



We Protect Hoosiers and Our Environment.

Michael R. Pence Governor

Thomas W. Easterly Commissioner

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

TO: Interested Parties / Applicant

DATE: June 11, 2013

RE: Summit Terminal / 147-33288-00054

FROM: Matthew Stuckey, Branch Chief

> Permits Branch Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, within eighteen (18) calendar days from the mailing of this notice. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2)the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3)The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3)identification of any persons represented by the person making the request;
- the reasons, with particularity, for the request: (4)
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6)identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

> Enclosures FNPER-AM.dot12/3/07





INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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

Lawrence Martin, Vice President Summit Terminal, LLC 1183 East Canvasback Drive Terre Haute, IN 47802

June 11, 2013

Re: 147-33288-00054

First Administrative Amendment to

M147-28155-00054

Dear Mr. Martin:

Rockport River Terminals, Inc. was issued a Minor Source Operating Permit (MSOP) Renewal No. M147-28155-00054 on October 22, 2009 for a stationary river terminal for the storage, loading, and transporting of coal, coal by-products, and fertilizer located at 2932 East State Road 66, Rockport, IN 47635. On June 7, 2013, the Office of Air Quality (OAQ) received an application from the source requesting an Administrative Amendment to change the name of the source.

1. Pursuant to 326 IAC 2-6.1-6(d)(3), this change to the permit is considered an administrative amendment because the permit is amended to indicate a change in ownership or operational control of the source where there is no other change in the permit is necessary.

The company name has been revised throughout the permit as follows with the new ownership name shown as **bold** and the previous ownership name as strikethrough:

Company Name:

Rockport River Terminals, Inc.

Summit Terminal, LLC

A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

General Source Phone Number:

(812) 649-8980 (812) 299-2800

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

MINOR SOURCE OPERATING PERMIT (MSOP) CERTIFICATION

Source Name:

Rockport River Terminals, Inc. Summit Terminal, LLC

Source Address:

2932 East State Road 66, Rockport, Indiana 47635

Mailing Address:

2932 East State Road 66, Rockport, IN 47635

MSOP No.:

M147-28155-00054

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



Rockport, Indiana

Permit Reviewer: Daniel W Pell

Administrative Amendment No. 147-33288-00054

OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH

MINOR SOURCE OPERATING PERMIT ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Rockport River Terminals, Inc. S	ummit Terminal, LLC
Phone #:	(812) 649-8980 (812) 299-2800	
hereby certify that S u Ferminals, Inc. is :	ummit Terminal, LLC Rockport Rive	•
	W= 1.1105 1 15	no longer in operation.
hereby certify that St Ferminals, Inc. is :	immit Terminal, LLC Rockport Rive	in compliance with the requirements of MSOP M147-28155-00054.
rerminais, inc. is .		□ not in compliance with the requirements of MSOP M147-28155-00054.
•		
All other cond	itions of the permit shall remain unch	anged and in effect. Attached please find the

entire revised permit.

A copy of the permit is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Daniel W Pell of my staff at 317-234-8532 or 1-800-451-6027, and ask for extension 4-8532.

Sincerely,

Tripurari P. Sinha, Ph. D.,

Bribaran Simha

Section Chief Permits Branch Office of Air Quality

Attachments: Updated Permit and Appendix A

TS/dwp

CC: File - Spencer County

Spencer County Health Department

U.S. EPA, Region V

Compliance and Enforcement Branch

IDEM ...

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Michael R. Pence Governor

Thomas W. Easterly Commissioner

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

Minor Source Operating Permit Renewal OFFICE OF AIR QUALITY

Summit Terminal, LLC 2932 East State Road 66 Rockport, Indiana 47635

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a MSOP under 326 IAC 2-6.1.

Operation Permit No.: M147-28155-00054							
Issued by:	Issuance Date: October 22, 2009						
Alfred C. Dumaual, Ph. D., Section Chief Permits Branch Office of Air Quality	Expiration Date: October 22, 2019						

First Administrative Amendment No.: 147-33288-00	054
Issued by: 18 riparan Smhg	June 11, 2013 Issuance Date:
Tripurari P. Sinha, Ph. D., Section Chief, Permits Branch Office of Air Quality	Expiration Date: October 22, 2019

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull

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First Administrative Amendment No. 147-33288-00054 Amended By: Daniel W Pell

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull

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C.16	Malfunctions Report [326 IAC 1-6-2]	
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Attachment A: Fugitive Particulate Matter Emission Control Plan

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull Page 4 of 20 M147-28155-00054

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary river terminal for the storage, loading, and transporting of coal, coal by-products, and fertilizer.

