

CIE 194

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

Report No: 237892

AIR INSPECTION REPORT

Inspection Date: 08/28/06

Contact Name: Dan R Wagoner

Type: FCE With Site Visit

Contact Phone No: (757)245-2275

Inspector: Philip S Murphy

Air ProgramSubpart

Inspection Result: In Compliance

NSPS

Y

SIP

Reason:

Complete FCE (Full Compliance Evaluation)

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

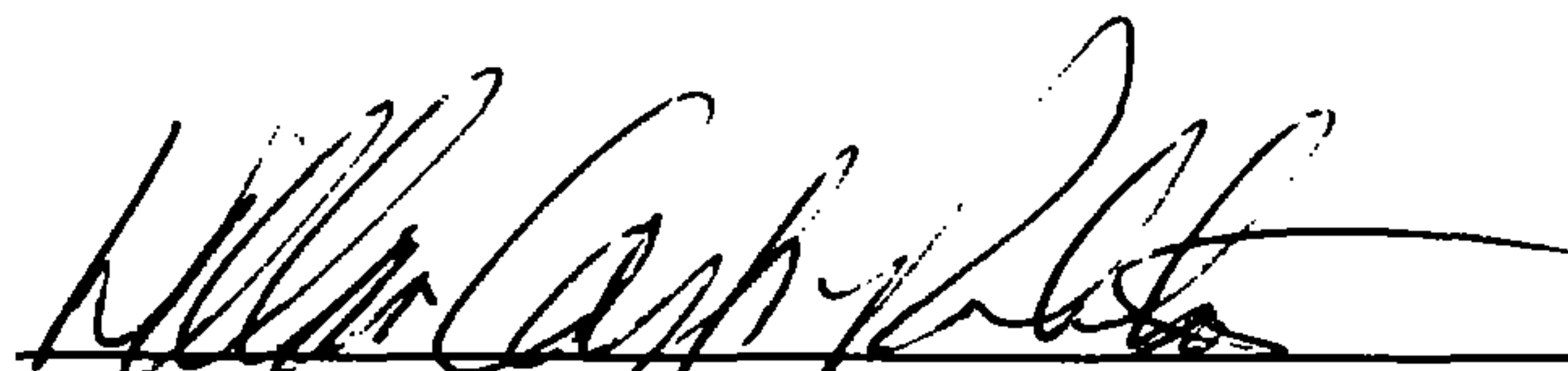
Inspector Comments:

Dominion Terminal Associates (DTA) currently operates under a September 13, 2004 New Source Review (NSR) permit to operate a coal/petroleum coke/synfuel production, and export facility at Pier 11 in Newport News. The two fully enclosed marine vessel grab unloaders, two ship unloaders with fabric filters, and associated enclosed ship unload conveyors have not yet begun being constructed. The synfuel facility was also not constructed. The facility has submitted a permit action (presently under review) to remove the synfuel plant. The unloading equipment will be constructed. Permit conditions 8, 9, 10, 26, 32, and 33 concerning only synfuel and permit conditions 3 and 4 concerning only unloading equipment, will not be addressed. The inspection was performed in accompaniment of Dan Waggoner, DTA Superintendent of Engineering and Maintenance.

A handwritten signature in black ink, appearing to read "Philip S Murphy".

Inspector's Electronic Signature

Approval Date: Sep 18, 2006

A handwritten signature in black ink, appearing to read "William Carl...".

Manager's Electronic Signature

Approval Date:

9/18/06



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INSPECTION CHECKLIST

Permit Date	#	Requirement Narrative	Observation	Comp Status
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12-23-02	2	RD-1 Tandem rotary rail car dumper	The rotary rail car dumper is capable of dumping 2 rail cars Compliance at one time. Rail cars can be dumped in one hour.	In
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BS-1	Surge Silo	The surge silo BS-1 stands alone and holds 1000 tons.
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BS-2	Surge Silo	The surge silos BS-2 and BS-3 stand side by side at the foot of the pier. BS-2 can hold 3800 tons and BS-3 can hold 4100 tons.
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BC-1-13	Various Coal handling and storage conveyors	All the coal handling conveyors are fully enclosed except for the storage yard belts BC-4, 7, and 13.
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S/R-1&2	2-Rotary Stacker/ Reclaimers	Rotary stacker/ reclaimers S/R-1 and 2 operate in the storage yard. They can stack up to 5900 T/hr and reclaim up to 6500 T/hr.
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S/R-3	Rotary reclaimers	Rotary reclaimers S/R-3 can only reclaim and can operate up to 6800 T/hr.
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OS-1-4	Coal, coke and limestone storage piles	Each coal storage pile can store up to 350,000 tons.
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SL-1	Ship/barge loader	The ship barge loader can handle up to 6800 T/hr.
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12-23-02	5	Emissions of particulate matter (PM) (coal/petroleum coke dust) 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 rail car dumper was not in operation during the inspection; however, examination of the area outside the building revealed no excessive fugitive coal dust from the dumper building.	In Compliance
12-23-02	6	PM emissions (coal/petroleum coke dust) 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.	The transfer points and stacker/reclaimers are equipped with wet suppression to control PM emissions from as necessary and a surfactant is added to the water as necessary.	In Compliance
12-23-02	7	PM emissions (coal/petroleum coke dust) from the conveyor system shall be controlled by conveyor hoods and wind guards. Ground level reclaim conveyor belts shall be controlled by wet suppression as necessary.	PM emissions from the conveyor system are controlled by conveyor hoods and wind guards. The ground level reclaim conveyor belts are equipped with wet suppression and used when necessary.	In Compliance



