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## 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: 08/20/04 Contact Name: Dan Wagoner  
Type: PCE Without Site Visit Contact Phone No: (757) 245-2275  
Inspector: Daniel B Gaidos  
Inspection Result: In Compliance  
Reason: Conduct PCE Not Otherwise Classified

Air Program	Subpart
NSPS	Y
SIP	

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

Dominion Terminal Associates currently has a December 2002 permit to operate a coal storage and petroleum storage and export facility in Newport News. Coal and petroleum coke material is transported to the facility by rail cars. The rail cars are unloaded and the material is transported to a surge silo. From there the material is placed into areas in the facility by a stacker/reclaimer. The material from the stacker/reclaimer is transported by conveyors to two storage silos. Once filled the material is transport by conveyors to the pier where the material is unloaded into a cargo ship or barge. The facility is equipped with an automatic rainbird computer program (or K Factor system), which was implemented by Simpson Weather Service consulting/research firm to control fugitive coal dust. This computerized system considers weather conditions such as temperature, wind speed, wind direction, and humidity to determine the number of cycles required to adequately control fugitive emissions. The system calculates the need for additional rainbird cycles from the normal quality assurance cycles based on the current weather conditions. All of the air emission points were in operation and observed during the inspection except for the dumper and silo number 1.

Dominion Terminal Associates operates, maintains, supplies, and retrieves filters from a PM 10 monitor located approximately 200 feet across from the facility on the top of the Newport News Housing Authority Maintenance building. This monitor runs synonymously with the other PM 10 monitors located throughout the region. The monitoring results are submitted to DEQ-TRO on a quarterly basis for review.