Source Address: 2932 East State Road 66, Rockport, Indiana 47635 Mailing Address: 2932 East State Road 66, Rockport, IN 47635

General Source Phone Number: (812) 299-2800

SIC Code: 4491 County Location: Spencer

Source Location Status: Attainment for all criteria pollutants
Source Status: Minor Source Operating Permit Program

Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act

Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

- (a) Two (2) coal and coal by-products storage piles, each with storage capacities of 30,000 tons, and maximum throughputs of 600,000 tons and 300,000 tons per year respectively.
- (b) One (1) fertilizer storage pile, with maximum throughput of 60,000 tons per year.
- (c) Coal, coal by-products, and fertilizer loading, transporting, and unloading facilities constructed in 2002, with a maximum throughput of 960,000 tons per year, including the following:
 - 1. One (1) truck to conveyor transfer, constructed in 2002, with a maximum capacity of 750 tons per hour.
 - 2. Five (5) belt conveyors, constructed in 2002, with a maximum capacity of 750 tons per hour each.
 - 3. Three (3) conveyor to conveyor transfers, constructed in 2002, with a maximum capacity of 750 tons per hour each.
 - 4. One (1) barge loading operation, transporting and conveying, constructed in 2002, with a maximum capacity of 750 tons per hour.
 - 5. One (1) barge unloading to conveyer transfer, using one (1) bucket excavator, constructed in 2002, with a maximum capacity of 750 tons per hour.
 - 6. One (1) storage pile to truck transfer, using one (1) end loader, constructed in 2002, with a maximum capacity of 500 tons per hour.

- 7. One (1) storage pile to hopper transfer, using one (1) end loader, constructed in 2002, with a maximum capacity of 500 tons per hour.
- 8. One thousand (1000) feet of unpaved haul road, constructed in 2002.

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull

SECTION B

GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, M147-28155-00054, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

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

(c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.10 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M147-28155-00054 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

B.12 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.13 Permit Renewal [326 IAC 2-6.1-7]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal 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

- (b) A timely renewal application is one that is:
 - (1) Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.14 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit 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

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.15 Source Modification Requirement

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.16 Inspection and Entry

[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.17 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

(a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application 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

The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.18 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due within thirty (30) calendar days of receipt of a bill from IDEM, OAQ.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.19 Credible Evidence [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.7 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the attached plan as in Attachment A.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

of at least 0.75 cubic feet on all facility components.

- (e) Procedures for Asbestos Emission Control
 The Permittee shall comply with the applicable emission control procedures in
 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control
 requirements are applicable for any removal or disturbance of RACM greater than three
 (3) linear feet on pipes or three (3) square feet on any other facility components or a total
- (f) Demolition and Renovation
 The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) Indiana Licensed Asbestos Inspector The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.9 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

C.11 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.13 Instrument Specifications [326 IAC 2-1.1-11]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps

C.14 Response to Excursions or Exceedances

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or

- (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test

- (a) When the results of a stack test performed in conformance with Section C Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

C.16 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).

(d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.17 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance or ninety (90) days of initial start-up, whichever is later.

C.18 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

(a) Reports required by conditions in Section D of this permit shall be submitted to:

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

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT **OFFICE OF AIR QUALITY**

MINOR SOURCE OPERATING PERMIT (MSOP) **CERTIFICATION**

Source Name: Summit Terminal, LLC

Source Address: 2932 East State Road 66, Rockport, Indiana 47635 2932 East State Road 66, Rockport, IN 47635 M147-28155-00054 Mailing Address: MSOP No.:

NOT NO W147-20133-00034
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)
□ 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:
Title/Position:
Date:

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull Page 18 of 20 M147-28155-00054

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE AND ENFORCEMENT BRANCH

MINOR SOURCE OPERATING PERMIT ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Summit Terminal, LLC	
Address:	2932 East State Road 66	
City:	Rockport, Indiana 47635	
Phone #:	(812) 299-2800	
MSOP #:	M147-28155-00054	
I hereby certify that Su	ımmit Terminal, LLC is :	still in operation.no longer in operation.
I hereby certify that Su	ımmit Terminal, LLC is :	 □ in compliance with the requirements of MSOP M147-28155-00054. □ not in compliance with the requirements of MSOP M147-28155-00054.
Authorized Individu	al (typed):	
Title:		
Signature:		
Date:		
		the source is not in compliance, provide a narrative pliance and the date compliance was, or will be
Noncompliance:		

Page 19 of 20 M147-28155-00054

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY FAX NUMBER: (317) 233-6865

