

ExxonMobil Pipeline Company LLC  
ExxonMobil Hammond Terminal  
1527 141<sup>st</sup> Street  
Hammond, Indiana 46320

089-48041-00233

AI ID: 14530

**ExxonMobil**

July 1, 2024

Indiana Department of Environmental Management  
Permit Administration and Support Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251

Received  
State of Indiana  
JUL 02 2024  
Dept of Environmental Mgmt  
Office of Air Quality

JS-2

**RE: Part 70 Operating Permit – Administrative Amendment Application and  
Operational Flexibility Notification  
ExxonMobil Pipeline Company LLC, Plant ID: 089-00233**

To Whom It May Concern,

ExxonMobil Pipeline Company (EMPCo) is proposing to revise the Part 70 (Title V) Operating Permit for the facility at 1527 141st Street East in Hammond, Indiana (Hammond Terminal). In accordance with the provisions for Condition B.17(b), EMPCo is submitting an application for an administrative amendment to the Hammond Terminal's existing Title V Operating Permit (T089-41757-00233).

Related to its application for administrative amendment, EMPCo is also making some changes to the facility under the provisions of 326 IAC 2-7-20 (operational flexibility). In accordance with the provisions of Condition B.19(a)(4) of the Title V Operating Permit, EMPCo is submitting the required notification at least 10 days in advance of the proposed changes.

The attached application includes a complete description of the facility, potential emissions calculations, regulatory applicability analyses, and required application forms.

If you have any questions regarding the information contained in this application / notification, please feel free to contact Emily Stewart of Trinity Consultants at (317) 451-8102.

Sincerely,

EXXONMOBIL PIPELINE COMPANY LLC



Devin P. Towe  
Northern US & Texas Products Area Manager

Enclosure

CC: United States Environmental Protection Agency, Region 5  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard, Chicago, Illinois 60604-3590

Emily Stewart (Trinity Consultants)

**ADMINISTRATIVE AMENDMENT  
APPLICATION AND OPERATIONAL  
FLEXIBILITY NOTIFICATION**

**ExxonMobil Pipeline Company LLC / Hammond, Indiana**

**Prepared By:**

**TRINITY CONSULTANTS**

8900 Keystone Crossing  
Suite 1070  
Indianapolis, IN 46240  
(317) 451-8100

July 2024

Project No. 241501.0044



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## **1. INTRODUCTION**

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ExxonMobil Pipeline Company LLC (EMPCo) operates an existing stationary petroleum bulk terminal operation in Hammond, Indiana (Hammond Terminal) owned by ExxonMobil Oil Corporation. EMPCo currently operates the Hammond Terminal under a Part 70 (Title V) operating permit No. T089-41757-00233, issued by the Indiana Department of Environmental Management (IDEM) on June 11, 2020 and last modified by Administrative Amendment No. 089-45935-00233 on November 4, 2022. The Hammond Terminal is located in Lake County, which has been designated as attainment or unclassifiable for all criteria pollutants except for the 2015 8-hour ozone standard.<sup>1</sup> The Hammond Terminal is an existing minor source of PM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO emissions under the Prevention of Significant Deterioration (PSD) and a major source of VOC emissions under the Emission Offset Rules. In addition, the terminal is an area source of HAP emissions under Section 112 of the Clean Air Act.

EMPCo is requesting an administrative amendment for process description updates to the current permit and is submitting an operational flexibility notification for minor physical changes at the source. State forms are included in Appendix A and emission calculations are provided in Appendix B.

