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PERMITTEE

Kinder Morgan
5321 Hartford St.
Tampa, FL 33619

Air Permit No.0570024-033-AC
Permit Expires: September 30, 2017
Air Construction Permit
New Material Handling Pathways and
Handling Pozzolan Rock

Authorized Representative:
Rodney Palmer, Director of Operations

PROJECT

This air construction permit authorizes the construction of two new material handling pathways, which consist of a series of conveyors, storage buildings, and truck loadout stations. In addition, this permit authorizes the handling of pozzolan rock. The proposed work will be conducted at the existing facility, which is a material handling operation categorized under Standard Industrial Classification No. 51 – Wholesale Trade, Nondurable Goods. The existing facility is located in Hillsborough County at 4801 Port Sutton Rd, Tampa, FL 33619. The UTM coordinates of the existing facility are Zone17, 360.1 km East, and 3087.5 km North.

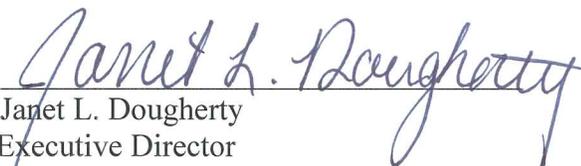
This permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Executed in Tampa, Florida.

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY


Janet L. Dougherty
Executive Director

FINAL PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice Of Permit Issuance was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested, or was sent via mail, before the close of business on the date indicated below to the following persons.

Rodney Palmer, Kinder Morgan Rodney_Palmer@kindermorgan.com
David Cibik, P.E. – ARCADIS david.cibik@arcadis-us.com

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



Clerk

3/16/2016

Date

FINAL DETERMINATION

1. PERMITTEE

Kinder Morgan
5321 Hartford St.
Tampa, FL 33619

2. PERMITTING AUTHORITY

Environmental Protection Commission of Hillsborough County
3629 Queen Palm Dr.
Tampa, FL 33619

3. PROJECT

Air Permit No. 0570024-033-AC
Air Construction Permit
Kinder Morgan OLP "C", Tampaplex Terminal
Construction of two new material handling pathways, which consist of a series of conveyors, storage buildings, and truck loadout stations. In addition, this permit authorizes the handling of pozzolan rock.

4. NOTICE AND PUBLICATION

The EPCHC distributed a draft air construction permit package on February 19, 2016. The applicant published the Public Notice in the Tampa Bay Times on February 28, 2016. The EPCHC received the proof of publication on March 1, 2016. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

5. COMMENTS

On February 24, 2016, the facility submitted one comment via email. Listed below is the comment and the response. The comment is not be restated but is summarized. The comment does not result in a significant change to the Draft Permit. Therefore, another Public Notice is not required.

Comment: The process description states that Portable Conveyor Belt No. PC-03 will transfer material to Conveyor Belt No. C82. However, Portable Conveyor Belt No. PC-03 will feed directly into the transfer point of C-82 and C-83.

Response: The process description is changed as follows to reflect that the Portable Conveyor Belt No. PC-03 will transfer the material to the existing Conveyor Belt No. C83.

From:

The Portable Conveyor Belt No. PC-03 will transfer the material to the existing Conveyor Belt No. C82 (existing EU No. 102), which will then transfer the material to the existing Conveyor Belt No. C83 (EU No. 103, Emission Point 2).

FINAL DETERMINATION

To:

The Portable Conveyor Belt No. PC-03 will transfer the material to the existing Conveyor Belt No. C83 (EU No. 103, Emission Point 2).

6. CONCLUSION

The final action of the EPCHC is to issue the permit with the change noted above.

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

Kinder Morgan OLP “C” is a bulk material handling facility. The operations consist of truck and railcar unloading operations, a ship loading operation, and silo and building storage for phosphate rock, animal feed ingredient (AFI), fertilizer products (MAP, DAP, GTSP) and other bulk materials as defined in this permit’s material handling list/group description. In addition, Kinder Morgan OLP “C” operates a marine vessel (stevedoring) loading and unloading operation of various bulk materials.