This form should only be used and to quality	sed to report malfu			S IAC 1-6		
THIS FACILITY MEETS THE APPLICABILITY RECEPARTICULATE MATTER?, 25 TONS/YEAR 25 TONS/YEAR VOC?, 25 TONS/YEAR HY?, 25 TONS/YEAR REDUCED SULFUR COCARBON MONOXIDE?, 10 TONS/YEAR AND COMBINATION HAZARDOUS AIR POLLUTANT? ELEMENTAL LEAD?, OR IS A SOURCE LIST MALFUNCTIONING CONTROL EQUIPMENT OR LIMITATION	SULFUR DIOXIDE DROGEN SULFIDE MPOUNDS ? NY SINGLE HAZAR MONTH TON/YEAR STED UNDER 326 I	: ?, 25 TONS : ?, 25 TONS , 25 TONS/YEAR I DOUS AIR POLLU R LEAD OR LEAD AC 2-5.1-3(2) ?	S/YEAR NITR S/YEAR TOTA FLUORIDES 1 TANT ? COMPOUND EMISSIO	OGEN OX L REDUC P, 10 _, 25 TON S MEASU ONS FRO	(IDES?_ CED SUL 00 TONS S/YEAR IRED AS M	FUR S/YEAR ANY
THIS MALFUNCTION RESULTED IN A VIOLATIO PERMIT LIMIT OF	N OF: 326 IAC	OR, PERMIT	CONDITION	#	_ AND/O	R
THIS INCIDENT MEETS THE DEFINITION OF "MA	ALFUNCTION" AS L	ISTED ON REVER	RSE SIDE ?	Υ	N	
THIS MALFUNCTION IS OR WILL BE LONGER TI	HAN THE ONE (1) I	HOUR REPORTING	G REQUIREM	IENT ?	Υ	N
COMPANY:		PHONE	NO. ()_			
LOCATION: (CITY AND COUNTY) PERMIT NO AFS PLANT ID:						
PERMIT NO AFS PLANT ID: _ CONTROL/PROCESS DEVICE WHICH MALFUNCT		ON:				
DATE/TIME MALFUNCTION STARTED:/ ESTIMATED HOURS OF OPERATION WITH MALF						
DATE/TIME CONTROL EQUIPMENT BACK-IN SE	RVICE/	/ 20		_AM/PM		
TYPE OF POLLUTANTS EMITTED: TSP, PM-10,	SO2, VOC, OTHE	R:				
ESTIMATED AMOUNT OF POLLUTANT EMITTED I	DURING MALFUNC	TION:				
MEASURES TAKEN TO MINIMIZE EMISSIONS:						
REASONS WHY FACILITY CANNOT BE SHUTDOV	VN DURING REPAI	RS:				
CONTINUED OPERATION REQUIRED TO PROVID CONTINUED OPERATION NECESSARY TO PREV CONTINUED OPERATION NECESSARY TO PREV INTERIM CONTROL MEASURES: (IF APPLICABLE	ENT INJURY TO PE ENT SEVERE DAM	RSONS:				
MALFUNCTION REPORTED BY:(SIGNATURE IF FAXED)		TITLE:				
MALFUNCTION RECORDED BY:*SEE PAGE 2	DATE:		_TIME:			

Summit Terminal, LLC Rockport, Indiana Permit Reviewer: Jeff Scull

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

*Essential services are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:							

Attachment A:

Fugitive Particulate Matter Emission Control Plan

Rockport River Terminals, Inc.

Summit Terminal, LLC 2932 East State Road 66 Rockport, Indiana 47635

Permit No. M147-28155-00054 First Administrative Amendment No.: 147-33288-00054



Rockport River Terminals Inc. 2932 East State Rd 66 ~ Rockport, IN. 47635 ~ USA Phone/Fax 812-649-8980 ~ Email dekovendock@yahoo.net

FUGITIVE PARTICULATE MATTER EMMISSION CONTROL PLAN

for

Rockport River Terminals, Inc. Rockport, IN.

Source:

Rockport River Terminals, Inc. 2932 East State Road 66 Rockport, IN 47635

Owner and Responsible Operator:

Bruce Kanipe, President Rockport River Terminals, Inc. P.O. Box 52 Rockport, IN 47635

Potential To Emit:

- a.) Eight conveyor transfer points
- b.) Unpaved haul road
- c.) Stockpile area
- d.) Highway truck dumping
- e.) Highway truck loading via end loader

Vehicular Activity (Est.)

120 highway trucks per day (max.) 30,720 highway truck per year (max.) 30 automobiles per day (max) 7,680 automobiles per year (max.)

Particulate Material To Be Handled:

Coel - 800,000 tons per year (max.)

Coal By-Products - 300,000 tons per year (max.) Fertilizer - 60,000 tons per year (max.)

Aggregate Pile Equipment:

No aggregate piles will be maintained on the property.

Control Measures:

ý

Haul road dust suppression will be via water truck on an as needed basis depending on truck usage and weather.

Conveyor transfer points will be enclosed as well as operationally feasible and equipped with water sprays when and where possible.

Stockpiles and truck transfers will be water sprayed when and where possible and needed.

Dust Supressant Materials:

The only dust suppressant to be used will be water. Application and concentration will be adjusted on an as needed basis depending on facility usage and weather conditions.