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<sup>1</sup> 326 IAC 1-4-46

## 2. PROJECT DESCRIPTION

### 2.1 Project Description

EMPCo intends to use the existing Storage Tank No. 154 at the Hammond Terminal to store conventional gasoline (CBOB) in addition to the petroleum liquids currently listed in Section A.2 of the Title V permit (reformulated gasoline, distillate, or denatured ethanol). Conventional and reformulated gasoline have identical volatile organic compound (VOC) composition and hazardous air pollutant (HAP) speciation ranges. Therefore, there is no distinction in potential emissions from the storage tank as a result of storing reformulated versus conventional gasoline and the project will not result in an increase in potential emissions from this storage tank or existing upstream and downstream emission units at the Hammond Terminal. EMPCo is requesting IDEM modify the descriptive information in Sections A.2(a), A.2(b), D.1(a), D.1.1(a), D.1.1(b), D.1.8(a), D.2, E.1(a), E.2(a), and E.2(b); and Reporting Form "Part 70 Quarterly Report" of the Title V permit to change "reformulated gasoline" to "gasoline". This change qualifies as an administrative amendment per 326 IAC 2-7-11(a)(7). In addition, EMPCo is requesting IDEM to change "reformulated gasoline" to "gasoline" at various places in the "Technical Support Document (TSD) for a Part 70 Operating Permit Renewal" that was finalized at the time of issuance of June 11, 2020 version of the Title V permit.

It should be noted that prior to the issuance of June 11, 2020 version of the Title V permit, the permit did not refer to the term "reformulated gasoline". However, when the IDEM Permit Writer changed the references from "gasoline" to "reformulated gasoline" during the last renewal of the Title V permit, EMPCo accepted the changes as it did not envision the possibility of future storage and loading of conventional gasoline at the source.

In order to facilitate the use of Storage Tank No. 154 to store CBOB, blending of various additives into CBOB, and for loading of CBOB into the transport trucks at the tank truck loading rack, minor piping configuration changes will need to be made at the source. The additional piping components will result in fugitive VOC emissions from equipment leaks. As shown in the detailed emission calculations in Appendix B, emissions from the additional piping components are below the source modification exemption thresholds of 326 IAC 2-1.1-3(e) and 326 IAC 2-7-10.5(e)(2)(A). Therefore, the proposed changes do not require preconstruction approval under 326 IAC 2-7-10.5(f) for minor modifications. In addition to the administrative amendment application, EMPCo is submitting this operational flexibility notification at least 10 days in advance of the proposed changes at the Hammond Terminal.

There is a possibility that the use of Storage Tank No. 154 to store CBOB could result in an increase in actual annual VOC emissions due to the projected actual annual gasoline, ethanol, and additives throughput increases to existing petroleum liquid storage and transfer facilities at the Hammond Terminal. To fully evaluate possible projected annual VOC emissions increases, which could occur as a result of the proposed project, EMPCo has considered all associated emissions increases from increased petroleum liquid throughput for comparison to the New Source Review Significant emission Rates (SERs). The emissions increase using the actual-to-projected actual (ATPA) applicability test and the PTE from the proposed new emission units (additional piping components), is less than the SER for NNSR regulated pollutants (VOC), as shown in the detailed emissions calculations in Appendix B.

### 3. AIR EMISSIONS QUANTIFICATION

The proposed new emission units (additional piping components) are expected to generate insignificant emissions of volatile organic compounds (VOC) and hazardous air pollutants (HAPs).

#### 3.1 Potential to Emit Summary

The uncontrolled PTE of various pollutants from the proposed new emission units (additional piping components) at the Hammond Terminal are summarized in Table 3-1. Detailed emission calculations for the proposed new emission units are included in Appendix B.

**Table 3-1. Hammond Terminal Uncontrolled PTE**

Uncontrolled Potential to Emit of New and Modified Units				
Emission Unit	VOC (lb/day)	VOC (tons/year)	Combined HAPs (tons/year)	Single HAP (Isooctane ) (tons/year)
<b>New Units</b>				
New Fugitive Components	0.15	0.03	0.01	0.003
<b>Modified Units</b>				
Not Applicable	0.00	0.00	0.00	0.000
<b>PTE Increase</b>	<b>1.51E-01</b>	<b>2.75E-02</b>	<b>7.81E-03</b>	<b>2.63E-03</b>
Minor Modification Thresholds <sup>2</sup> and Exemption Upper Thresholds <sup>1</sup>	15	10	2.5	1
Exempt from Source Modification and Preconstruction Approval Requirements?	Yes	Yes	Yes	Yes
<sup>1</sup> 326 IAC 2-1.1-3(e)				
<sup>2</sup> 326 IAC 2-7-10.5(e)(2)(A)				

## 4. REGULATORY APPLICABILITY

This section of the permit application summarizes the key air quality regulations that are potentially applicable to the proposed new emission units (additional piping components) at the Hammond Terminal.