PROPOSED PROJECT

This permit authorizes the construction of two new material handling pathways. The first material handling pathway will involve receiving material by ship (existing EU No. 104) and loading it into the existing unloading hopper(s), which transfer the material to the existing Conveyor BC-01 (existing EU No. 105). Conveyor BC-01 will transfer material to a new Portable Conveyor Belt No. PC-03 (new EU No. 143). This pathway will require a conveyor belt direction reversal for Conveyor BC-01. The facility will need to retrofit this conveyor in order to enable it to reverse the conveyor direction.

The Portable Conveyor Belt No. PC-03 will transfer the material to the existing Conveyor Belt No. C83 (EU No. 103, Emission Point 2). Conveyor Belt No. C83 will transfer the material to the existing Conveyor Belt No. C84 (EU No. 103, Emission Point 3), which is located inside Storage Building No. 3. There is a movable tipper located on Conveyor Belt No. C84, which allows the storage piles (EU No. 103, Emission Point 4) to be placed at different locations within the building.

When ready to be shipped offsite, a front end loader will load the material into a hopper located inside of Storage Building No. 3 (EU No. 103, Emission Point 5). The hopper feeds the existing Conveyor Belt No. C104 (EU No. 102, Emission Point 5), which will transfer material to the new Portable Conveyor Belt No. PC-03 (new EU No. 141). The new Portable Conveyor Belt No. PC-03 will transfer the material directly into a truck for shipment offsite (new EU No. 142).

The second material handling pathway will be used to load material from Storage Building No. 1 into trucks. Material stored in Storage Building No. 1 (EU No. 100) will be transferred via front-end loader to a hopper located inside the building. The hopper(s) transfer material to either existing Conveyor Belt Nos. C5 or C6 (EU No. 100, Emission Point No. 5), which then transfer the material to the existing Conveyor Belt No. C11 (EU No. 100, Emission Point No. 6).

Conveyor Belt No. C11 will transfer material to a new Portable Conveyor PC-01 (new EU No. 144), which will transfer material to the Radial Stacker RS-02 (new EU No. 145). The existing Radial Stacker RS-02 will load material into a truck inside of the new truck loadout building (New EU No. 146). The loadout building will be a roofed structure with two sides, that trucks will drive through. The conveyor comes through the side of the building and dumps to the truck. This enclosure encompasses the entire truck.

Particulate matter emissions from the conveyors located outside of the storage building(s) will be controlled by the use of 180 degree covers, except for Conveyor BC-01. Conveyor BC-01 has side skirts only because the receiving hoppers can travel along the length of the conveyor belt and the covers would hinder the movement of the receiving hoppers. This permit also requires that each transfer point

SECTION 1. GENERAL INFORMATION

be equipped with a partial enclosure and a water spray system. The water spray system will be used as necessary to comply with the 5% opacity standard specified in Rule 62-296.711, F.A.C.

In addition, this permit adds pozzolan rock to the list of materials authorized to be handled at the facility. According to the permittee, pozzolan rock can be considered similar to pumice. Therefore, as requested by the permittee, pozzolan rock is included in Group VI of the material handling list, which also includes pumice. The PM emission factor for the Group VI is 0.067 lb/ton of material.

This project will modify or add the following emission units:

Emission Unit (EU) No.	EU Description
100	Truck and Railcar Unloading Station No. 2 and Transfer Points (C2, C3, C4, C7, C11, C94) in Warehouse Building Nos. 1 and 2
	Emission Point (EP) No. 1 – Building No. 1
	EP No. 2 – Building No. 2
	EP No. 6 - Conveyor C4 to Pile in Building No. 1
	EP No. 7 – Pile in Building No. 1 to Conveyors C5 or C6
	EP No. 8 - Conveyors C5 or C6 to Conveyor C11
	EP No. 9 - Conveyor C4 to Conveyor C7
	EP No. 10 - Conveyor C7 to Pile in Building No. 2
	EP No. 11 - Pile in Building No. 2 to Conveyor C94
102	Truck Unloading Station No. 1
103	Storage Building No. 3
	Emission Point (EP) No. 1 – Storage Building No. 3
	EP No. 2 – Conveyor C82 or PC-03 to Conveyor C83
	EP No. 3 - Conveyor C83 to Conveyor C84
	EP No. 4 - Conveyor C84 to Pile in Building No. 3
	EP No. 5 – Pile to Hopper to Conveyor C104 via Front-End Loader
104	Clamshell to Hopper(s) RH-01 and RH-02
105	RH-01 and RH-02 to Conveyor BC-01
141	Conveyor No. 104 to Portable Conveyor PC-03
142	Portable Conveyor PC-03 to Truck
143	Conveyor BC-01 to Portable Conveyor PC-03
144	Conveyor No. C11 to Portable Conveyor PC-01
145	Portable Conveyor PC-01 to Radial Stacker RS-02

