			
City: Bremen	State: IN	ZIP Code: 46508 – 2379	
4. County Name: St. Joseph		5. Township Name: Madison	
6. Geographic Coordinates:			
Latitude: 41.493700		Longitude: -86.160810	
7. Universal Transferred Mercator Coordinates (if known):			
Zone:	Horizontal:	Vertical:	
8. Adjacent States: Is the source located within 50 miles of an adjacent state? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – Indicate Adjacent State(s): <input type="checkbox"/> Illinois (IL) <input checked="" type="checkbox"/> Michigan (MI) <input type="checkbox"/> Ohio (OH) <input type="checkbox"/> Kentucky (KY)			
9. Attainment Area Designation: Is the source located within a non-attainment area for any of the criteria air pollutants? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – Indicate Nonattainment Pollutant(s): <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> NO _x <input type="checkbox"/> O ₃ <input type="checkbox"/> PM <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> PM _{2.5} <input type="checkbox"/> SO ₂			
10. Portable / Stationary: Is this a portable or stationary source? <input type="checkbox"/> Portable <input checked="" type="checkbox"/> Stationary			

PART B: Source Summary

11. Company Internet Address (optional):
12. Company Name History: Has this source operated under any other name(s)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – Provide information regarding past company names in Part I, Company Name History.
13. Portable Source Location History: Will the location of the portable source be changing in the near future? <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> No <input type="checkbox"/> Yes – Complete Part J, Portable Source Location History, and Part K, Request to Change Location of Portable Source.
14. Existing Approvals: Have any exemptions, registrations, or permits been issued to this source? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – List these permits and their corresponding emissions units in Part M, Existing Approvals.
15. Unpermitted Emissions Units: Does this source have any unpermitted emissions units? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – List all unpermitted emissions units in Part N, Unpermitted Emissions Units.
16. New Source Review: Is this source proposing to construct or modify any emissions units? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – List all proposed new construction in Part O, New or Modified Emissions Units.
17. Risk Management Plan: Has this source submitted a Risk Management Plan? <input checked="" type="checkbox"/> Not Required <input type="checkbox"/> No <input type="checkbox"/> Yes → Date submitted: _____ EPA Facility Identifier: _____

PART C: Source Contact Information

IDEM will send the original, signed permit decision to the person identified in this section. This person MUST be an employee of the permitted source.

18. Name of Source Contact Person: Wyatt Ellis		
19. Title (optional): Engineer - EHS		
20. Mailing Address: 1667 Cole Boulevard, Suite 300		
City: Lakewood	State: CO	ZIP Code: 80401 -
21. Electronic Mail Address (optional): Wyatt_Ellis@kindermorgan.com		
22. Telephone Number: (720) 837 - 5845	23. Facsimile Number (optional): () -	

PART D: Authorized Individual/Responsible Official Information

IDEM will send a copy of the permit decision to the person indicated in this section, if the Authorized Individual or Responsible Official is different from the Source Contact specified in Part C.

24. Name of Authorized Individual or Responsible Official: Anthony Hopwood		
25. Title: Director of Operations		
26. Mailing Address: 501 Pennsylvania Parkway, Suite 250		
City: Indianapolis	State: IN	ZIP Code: 46280 -
27. Telephone Number: (317) 554 - 9781	28. Facsimile Number (optional): () -	
29. Request to Change the Authorized Individual or Responsible Official: Is the source officially requesting to change the person designated as the Authorized Individual or Responsible Official in the official documents issued by IDEM, OAQ? The permit may list the title of the Authorized Individual or Responsible Official in lieu of a specific name.		
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes - Change Responsible Official to:		

PART E: Owner Information

30. Company Name of Owner: Kinder Morgan		
31. Name of Owner Contact Person: Wyatt Ellis		
32. Mailing Address: 1667 Cole Boulevard, Suite 300		
City: Lakewood	State: CO	ZIP Code: 80401 -
33. Telephone Number: (720) 837 -	34. Facsimile Number (optional): () -	
34. Operator: Does the "Owner" company also operate the source to which this application applies?		
<input type="checkbox"/> No - Proceed to Part F below. <input checked="" type="checkbox"/> Yes - Enter "SAME AS OWNER" on line 35 and proceed to Part G below.		

