



## Commonwealth of Virginia

Registration No: 60997 AFS Plant ID: 700-00074  
Plant Name: Dominion Terminal Associates Classification: Synthetic Minor  
Address: Pier 11 Harbor Road Region: TRO

**AIR INSPECTION REPORT**

Inspection Date: 08/24/04 Contact Name: Dan Wagoner  
Type: FCE With Site Visit Contact Phone No: (757)245-2275  
Inspector: Daniel B Gaidos  
Inspection Result: In Compliance  
Reason: Complete FCE (Full Compliance Evaluation)

<u>Air Program</u>	<u>Subpart</u>
NSPS	Y
SIP	

**\*\*Additional Information is Attached\*\*****Inspector Comments:**

This inspection was conducted to observe the railcar dumper in operation as well as the surge silo. The coal was also being stacked out in the yard during the inspection. No visible emissions were detected while observing the stacking and transport of coal from the dumper to the silo and out to the stacker/reclaimer. Silo #1 did not have visible emissions, however, the baghouse was not in operation during the initial inspection. The coal was still being transferred to the silo and out to the stacker/reclaimers. The facility was given a Request for Corrective Action (RCA) for not operating the baghouse during the transfer of coal to and from silo #1. However, before finishing the inspection, the facility staff had corrected the problem and formally responded to the RCA. According to the facility staff, a fuse had blown causing the baghouse fan to go offline. An email was sent to DEQ on the same day as the inspection to formally document the corrective action. Records were provided during the inspection for the baghouse maintenance for the past year. No maintenance issues were identified that could result in poor routine operation of the control device. Since the unit was brought back into compliance during the inspection and no outstanding maintenance issues were noted, the facility is deemed in compliance.

Inspector's Electronic Signature

Approval Date: Aug 31, 2004

Manager's Electronic Signature

Approval Date: 8/31/04





Commonwealth of Virginia

Registration No: 60997 AFS Plant ID: 700-00074

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INSPECTION CHECKLIST

Permit Date	#	Requirement Narrative	Observation	Comp Status
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12-23-02	3	Particulate (coal/petroleum coke dust) emissions from the enclosed rotary rail car dumper shall be controlled by wet suppression, which shall include the use of a surfactant. The surfactant to water ratio shall be in accordance with the manufacturer's recommendations. The minimum amount of water applied shall be 130 gallons per tandem dump. Compliance shall be achieved if there are no visible emissions.	The dumper uses wet suppression inside a building to control fugitive dust. During the dumping no visible emissions were detected outside the building. The spray system appeared to be in good condition and it was covering the entire railcar during the dump.	In Comp
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12-23-02	14	Particulate (coal/coke/synfuel dust) emissions from each surge silo shall be controlled by a fabric filter. The fabric filters shall be provided with adequate access for inspection.	The conveyor from the dumper In Comp to the Silo #1 was in operation during the inspection. The baghouse had blown a fuse which ran to the baghouse fan. An RCA inspection to correct the problem, however, before the inspection was finished the baghouse was returned into operation. The baghouse was then observed in operation with no visible emissions and a differential pressure of 1.2 inches of water. The unit was returned back into compliance with this condition during the inspection. The facility sent an email to DEQ identifying the corrective action taken in response to the RCA.	In Comp
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12-23-02	15	The fabric filter for the surge silo shall be equipped with devices to continuously measure the differential pressure drop across the fabric filter. Each monitoring device shall be installed in a readily accessible location and	The baghouse for Silo #1 was observed in operation with no visible emissions and a differential pressure of 1.2 inches of water.	In Comp
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## INSPECTION CHECKLIST

Permit Date or Basis	#	Requirement Narrative	Observation	Comp Status
		shall be maintained by the permittee such that they are in proper working order at all times. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the fabric filter is operating.		
12-23-02	22	Visible emissions from the fabric filter shall not exceed 0 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).	No visible emissions were detected from the baghouse or silo #1 while the baghouse was in operation and when it was not in operation during the inspection.	In Comp
12-23-02	29	<p>The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:</p> <p>a. Annual throughput of coal/petroleum coke/synfuel (combined) for the ship/barge loading apparatus, calculated monthly as the sum of each consecutive 12 month period.</p> <p>b. Annual throughput of synfuel production, calculated monthly as the sum of each consecutive 12 month period.</p> <p>c. Maximum daily quantity of coal/petroleum coke/synfuel (combined) in storage.</p> <p>d. Records of dust control measures as required by Appendix A.</p> <p>These records shall be available for inspection by the DEQ and shall be current for the most recent five years.</p>	All records requested during the inspection were provided. Maintenance and training records, which included date, type of training, and name of the trainee, were reviewed during the inspection. No recordkeeping or maintenance issues were observed while reviewing these records.	In Comp

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VIRGINIA DE RTM T

ENVIRONMENTAL QUALITY

Commonwealth of Virginia

Registration No: 60997 AFS Plant ID: 700-00074

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#### AIR INSPECTION REPORT

Inspection Date: 08/24/04 Contact Name: Dan Wagoner

Type: FCE With Site Visit Contact Phone No: (757)245-2275

Inspector: Daniel B Gaidos Air Progr Subpart

Inspection Result: In Compliance NSPS y

SIP

Reason:

Complete FCE (Full Compliance Evaluation)

"Additional information is Attached\*\*

Inspector Comments:

This inspection was conducted to observe the railcar dumper in operation as well as the

surge silo. The coal was also being stacked out in the yard during the inspection. No

visible emissions were detected while observing the stacking and transport of coal from the

dumper to the silo and out to the stacker/reclaimer. Silo #1 did not have visible emissions,

however, the baghouse was not in operation during the initial inspection. The coal was still

being transferred to the silo and out to the stacker/reclaimers. The facility was given a

Request for Corrective Action (RCA) for not operating the baghouse during the transfer of coal

to and from silo #1. However, before finishing the inspection, the facility staff had

corrected the problem and formally responded to the RCA. According to the facility staff, a

fuse had blown causing the baghouse fan to go offline. An email was sent to DEQ on the same

day as the inspection to formally document the corrective action. Records were provided

during the inspection for the baghouse maintenance for the past year. No maintenance issues

were identified that could result in poor routine operation of the control device. Since the

unit was brought back into compliance during the inspection and no outstanding maintenance

issues were noted, the facility is deemed in compliance.

f@c HC

Inspector's Electronic Signature Managerlts--@Electronic Signature  
Approval Date: Aug 31, 2004 Approval Date:

VIRGINIA DEPARTMENT OF  
ENVIRONMENTAL QUALITY

Commonwealth of Virginia

Registration No: 60997 AFS Plant ID: 700-00074

Plant Name: Dominion Terminal Associates Classification: Synthetic Minor

Address: Pier 11 Harbor Road Region: TRO

INSPECTION CHECKLIST

Permit Date Requirement Narrative observation Comp  
or Basis Status

12-23-02 3 Particulate (coal/petroleum coke The dumper uses wet In Comp  
dust) emissions from the enclosed suppression inside a  
rotary rail car dumper shall be building to control fugitive  
controlled by wet suppression, which dust. During the dumping no  
shall include the use of a visible emissions were  
surfactant. The surfactant to water detected outside the  
ratio shall be in accordance with building. The spray system  
the manufacturer's recommendations. appeared to be in good  
The minimum amount of water applied condition and it was  
shall be 130 gallons per tandem covering the entire railcar  
dump. Compliance shall be achieved during the dump.  
if there are no visible emissions.

12-23-02 14 Particulate (coal/coke/synfuel dust) The conveyor from the dumper  
In Comp  
emissions from each surge silo shall to the Silo #1 was in  
be controlled by a fabric filter. operation during the  
The fabric filters shall be provided inspection. The baghouse

with adequate access for inspection. which controls the dust from the silo was not in operation. No visible emissions were observed from the coal handling into the silo. According to the facility staff, the baghouse had blown a fuse which ran to the baghouse fan. An RCA was written during the inspection to correct the problem, however, before the inspection was finished the baghouse was returned into operation. The baghouse was then observed in operation with no visible emissions and a differential pressure of 1.2 inches of water. The unit was returned back into compliance with this condition during the inspection. The facility sent an email to DEQ identifying the corrective action taken in response to the RCA.

12 -2 3 -02 15 The fabric filter for the surge silo The baghouse for Silo #1 w as In Comp

shall be equipped with devices to observed in operation with continuously measure the no visible emissions and a differential pressure drop across differential pressure of 1.2 the fabric filter. Each monitoring inches of water. device sha.' be installed in a



readily ac(- .,sible location and

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VIRGINIA DE RTME  
ENVIRONME L QUALM

Conunonwealth of Virginia

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#### INSPECTION CHECKLIST

Permit Date Requirement Narrative Observation Camp  
or Basis Status

shall be maintained by the permittee  
such that they are in proper working  
order at all times. Each monitoring  
device shall be provided with  
adequate access for inspection and  
shall be in operation when the  
fabric filter is operating.

12 -2 3 -02 22 Visible emissions from the fabric No visible emissions were In  
Comp  
filter shall not exceed 0 percent detected from the baghouse  
opacity as determined by the EPA or silo #1 while the  
Method 9 (reference 40 CFR 60, baghouse was in operation  
Appendix A). and when it was not in  
operation during the  
inspection.

12 -23 - 02 29 The permittee shall maintain records All records requested duri  
ng In Comp  
of emission data and operating the inspection were  
parameters as necessary to provided. Maintenance and  
demonstrate compliance with this training records, which  
permit. The content and format of included date, type of  
such records shall be arranged with training, and name of the  
the Director, Tidewater Regional trainee, were reviewed  
Office. These records shall during the inspection. No  
include, but are not limited to: recordkeeping or maintenance  
a. Annual throughput of issues were observed while  
coal/petroleum coke/synfuel reviewing these records.  
(combined) for the ship/barge  
loading apparatus, calculated  
monthly as the sum of each  
consecutive 12 month period.

b. Annual throughput of synfuel  
production, calculated monthly as  
the sum of each consecutive 12 month  
period.

c. Maximum daily quantity of  
coal/petroleum coke/synfuel  
(combined) in storage.

d. Records of dust control measures  
as required by Appendix A.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.