Inspector's Electronic Signature

Approval Date: Aug 26, 2004

Manager's Electronic Signature

Approval Date: 8/31/04





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INSPECTION CHECKLIST

Permit Date	#	Requirement Narrative	Observation	Comp	Status
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12-23-02	4	Particulate (coal/petroleum coke dust) emissions from the transfer points and stacker/reclaimers shall be controlled by wet suppression as necessary and by wet suppression with surfactant as necessary. Continuous wetting is not mandatory.	During the inspection the rainbird water coverage included the transfer points and stacker/reclaimers. No visible emissions were detected during the inspection.	In Comp	
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12-23-02	5	Particulate (coal/petroleum coke dust) emissions from the conveyor system shall be controlled by conveyor hoods and wind guards installed. No visible emissions were detected from the conveyors during the inspection.	The conveyor system has conveyor hoods and wind guards installed. No visible emissions were detected from the conveyors during the inspection.	In Comp	
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12-23-02	6	Particulate (coal and synfuel dust) emissions, associated with the synfuel operations, from the conveyor belt system shall be controlled by enclosed conveyors and transfer points (also may include the use of building enclosures, where possible) and by wet suppression as necessary.	The synfuel plant has not been constructed.	In Comp	
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12-23-02	7	Particulate (coal and synfuel dust) emissions, associated with the synfuel operations, from the storage bins and pugmills shall be controlled by wet suppression as necessary.	The synfuel plant has not been constructed.	In Comp	
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12-23-02	8	Particulate (coal and synfuel dust) emissions, associated with the synfuel operations, from the crushers, screens, spreaders, and briquette makers shall be controlled by enclosing such operations within buildings and by wet suppression as necessary.	The synfuel plant has not been constructed.	In Comp	
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12-23-02	9	Fugitive coal/petroleum coke/synfuel dust emissions from the storage piles shall be controlled by a wet suppression system capable of wetting the entire coal and petroleum coke storage area. Wet suppression cycles shall be implemented in accordance with Appendix A. Each cycle shall consist of less than 35,500 gallons of water to the storage piles. The facility. One cycle applies located throughout the cycles the 80 rainbirds system. The K-Factor controlled by the K-Factor the storage piles is the fugitive emissions from In Comp	The fugitive emissions from the storage piles is controlled by the K-Factor system. The K-Factor cycles the 80 rainbirds located throughout the facility. One cycle applies 36,000 gallons of water to the storage piles. The cycle w in progress during	In Comp	
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		gallons of water and attain 100 percent coverage of the coal and petroleum coke storage area. The wet suppression system shall be provided with adequate access for inspection.	the inspection and it appeared to cover the storage piles completely.	
12-23-02	10	All coal/petroleum coke/synfuel storage piles shall be truncated, stacker/reclaimers used to build flat top piles, and the top compacted to minimize fugitive emissions.	Storage piles were truncated and had flat top piles.	In Comp
12-23-02	11	The permittee shall apply wet suppression as necessary to all incoming loaded coal and petroleum coke trains located within facility boundaries if they are not to be dumped within 24 hours.	The facility is equipped with a wet suppression sprayer. All incoming rail cars are sprayed upon entering the facility. No visible emissions were detected from the coal cars during the inspection.	In Comp
12-23-02	12	When the permittee is using a piece of auxiliary coal/petroleum coke/synfuel handling equipment (e.g., front end loader, bulldozer), the area to be worked shall be monitored and wet suppression shall be applied as necessary to control emissions.	Water is applied to all areas where handling equipment is being used. During the inspection several pieces of equipment was observed in operation with no visible emissions.	In Comp
12-23-02	13	When the permittee is using a particular piece of coal/coke/synfuel handling equipment (e.g., a dumper, a conveyor, etc.), it shall utilize the wet suppression controls for that piece of equipment unless the use of such equipment would cause a safety hazard or damage to the equipment from freezing.	Wet suppression was being used during the inspection while handling equipment was operating. No visible emissions were detected.	In Comp
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.	Each silo does have a fabric filter installed. The two silos which store coal for loading of barges/ships read a differential pressure of 1.1 (SS2) and 0.2 (SS3) inches of water. The silo for the rail dumper was not in operation during the	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 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.	In Comp
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12-23-02	16	The wet suppression system for the coal/petroleum coke/synfuel storage piles shall be implemented as specified in Appendix A or by any other procedure as may be approved by the DEQ prior to use. Such approval shall be contingent on adequate documentation that any alternative procedure shall achieve at least as high an efficiency as Appendix A. This applies to all other dust control measures required by this permit. Requests for changes in procedures shall be accompanied by an explanation of the proposed changes and the anticipated effect they shall have. These requests, if approved by the DEQ, shall be subject to a test and evaluation procedure prior to being accepted as permanent changes to the control procedures.	In Comp
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12-23-02	17	On a daily average, the maximum quantity of coal, petroleum coke, and synfuel (combined) in storage shall not exceed 1,400,000 tons.	In Comp
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12-23-02	18	The coal/petroleum coke/synfuel (combined) throughput for the ship/barge loading apparatus shall not exceed 7,000,000 tons per year, calculated monthly as the sum of	In Comp
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Permit Date or Basis	#	Requirement Narrative	Observation	Comp Status
		each consecutive 12-month period.		
12-23-02	19	The synfuel operations (plant #1 & 2, combined) throughput shall not exceed 12,264,000 tons per year, calculated monthly as the sum of each consecutive 12-month period.	The synfuel plant has not been constructed.	In Comp
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 Silo #2 or #3 baghouse during the inspection.	In Comp
12-23-02	23	Visible emissions from the conveyor belt transfer points shall not exceed 5 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).	No visible emissions were detected from the conveyor system during the inspection.	In Comp
12-23-02	24	Visible emissions from each building containing the coal crusher/screen operations, briquette makers, or synfuel screen operations shall not exceed 5 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).	The synfuel plant has not been constructed.	In Comp
12-23-02	25	Visible emissions from each storage bin and pugmill, associated with the synfuel productions, shall not exceed 5 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).	The synfuel plant has not been constructed.	In Comp
12-23-02	26	It is the intent of the control techniques and work practices contained in this permit to optimize particulate control from all emission points and to prevent visible particulate emissions throughout the facility. The permittee shall operate the facility, at all times, in accordance with the best known control strategies and work practices as prescribed in this permit to achieve the objective of no visible emissions. Where it is specified that water and/or	No visible emissions were detected during the inspection. The coal being handled during the inspection appeared to be moist. No problems with the wet suppression system was observed during its operation.	In Comp





