

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

Air Program Subpart

Inspection Result: In Compliance

NSPS Y
SIP

Reason:

Conduct PCE Not Otherwise Classified

Additional Information is Attached

Inspector Comments:

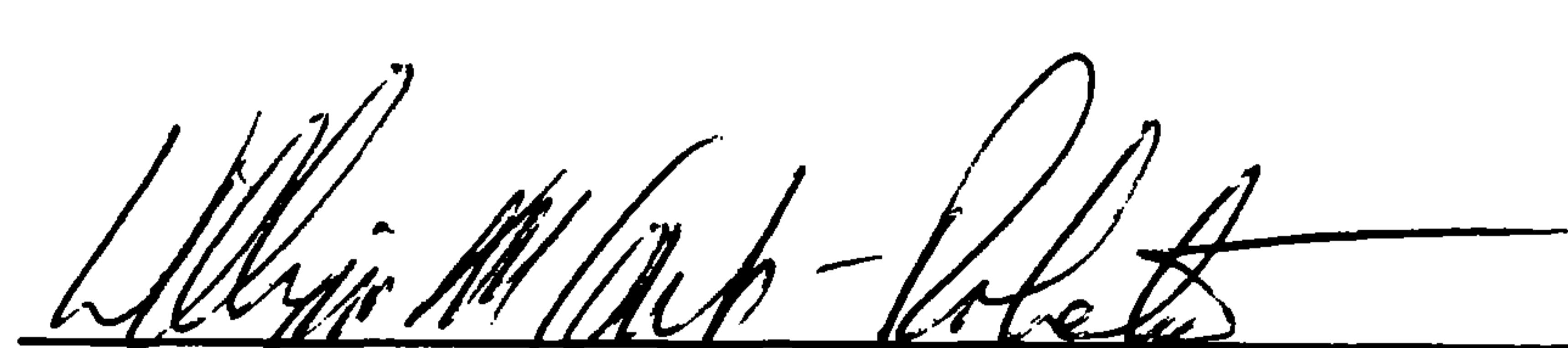
Dominion Terminal Associates currently has a December 2002 permit to operate a coal storage and petroleum storage and export facility in Newport News. Coal and petroleum coke material is transported to the facility by rail cars. The rail cars are unloaded and the material is transported to a surge silo. From there the material is placed 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 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.



Inspector's Electronic Signature

Approval Date: Aug 26, 2004



Manager's Electronic Signature

Approval Date: 8/3/04

Permit Date	#	Requirement Narrative	Observation	Status
12-23-02	4	Particulate (coal/petroleum coke)	Dusting the inspection the	In Comp
12-23-02	5	Particulate (coal/petroleum coke)	The conveyor system has	In Comp
12-23-02	6	Particulate (coal and synthetic dust)	The synthetic plant has not	In Comp
12-23-02	7	Particulate (coal and synthetic dust)	The synthetic plant has not	In Comp
12-23-02	8	Particulate (coal and synthetic dust)	The synthetic plant has not	In Comp
12-23-02	9	Fugitive coal/petroleum coke/synfuel	The fugitive emissions from	In Comp

INNSPECTION CHECKLIST

REGISTRATION NO.: 609974
REGISTRATION DATE: 00074
CLASSIFICATION: DOMESTIC MEDIUM
CLASSIFICATION NUMBER: 00074
REGISTRATION ADDRESS: 11 Harbor Road
REGISTRATION ADDRESS: 11 Harbor Road
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Commonwealth of Virginia



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INSPECTION CHECKLIST

Permit Date # or Basis	Requirement Narrative	Observation	Comp Status
	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 In Comp and had flat top piles.	
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

