M E M O R A N D U M

DATE: June 11, 2012

TO: Richard D. Garrity, Ph.D.

FROM: Lora Webb **THRU**: Diana M. Lee, P.E.

SUBJECT: Final Construction Permit – Kinder Morgan OLP "C"-Tampaplex
Permit No. 0570024-023-AC

Attached is Final Permit No. 0570024-023-AC for construction of a new dust collector at Kinder Morgan's Tampaplex Terminal, a bulk material handling facility, located at 4801 Port Sutton Road, Tampa, Fl 33619. A 2,730 DSCFM Dustex 16 cartridge Square Horizontal Dust Collector will be constructed at the Conveyor Belt No. C93 to Conveyor Belt No. C12 transfer point (EU No. 129).

The material handling and storage operation (EU Nos. 008 and 129) consists of a truck unloading station, three storage silos, and a transfer conveyor system. Material is conveyed from the truck unloading station to three storage silos using Conveyor Belt No. C92 (EU No. 008). When the material is ready for ship loading, it is unloaded from the silos and conveyed to Conveyor Belt No. C12 using Conveyor Belt No. C93 (EU No. 129), and then conveyed to Conveyor Belt Nos. C13 and C14 prior to loading on the ship.

The Draft Permit was issued on May 22, 2012. On May 23, 2012, the facility submitted two comments via email. Listed below are the comments and a response to the comments. The comments will not be restated but are summarized.

Comment No. 1.: On Page 2 of 9, please include the reference to permit 0570024-022-AC.

Response: The reference is included as requested.

Comment No. 2: In Condition No. F.W.5, the potential PM emissions for the Tampaplex and Stevedoring operations appear to be reversed. The Stevedoring emissions should be 129.2 tons and Tampaplex emissions should be 118.9 tons.

Response: The PM emissions that were listed in the condition were reversed in error. The emissions are corrected as follows.

From:
FW5. 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.]

A) Particulate Matter Emissions from the Tampaplex Operation: 129.2 tons
B) Particulate Matter Emissions from the Stevedoring Operation: 118.8 tons

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The facility published the Public Notice in The Times, an edition of the Tampa Bay Times on May 26, 2012. No additional comments were received from the facility or from the public.

Based on our review, we recommend approval of the above referenced permit as drafted.

LAW: 0570024-023-AC

FINAL DETERMINATION

FOR

Kinder Morgan OLP "C"
Tampaplex Facility

Hillsborough County

Construction Permit

Application Number

0570024-023-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

June 11, 2012

FINAL DETERMINATION

The Environmental Protection Commission of Hillsborough County mailed a public notice package on May 22, 2012 that included an Intent to Issue Air Construction Permit No. 0570024-023-AC to Kinder Morgan OLP "C", Tampaplex. The facility is located at 4801 Port Sutton Rd, Tampa, Hillsborough County, FL 33619. The air construction permit authorizes construction of a 2,730 DSCFM Dustex 16 cartridge Square Horizontal Dust Collector at the Conveyor Belt No. C93 to Conveyor Belt No. C12 transfer point (EU No. 129).

The Public Notice of Intent to Issue was published in The Times, an edition of the Tampa Bay Times on May 26, 2012.

COMMENTS/CHANGES

No comments were received from the public. However, on May 23, 2012, the facility submitted two comments via email. Listed below are the comments and a response to the comments. The comments will not be restated but are summarized.

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CONCLUSION

The final action of the Environmental Protection Commission of Hillsborough County is to issue the

permit as drafted.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Rodney Palmer
Director of Operations
Kinder Morgan
5321 Hartford St.
Tampa, Fl 33619

Re: Hillsborough County - AP

Dear Mr. Palmer:

Enclosed is Permit No. 0570024-023-AC to construct a 2,730 DSCFM Dustex 16 cartridge Square Horizontal Dust Collector at the Conveyor Belt No. C93 to Conveyor Belt No. C12 transfer point. This permit is issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Dr, Tampa, FL 33619; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,

_____

Richard D. Garrity, Ph.D.
Executive Director

RDG/LAW/law

cc: Florida Department of Environmental Protection (via email)
David Cibik, P.E. – Malcolm Pirnie, Inc. (via email)
Alice Harman – Kinder Morgan (via email)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on _____ to the listed persons.