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surfactant is to be applied "as necessary", the permittee will apply water at any indication of visible emissions. The following measures shall be implemented:

a. If emissions persist, surfactant will be added.

b. If emissions continue, the handling operations causing the emissions will be stopped.

c. At the first sign of dust emissions from the coal/petroleum coke/synfuel storage piles, additional wet suppression will be applied; and if emissions continue, sealant will be applied.

Monthly periodic visual evaluations and inspections of the methodology to control dust shall be conducted on all emission points. The details of the evaluations and inspections shall be arranged with the Director, Tidewater Regional Office.

12-23-02 29 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:

- 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.
- 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



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		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.		
12-23-02	36	<p>During each shift, one designated person shall be responsible for compliance with the procedures of Appendix A. Actions required in support of these procedures shall take precedence over routine coal and petroleum coke handling procedures. The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to air pollution control equipment, monitoring devices, and process equipment which affect such emissions:</p> <p>a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.</p> <p>b. Maintain an inventory of spare parts.</p> <p>c. Have available written operating procedures for equipment.</p> <p>d. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.</p> <p>Records of maintenance and training shall be maintained on site for a period of 5 years and shall be made available to DEQ personnel upon request.</p>	<p>The facility has a maintenance schedule based out of the computer program called Maximo. All scheduled and unscheduled maintenance is done from it. Training records of the employees were also provided for review. The training consisted of familiarizing employees about air pollution issues and how to operate the facility to control and prevent air pollution problems.</p>	In Comp



ProControl (Coal Emit) Daily Report

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THIS REPORT FOR: 08/20/2004

Hour	K	KD	Ci	SYM	RBC	IR	HRS	SUMIR	FR	FRF	KT	HVI	sumHVI	HVT	TEMP	RH	WD	WDSP	#Cc	sumHVIC	pump
1	12.24	12.24	1	1	1	0.00	0.0	0.000	1.00	1.00	293.66	4.57	4.57	83.20	77.4	85.0	211	13.8	1.0	4.57	33.50
2	13.16	13.16	1	A	2	0.00	0.0	0.000	1.00	1.00	314.81	4.13	8.70	72.18	77.6	87.4	217	15.3	2.0	8.70	33.50
3	12.19	12.19	0		2	0.00	0.0	0.000	1.00	1.00	293.56	7.86	12.43	71.11	77.1	87.8	219	14.3	2.0	12.43	0.00
4	12.41	12.41	1	1	3	0.00	0.0	0.000	1.00	1.00	298.11	3.20	15.63	61.97	76.6	88.5	220	14.7	3.0	15.63	32.92
5	12.77	12.77	0		3	0.00	0.0	0.000	1.00	1.00	305.37	6.53	18.96	62.99	76.0	89.1	220	15.3	3.0	18.96	0.00
6	11.63	11.63	1	A	4	0.00	0.0	0.000	1.00	1.00	283.75	2.48	21.44	55.01	75.6	89.3	218	14.0	4.0	21.44	33.50
7	10.94	10.94	0		4	0.00	0.0	0.000	1.00	1.00	271.32	4.76	23.71	54.62	74.6	88.8	214	13.3	4.0	23.71	0.00
8	8.13	8.13	1	A	5	0.00	0.0	0.000	1.00	1.00	223.52	1.30	25.01	45.80	75.5	88.4	215	9.7	5.0	25.01	33.33
9	7.10	7.10	0		5	0.00	0.0	0.000	1.00	1.00	207.07	2.33	26.04	44.39	75.8	84.7	209	8.1	5.0	26.04	0.00
10	8.65	8.65	0		5	0.00	0.0	0.000	1.00	1.00	230.38	3.88	27.59	47.14	77.9	80.1	220	9.2	5.0	27.59	0.00
11	11.18	11.18	1	A	6	0.00	0.0	0.000	1.00	1.00	265.73	1.48	29.07	44.78	80.0	74.2	220	10.8	6.0	29.07	33.33

Total emission for 04 : 1442.48

Percent Efficiency : 44.7219



\*\*\*OCR\*\*\*

The following pages contain the Optical Character Recognition text of the preceding scanned images.