Particulate Matter Collection Equipment:

No mechanical collection equipment will be employed at this facility.

Schedule of Compliance With the Control Plan:

All construction and operation of the provision of this plan will be performed by Rockport River Terminals, Inc. personnel. This plan will be fully integrated into the daily operations within 4 weeks of the facility start up date.

Records:

The documentation of the use of the provisions of this plan will be kept and available at the source office located at 2932 East State Road 66 in Rockport, IN.

Appendix A: Emission Calculations

Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054
Plt ID: 147-00054
Reviewer: Daniel W Pell
Date: 6/11/2013

Total Potential To Emit (tons/year)									
	Emissions Generating Activity								
Pollutant	Storage Piles	Coal Handling	Coal by- products Handling	Fertilizer Handling	Coal Conveying	Coal by-products Conveying	Fertilizer Conveying	Unpaved Roads	TOTAL
PM	2.11	0.41	0.08	0.04	0.90	0.45	0.09	65.58	69.66
PM10	0.74	0.20	0.04	0.02	0.33	0.17	0.03	16.71	18.23
PM2.5	0.23	0.03	0.01	0.00	0.33	0.17	0.03	16.71	17.51
SO ₂	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VOC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAPs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total emissions based on rated capacities at 8,760 hours/year

For the purposes of determining Title V applicability, PM10 (not PM) is the regulated pollutant in consideration

Controlled Potential To Emit (tons/year)

	Emissions Generating Activity								
Pollutant	Storage Piles	Coal Handling	Coal by- products Handling	Fertilizer Handling	Coal Conveying	Coal by-products Conveying	Fertilizer Conveying	Unpaved Roads	TOTAL
PM	2.11	0.41	0.08	0.04	0.90	0.45	0.09	22.91	26.99
PM10	0.74	0.20	0.04	0.02	0.33	0.17	0.03	5.84	7.36
PM2.5	0.23	0.03	0.01	0.00	0.33	0.17	0.03	5.84	6.64
SO ₂	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VOC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAPs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total emissions based on rated capacities at 8,760 hours/year with control

For the purposes of determining Title V applicability, PM10 (not PM) is the regulated pollutant in consideration

Appendix A: Emissions Calculations Material Storage Piles

Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054

Plt ID: 147-00054
Reviewer: Daniel W Pell
Date: 6/11/2013

The following calculations determine the amount of emissions created by wind erosion of storage stockpiles, based on 8,760 hours of use and USEPA's AP-42 (Pre 1983 Edition), Section 11.2.3.

Ef = 1.7*(s/1.5)*(365-p)/235*(f/15) where Ef = emission factor (lb/acre/day)

s = silt content (wt %)

p = 110 days of rain greater than or equal to 0.01 inches

f = 15 % of wind greater than or equal to 12 mph

Material	Silt Content (wt %) ^a	Emission Factor (lb/acre/day)	Maximum Anticipated Pile Size (acres)	PTE of PM (tons/yr)	PTE of PM10 (tons/yr)	PTE of PM2.5 (tons/yr)
Coal	4.6	5.66	1.02	1.053	0.369	0.116
Coal	4.6	5.66	1.02	1.053	0.369	0.116
			Totals	2.11	0.74	0.23

Methodology

PTE of PM (tons/yr) = [Emission Factor (lb/acre/day)] * [Maximum Pile Size (acres)] * (ton/2000 lbs) * (8760 hours/yr)

PTE of PM10 (tons/yr) = [Potential PM Emissions (tons/yr)] * 35%

Abbreviations

PM = Particulate Matter PM10 = Particulate Matter (<10 um) PTE = Potential to Emit

^a Silt content values obtained from AP-42 Table 13.2.4-1 (dated 11/06)

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Appendix A.1: Emissions Calculations Coal Handling, and Conveying **Unlimited Emissions**

Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054 Plt ID: 147-00054 Reviewer: Daniel W Pell Date: 6/11/2013

Batch or Continuous Drop Operations (AP-42 Section 13.2.4)

To estimate potential fugitive dust emissions from processing and hangling of raw materials (batch or continuous drop operations), AP-42 emission factors for Aggregate Handling, Section 13.2.4 (fifth edition, 1/95) are utilized.