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

_____ _____
Clerk Date

PERMITTEE:
Kinder Morgan OLP "C"
5321 Hartford Street
Tampa, FL 33619

PERMIT/CERTIFICATION
Permit No.: 0570024-023-AC
County: Hillsborough
Expiration Date: November 15, 2013
Project: Conveyor C93 to Conveyor C12 Transfer Point

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the EPC and made a part hereof and specifically described as follows:

This permit authorizes the installation of a 2,730 DSCFM Dustex 16 cartridge Square Horizontal Dust Collector at the Conveyor Belt No. C93 to Conveyor Belt No. C12 transfer point (EU No. 129). Kinder Morgan receives dry phosphate rock, animal feed ingredient (AFI), fertilizer products (MAP, DAP, GTSP) and other bulk materials by truck or railcar and stores the material within enclosed storage silos or buildings until transported off site by ship or barge. The products can also be transferred directly to a shiphold from a truck or railcar. In addition, the facility operates a marine vessel (stevedoring) loading and unloading operation of various bulk materials. The following is a more detailed description of the Conveyor Belt No. C93 to Conveyor Belt No. C12 transfer point.

The material handling and storage operation (EU Nos. 008 and 129) consists of a truck unloading station, three storage silos, and a transfer conveyor system. Material is conveyed from the truck unloading station to three storage silos using Conveyor Belt No. C92 (EU No. 008). When the material is ready to be loaded into a ship, it is unloaded from the silos and conveyed to Conveyor Belt No. C12 using Conveyor Belt No. C93 (EU No. 129), and then conveyed to Conveyor Belt Nos. C13 and C14 prior to loading on the ship. Particulate matter emissions generated during the loading of any silo (EU No. 008) is controlled by one existing 3,200 DSCFM Mikro-Pulsaire, Model 49S-8-20, baghouse. Particulate matter emissions from the Conveyor Belt No. C93 to the Conveyor Belt No. C12 transfer point (EU No. 129) will be controlled by a 2,730 DSCFM Dustex 16 cartridge Square Horizontal Dust Collector. Particulate matter emissions from the truck unloading station are controlled through the use of partial enclosures.

Location: Tampaplex - 4801 Port Sutton Rd, Tampa, FL 33619

UTM: 17- 360.10E 3087.5N Facility ID No.: 0570024

Emission Unit No.:
EU No. 129 - Conveyor C93 to Conveyor C12 Transfer Point

References Permit Nos.: 0570024-018-AC and 0570024-022-AC

Replaces Permit No.: N/A

SPECIFIC CONDITIONS:

The following conditions apply facility-wide:

FW1. Not federally Enforceable. 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.]

FW2. Unconfined Particulate Matter. 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 include: [Rule 62-296.320(4)(c)2., F.A.C.]

A) Post and enforce a speed limit of 10 miles per hour
B) Curtail operations during high wind conditions, if necessary
C) Exercise good housekeeping at all times
D) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, and open stock piles, as necessary
E) 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
F) Maintenance of parking areas and yards
G) Landscaping or planting of vegetation
H) Water sprays or other dust suppressant sprays shall be used as necessary to ensure compliance with the 5% opacity standard

FW3. 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(205), F.A.C.]

FW4. 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(205), 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.]

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.

SPECIFIC CONDITIONS:

FW5. 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.]

A) Particulate Matter Emissions from the Tampaplex Operation: 118.8 tons
B) Particulate Matter Emissions from the Stevedoring Operation: 129.2 tons

FW6. In order to ensure compliance with the emission limitations in Specific Condition No. FW5., the following restrictions and limitations shall apply for any consecutive twelve month period: [Rule 62-4.070(3), F.A.C. and Permit No. 0570024-018-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.

FW7. The permittee shall handle only the following materials at the Tampaplex site and at all Stevedoring locations: [Rule 62-4.07(1), F.A.C. and Permit No. 0570024-018-AC]

A)

Group I – Dusty Fertilizers		
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
Group II – Phosphate Rock		
Phosphate Products Rock		
Group III – Minimally Dusty Fertilizers		
Ammonium Nitrate	Sodium Potassium Nitrate	MAP
Calcium Ammonium Nitrate	Compound Fertilizers	DAP
Potassium Nitrate	Dried Sludge	GTSP
Calcium Nitrate	Urea	Kieserite

SPECIFIC CONDITIONS:

Group I V – Millscale		
Millscale		
Group V– Moderately Dusty Non-Fertilizer Products		
Coal	Syngypsum	Clay
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	
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) 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.
C) 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.

