PERMITTEE

Kinder Morgan Port Manatee Terminal, LLC
1500 Greenleaf Street
Charleston, SC 29405

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Management
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637-7600

PROJECT

Air Permit Nos. 0810004-017-AO and 0810004-018-AC
(Also Incorporates Project No. 0810089-007-AO)
Minor Air Construction and Operation Permits
Port Manatee Terminal

Kinder Morgan Port Manatee Terminal, LLC proposes the modification and operation of a dry bulk materials handling and storage facility. The modifications and operations are as follows:

- Emission Unit No. 012 – Ship Unloading Salt to Trucks and Emission Unit No. 013 – Ship Unloading Salt to Storage authorized in Construction Permit No. 0810004-016-AC are incorporated into Operation Permit No. 0180004-015-AO by Operation Permit No. 0810004-017-AO.
- The renewed operation of Emission Unit No. 001 – Bulk Materials Unloading Stevedoring Operation in Air Operation Permit No. 0810089-006-AO and assigned DEP Permit Processing No. 0810089-007-AO by Operation Permit No. 0810004-017-AO.
- Incorporate Emission Unit No. 001 on Air Permit No. 0810089-006-AO into Emission Unit No. 012 on Air Operation Permit No. 0810004-015-AO by Operation Permit No. 0810004-017-AO.
- Increase the maximum amount of salt received by Emission Unit No. 012 from 250,000 tons per any consecutive 12-month period (150,000 tons from Facility ID No. 0810004 + 100,000 tons from previous Facility ID No. 0810089) **to** 290,000 tons per any consecutive 12-month period provided this maximum value shall be correspondingly reduced by the same amount of salt received by Emission Unit No. 013 per Construction Permit No. 0810004-018-AC.
- Increase the amount of salt received by Emission Unit No. 013 from 150,000 tons per any consecutive 12-month period to 190,000 tons per any consecutive 12-month period by Construction Permit 0810004-018-AC.
- Allow material associated with Emission Unit No. 012 to be also unloaded from marine vessels by belted self unloading equipment, instead of by only clamshells, along with the option to use a double hopper, a single hopper, or two (2) single hoppers by Air Operation Permit No. 0810004-017-AO.

- Allow salt associated with Emission Unit No. 013 to be also unloaded from marine vessels by belted self unloading equipment, instead of only by clamshells by Air Operation Permit No. 0810004-017-AO.
- Delete the phosphate product throughput limitations for Warehouse Nos. 2 and 4 along with the associated recordkeeping requirements by Construction Permit No. 0810004-018-AC. These requirements, to show the facility was exempt from 40 CFR 60, Subpart X – Standards of Performance for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities are no longer necessary, since the applicability of this regulation was changed on April 15, 1997.
- Allow the portion of the Common Dock Belt No. 7 associated with Emission Unit No. 013 that allows Hopper Nos. 3 and 4 to travel east and west above the belt to not have 180 degree top covers by Construction Permit No. 0810004-018-AC. This change will also change the names of Common Dock Belt No. 7, Conveyor Belt No. 6, Conveyor Belt No. 5, and Incline Belt No. 4 associated with Emission Unit No. 013 to Common Dock Belt No. 7S, Conveyor Belt No. 6S, Conveyor Belt No. 5S, and Incline Belt No. 4S.
- Deleting the requirement that Warehouse No. 3 be fully enclosed when material is being transferred by Construction Permit No. 0810004-018-AC by: 1) Deleting the requirement that the doors associated with Warehouse No. 3 be closed when material is being transferred and 2) Allow Warehouse No. 3 to install passive roof vents (e.g., wind turbines) and inlet fans.
- Allow the operation of a dry bulk material handling and storage facility currently authorized by Air Operation Permit Nos. 0810004-015-AO and 0810089-006-AO by Air Operation Permit 0810004-017-AO.
- Increase the maximum allowable 5,000 hours of operation per any consecutive 12-month period for each baghouse associated with Emission Unit Nos. 001, 002, 003, 005, 005, 006, 007, and 008 on Construction Permit No. 0810004-014-AC to 6,000 hours of operation per any consecutive 12-month period by Construction Permit No. 0810004-018-AC.
- Increase the allowable particulate matter emission rate of each baghouse associated with Emission Unit Nos. 001, 002, 003, 005, 006, 007, and 008 from 0.6 lbs./hr. and 1.5 tons/yr. on Construction Permit No. 0810004-014-AC to 0.7 lbs./hr. and 2.1 tons/yr. by Construction Permit No. 0810004-018-AC.
- Change the amount of salt that the hoppers associated with Emission Unit No. 013 can receive from a combined total of 600 tons/hr. based on daily average for both hoppers to 300 tons/hr. based on a daily average for each hopper.