 $Ef = k^{*}(0.0032)^{*}[(U/5)^{1.3} / (M/2)^{1.4}]$ where: Ef = Emission factor (lb/ton) k (PM) = 0.74 = particle size multiplier (0.74 assumed for aerodynamic diameter <=100 um) k (PM10) = 0.35 = particle size multiplier (0.35 assumed for aerodynamic diameter <=10 um) k (PM2.5) == particle size multiplier (0.053 assumed for aerodynamic diameter <=2.5 um)

8 = worst case annual mean wind speed (Source: NOAA, 2008*) 10.0 = material % moisture content of coal (provided by applicant on June 27, 2002 construction application) M =

Ef (PM) = 4.58E-04 lb PM/ton of material handled Ef (PM10) = 2.17E-04 lb PM10/ton of material handled Ef (PM2.5) = 3.28E-05 lb PM2.5/ton of material handled

Maximum Material Handling Throughput = 600,000 tons/yr

	Unlimited/Uncontrolled	Unlimited/Uncontrolled	Unlimited/Uncontrolled
	PTE of PM	PTE of PM10	PTE of PM2.5
Type of Activity	(tons/yr)	(tons/yr)	(tons/yr)
Truck unloading of materials into storage piles	0.14	0.07	0.01
Front-end loader dumping of materials into feeder bins	0.14	0.07	0.01
Conveyor dropping material into conveyor or storage pile.	0.14	0.07	0.01
Total (tons/yr)	0.41	0.20	0.03

Methodology

Maximum Material Handling Throughput (tons/yr) = Annual Throughput provided by applicant on June 27, 2002 construction application. Unlimited Potential to Emit (tons/yr) = (Maximum Material Handling Throughput (tons/yr)) * (Emission Factor (lb/ton)) * (ton/2000 lbs) *Worst case annual mean wind speed (Evansville, IN) from "Comparative Climatic Data", National Climatic Data Center, NOAA, 2008

Coal Conveying (AP-42 Section 11.19.2)

To estimate potential fugitive dust emissions from conveying, AP-42 emission factors for Crushed Stone Processing Operations, Section 11.19.2 (dated 8/04) are utilized.

	Uncontrolled	Uncontrolled		
	Emission	Emission	11-1	1.1-1::41/1.14111
	Factor for	Factor for	Unlimited/Uncontrolled	Unlimited/Uncontrolled
	PM	PM10	PTE of PM	PTE of PM10/PM2.5
Operation	(lbs/ton)*	(lbs/ton)*	(tons/yr)	(tons/yr)**
Conveying	0.003	0.0011	0.90	0.33
Unlimit	ed Potential to E	0.90	0.33	

Maximum Material Handling Throughput (tons/yr) = Annual Throughput provided by applicant on June 27, 2002 construction application. Unlimited Potential to Emit (tons/yr) = [Maximum Material Handling Throughput (tons/yr)] * [Emission Factor (lb/ton)] * [ton/2000 lbs] Emission Factors from AP-42 Chapter 11.19.2 (dated 8/04), Table 11.19.2-2

*Uncontrolled emissions factors for PM/PM10 represent tertiary crushing of stone with moisture content ranging from 0.21 to 1.3 percent by weight (Table 11.19.2-2).

**Assumes PM10 = PM2.5

Abbreviations

PM = Particulate Matter PM10 = Particulate Matter (<10 um) PM2.5 = Particulate matter (< 2.5 um)

PTE = Potential to Emit

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Appendix A.1: Emissions Calculations
Coal by-products Handling, and Conveying
Unlimited Emissions

Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054
Plt ID: 147-00054
Reviewer: Daniel W Pell
Date: 6/11/2013

Batch or Continuous Drop Operations (AP-42 Section 13.2.4)

To estimate potential fugitive dust emissions from processing and hangling of raw materials (batch or continuous drop operations), AP-42 emission factors for Aggregate Handling, Section 13.2.4 (fifth edition, 1/95) are utilized.

 $Ef = k^*(0.0032)^*[(U/5)^*.1.3 / (W/2)^*.1.4]$ where: Ef = Emission factor (|b/ton) k (PM) = 0.74 k (PM10) = 0.35 particle size multiplier (0.74 assumed for aerodynamic diameter <=100 um) k (PM2.5) = 0.053 particle size multiplier (0.35 assumed for aerodynamic diameter <=10 um) k (PM2.5) = 0.053 particle size multiplier (0.053 assumed for aerodynamic diameter <=2.5 um) = 0.053 eworst case annual mean wind speed (Source: NOAA, 2008*)

M = 20.0 = material % moisture content of coal (provided by applicant on June 27, 2002 construction application)

Ef (PM) = 1.74E-04| lb PM/ton of material handled

Ef (PM10) = 8.21E-05 lb PM10/ton of material handled Ef (PM2.5) = 1.24E-05 lb PM2.5/ton of material handled

Maximum Material Handling Throughput = 300,000 tons/yr

	Unlimited/Uncontrolled	Unlimited/Uncontrolled	Unlimited/Uncontrolled
	PTE of PM	PTE of PM10	PTE of PM2.5
Type of Activity	(tons/yr)	(tons/yr)	(tons/yr)
Truck unloading of materials into storage piles	0.03	0.01	0.00
Front-end loader dumping of materials into feeder bins	0.03	0.01	0.00
Conveyor dropping material into conveyor or storage pile.	0.03	0.01	0.00
Total (tons/yr)	0.08	0.04	0.01

Methodology

Maximum Material Handling Throughput (tons/yr) = Annual Throughput provided by applicant on June 27, 2002 construction application. Unlimited Potential to Emit (tons/yr) = (Maximum Material Handling Throughput (tons/yr)) * (Emission Factor (lb/ton)) * (ton/2000 lbs) * Worst case annual mean wind speed (Evansville, IN) from **Comparative Climatic Data**, National Climatic Data Center, NOAA, 2008

Coal by-products Conveying (AP-42 Section 11.19.2)

To estimate potential fugitive dust emissions from conveying, AP-42 emission factors for Crushed Stone Processing Operations, Section 11.19.2 (dated 8/04) are utilized.