SECTION 1. GENERAL INFORMATION

Emission Unit (EU) No.	EU Description
146	Radial Stacker No. RS-02 to Truck
147	Truck Unloading to Conveyor C2
148	Conveyor C2 to Conveyor C3
149	Conveyor C3 to Conveyor C4

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.
3. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
4. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the EPCHC may require the permittee to conform to new or additional conditions. The EPCHC shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the EPCHC may grant additional time. [Rule 62-4.080, F.A.C.]
5. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An “objectionable odor” means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]
6. Modifications: The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200(185), F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C. and Permit No. 0570024-015-AC]
 - a) Alteration or replacement of any equipment or major component of such equipment.
 - b) Installation or addition of any equipment which is a source of air pollution.
 - c) The handling of any new material not identified in this permit.
7. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility

SECTION 2. ADMINISTRATIVE REQUIREMENTS

include: [Rule 62-296.320(4)(c), F.A.C.; Proposed by applicant in the initial Title V permit application received June 16, 1996; and Permit No. 0570024-017-AC]

- a) Post and enforce a speed limit of 10 miles per hour
- b) Maintain material drop points as low as possible
- c) Curtail operations during high wind conditions, if necessary
- d) Exercise good housekeeping at all times
- e) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, and open stock piles, as necessary
- f) Removal of particulate matter from buildings, work areas, roads and other paved areas under the control of the owner or operator of the facility to prevent entrainment, as necessary
- g) Maintenance of parking areas and yards
- h) Landscaping or planting of vegetation
- i) Water sprays or other dust suppressant

8. The permittee shall handle only the following materials at the Tampaplex site and at any Stevedoring location. [Rule 62-4.070(1), F.A.C. and Permit No. 0570024-016-AC]

a)

<i>Group I – Dusty Fertilizers</i>		
Ammonium Sulfate	Granular Sulfate of Potash	Animal Feed Ingredients
Standard Muriate of Potash	Standard Sulfate of Potash	Standard Potassium Nitrate
Granular Muriate of Potash	Granular Sulfate of Potash-Magnesium	Standard Sulfate of Potash-Magnesium
<i>Group II – Phosphate Rock</i>		
Phosphate Products Rock		
<i>Group III – Minimally Dusty Fertilizers</i>		
Ammonium Nitrate	Sodium Potassium Nitrate	MAP
Calcium Ammonium Nitrate	Compound Fertilizers	DAP
Potassium Nitrate	Dried Sludge	GTSP
Calcium Nitrate	Urea	Kieserite
<i>Group IV – Millscale</i>		
Millscale		
<i>Group V – Moderately Dusty Non-Fertilizer Products</i>		
Coal	Syngypsum	Clay

SECTION 2. ADMINISTRATIVE REQUIREMENTS

Group V – Moderately Dusty Non-Fertilizer Products (continued)		
Petcoke	Iron Ore	Magnetite/Ferrous Oxides
Group VI – Minimally Dusty Non-Fertilizer Products		
Gypsum	Alumina Hydrate	Filler Materials
Pumice	Vermiculite	Peanut Hulls
Wood Chips	Dolomite	Salt (solar)
Ferrous Sulfate	Glass	Bio-Mass
Ferro Alloys	Iron Scrap (including shredded scrap metal)	Granulated Furnace Slag
Clinker (treated or screened)	Prilled Sulfur	Pozzolan Rock
Group VII – Coal Slag		
Coal Slag		
Group VIII – Agricultural Products		
Grains	Grain Meals	Seeds
Soybeans	Grain Byproducts	Peas
Wheat, Rye, Barley	Citrus Pellets	
Group IX – Bauxite/Alumina and similar Dusty Cement-like Products		
Bauxite	Alumina	Slag Cement
Group X - Aggregate		
Limestone	Granite	Rocks
Gravel	Stone	
Group XI – Sand and Similar Materials		
Sand	Soil	Limestone Fines
Dirt		

- b) When calculating particulate matter emissions in order to demonstrate compliance with Specific Condition No. 11., the emission factors listed below for each group of material shall be used, with a maximum number of transfer points not to exceed eight (8). Also, a 90% control efficiency shall be the maximum used when calculating emissions.