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-------------	---	-----------------------	-------------	------	--------

12-23-02	11	Fugitive coal/petroleum coke 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 no less than 35,500 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 storage piles in the storage yard are capable of being thoroughly covered with wet suppression by use of a rain bird system. Each device in the system is capable of being individually controlled in order to ensure adequate wetting of all areas of the yard. The system cycles on and off as programmed in accordance with the parameters defined in Appendix A.	In	Compliance
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12-23-02	12	All coal/petroleum coke storage piles shall be truncated, stacker/reclaimers used to build flat top piles, and the top compacted to minimize fugitive emissions.	The storage piles were all truncated in order to minimize fugitive emissions. The stacker/reclaimers are used to to truncate the larger piles. Smaller piles are truncated by bulldozers.	In	Compliance
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12-23-02	13	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.	As rail cars enter the boundaries of the facility, an overhead spray bridge is activated by wheel detectors.	In	Compliance
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12-23-02	14	When the permittee is using a piece of auxiliary coal/petroleum coke handling equipment (front loader, bulldozer, etc.), the area worked shall be monitored and wet suppression shall be applied as necessary to control emissions.	The work areas are monitored and wet suppression is required a water truck supplements the wet suppression system.	In	Compliance
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Permit Date or Basis	#	Requirement Narrative	Observation	Comp Status
12-23-02	15	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.	When particular pieces of auxilliary equipment are used a water truck is available and used to provide additional wet suppression as needed.	In Compliance
12-23-02	16	PM emissions (coal/petroleum coke dust) from each surge silo shall be controlled by a fabric filter. The fabric filters shall be provided with adequate access for inspection.	Each surge silo is equipped with fabric filters to control PM emissions. The baghouses have adequate access for inspection.	In Compliance
12-23-02	17	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.	The baghouses are presently equipped with magnahelic gauges to measure the differential pressure to indicate filter efficiency. The permit is presently being revised. The pressure guage observations are being replaced in favor of a visible emission check. This is a better means of ensuring proper operation and working order of the fabric filter.	In Compliance



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12-23-02	18	The wet suppression system for the coal/petroleum coke 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.	The storage piles in the storage yard are capable of being thoroughly covered with wet suppression by use of a rain bird system. Each device in the system is capable of being individually controlled in order to ensure adequate wetting of all areas of the yard. The system cycles on and off as programmed in accordance with the parameters defined in Appendix A.	In Compliance
12-23-02	24	On a daily average, the maximum quantity of coal, petroleum coke, and limestone (combined) in storage shall not exceed 975,000 tons.	The largest amount of product in storage at any one time during the last year was 828,063.21 tons in August 2005.	In Compliance
12-23-02	25	The coal/petroleum coke/limestone (combined) throughput for the ship/barge loading apparatus shall not exceed 24,000,000 tons per year, calculated monthly as the sum of each consecutive 12-month period.	The highest 12 month rolling total of combined product during the past 12 months was 6,150,317.29 tons in October 2005.	In Compliance



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12-23-02	29	Visible emissions from the enclosed rotary rail car dumper shall not exceed 0 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).	The rail car dumper was not in operation during the inspection; however, examination of the area outside the building revealed no excessive fugitive coal dust from the dumper building.	In Compliance
12-23-02	30	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).	Coal was being transferred into and out of silos 2 and 3. There were no detectible visible emissions from either.	In Compliance
12-23-02	31	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).	Conveyor belts were transferring coal from the storage piles through silos 2 and 3 then loading a ship at the pier. There were no detectible visible emission from any point along the path of these operations.	In Compliance
09-13-04	34	DTA shall install and operate a PM10 monitor at the Newport News Housing Authority Maintenance Building (180-J) to ascertain the ambient air quality in the area surrounding the coal/petroleum coke/synfuel terminal. Operation shall be in accordance with Appendix J of 40 CFR Part 50.	The facility has installed PM10 monitors in the Newport News Housing Authority Maintenance Building. The equipment is monitored and maintained under contract to Simpson Weather Associates of Charlottesville. Copies of the 1st and 2nd quarter 2006 reports from Simpson are attached.	In Compliance



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12-23-02 36	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. The records shall include, but not be limited to:	a. Monthly terminal activity reports are attached showing throughput and 12 month totals. Reports show data back to October 2005.	In Compliance

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 as required by Appendix A.

b. Synfuel plant has not been constructed and will be removed in future permit.

c. 2004 through 2006 product inventory status is attached showing monthly and year to date averages and high quantity of product on ground.

d. A copy of the latest monthly ProControl daily emission report is attached. This is the program used to control the rainbird system used for wet suppression of coal dust.