	Uncontrolled Emission	Uncontrolled Emission		
	Factor for	Factor for	Unlimited/Uncontrolled	Unlimited/Uncontrolled
	PM	PM10	PTE of PM	PTE of PM10/PM2.5
Operation	(lbs/ton)*	(lbs/ton)*	(tons/yr)	(tons/yr)**
Conveying	0.003	0.0011	0.45	0.17
Unlimited	Potential to E	0.45	0.17	

Methodology

Maximum Material Handling Throughput (tons/yr) = Annual Throughput provided by applicant on June 27, 2002 construction application. Unlimited Potential to Emit (tons/yr) = [Maximum Material Handling Throughput (tons/yr)] * [Emission Factor (lb/ton)] * [ton/2000 lbs] Emission Factors from AP-42 Chapter 11.19.2 (dated 8/04), Table 11.19.2-2

*Uncontrolled emissions factors for PM/PM10 represent tertiary crushing of stone with moisture content ranging from 0.21 to 1.3 percent by weight (Table 11.19.2-2).

**Assumes PM10 = PM2.5

Abbreviations

PM = Particulate Matter PM10 = Particulate Matter (<10 um) PM2.5 = Particulate matter (< 2.5 um)

PTE = Potential to Emit

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Appendix A.1: Emissions Calculations Fertilizer Handling, and Conveying **Unlimited Emissions**

Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054 Plt ID: 147-00054 Reviewer: Daniel W Pell

Date: 6/11/2013

Batch or Continuous Drop Operations (AP-42 Section 13.2.4)

To estimate potential fugitive dust emissions from processing and hangling of raw materials (batch or continuous drop operations), AP-42 emission factors for Aggregate Handling, Section 13.2.4 (fifth edition, 1/95) are utilized.

 $Ef = k^*(0.0032)^*[(U/5)^1.3 / (M/2)^1.4]$ where: Ef = Emission factor (lb/ton) k (PM) = 0.74 = particle size multiplier (0.74 assumed for aerodynamic diameter <=100 um) k (PM10) = 0.35 = particle size multiplier (0.35 assumed for aerodynamic diameter <=10 um) k (PM2.5) == particle size multiplier (0.053 assumed for aerodynamic diameter <=2.5 um) 8 = worst case annual mean wind speed (Source: NOAA, 2008*) = material % moisture content of coal (provided by applicant on June 27, 2002 construction application) M =

Ef (PM) = 4.58E-04 lb PM/ton of material handled Ef (PM10) = 2.17E-04 lb PM10/ton of material handled Ef (PM2.5) = 3.28E-05 lb PM2.5/ton of material handled

Maximum Material Handling Throughput = 60,000 tons/yr

	Unlimited/Uncontrolled PTE of PM	Unlimited/Uncontrolled PTE of PM10	Unlimited/Uncontrolled PTE of PM2.5
Type of Activity	(tons/yr)	(tons/yr)	(tons/yr)
Truck unloading of materials into storage piles	0.01	0.01	0.00
Front-end loader dumping of materials into feeder bins	0.01	0.01	0.00
Conveyor dropping material into conveyor or storage pile.	0.01	0.01	0.00

Total (tons/yr)

0.02

0.00

Methodology

Maximum Material Handling Throughput (tons/yr) = Annual Throughput provided by applicant on June 27, 2002 construction application. Unlimited Potential to Emit (tons/yr) = (Maximum Material Handling Throughput (tons/yr)) * (Emission Factor (lb/ton)) * (ton/2000 lbs) *Worst case annual mean wind speed (Evansville, IN) from "Comparative Climatic Data", National Climatic Data Center, NOAA, 2008

Fertilizer Conveying (AP-42 Section 11.19.2)

To estimate potential fugitive dust emissions from conveying, AP-42 emission factors for Crushed Stone Processing Operations, Section 11.19.2 (dated 8/04) are utilized.