Group Number	Emission Factors
I	0.016
II	0.24
III	0.01
IV	6.8
V	0.2
VI	0.067
VII	0.155
VIII	0.086
IX	1.1
X	0.02
XI	0.12

SECTION 2. ADMINISTRATIVE REQUIREMENTS

- c) Millscale shall be treated with water or a dust suppressant at the first material transfer point and subsequent material transfer points as necessary to meet the 5% opacity standard.
 - d) All materials in Group IX shall be treated with a dust suppressant at the first material transfer point and subsequent material transfer points as necessary to meet the 5% opacity standard.
9. The permittee shall give prior notification and obtain approval from the EPCHC for the loading and/or unloading of any new material not identified in this permit. [Rules 62-4.070(3) and 62-210.200(185), F.A.C. and Permit No. 0570024-016-AC]
10. As requested by the permittee, in order to remain a synthetic minor facility with respect to the requirements of Rule 62-212.400, Prevention of Significant Deterioration, F.A.C., the maximum potential to emit (PTE) particulate matter emissions shall not exceed 248 tons per twelve consecutive month period, which is comprised of the following operations: [Rule 62-4.070(3), F.A.C. and Permit No. 0570024-023-AC]
- a) Particulate Matter Emissions from the Tampaplex Operation: 118.8 tons
 - b) Particulate Matter Emissions from the Stevedoring Operation: 129.2 tons
11. In order to ensure compliance with the emission limitations in Specific Condition No. 10, the following restrictions and limitations shall apply for any consecutive twelve month period: [Rule 62-4.070(3), F.A.C. and Permit No. 0570024-023-AC]
- a) The maximum combined throughput of material handled at the Tampaplex location shall not exceed 11,826,000 tons.
 - b) Of the 11,826,000 tons, no more than 10,000,000 tons of oiled MAP/DAP shall be handled with the dust collectors turned off.
 - c) When handling oiled MAP/DAP with the dust collectors turned off, the MAP/DAP shall be sufficiently treated with a non-hazardous oil or dust suppressant to comply with the 5% opacity limit specified in Rule 62-296.711(2)(a), F.A.C.
 - d) The combined material throughput handled through the Stevedoring operation shall not result in that operation emitting more than 129.2 tons of particulate matter emissions per twelve consecutive month period.
12. Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's (DEP) Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent

SECTION 2. ADMINISTRATIVE REQUIREMENTS

construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, Post Office Box 3070, Tallahassee, Florida 32315-3070**. Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/air/emission/tvfee.htm>. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.}

14. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the EPC, unless shorter notice is agreed to by the EPC. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the EPC a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the EPC by mutual agreement. [Rule 62-297.310(9), F.A.C.]
15. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(8)(c), F.A.C. and Permit No. 0570024-017-AC]
16. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]
17. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental

SECTION 2. ADMINISTRATIVE REQUIREMENTS

Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

18. Construction and Expiration: The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the Permitting Authority in writing before the permit expires. [Rules 62-4.070(4), 62-4.080 & 62-210.300(1), F.A.C.]

19. Application for a Title V Operating Permit: This permit authorizes construction of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Title V air operation permit is required for regular operation of the permitted emissions units. The permittee shall apply for a Title V air operation permit at least 180 days prior to expiration of this permit, but no later than 60 days after completion of compliance testing the first time material is handled through one of the new material handling pathways. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the EPCHC may by law require. The application shall be submitted to the Environmental Protection Commission of Hillsborough County. [Rules 62-4.030 and 62-4.050, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. EU Nos. 104, 105, and 147

This section of the permit addresses the following emissions units.