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VIRGINIA DE  
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Address: Pier 11 Harbor Road Region: TRO

#### AIR INSPECTION REPORT

inspection Date: 08/20/04 Contact Name: Dan Wagoner

Type: PCE Without Site Visit Contact Phone No: (757)245-2275

Inspector: Daniel B Gaidos Air Progr Subpart

inspection Result: In Compliance NSPS y

SIP

Reason:

Conduct PCE Not Otherwise Classified

**\*\*Additional Information is Attached\*\***

Inspector Comments:

Dominion Terminal Associates currently has a December 2002 permit to operate a coal

storage and petroleum storage and export facility in Newport News. Coal and petroleum coke

material is transported to the facility by rail cars. The rail cars are unloaded and the

material is transported to a surge silo. From there the material is placed in to areas in the

facility by a stacker/reclaimer. The material from the stacker/reclaimer is transported by

conveyors to two storage silos. Once filled the material is transported by conveyors to the

pier where the material is unloaded into a cargo ship or barge. The facility is equipped with



an automatic rainbird computer program (or K Factor system), which was implemented by Simpson

Weather Service consulting/research firm to control fugitive coal dust. This computerized

system considers weather conditions such as temperature, wind speed, wind direction, and

humidity to determine the number of cycles required to adequately control fugitive emissions.

The system calculates the need for additional rainbird cycles from the normal quality

assurance cycles based on the current weather conditions. All of the air emission points were

in operation and observed during the inspection except for the dumper and silo number 1.

Dominion Terminal Associates operates, maintains, supplies, and retrieves filters from a

PM 10 monitor located approximately 200 feet across from the facility on the top of the

Newport News Housing Authority Maintenance building. This monitor runs synonymously with the

other PM 10 monitors located throughout the region. The monitoring results are submitted to

DEQ-TRO on a quarterly basis for review.

JI 'Jill

Inspector's Electronic Signature Managerjls Electronic Signature  
Approval Date: Aug 26, 2004 Approval Date: P/ - 3/ X-- ) @



VIRGINIA DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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#### INSPECTION CHECKLIST

Permit Date Requirement Narrative Observation Camp  
or Basis Status

12-23-02 4 Particulate (coal/petroleum coke During the inspection the In Comp  
dust) emissions from the transfer rainbird water coverage  
points and stacker/reclaimers shall included the transfer points  
be controlled by wet suppression as and stacker/reclaimers. No  
necessary and by wet suppression visible emissions were  
with surfactant as necessary. detected during the  
Continuous wetting is not mandatory. inspection.

12-23-02 5 Particulate (coal/petroleum coke The conveyor system has In Comp  
dust) emissions from the conveyor conveyor hoods and wind  
system shall be controlled by guards installed. No  
conveyor hoods and wind guards. visible emissions were  
Ground level reclaim conveyor belts detected from the conveyors  
shall be controlled by wet during the inspection.  
suppression as necessary.

12-23-02 6 Particulate (coal and synfuel dust) The synfuel plant has not In Co  
mp  
emissions, associated with the been constructed.

synfuel operations, from the conveyor belt system shall be controlled by enclosed conveyors and transfer points (also may include the use of building enclosures, where possible) and by wet suppression as necessary.

12-23-02 7 Particulate (coal and synfuel dust) The synfuel plant has not In Comp emissions, associated with the been constructed. synfuel operations, from the storage bins and pugmills shall be controlled by by wet suppression as necessary.

12-23-02 8 Particulate (coal and synfuel dust) The synfuel plant has not In Comp emissions, associated with the been constructed. synfuel operations, from the crushers, screens, spreaders, and briquette makers shall be controlled by enclosing such operations within buildings and by wet suppression as necessary.