	Uncontrolled Emission	Uncontrolled Emission		
	Factor for	Factor for	Unlimited/Uncontrolled	Unlimited/Uncontrolled
	PM	PM10	PTE of PM	PTE of PM10/PM2.5
Operation	(lbs/ton)*	(lbs/ton)*	(tons/yr)	(tons/yr)**
Conveying	0.003	0.0011	0.09	0.03
U	nlimited Potential to E	0.09	0.03	

Maximum Material Handling Throughput (tons/yr) = Annual Throughput provided by applicant on June 27, 2002 construction application. Unlimited Potential to Emit (tons/yr) = [Maximum Material Handling Throughput (tons/yr)] * [Emission Factor (lb/ton)] * [ton/2000 lbs] Emission Factors from AP-42 Chapter 11.19.2 (dated 8/04), Table 11.19.2-2

*Uncontrolled emissions factors for PM/PM10 represent tertiary crushing of stone with moisture content ranging from 0.21 to 1.3 percent by weight (Table 11.19.2-2).

**Assumes PM10 = PM2.5

Abbreviations

PM = Particulate Matter PM10 = Particulate Matter (<10 um) PM2.5 = Particulate matter (< 2.5 um)

PTE = Potential to Emit

Appendix A: Emission Calculations Fugitive Dust Emissions - Unpaved Roads

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Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054 Plt ID: 147-00054 Reviewer: Daniel W Pell Date: 6/11/2013

Unpaved Roads at Industrial Site

The following calculations determine the amount of emissions created by unpaved roads, based on 8,760 hours of use and AP-42, Ch 13.2.2 (12/2003).

Vehicle Information (provided by source)

		Total	200.0		6600.0			56.0	20729 6
Automobiles leaving plant (one way trip)	30.0	1.0	30.0	2.0	60.0	1000	0.189	5.7	2073.9
Automobiles entering plant (one way trip)	30.0	1.0	30.0	2.0	60.0	1000	0.189	5.7	2073.9
Full Trucks leaving plant (one-way trip)	120.0	1.0	120.0	40.0	4800.0	1000	0.189	22.7	8295.5
Empty Trucks entering plant (one-way trip)	120.0	1.0	120.0	14.0	1680.0	1000	0.189	22.7	8295.5
Туре	vehicles	per vehicle	(trip/day)	(tons/trip)	day (ton/day)	(feet/trip)	(mi/trip))	(miles/yr)
	number of	trips per day	trips per day	Loaded	driven per	distance	distance	(miles/day	miles
	Maximum	one-way	Maximum	Weight	Total Weight	one-way	one-way	miles	one-way
		Number of		Maximum		Maximum	Maximum	one-way	Maximum
								Maximum	

Average Vehicle Weight Per Trip = 22.0 tons/trip Average Miles Per Trip = 0.19 miles/trip

Unmitigated Emission Factor, Ef = $k^{(s/12)^a}[(W/3)^b]$ (Equation 1a from AP-42 13.2.2)

	PM	PM10	
where k =	4.9	1.5	lb/mi = particle size multiplier (AP-42 Table 13.2.2-2 for Industrial Roads)
s =	4.8	4.8	% = mean % silt content of unpaved roads (AP-42 Table 13.2.2-3 Sand/Gravel Processing Plant Road)
a =	0.7	0.9	= constant (AP-42 Table 13.2.2-2)
W =	22.0	22.0	tons = average vehicle weight (provided by source)
b =	0.45	0.45	= constant (AP-42 Table 13.2.2-2)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, Eext = E * [(365 - P)/365]

Mitigated Emission Factor, Exet = E** [365 - P)/365] Mere P = 110 days of rain greater than or equal to 0.01 inches (from "Comparative Climatic Data", National Climatic Data Center, NOAA, 2008 for Evansv

	PM	PM10	
Unmitigated Emission Factor, Ef =	6.32	1.61	lb/mile
Mitigated Emission Factor, Eext =	4.42	1.13	lb/mile
Dust Control Efficiency =	50%	50%	(pursuant to control measures outlined in fugitive due

lust control plan)

2.91 5.84	11.68 22.91	45.82	16.71	65.58	
.29 0.58	1.17 2.29	4.58	1.67	6.56	Automobiles leaving plant (one way trip)
.29 0.58	1.17 2.29	4.58	1.67	6.56	Automobiles entering plant (one way trip)
.16 2.34	4.67 9.16	18.33	6.69	26.23	Full Trucks leaving plant (one-way trip)
.16 2.34	4.67 9.16	18.33	6.69	26.23	Empty Trucks entering plant (one-way trip)
ns/yr) (tons/yr)	(tons/yr) (tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	Process
of PM PM2.5	PM2.5 PTE of PM	PTE of PM	PM2.5	PM	
trolled PM10*	PM10* Controlled	Mitigated	PM10*	d PTE of	
PTE of	PTE of		PTE of	Unmitigate	
Controlled	Mitigated		Unmitigated		
	Mitigated		Unmitigated		