EU No.	EU Description
104	Clamshell to Hopper(s) RH-01 and RH-02
105	RH-01 and RH-02 to Conveyor BC-01
143	Conveyor BC-01 to Portable Conveyor PC-03

PERFORMANCE RESTRICTIONS

A.1. In order to limit the potential to emit, the total potential particulate matter emissions from the Stevedoring operation shall not exceed 129.2 tons per twelve consecutive month period. [Rules 62-210.200, Definitions - (PTE) and 62-4.070(3), F.A.C. and Permit No. 0570024-023-AC]

Conditions Specific to the Operation at Kinder Morgan's Tampaplex Berth

A.2. In order to ensure compliance with Specific Condition Nos. 8, 10, A.1., and A.3, the following limitations and restrictions shall apply: [Rule 62-4.070(3), F.A.C. and Permit No. 0570024-016-AC]

- a) The maximum throughput of the conveying system shall not exceed 1000 tons per hour of material.
- b) All conveyors except for BC-01 and BC-03 shall have 180 degree covers.
- c) The receiving hoppers shall be equipped with wind shields and water sprays and the material drop height shall be minimized to the extent practicable. In no case shall the drop height be greater than 5 feet or above the top of the wind shields.
- d) The number of transfer points shall not exceed eight.
- e) The permittee shall operate a maximum of two ship unloading cranes.
- f) In order to ensure proper operation of the dust suppression system during material handling, Kinder Morgan shall maintain a Dust Suppression System Operation Plan. The plan shall be maintained onsite and shall be made available upon request to any local, state, or federal air pollution agency.
- g) The permittee shall install, calibrate, and maintain flow meters for the dust suppression system for Emission Unit Nos. 104 through 110.
- h) The haul road down the middle of the storage pile area and to the north of the storage pile area shall be paved and maintained.
- i) A truck wash station shall be installed so that each truck leaving the facility exits through a washing station.
- j) No blowers shall be used in the vessel holds.
- k) Vehicles shall be completely enclosed by design or shall be enclosed with tarps prior to leaving the facility.
- l) The unbound (sorbed) moisture percent in petroleum coke shall not be less than 4%.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. EU Nos. 104, 105, and 147

Emission Limitations and Standards

A.3. The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from any emission point or operation. [Rule 62-296.711(2)(a), F.A.C.]

Test Methods and Procedures

A.4. Test Methods. Required tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-297.310(7)(a)4. and 62-297.401, F.A.C.]

A.5. Annual Compliance Tests Required. Test EU Nos. 104 and 105 for visible emissions annually, once per calendar year (January 1 – December 31), and upon the first instance of handling a new material. Each VE observation shall be made at the point of highest opacity from each transfer point. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)3. and (10) and 62-4.070(3), F.A.C.]

(Permitting Note: For the purposes of this Specific Condition, “new material” shall mean a material which has never been loaded out and VE tested while being handled through EU 104 and 105.)

A.6. Test EU No. 143 for visible emissions the first time material is handled through the emission unit and annually thereafter. In addition, test EU No. 143 upon the first instance of handling a new material. Each VE observation shall be made at the point of highest opacity from each transfer point. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)3. and (10) and 62-4.070(3), F.A.C.]

(Permitting Note: For the purposes of this Specific Condition, “new material” shall mean a material which has never been loaded out and VE tested while being handled through EU 147.)

A.7. Compliance with the emission limitations of Specific Condition No. A.3. shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The Method 9 test shall be at least 30 minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rules 62-296.711(3)(a), 62-297.310(5)(b), and 62-4.070(3), F.A.C.]

A.8. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of the rated capacity of 1,000 tons/hour. If it is impracticable to test at the testing

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. EU Nos. 104, 105, and 147

capacity, an emissions unit may be tested at less than the testing capacity. If an emissions unit is tested at less than the testing capacity, another emissions test shall be conducted and completed no later than 60 days after the emissions unit operation exceeds 110% of the capacity at which its most recent emissions test was conducted. Failure to submit the throughput rates, moisture content of the material as received, and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(3)(b), F.A.C.]

Recordkeeping and Reporting Requirements

A.9. The permittee shall perform the following observations and checks on the schedule specified below. The permittee shall perform any necessary maintenance work in order to keep the equipment in good working order to minimize particulate emissions. [Rules 62-296.700(6), 62-4.070(3) and 62-213.440(1)(b)2.b., F.A.C. and Permit No. 0570024-016-AC]

a) Daily (when in operation)

- 1) Inspect the water sprinkler system for proper operation, including, but not limited to, leaks and adequate wetness of material.

b) Each day of Hauling (when in operation)

- 1) Inspect the unpaved areas to ensure they are adequately wet.
- 2) Inspect the paved haul areas to ensure they are free of dust and debris.
- 3) Inspect the truck wheel wash station for proper operation.

c) Each Marine Vessel Unloading Operation (when in operation)

- 1) Record the maximum throughput rate in tons per hour for each marine vessel as measured by Belt Scale, BSC-01, or as determined by the Draft Survey and/or the Statement of Facts for each vessel.