12 -23 - 02 9 Fugitive coal/petroleum coke/synfuel The fugitive emissions from In Comp dust emissions from the storage the storage piles is piles shall be controlled by a wet controlled by the K-Factor suppression system capable of system. The K-Factor system wetting the entire coal and cycles the 80 rainbirds petroleum coke storage area. Wet located throughout the suppression cycles shall be facility. One cycle applies implemented in accordance with 36,000 gallons of water to Appendix A. Each cycle shall the sto- ge piles. The



consist of less than 35,500 cycle -v% in progress during

ENVIRONMENTAL QUALITY  
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gallons of water and attain 100 the inspection and it  
percent coverage of the coal and appeared to cover the  
petroleum coke storage area. The storage piles completely.  
wet suppression system shall be  
provided with adequate access for  
inspection.

12-23-02 10 All coal/petroleum coke/synfuel Storage piles were truncated In Co  
mp  
storage piles shall be truncated, and had flat top piles.  
stacker/reclaimers used to build  
flat top piles, and the top  
compacted to minimize fugitive  
emissions.

12-23-02 11 The permittee shall apply wet The facility is equipped In Comp  
suppression as necessary to all with a wet suppression  
incoming loaded coal and petroleum sprayer. All incoming rail  
coke trains located within facility cars are sprayed upon  
boundaries if they are not to be entering the facility. No  
dumped within 24 hours. visible emissions were  
detected from the coal cars  
during the inspection.

12-23-02 12 When the permittee is using a piece Water is applied to all In Com  
p  
of auxiliary coal/petroleum areas were an handling  
coke/synfuel handling equipment equipment is being used.  
(e.g., front end loader, bulldozer), During the inspection  
the area to be worked shall be several pieces of equipment  
monitored and wet suppression shall was observed in operation  
be applied as necessary to control with no visible emissions.  
emissions.

12-23-02 13 When the permittee is using a Wet suppression was being In Comp  
particular piece of used during the inspection  
coal/coke/synfuel handling equipment while handling equipment was  
(e.g., a dumper, a conveyor, etc.), operating. No visible  
it shall utilize the wet suppression emissions were detected.  
controls for that piece of equipment  
unless the use of such equipment  
would cause a safety hazard or  
damage to the equipment from  
freezing.

12-23-02 14 Particulate (coal/coke/synfuel dust) Each silo does have a fabric  
In Comp  
emissions from each surge silo shall filter installed. The two  
be controlled by a fabric filter. silos which store coal for



The fabric filters shall be provided loading of barges/ships read with adequate access for inspection. a differential pressure of 1.1 (SS2) and 0.2 (SS3) inches of water. The silo for the rail dumper was not in operation during the

VIRGINIA DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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inspection.

12 -2 3 - 02 15 The fabric filter for the surge silo Each silo does have a In  
Comp

shall be equipped with devices to differential pressure gauge  
continuously measure the installed. The two silos  
differential pressure drop across which store coal for loading  
the fabric filter. Each monitoring of barges/ships read a  
device shall be installed in a differential pressure of 1.1  
readily accessible location and (SS2) and 0.2 (SS3) inches  
shall be maintained by the permittee of water. The silo for the  
such that they are in proper working rail dumper was not in  
order at all times. Each monitoring operation during the  
device shall be provided with inspection.  
adequate access for inspection and  
shall be in operation when the



fabric filter is operating.

12-23-02 16 The wet suppression system for the The wet suppression system In C  
omp

coal/petroleum coke/synfuel storage seemed to be in good  
piles shall be implemented as operating condition during  
specified in Appendix A or by any the inspection and rainbird  
other procedure as may be approved cycle. Five out of eighty  
by the DEQ prior to use. Such rainbirds were in operationg  
approval shall be contingent on during the inspection. No  
adequate documentation that any visible emissions were  
alternative procedure shall achieve detected during the  
at least as high an efficiency as inspection.