NOTICE AND PUBLICATION

The Permitting Authority distributed a draft minor air construction and operation permit package on January 25, 2011. The applicant published the Public Notice in The Times on February 12, 2011. The Permitting Authority received the proof of publication on February 23, 2011. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

No comments on the Draft Permits were received from the public or the applicant, however, the Department made the following clarifications and administrative changes:

1. On page 1 of the permit changed the expiration date of the construction permit from 03/30/2010 to 06/30/2011.

2. On page 6 in Table for Emission Unit No. 007 changed "…., which located on…" to "…., which is located on …".

3. On pages 6 and 10 in the Table for Emission Unit No. 009 changed " Ship's East Hold, …" to "Ship's Hold, …".

4. On pages 6 and 10 in the Table for Emission Unit No. 010 changed "Ship's West Hold , …" to "Ship's Hold, …".

5. On page 6 the fourth Permitting Note was deleted, since it was a duplicate of the first Permitting Note.

6. Changed Specific Condition No. A.14:

   FROM: Compliance Tests: Test each baghouse (Nos. 1, 2, 3, 5, 6, 7, and 8), the ship's east hold, and the ship's west hold for visible emissions annually during each federal fiscal year (October 1 – September 30). The ship's east hold shall be tested while receiving material from the east shiploader (gantry) and ship's west hold shall be tested while receiving material from the west shiploader (gantry).
   {Permitting Note: If the ship's hold baghouses are used they are not required to conduct routine scheduled testing.}
   [Rules 62-297.310(7) and 62-4.070(3), F.A.C.]

   TO: Compliance Tests: Test each baghouse (Nos. 1, 2, 3, 5, 6, 7, and 8), the ship's hold(s) for visible emissions annually during each federal fiscal year (October 1 – September 30). A ship's hold shall be tested while receiving material from the east shiploader (gantry) and a ship's hold shall be tested while receiving material from the west shiploader (gantry).
   {Permitting Note: If the ship's hold baghouses are used they are not required to conduct routine scheduled testing.}
   [Rules 62-297.310(7) and 62-4.070(3), F.A.C.]

7. Deleted Specific Condition Nos. B.12.c., d., and e., since the information requested can be determined from Specific Condition Nos. B.12.f., g., i., j., and k. Then, re-numbered Specific Condition No. B.12., appropriately.

8. Deleted Specific Condition No. B.13.e., which states: "The actual material truck loading during the test period as determined per Specific Condition No. B.10." This condition was deleted, since the truck loading rate is considered a constant 20 tons/hr. as explained in Specific Condition No. B.10.

9. On page 31 in the table deleted the words "which is fully enclosed" at the end of the paragraph, since the second item of the Permitting Notes on page 6 explains Warehouse No. 1 is enclosed to the maximum extent possible while allowing access for operational equipment and maintenance functions.

CONCLUSION

In conclusion, the changes that have been made are insignificant in nature and do not impose additional public noticing requirements. The permitting authority hereby issues the FINAL Permit, with the changes noted above.