- d) Records of inspections, maintenance, and performance parameters shall be retained for a minimum of five years and shall be made available to any local, state, or federal air pollution control agency upon request.

A.10. In order to ensure compliance with Specific Condition Nos. 8 and A.1., the permittee shall maintain a recordkeeping system. The records shall be maintained onsite for five years and shall be made available to any local, state, or federal air pollution agency upon request. The records shall include, but not limited to, the following: [Rule 62-4.070(3), F.A.C. and 62-213.440(1)(b)2.b., F.A.C. and Permit No. 0570024-016-AC]

a) Operation at Kinder Morgan's Tampaplex Berth

I. Material Handling Records, which may be compiled from the Draft Survey and/or the Statement of Facts completed for each vessel:

- 1) Day, Month, Year
- 2) Amount, Group, and Type of each material received (tons)
- 3) Amount, Group, and Type of each material shipped offsite (tons)
- 4) Monthly total of 2) and 3) above

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A. EU Nos. 104, 105, and 147

- 5) Rolling twelve month total of 4) above
 - 6) Monthly and twelve month rolling summary of particulate matter emissions from material handling. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 11.b) shall be used.
 - 7) Records as required by Specific Condition No. A.9.
- b) If the twelve month rolling summary of particulate matter emissions calculated in a)I.6) shows that the total PM emissions equal or exceed 80% of the permitted limit, the facility shall maintain daily records as specified below. Once the twelve month rolling summary of particulate matter emissions calculated in a)I.6) shows that the total PM emissions are less than 80% of the permitted limit, the facility may return to monthly recordkeeping.
- 1) Daily records of the Amount, Group, and Type of each material received (tons)
 - 2) Daily records of the Amount, Group, and Type of each material shipped offsite (tons)
 - 3) Monthly and twelve month rolling summary of particulate matter emissions from material handling. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 10.b) shall be used.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

B. EU Nos. 102, 103, 141, and 142

This section of the permit addresses the following emissions units.

EU No.	Description
102	Truck Unloading Station No. 1
103	Storage Building No. 3
	Emission Point (EP) No. 1 – Storage Building No. 3
	EP No. 2 – Conveyor C82 or PC-03 to Conveyor C83
	EP No. 3 - Conveyor C83 to Conveyor C84
	EP No. 4 - Conveyor C84 to Pile in Building No. 3
	EP No. 5 – Pile to Hopper to Conveyor C104 via Front-End Loader
141	Conveyor No. 104 to Portable Conveyor PC-03
142	Portable Conveyor PC-03 to Truck

Essential Potential to Emit (PTE) Parameters

B.1. Capacity. The maximum throughput for each emissions unit shall not exceed 400 tons per hour. [Rules 62-210.200, Definitions – PTE and 62-4.070(3), F.A.C., Permit No. 0570024-016-AC, and Permit Application Received January 25, 2016]

B.2. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-210.200, Definitions – PTE and 62-4.070(3), F.A.C.]

B.3. Each conveyor located outside of the storage building(s) shall be equipped with the following: [Rule 62-4.707(3), F.A.C. and Permit Application Received January 25, 2016]

- a) 180 Degree Covers
- b) Partial Enclosures around the transfer point
- c) A water spray system at each conveyor transfer point. Water shall be applied as necessary to comply with the 5% opacity standard specified in B.4 below.

Emission Limitations and Standards

B.4. The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from any emission point, emission unit, or activity. [Rule 62-296.711(2)(a), F.A.C. and Permit No. 0570024-016-AC]

B.5. When calculating particulate matter emissions from the above emission units, the emission factors and control efficiencies listed in Specific Condition No. 10.b) shall be used. [Rules 62-210.200, Definitions – PTE and 62-4.070(3), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

B. EU Nos. 102, 103, 141, and 142

Test Methods and Procedures

B.6. Test Methods. Required tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-297.310(7)(a)4. and 62-297.401, F.A.C.]