### 4.1 Federal Regulatory Applicability

#### 4.1.1 Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR) Applicability

Lake County has been designated as attainment for all pollutants per 326 IAC 1-4-46 except for the 2015 8-hour ozone standard.

The Hammond Terminal is an existing minor stationary source of PM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO emissions under the Prevention of Significant Deterioration (PSD) and a major source of VOC emissions under the Emission Offset programs; therefore, the VOC emissions increase from the proposed project is evaluated against the Emission Offset SER for the NNSR regulated pollutant (VOC).

An ATPA emission increase analysis was conducted for this project to evaluate the impact of a possible increase in actual annual VOC emissions from the petroleum liquid storage and transfer facilities as a result of the projected actual annual gasoline, ethanol, and additives throughput increases due to the proposed project. Baseline actual emissions were calculated based on the highest average annual actual VOC emissions from a selected 2-year baseline period (January 2014 - December 2015) during the preceding 10 year period. As shown in Table 4-1, the project emission increases due to the proposed project do not exceed the SER for VOC. Therefore, the project is not subject to PSD or Emission Offset review.

**Table 4-1. Project Emissions Increases**

Emission Unit	NSR Emission Increases (tons/year)
	VOC
Sum of PTE Increases:	2.75E-02
Sum of Associated Increases	19.88
Project Emissions	19.91
Significant Emission Rate (SER)	40
NNSR Triggered?	No

#### **4.1.2 New Source Performance Standards**

New Source Performance Standards (NSPS), located in 40 CFR Part 60 and implemented in Indiana regulation 326 IAC 12, require new, modified, or reconstructed sources to control emissions to specified levels. Moreover, any source subject to an NSPS is also subject to the general provisions of NSPS Subpart A, except where expressly noted.

There will be no change in the applicability of any NSPS Subpart due to the proposed project. The proposed changes will not result in a construction, modification or reconstruction of a "gasoline loading rack affected facility" and will not trigger the applicability of NSPS XXa. Potential applicability of 40 CFR 60.502a(j) to the "collection of equipment at a bulk gasoline terminal affected facility" due to construction of additional piping components is still under evaluation and is subject to change pending the submission of potential requests for judicial review and administrative review (reconsideration) prior to July 8, 2024.

#### **4.1.3 National Emissions Standards for Hazardous Air Pollutants**

NESHAPs apply to sources in specifically regulated industrial source classifications (Clean Air Act Section 112(d)) or on a case-by-case basis (Clean Air Act Section 112(g)) for facilities not regulated as a specific industrial source type. Pollutant specific NESHAPs may also be applicable under 40 CFR Part 61. Many NESHAPs have been developed for particular industrial source categories under 40 CFR Part 63. Therefore, the potential applicability of a particular NESHAP to a facility can be readily ascertained based on the industrial source category covered.

There will be no change in the applicability of any NESHAP Subpart due to the proposed project. The proposed changes will not result in a construction or reconstruction of a "gasoline loading rack" emission source at the "bulk gasoline terminal" affected source and will not trigger the applicability of additional requirements under 40 CFR Part 63, Subpart BBBBBB. Potential applicability of the new equipment leak monitoring requirements in 40 CFR 63.11089 to the "equipment components in vapor or liquid gasoline service" emission source at the "bulk gasoline terminal" affected source due to construction of additional piping components is still under evaluation and is subject to change pending the submission of potential requests for judicial review and administrative review (reconsideration) prior to July 8, 2024.