Appendix A. This applies to all  
other dust control measures required  
by this permit. Requests for  
changes in procedures shall be  
accompanied by an explanation of the  
proposed'changes and the anticipated  
effect they shall have. These  
requests, if approved by the DEQ,  
shall be subject to a test and  
evaluation procedure prior to being  
accepted as permanent changes to the  
control procedures.

12-23-02 17 on a daily average, the maximum The highest average of coal In Com  
p

quantity of coal, petroleum coke, on the ground during the  
and synfuel (combined) in storage past 12 months was  
shall not exceed 1,400,000 tons. 471,184.81 tons.

12-23-02 18 The coal/petroleum coke/synfuel The throughput of In Comp  
(combined) throughput for the coal/petroleum coke/synfuel  
ship/barge loading apparatus shall was 5,865,120.82 tons within  
not exceed 000,000 tons per year, the pas 1-2 month period.

calculated thly as the sum of

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each consecutive 12-month period.

12-23-02 19 The synfuel operations (plant #1 & The synfuel plant has not In Comp  
2, combined) throughput shall not been constructed.  
exceed 12,264,000 tons per year,  
calculated monthly as the sum of  
each consecutive 12-month period.

12-23-02 22 Visible emissions from the fabric No visible emissions were In Comp  
filter shall not exceed 0 percent detected from the Silo #2 or  
opacity as determined by the EPA #3 baghouse during the  
Method 9 (reference 40 CFR 60, inspection.  
Appendix A).

12-23-02 23 Visible emissions from the conveyor No visible emissions were In Comp  
belt transfer points shall not detected from the conveyor  
exceed 5 percent opacity as system during the  
determined by the EPA Method 9 inspection.  
(reference 40 CFR 60, Appendix A).

12-23-02 24 Visible emissions from each building The synfuel plant has not In Comp  
containing the coal crusher/screen been constructed.  
operations, briquette makers, or  
synfuel screen operations shall not  
exceed 5 percent opacity as  
determined by the EPA Method 9  
(reference 40 CFR 60, Appendix A).

12-23-02 25 Visible emissions from each storage The synfuel plant has not In Comp  
bin and pugmill, associated with the been constructed.  
synfuel productions, shall not  
exceed 5 percent opacity as  
determined by the EPA Method 9  
(reference 40 CFR 60, Appendix A).

12-23-02 26 It is the intent of the control No visible emissions were In Comp  
techniques and work practices detected during the  
contained in this permit to optimize inspection. The coal being  
particulate control from all handled during the



emission points and to prevent inspection appeared to be visible particulate emissions moist. No problems with the throughout the facility. The wet suppression system was permittee shall operate the observed during its facility, at all times, in operation. accordance with the best known control strategies and work practices as prescribed in this permit to achieve the objective of no visible emissions. Where it is specified that water and/or

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Mr  
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ENVIRONNIE L QUALITY

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surfactant is to be applied "as necessary", the permittee will apply water at any indication of visible emissions. The following measures shall be implemented:

a. If emissions persist, surfactant will be added.

b. If emissions continue, the handling operations causing the emissions will be stopped.

c. At the first sign of dust emissions from the coal/petroleum coke/synfuel storage piles, additional wet suppression will be applied; and if emissions continue, sealant will be applied.

Monthly periodic visual evaluations and inspections of the methodology to control dust shall be conducted on all emission points. The details of the evaluations and inspections shall be arranged with the Director, Tidewater Regional Office.

12 -2 3 -02 29 The permittee shall maintain records The facility provided all of In Comp

of emission data and operating the records needed to parameters as necessary to demonstrate compliance with demonstrate compliance with this the permit. The daily permit. The content and format of record of dust control from such records shall be arranged with ProControl (part of the the Director, Tidewater Regional rainbird computer system) is Office. These records shall attached at the end of this include, but are not limited to: report.

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.

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 r dust control measures



Run Date: 08/26/2004 11:05 AM  
110 Page 7 Of 7

V. RCINIADF RTME  
ENVIRONMENTAL QUALITY

Conunonwealth 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

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.