B.7. Annual Compliance Tests Required. Annual Compliance Tests Required. Test EU No. 103 for visible emissions annually, once per calendar year (January 1 – December 31), and upon the first instance of handling a new material. Each VE observation shall be made at the point of highest opacity from each transfer point. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)3. and (10) and 62-4.070(3), F.A.C.]

B.8. Test Emission Unit Nos. 102, 141, and 142 for visible emissions the first time material is handled through the emission unit and annually thereafter. In addition, test each emission unit upon the first instance of handling any new material. Each VE observation shall be made at the point of highest opacity from each transfer point. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)3. and (10) and 62-4.070(3), F.A.C.]

(Permitting Note: For the purposes of this Specific Condition, “new material” shall mean a material which has never been loaded out and VE tested while being handled through each emission unit.)

B.9. Compliance with the emission limitations of Specific Condition No. B.4. shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The EPA Method 9 test shall be thirty (30) minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rules 62-296.711(3)(a), 62-297.310(5)(b), and 62-4.070(3), F.A.C.]

B.10. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of the maximum handling rate of 400 tons/hour. If it is impracticable to test at the testing capacity, an emissions unit may be tested at less than the testing capacity. If an emissions unit is tested at less than the testing capacity, another emissions test shall be conducted and completed no later than 60 days after the emissions unit operation exceeds 110% of the capacity at which its most recent emissions test was conducted. Failure to submit the input rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(3)(b), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

B. EU Nos. 102, 103, 141, and 142

Recordkeeping and Reporting Requirements

B.11. In order to demonstrate compliance with Specific Condition Nos. 8, 10, and B.1, the permittee shall maintain a monthly recordkeeping system for the most recent five year period. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state or federal air pollution agency upon request. The records shall include, but not limited to, the following: [Rules 62-213.440(1)(b)2.b. and 62-4.070(3), F.A.C.]

- a) Day, Month, Year
- b) Hours of operation of each emission unit
- c) Amount, Group, and Type of Material handled through each emission unit (tons)
- d) Monthly summary of particulate matter emissions from material handling. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 11.b) shall be used.
- e) Rolling twelve month total of b), c), and d) above
- f) If the twelve month rolling summary of particulate matter emissions calculated in d) shows that the total PM emissions equal or exceed 80% of the permitted limit, the facility shall maintain daily records as specified below. Once the twelve month rolling summary of particulate matter emissions calculated in d) shows that the total PM emissions are less than 80% of the permitted limit, the facility may return to monthly recordkeeping.
 - i. Daily records of the Amount, Group, and Type of each material received (tons)
 - ii. Daily records of the Amount, Group, and Type of each material shipped offsite (tons)
 - iii. Monthly and twelve month rolling summary of particulate matter emissions from material handling. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 11.b) shall be used.

Other Requirements

B.12. In order to exempt the material transfer equipment referenced above from 40 CFR 60, Subpart X, the permittee shall not handle or store at the facility GTSP which is less than or equal to 72 hours old. [40 CFR 60.241(a) and (d), Rule 62-4.070(3), F.A.C. and Construction Permit No. 0570024-016-AC]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

C. EU Nos. 100, 144, 145, 146

This section of the permit addresses the following emissions units.

EU No.	Description
100	Truck and Railcar Unloading Station No. 2 and Transfer Points (C2, C3, C4, C7, C11, C94) in Warehouse Building Nos. 1 and 2
	Emission Point (EP) No. 1 – Building No. 1
	EP No. 2 – Building No. 2
	EP No. 3 – Truck Unloading to Conveyor C2
	EP No. 4 - Conveyor C2 to Conveyor C3
	EP No. 5 - Conveyor C3 to Conveyor C4
	EP No. 6 - Conveyor C4 to Pile in Building No. 1
	EP No. 7 – Pile in Building No. 1 to Conveyors C5 or C6
	EP No. 8 - Conveyors C5 or C6 to Conveyor C11
	EP No. 9 - Conveyor C4 to Conveyor C7
	EP No. 10 - Conveyor C7 to Pile in Building No. 2
	EP No. 11 - Pile in Building No. 2 to Conveyor C94
144	Conveyor No. C11 to Portable Conveyor PC-01
145	Portable Conveyor PC-01 to Radial Stacker RS-02
146	Radial Stacker No. RS-02 to Truck
147	Truck Unloading to Conveyor C2
148	Conveyor C2 to Conveyor C3
149	Conveyor C3 to Conveyor C4

Essential Potential to Emit (PTE) Parameters

C.1. Capacity. The maximum throughput for each emissions unit shall not exceed 250 tons per hour. [Rules 62-210.200, Definitions - PTE and 62-4.070(3), F.A.C. and Permit No. 0570024-016-AC]

C.2. Hours of Operation. These emissions units are allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-210.200, Definitions – PTE and 62-4.070(3), F.A.C.]