### **4.2 Indiana Regulatory Applicability**

#### **4.2.1 Part 70 Permits; Source Modifications (326 IAC 2-7-10.5)**

Pursuant to 326 IAC 2-7-10.5(a), a Title V source proposing to construct new emission units, modify existing emission units, or otherwise modify the source as described in 326 IAC 2-7-10.5 must submit an application for a source modification approval unless the proposed project is exempt under 326 IAC 2-1.1-3. Since the uncontrolled PTE from the proposed new emission units (additional piping components) is less than the thresholds in 326 IAC 2-7-10.5(e)(1) and VOC emissions are less than 15 pounds per day per 326 IAC 2-7-10.5(e)(2), a source modification or preconstruction approval is not required for this project.

#### **4.2.2 Administrative Amendment (326 IAC 2-7-11)**

Pursuant to 326 IAC 2-7-11 an administrative amendment may be used to incorporate an exempt unit as described in 326 IAC 2-1.1-3 or revise descriptive information as described in 326 IAC 2-7-11(a)(7). Since the proposed project incorporates exempt units as described in 326 IAC 2-1.1-3, EMPCo requests the



proposed changes be incorporated into the Hammond Terminal's Title V permit through an administrative amendment.

#### **4.2.3 Operational Flexibility (326 IAC 2-7-20)**

Pursuant to 326 IAC 2-7-20, an operator of a Part 70 source may make any change or changes at the source that are described by 327 IAC 2-7-20 (b) or (c), provided certain conditions are met. Because the storage and loading of conventional gasoline in addition to reformulated gasoline does not result in emissions that exceed emissions allowable under the current Title V Permit, and the changes are not modifications under any provisions of Title I of the Clean Air Act, EMPCo will move forward with the use of Storage Tank No. 154 to store conventional gasoline and the loading of conventional gasoline into the transport trucks at the tank truck loading rack without prior permit revision.

#### **4.2.4 VOC Rules: General Reduction Requirements for New Facilities (326 IAC 8-1-6)**

Emission units constructed after January 1, 1980, with the uncontrolled VOC potential to emit is greater than or equal to twenty-five (25) tons per year are subject to 326 IAC 8-1-6. The proposed fugitive components are not subject to the requirements of 326 IAC 8-1-6 because the unlimited VOC potential emissions are less than twenty-five (25) tons per year.

**APPENDIX A. STATE FORMS**

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**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](http://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:	089-48041-00233
DATE APPLICATION WAS RECEIVED:	Received State of Indiana JUL 02 2024 JS-2 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: ExxonMobil Pipeline Company LLC	3. Plant ID: 089 – 00233
4. Billing Address: 1527 141 <sup>st</sup> Street	
City: Hammond	State: IN ZIP Code: 46320 –
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 checked="" type="checkbox"/> Notice Only Change <input type="checkbox"/> Other (specify):	
<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.

Devin P. Towe  
Name (typed)

Northern US & Texas Products Area Manager  
Title

  
Signature

7/1/2024  
Date



**OAQ GENERAL SOURCE DATA APPLICATION**

**GSD-01: Basic Source Level Information**

State Form 50640 (R5 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Received  
State of Indiana

JUL 02 2024

JS-2

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](http://www.IN.gov/idem)