Methodology

Total Weight driven per day (ton/day)
Maximum one-way distance (mi/trip) Maximum one-way miles (miles/day) Average Vehicle Weight Per Trip (ton/trip) Average Miles Per Trip (miles/trip) Unmitigated PTE (tons/yr) Mitigated PTE (tons/yr) Controlled PTE (tons/yr) *Assumes PM10 = PM2.5 Abbreviations PM = Particulate Matter

PM10 = Particulate Matter (<10 um)

PM2.5 = Particulate matter (< 2.5 um) PTE = Potential to Emit

- = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)] = [Maximum one-way distance (feet/trip) / [5280 ft/mile] = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
- = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)] = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
- = (Maximum one-way miles (miles/yr)) * (Unmitigated Emission Factor (lb/mile)) * (ton/2000 lbs) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
- = (Mitigated PTE (tons/yr)) * (1 Dust Control Efficiency)

Appendix A: Emissions Calculations Transferring and Handling Operation 6-3-2 Particulate Matter allowable Emission Rate

Company Name: Summit Terminal, LLC

Address City IN Zip: 2932 East State Road 66, Rockport, IN 47635

Permit Number: 147-33288-00054

Plt ID: 147-00054 Reviewer: Daniel W Pell

Date: 6/11/2013

Emission Point	Process Description	Control Description	Hourly Capacity (tons/hour)	Emission Factor* (lbs/ton)	Control Efficiency	PTE of PM before control (lbs/hr)	326 IAC 6-3-2 Allowable Emission Rate (lbs/hour)
Barge Loadout	Transfer Point	None	750	4.58E-04	0%	0.34	exempt**
Bucket Unloader to Conveyer	Transfer Point	None	750	4.58E-04	0%	0.34	exempt**
Truck to Conveyer	Transfer Point	None	750	4.58E-04	0%	0.34	exempt**
Endloader to Truck	Transfer Point	None	500	4.58E-04	0%	0.23	exempt**
Endloader to Hopper	Transfer Point	None	500	4.58E-04	0%	0.23	exempt**
Conveyer to Conveyer	Transfer Point	None	750	4.58E-04	0%	0.34	exempt**
Belt Conveyer	Product Handling	None	750	3.00E-03	0%	2.25	73.93

*NOTE: Emission Factor used in calculations is the worst case for the three different materials handled.

**NOTE: 326 IAC 6-3-1(b)14 states that Manufacturing Processes with potential emissions less than five hundred fifty-one thousandths (0.551) pound per hour are exempt from 326 IAC 6-3.

Emission Factors: Emission factors for each material were caluclated on pages 3, 4, and 5 of this TSD Appendix A.

Fertilizer = 4.58E-04 lb PM/ton of material handled.

Coal by-products = 1.74E-04 lb PM/ton of material handled.

Coal = 4.58E-04 lb PM/ton of material handled.

Methodology

PTE of PM before Control (lbs/hr) = Maximum Throughput (tons/hr) x Emission Factor (lb/ton) 326 IAC 6-3-2 Allowable Emission Rate based on the following formula: $E = 55.0 P^{0.11} - 40$

where E = rate of emission in pounds per hour and

P = process weight rate in tons per hour

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



We Protect Hoosiers and Our Environment.

Michael R. Pence Governor

Thomas W. Easterly Commissioner

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

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Lawrence Martin

> Summit Terminal LLC 1183 E Canvasback DR Terre Haute, IN 47802

DATE: June 11, 2013

FROM: Matt Stuckey, Branch Chief

> Permits Branch Office of Air Quality

SUBJECT: Final Decision

MSOP

147-33288-00054

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to: OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07



Mail Code 61-53

IDEM Staff	DPABST 6/11/2	013		
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1		Lawrence Martin Summit Terminal LLC 1183 E Canvasback DR Terre Haute IN 47802 (Source CAATS) (CONFIRM DELIVERY)									
2		Ms. Francis Lueken 223 W. 10th Street, P.O. Box 206 Ferdinand IN 47532 (Affected Party)									
3		Rockport City Council and Mayors Office P.O. Box 151 Rockport IN 47635 (Local Official)									
4		Ms. Kathy Tretter Dubois-Spencer Counties Publishing Co, Inc P.O. Box 38 Ferdinand IN 47532-0038 (Affected Party)									
5		Spencer County Commissioners 200 Main St., Courthouse Rockport IN 47635 (Local Official)									
6		Spencer County Health Department Main Street Courthouse, 1st Floor, Room 1 Roackport IN 47635-1492 (Health Department)									
7		Mr. Mark Wilson Evansville Courier & Press P.O. Box 268 Evansville IN 47702-0268 (Affected Party)									
8		David Boggs 216 Western Hills Dr Mt Vernon IN 47620 (Affected Party)									
9		Donald Rhoads 1000 W Williams Rd Bloomington IN 47404 (Affected Party)									
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