PART F: Operator Information

35. Company Name of Operator: Same as Owner		
36. Name of Operator Contact Person:		
37. Mailing Address:		
City:	State:	ZIP Code: -
38. Telephone Number: () -	39. Facsimile Number (optional): () -	

PART G: Agent Information

40. **Company Name of Agent:** None

41. **Type of Agent:** Environmental Consultant Attorney Other (specify):

42. **Name of Agent Contact Person:**

43. **Mailing Address:**

City:	State:	ZIP Code: -
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44. **Electronic Mail Address (optional):**

45. **Telephone Number:** () -

46. **Facsimile Number (optional):** () -

47. **Request for Follow-up:** Does the "Agent" wish to receive a copy of the preliminary findings during the public notice period (if applicable) and a copy of the final determination? No Yes

PART H: Local Library Information

48. **Date application packet was filed with the local library:** Submitted concurrently with IDEM application

49. **Name of Library:** St. Joseph County Public Library

50. **Name of Librarian (optional):**

51. **Mailing Address:** 304 S. Main St.

City: South Bend	State: IN	ZIP Code: 46601 -
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52. **Internet Address (optional):**

53. **Electronic Mail Address (optional):**

54. **Telephone Number:** (574) 282 - 4646

55. **Facsimile Number (optional):** () -

PART I: Company Name History (if applicable)

Complete this section only if the source has previously operated under a legal name that is different from the name listed above in Section A.

56. Legal Name of Company	57. Dates of Use
	to
	to
	to
	to
	to
	to
	to
	to
	to
	to
	to

58. **Company Name Change Request:** Is the source officially requesting to change the legal name that will be printed on all official documents issued by IDEM, OAQ?

No Yes - *Change Company Name to:*

PART L: Source Process Description

Complete this section to summarize the main processes at the source.

64. Process Description	65. Products	66. SIC Code	67. NAICS Code
RNG Plant w/ Oxidizers, Heater, Flare, Tank	N/A - LFG Control Device	4953	562212

PART M: Existing Approvals (if applicable)

Complete this section to summarize the approvals issued to the source since issuance of the main operating permit.

68. Permit ID	69. Emissions Unit IDs	70. Expiration Date
46346	TOX1, TOX2, FL-2, Amine Heater/Reboiler, SLOPTNK	5/11/2028

PART N: Unpermitted Emissions Units (if applicable)

Complete this section only if the source has emission units that are not listed in any permit issued by IDEM, OAQ.

71. Emissions Unit ID	72. Type of Emissions Unit	73. Actual Dates		
		Began Construction	Completed Construction	Began Operation
	N/A			

PART O: New or Modified Emissions Units (if applicable)

Complete this section only if the source is proposing to add new emission units or modify existing emission units.

74. Emissions Unit ID	75. NEW	76. MOD	77. Type of Emissions Unit	78. Estimated Dates		
				Begin Construction	Complete Construction	Begin Operation
			N/A			

ORIGIN ID:MZZA (463) 426-7322
LAURA DONERSON
KMP
501 PENNSYLVANIA PARKWAY
SUITE 250
INDIANAPOLIS, IN 46280
UNITED STATES US

SHIP DATE: 03JUL24
ACTWGT: 1.00 LB
CAD: 105965339/AWSXJ3300

BILL SENDER

TO MS. JENNY ACKER
IDEM, OFFICE OF AIR QUALITY
100 NORTH SENATE AVENUE
MC 61-53
INDIANAPOLIS IN 46204

(317) 233-0178 REF:
INV: PC: KM72024155550766 DEPT:

663J026148AEC3



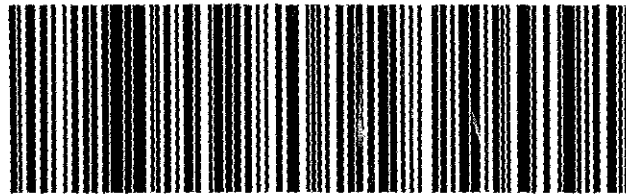
MON - 08 JUL 5:00P

TRK# 2766 2026 9338
0201

** 2DAY **

53 GSHA

46204
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Received
State of Indiana
JUL 05 2024
Dept of Environmental Mgmt
Office of Air Quality

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