**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.

089-48041-00233

**PART A: Source / Company Location Information**

1. Source / Company Name: ExxonMobil Pipeline Company LLC		2. Plant ID: 089 – 00233	
3. Location Address: 1527 141 <sup>st</sup> Street			
City: Hammond	State: IN	ZIP Code: 46320 –	
4. County Name: Lake		5. Township Name: North	
6. Geographic Coordinates:			
Latitude: 41.640		Longitude: -87.492	
7. Universal Transferal Mercadum 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 checked="" 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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes – Indicate Nonattainment Pollutant(s): <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> NO <sub>x</sub> <input checked="" type="checkbox"/> O <sub>3</sub> <input type="checkbox"/> PM <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> PM <sub>2.5</sub> <input type="checkbox"/> SO <sub>2</sub>			
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 type="checkbox"/> No <input checked="" 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: Gautam Singh		
19. Title (optional): Terminal Superintendent, ExxonMobil Pipeline Company LLC		
20. Mailing Address: 1527 141 <sup>st</sup> Street		
City: Hammond	State: IN	ZIP Code: 46320 –
21. Electronic Mail Address (optional): gautam.singh@exxonmobil.com		
22. Telephone Number: ( 713 ) 321 – 0269	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: Devin P. Towe		
25. Title: Northern US & Texas Products Area Manager		
26. Mailing Address: 22777 Springwoods Village Parkway		
City: Spring	State: TX	ZIP Code: 77389 –
27. Telephone Number: ( 832 ) 624 – 7729	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? <i>The permit may list the title of the Authorized Individual or Responsible Official in lieu of a specific name.</i>		
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – <b>Change Responsible Official to:</b>		

**PART E: Owner Information**

30. Company Name of Owner: ExxonMobil Oil Corporation		
31. Name of Owner Contact Person: Saul Flota		
32. Mailing Address: 22777 Springwoods Village Parkway		
City: Spring	State: TX	ZIP Code: 77389 –
33. Telephone Number: ( 832 ) 702 – 9550	34. Facsimile Number (optional): ( ) –	
34. Operator: Does the "Owner" company also operate the source to which this application applies?		
<input checked="" type="checkbox"/> No – Proceed to Part F below. <input 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: ExxonMobil Pipeline Company LLC		
36. Name of Operator Contact Person: Gautam Singh, Terminal Superintendent		
37. Mailing Address: 1527 141 <sup>st</sup> Street		
City: Hammond	State: IN	ZIP Code: 46320 –
38. Telephone Number: ( 713 ) 321 – 0269	39. Facsimile Number (optional): ( ) –	

**PART G: Agent Information**

40. **Company Name of Agent:** Trinity Consultants

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

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

43. **Mailing Address:** 8900 Keystone Crossing, Suite 1070

<b>City:</b> Indianapolis	<b>State:</b> IN	<b>ZIP Code:</b> 46240 –
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44. **Electronic Mail Address (optional):** estewart@trinityconsultants.com

45. **Telephone Number:** ( 317 ) 451 – 8102

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:** N/A

49. **Name of Library:**

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

51. **Mailing Address:**

<b>City:</b>	<b>State:</b>	<b>ZIP Code:</b> –
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52. **Internet Address (optional):**

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

54. **Telephone Number:** ( ) –

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
ExxonMobil Oil Corporation	to
ExxonMobil Pipeline Company	to
ExxonMobil Pipeline Company LLC	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
Tank truck loading and vapor recovery treatment of gasoline, distillate, and denatured ethanol stored in the tank farm.	Gasoline, distillate, and denatured ethanol	5171	424710

**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
45935	Title V Administrative Amendment	6/11/2025
41757	Title V Renewal	6/11/2025

**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			

## **APPENDIX B. EMISSION CALCULATIONS**

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**Appendix B: Emissions Calculations  
Modification Summary**

**Company Name:** ExxonMobil Pipeline Company LLC  
**Source Address:** 1527 - 141st Street, Hammond, IN 46327

Uncontrolled Potential to Emit of New and Modified Units				
Emission Unit	VOC (lb/day)	VOC (tons/year)	Combined HAPs (tons/year)	Single HAP (Isooctane ) (tons/year)
<b>New Units</b>				
New Fugitive Components	0.15	0.03	0.01	0.003
<b>Modified Units</b>				
Not Applicable	0.00	0.00	0.00	0.000
<b>PTE Increase</b>	<b>1.51E-01</b>	<b>2.75E-02</b>	<b>7.81E-03</b>	<b>2.63E-03</b>
Minor Modification Thresholds <sup>1</sup> and Exemption Upper	15	10	2.5	1
Exempt from Source Modification and Preconstruction Approval Requirements?	Yes	Yes	Yes	Yes