12-23-02	15	The fabric filter for the surge silo shall be equipped with devices to read a differentiaI pressure gauge to measure the two silos contained in the fabric filter for the surge silo. Each silo does have a differentiaI pressure gauge installed. The two silos contained in the fabric filter for the surge silo shall be maintained by the permittee of barges/ships read a differentiaI pressure drop across the fabric filter. Each monitor ing such that they are in proper working order at all times. Each monitor ing shall be maintained by the permittee readyIy accessible location and devices shall be installed in a silo and 0.2 (SS3) inches (SS2) and 0.2 (SS3) inches the fabric filter. The silo for the of water. The silo for the rail dumper was not in operation during the inspection. Five out of eight cycle. Five inspections and railroads were in operation during the inspection. No railroads were in operation during the inspection.	In Comp
12-23-02	16	The wet suppression system for the coal/petroleum coke/syngas storage facility is operating. Each silo does have a differentiaI pressure gauge installed. The two silos contained in the fabric filter for the surge silo shall be maintained by the permittee of barges/ships read a differentiaI pressure drop across the fabric filter. Each monitor ing such that they are in proper working order at all times. Each monitor ing shall be maintained by the permittee readyIy accessible location and devices shall be installed in a silo and 0.2 (SS3) inches (SS2) and 0.2 (SS3) inches the fabric filter. The silo for the of water. The silo for the rail dumper was not in operation during the inspection. Five out of eight cycle. Five inspections and railroads were in operation during the inspection. No railroads were in operation during the inspection. No railroads were in operation during the inspection.	In Comp
12-23-02	17	On a daily average, the maximum quantity of coal, petroleum coke, and syngas (combined) in storage shall not exceed 1,400,000 tons. Past 12 months was 471,184.81 tons.	In Comp
12-23-02	18	The coal/petroleum coke/syngas throughput of the coal/petroleum coke/syngas (combined) throughput for the ship/barge loading apparatus shall not exceed 12 tons per year, was 5,865,120.82 tons within the past 12 months.	In Comp

Permit Date	#	Requirement Narrative	Observation	Comments	Status	or Basis

INSPECTION CHECKLIST

Registration No:	60997	Plant Name:	Dominion Terminal Associates	Classification:	Synthetic Minor	Address:	Pier 11 Harbor Road
AFS Plant ID:	700-00074	AFS:		Region:	TR0		

COMMONWEALTH OF VIRGINIA



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 # 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 production, 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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	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.	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.	In Comp
12-23-02	<p>36 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 handing 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> <ul style="list-style-type: none"> 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. <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>		

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	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.

RTNI T
VIRGINIA DE
ENVIRONME AL Q LI rY

Conunonwealth of Virginia

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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 Comnients:

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 p etroleum coke

material is transported to the facility by rail cars. The rail cars are unloa ded 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 t ransported by

conveyors to two storage silos. Once filled the material is transport by conv eyors to the

pier were the material is unloaded into a cargo ship or barge. The facility i s 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

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 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 Co mp

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 Co mp

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

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Permit Date Requirement Narrative Observation Comp
or Basis Status

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 apon
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/snyfuel 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

Commonwealth of Virginia

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INSPECTION CHECKLIST

Permit Date Requirement Narrative Observation Camp
or Basis Status

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

ENVIRONMENTAL QUALITY

Commonwec-Llth of Virginia

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INSPECTION CHECKLIST

Permit Date Requirement Narrative observation Comp
or Basis Status

each consecutive 12-month period.

12-23-02 19 The synfuel operations (plant #1 & The synfuel plant has not In Co
mp
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 Com
p
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 C
omp
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 C
omp
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

AK
Mr
VIRGINIA DEPARTMENT OF
ENVIRONMENTAL 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

V. RCINIADDF RTME
ENVIRONMENTAL QUALITY

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INSPECTION CHECKLIST

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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 During each shift, one designated person shall be responsible for maintenance schedule based compliance with the procedures of the computer program Appendix A. Actions required in called Maximo. All support of these procedures shall take precedence over routine coal maintenance and petroleum coke handing. Training records of the 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 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

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 0.000 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

Total emission for 04 1442.48

Percent Efficiency : 44.7219