FW8. Each dust collector shall have a device capable of monitoring the pressure differential across the dust collector. The monitoring device shall be maintained in working order and shall be calibrated and adjusted to indicate the true value of the pressure drop with sufficient accuracy to allow the pressure

drop to be determined within 10% of its true value. [Rules 62-4.070(3) and 62-297.310(5)(a) and (b), F.A.C.]

FW9. Annual Operating Report. The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year. [Rule 62-210.370(3), F.A.C.]

FW10. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310, F.A.C.]

FW11. 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(7)(b), F.A.C.]

FW12. The permittee shall submit all compliance related notifications and reports required of this permit to the Environmental Protection Commission of Hillsborough County at:

Environmental Protection Commission
Air Management Division
3629 Queen Palm Dr.
Tampa, FL 33619
Telephone: 813/627-2600, Fax: 813/627-2660

FW13. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch
Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155; Fax: 404/562-9163

FW14. Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes

SPECIFIC CONDITIONS:

subject to 112(r), the permittee shall: [40 CFR 68]

A) Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
B) Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

FW15. 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 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.]

FW16. In order to provide reasonable assurance that the dust collector will operate and be maintained to perform adequately the function for which it is intended, an Operation and Maintenance Plan (O & M Plan) shall be submitted with the air operation permit application. The O & M Plan shall include daily, weekly, and monthly maintenance checks for the dust collector. [Rules 62-296.700(6) and 62-4.070(3), F.A.C.]

FW17. A minimum of two copies of a Title V air operating permit application with an O & M Plan shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of the compliance test or at least 90 days prior to the expiration date of this permit, whichever occurs first. [Rules 62-4.050(2) and 62-4.090, F.A.C.]

SPECIFIC CONDITIONS:

Section A. The following specific conditions apply to the following emission units:

EU No.	Description
129	Conveyor C93 to Conveyor C12 Transfer Point

A.1. Capacity. The maximum transfer rate shall not exceed 1,200 tons per hour and 300,000 tons per any 12 consecutive month period. [Rules 62-210.200.247(PTE) and 62-4.070(3), F.A.C.]

A.2. As requested by the permittee, the maximum allowable and potential particulate matter emissions shall not exceed the following per twelve consecutive month period: [Rules 62-4.070(3) and 62-296.711(b), F.A.C.]

EU No.	Flowrate of the dust collector (DSCFM)	Hours of Operation	Allowable Emissions	Potential Emissions (Tons)
129	2,730	2,500	0.03 gr/dscf	0.9

A.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 2,500 hours/year. [Rules 62-210.200.247(PTE) and 62-4.070(3), F.A.C.]

A.4. The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from the emission unit, transfer point, or any activity associated with Emission Unit No. 129. [Rule 62-296.711(2)(a), F.A.C. and Ch. 1-3.52.2. of the Rules of the EPCHC]

A.5. In order to demonstrate compliance with the limits of Specific Condition Nos. A.2. and A.4., all dust laden air from the transfer operation shall be vented to the corresponding dust collector, unless the material has been treated with a dust suppressant. [Rule 62-4.070(3), F.A.C.]

A.6. Test Emission Unit No. 129 for visible emissions at the point of highest opacity within 60 days of startup of the dust collector and annually thereafter. Submit two copies of test data to the Air Management Division of the Environmental Protection Commission of Hillsborough County within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. [Rule 62-297.310(7)(a)4., F.A.C.]

A.7. Compliance with the emission limitations of Specific Condition No. A.2. and A.4. shall be determined using EPA Methods 1, 2, 4, 5, and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The EPA Method 9 test interval 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. [Rule 62-297.310(4)(a)2., 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 maximum handling rate of 1,200 tons/hour. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is

SPECIFIC CONDITIONS:

allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the pressure drop, the throughput rate and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(2), F.A.C.]

A.9. In order to demonstrate compliance with Specific Condition Nos. FW7., A.1., A.2., and A.3., 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 62-4.070(3) and 62-213.440(1)(b)2.b., F.A.C.]

A) Day, Month, Year
B) Hours of operation of the emission unit
C) Amount and type of material transferred from Conveyor C93 to Conveyor C12 (tons)
D) Rolling twelve month total of B) and C) above

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director