<sup>1</sup> 326 IAC 2-1.1-3(e)

<sup>2</sup> 326 IAC 2-7-10.5(e)(2)(A)

Emission Unit	NSR Emission Increases (tons/year)
	VOC
<b>Sum of PTE Increases:</b>	2.75E-02
<b>Sum of Associated Increases</b>	19.88
<b>Project Emissions</b>	19.91
<b>Significant Emission Rate (SER)</b>	40
<b>NNSR Triggered?</b>	No

**Appendix B: Emissions Calculations**  
**VOC Emissions from Equipment Leaks**  
**Company Name:** ExxonMobil Pipeline Company LLC  
**Address:** 1527 - 141st Street, Hammond, IN 46327

New Component Count				Light <sup>1</sup>	Heavy <sup>1</sup>	Gas <sup>1</sup>				
Light	Heavy	Gas		Factor (lbs/hr)	Factor (lbs/hr)	Factor (lbs/hr)	Lbs/Hr	Lbs/Year	Lbs/Day	Tons/year
40	-	4	Valves	9.48E-05	9.48E-05	2.87E-05	3.91E-03	34.22	0.09	0.02
-	-	-	Pumps	1.19E-03	1.19E-03	1.43E-04	0.00E+00	0.00	0.00	0.00
-	-	-	Other	2.87E-04	2.87E-04	2.65E-04	0.00E+00	0.00	0.00	0.00
-	-	-	Loading Arm Valve	9.48E-05	9.48E-05	2.87E-05	0.00E+00	0.00	0.00	0.00
135	-	-	Flanges	1.76E-05	1.76E-05	9.26E-05	2.38E-03	20.86	0.06	0.01
							<b>Total</b>	<b>55.08</b>	<b>0.15</b>	<b>0.03</b>

1. Equipment Fugitive VOC and HAPs		HAP?	Light Liquid (Fraction) <sup>1</sup>	Light Liquid (lbs/year)	Heavy Liquid (Fraction) <sup>1</sup>	Heavy Liquid (lbs/year)	Gas (Fraction) <sup>1</sup>	Gas (lbs/year)	Total (lbs/year)	Total (tons/year)
Total VOC			100.0%	54.07	100%	0.00	100%	1.00	55.08	<b>0.03</b>
Benzene	71-43-2	Y	2.0%	1.08	0.004%	0.00	0.4%	0.00	1.09	5.43E-04
Ethylbenzene	100-41-4	Y	1.8%	0.97	0.05%	0.00	0.1%	0.00	0.97	4.87E-04
Hexane	110-54-3	Y	2.8%	1.51	0%	0.00	1.4%	0.01	1.53	7.64E-04
Isooctane	540-84-1	Y	9.7%	5.25	0%	0.00	0.7%	0.01	5.25	2.63E-03
MTBE	1634-04-4	Y	0%	0%	0%	0.00	0.0%	0.00	0.00	0.00
Toluene	108-88-3	Y	5.5%	2.97	0.08%	0.00	1.1%	0.01	2.99	1.49E-03
Xylene (-m)	108-38-3	Y	7.0%	3.79	0.26%	0.00	0.4%	0.00	3.79	1.89E-03
biphenyl	92-54-4	Y	0%	0%	0.12%	0.00	0	0	0.00	0.00
Cresol (-o)	95-54-7	Y	0%	0%	0.07%	0.00	0	0	0.00	0.00
Cumene	98-82-8	Y	0%	0%	0.06%	0.00	0	0	0.00	0.00
Naphthalene	91-20-3	Y	0%	0%	0.28%	0.00	0	0	0.00	0.00
Phenol	108-95-2	Y	0%	0%	0.07%	0.00	0	0	0.00	0.00
Total HAPS			28.8%	15.57	0.99%	0.00	4.1%	0.04	15.61	<b>0.01</b>
Non HAP VOC			71.2%	38.50	99.01%	0.00	96%	0.96	39.46	<b>0.02</b>