C.3. Each conveyor and radial stacker located outside of the storage building(s) shall be equipped with the following: [Rule 62-4.707(3), F.A.C. and Permit Application Received January 25, 2016]

- a) 180 Degree Covers
- b) Partial enclosures around the transfer point

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

C. EU Nos. 100, 144, 145, 146

- c) A water spray system at each conveyor and stacker transfer point. Water shall be applied as necessary to comply with the 5% opacity standard specified in C.4 below.

Emission Limitations and Standards

C.4. The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from any emission point, emission unit, or activity. [Rule 62-296.711(2)(a), F.A.C.]

C.5. When calculating particulate matter emissions from the above emission units, the emission factors and control efficiencies listed in Specific Condition No. 10.b) shall be used. [Rules 62-210.200, Definitions – PTE and 62-4.070(3), F.A.C.]

Test Methods and Procedures

C.6. Test Methods. Required tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-297.310(7)(a)4. and 62-297.401, F.A.C.]

C.7. Annual Compliance Tests Required. Annual Compliance Tests Required. Test EU No. 100 and 147 - 148 for visible emissions annually, once per calendar year (January 1 – December 31), and upon the first instance of handling a new material. Each VE observation shall be made at the point of highest opacity from each transfer point. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)3. and (10) and 62-4.070(3), F.A.C.]

C.8. Annual Compliance Tests Required. Test Emission Unit Nos. 144, 145, and 146 for visible emissions the first time material is handled through the emission unit and annually thereafter. In addition, test each emission unit upon the first instance of handling any new material. Each VE observation shall be made at the point of highest opacity from each transfer point. Submit two copies of the test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rules 62-297.310(8)(a)3. and (10) and 62-4.070(3), F.A.C.]

(Permitting Note: For the purposes of this Specific Condition, “new material” shall mean a material which has never been loaded out and VE tested while being handled through each emission unit.)

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

C. EU Nos. 100, 144, 145, 146

C.9. Compliance with the emission limitations of Specific Condition No. C.4 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The EPA Method 9 test shall be thirty (30) minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rules 62-296.711(3)(a), 62-297.310(5)(b), and 62-4.070(3), F.A.C.]

C.10. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of the maximum material transfer rate of 250 tons/hour. If it is impracticable to test at the testing capacity, an emissions unit may be tested at less than the testing capacity. If an emissions unit is tested at less than the testing capacity, another emissions test shall be conducted and completed no later than 60 days after the emissions unit operation exceeds 110% of the capacity at which its most recent emissions test was conducted. Failure to submit the input rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(3)(b), F.A.C.]

Recordkeeping and Reporting Requirements

C.11. In order to demonstrate compliance with Specific Condition Nos. 9, 11, and C.1., the permittee shall maintain a recordkeeping system for the most recent five year period. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state or federal air pollution agency upon request. The records shall include, but not limited to, the following: [Rules 62-213.440(1)(b)2.b. and 62-4.070(3), F.A.C.]

- a) Day, Month, Year
- b) Hours of operation of each emission unit
- c) Amount, Group, and Type of Material handled through each emission unit (tons)
- d) Monthly summary of particulate matter emissions from material handling. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 10.b) shall be used.
- e) Rolling twelve month total of b), c), and d) above
- f) If the twelve month rolling summary of particulate matter emissions calculated in e) shows that the total PM emissions equal or exceed 80% of the permitted limit, the facility shall maintain daily records as specified below. Once the twelve month rolling summary of particulate matter emissions calculated in d) shows that the total PM emissions are less than 80% of the permitted limit, the facility may return to monthly recordkeeping.
 - i. Daily records of the Amount, Group, and Type of each material received (tons)
 - ii. Daily records of the Amount, Group, and Type of each material shipped offsite (tons)
 - iii. Monthly and twelve month rolling summary of particulate matter emissions from material handling. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 10.b) shall be used.