12-23-02 36 During each shift, one designated The facility has a In Comp  
person shall be responsible for maintenance schedule based  
compliance with the procedures of out of the computer program  
Appendix A. Actions required in called Maximo. All  
support of these procedures shall scheduled and unscheduled  
take precedence over routine coal maintenance is done from it.  
and petroleum coke handing Training records of the  
procedures. The permittee shall employees were also provided  
take the following measures in order for review. The training  
to minimize the duration and consisted of familiarizing  
frequency of excess emissions, with employees about air  
respect to air pollution control pollution issues and how to  
equipment , monitoring devices, and operate the facility to  
process equipment which affect such control and prevent air  
emissions: pollution problems.

- a. Develop a maintenance schedule  
and maintain records of all  
scheduled and non-scheduled  
maintenance.
  - b. Maintain an inventory of spare  
parts.
  - c. Have available written operating  
procedures for equipment.
  - d. Train operators in the proper  
operation of all such equipment and  
familiarize the operators with the  
written operating procedures. The  
permittee shall maintain records of  
the training provided including the  
names of trainees, the date of  
training and the nature of the  
training.
- Records of maintenance and training  
shall be maintained on site for a  
period of 5 years and shall be made  
available to DEQ personnel upon  
request.

# ProControl (Coal Emit) Daily Report

THIS REPORT FOR: 08/20/2004

Hour K KD Ci SYM RBC IR. HRS SUMIR FR FRF KT HVI sumHVI HVT TEMP RH WD WDSP  
#Cc sumHVic pump

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1 12.24 12.24 1 1 1 0.00 0.0 0.000 1.00 1.00 293.66 4.57 4.57 83.20 77.4 85.0
  211 13.8 1.0 4.57 33.50
2 13.16 13.16 1 A 2 0.00 0.0 0.000 1.00 1.00 314.81 4.13 8.70 72.18 77.6 87.4
  217 15.3 2.0 8.70 33.50
3 12.19 12.19 0 2 0 . 0 0 0.0 0.000 1.00 1.00 '193.56 7.86 1 2 . 4 3 71.11 77.
1 87.8 2 1 9 14.3 2.0 1 2 . 4 3 0 . 0 0
4 12.41 12.41 1 1 3 0.00 0.0 0.000 1.00 1.00 298.11 3.20 15.63 61.97 76.6 88.5
  220 14.7 3.0 15.63 311.92
5 12.77 12.77 0 3 0.00 0.0 0.000 1.00 1.00 305.37 6.53 18.96 62.99 76.0 89.1 2
20 15.3 3.0 18.96 0.00
6 11.63 11.63 1 A 4 0.00 0.0 0.000 1.00 1.00 283.75 2.48 21.44 55.01 75.6 89.3
  218 14.0 4.0 21.44 33.50
7 10.94 10.94 0 4 0.00 0.0 0.000 1.00 1.00 1171.32 4.76 23.71 54.62 74.6 88.8
214 13.3 4.0 23.71 0.00
8 8.13 8.13 1 A 5 0.00 0.0 0.000 1.00 1.00 223.52 1.30 25.01 45.80 75.5 88.4
215 9.7 5.0 25.01 33.33
9 7.10 7.10 0 5 0.00 0.0 0.000 1.00 1.00 207.07 2.33 26.04 44.39 75.8 84.7 20
9 8.1 5.0 26.04 0.00
10 8 . 65 8.65 0 5 0 - 0 0 0.0 0.000 1.00 1.00 2 3 0 . 3 8 3.88 2 7 . 5 9 4 7
. 1 4 7 7 . 9 80.1 220 9.2 5 . 0 117.59 0 . 00
11 11.18 11-18 1 A 6 0 . 0 0 0 . 0 0.000 1.00 1.00 '165 . 73 1.48 2 9 . 0 7 4
4 . 7 8 80.0 7 4 . 2 220 10.8 6 . 0 119.07 3 3 . 3 3

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Total emission for 04 1442.48

Percent Efficiency : 44.7219