**Notes**

<sup>1</sup>Emission Factors per Appendix A of TSD for Title V No. 089-41757-00233, issued to ExxonMobil Pipeline Company LLC

**Appendix B: Emissions Calculations  
Actual to Projected Actual Analysis**  
**Company Name:** ExxonMobil Pipeline Company LLC  
**Address:** 1527 - 141st Street, Hammond, IN 46327

Item Number	Emission Source	A	B	C	Difference, (C-A)	Project Emissions Increases
		Baseline Actual Emissions <sup>1</sup>	Projected Actual Emissions <sup>2</sup>	Projected Actual Emissions		
1	Storage Tank No. 154	5.01	6.05	68.45	19.88	19.88
2	Storage Tank No. 155	3.92	6.23			
3	Storage Tank No. 156	4.69	6.15			
4	Storage Tank No. 116	0.12	0.07			
5	Generic Additive Tank A-1	0.08	0.07			
	Diesel Additive Tank A-2					
	Mobil Additive Tank A-3					
	Additive Tank A-4					
	Non Taxable Red Dye Diesel Tank A5					
	Horizontal Fixed-Roof Tank A-7					
6	Fugitive: Tanker Trucks	6.24	9.04			
7	Loading Rack (Gasoline and Ethanol)	27.29	39.57			
8	Fugitive: Equipment Leaks	1.20	1.26			
		<b>48.56</b>		<b>Total Associated Increases</b>		<b>19.88</b>

**Notes**<sup>1</sup>Baseline period is January 2014 - December 2015<sup>2</sup>Extrapolated based on projected throughput

**Appendix B: Emissions Calculations**

**Facility-wide Baseline**

**Company Name:** ExxonMobil Pipeline Company LLC

**Address:** 1527 - 141st Street, Hammond, IN 46327

**Methodology:**

The Baseline Actual Emissions (BAE) is the average rate, in tons per year (tpy), at which the facility actually emitted the regulated NSR pollutant during any consecutive 24-month period within the 10-year period preceding the date that a complete permit application is received by the agency.

The calculations below determine the annual pollutant emissions from the facility to be used in determining the BAE.

**Basis**

VOC

VOC Emissions were calculated using TankESP and associated tank dimensions, contained material, throughput amounts, cleanings, landings, and an emission factor associated with material type.

Baseline Emissions		Annual Summary	24-Month Rolling Average
Year	Annual Throughput <sup>1</sup> (1,000 gal)	VOC <sup>2</sup> (tpy)	VOC
2014	189279.24	48.96	-
2015	184537.87	48.16	48.56
2016	145396.72	42.36	45.26
2017	92234.32	31.15	36.75
2018	74425.65	33.82	32.48
2019	98689.75	38.91	36.37
2020	62016.96	32.19	35.55
2021	63615.17	32.11	32.15
2022	69811.00	33.67	32.89

**Notes**

<sup>1</sup>Annual throughput of Truck Loading Rack/Bays (includes of throughputs for Tank 154, Tank 155, tank 156, Tank 116, and Additive Tanks)

<sup>2</sup>Sum of Annual Emissions from Tank 154, Tank 155, Tank 156, Tank 116, Additive Tanks, Truck Loading Rack/Bays, the Vapor Recovery Unit, and Fugitive Emissions



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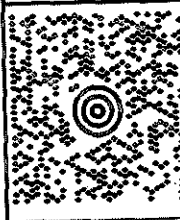
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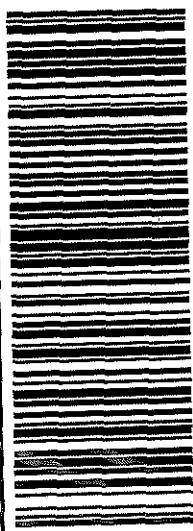
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