Terminal Activity Report

10/1/2004 To 10/1/2005

Month	Throughput Tons
October 2004	609,881.73
November 2004	269,536.94
December 2004	630,642.64
January 2005	482,224.21
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
	6,150,317.29



Terminal Activity Report

9/1/2004 To 9/1/2005

Month	Throughput Tons
September 2004	326,515.50
October 2004	609,881.73
November 2004	269,536.94
December 2004	630,642.64
January 2005	482,224.21
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
	5,898,148.11



Terminal Activity Report

8/1/2004 To 8/1/2005

Month	Throughput Tons
August 2004	526,126.73
September 2004	326,515.50
October 2004	609,881.73
November 2004	269,536.94
December 2004	630,642.64
January 2005	482,224.21
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
	5,972,511.05



Terminal Activity Report

7/1/2005 To 7/1/2006

Month

Throughput Tons

July 2005

383,572.58

August 2005

451,763.79

September 2005

578,684.67

October 2005

380,267.22

November 2005

463,901.23

December 2005

381,176.31

January 2006

306,345.77

February 2006

193,592.75

March 2006

555,550.82

April 2006

293,347.37

May 2006

174,194.57

June 2006

534,971.98

4,697,369.06



Terminal Activity Report

6/1/2005 To 6/1/2006

Month

Throughput Tons

June 2005

492,456.91

July 2005

383,572.58

August 2005

451,763.79

September 2005

578,684.67

October 2005

380,267.22

November 2005

463,901.23

December 2005

381,176.31

January 2006

306,345.77

February 2006

193,592.75

March 2006

555,550.82

April 2006

293,347.37

May 2006

174,194.57

4,654,853.99



Terminal Activity Report

5/1/2005 To 5/1/2006

Month	Throughput Tons
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
November 2005	463,901.23
December 2005	381,176.31
January 2006	306,345.77
February 2006	193,592.75
March 2006	555,550.82
April 2006	293,347.37
	5,149,398.43



Terminal Activity Report

4/1/2005 To 4/1/2006

Month	Throughput Tons
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
November 2005	463,901.23
December 2005	381,176.31
January 2006	306,345.77
February 2006	193,592.75
March 2006	555,550.82
	5,272,676.68



Terminal Activity Report

3/1/2005 To 3/1/2006

Month	Throughput Tons
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
November 2005	463,901.23
December 2005	381,176.31
January 2006	306,345.77
February 2006	193,592.75
	5,395,714.51



Terminal Activity Report

2/1/2005 To 2/1/2006

Month	Throughput Tons
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
November 2005	463,901.23
December 2005	381,176.31
January 2006	306,345.77
	5,689,722.28



Terminal Activity Report

1/1/2005 To 1/1/2006

Month	Throughput Tons
January 2005	482,224.21
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
November 2005	463,901.23
December 2005	381,176.31
	5,865,600.73



Terminal Activity Report

12/1/2004 To 12/1/2005

Month	Throughput Tons
December 2004	630,642.64
January 2005	482,224.21
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
November 2005	463,901.23
	6,115,067.07



Terminal Activity Report

11/1/2004 To 11/1/2005

Month	Throughput Tons
November 2004	269,536.94
December 2004	630,642.64
January 2005	482,224.21
February 2005	487,600.53
March 2005	678,588.64
April 2005	416,625.62
May 2005	668,739.01
June 2005	492,456.91
July 2005	383,572.58
August 2005	451,763.79
September 2005	578,684.67
October 2005	380,267.22
	5,920,702.78

2006 Terminal Activity

	Cars	Car Tons	Vessels	Vessel Tons
January	4,978	521,634.62	20	306,345.77
February	2,778	284,586.19	15	193,592.75
March	3,711	378,315.81	33	555,550.83
April	2,939	298,700.56	20	293,322.60
May	4,075	416,947.88	23	174,194.57
June	3,046	306,608.72	31	534,971.99
July	2,904	288,410.35	26	398,529.21
August	0	0.00	0	0.00
September	0	0.00	0	0.00
October	0	0.00	0	0.00
November	0	0.00	0	0.00
December	0	0.00	0	0.00
Total	24,431	2,495,204.14	168	2,456,507.72

2006 Inventory Status

	<u>Monthly Avg</u>	<u>High on Ground</u>	<u>YTD Average</u>
January	494,229.94	608,554.73	494,229.94
February	707,537.44	773,950.32	600,883.69
March	634,116.08	757,511.40	611,961.15
April	616,689.50	685,843.41	613,143.24
May	657,032.82	799,419.72	621,921.16
June	699,484.93	814,583.75	634,848.45
July	566,167.43	587,834.28	625,036.88

2005 Inventory Stat

	<u>Monthly Avg</u>	<u>High on Ground</u>	<u>YTD Average</u>
January	461,753.27	578,079.99	461,753.27
February	627,949.09	728,387.35	544,851.18
March	614,488.93	693,912.36	568,063.76
April	627,603.70	750,981.93	582,948.75
May	545,664.12	679,817.70	575,491.82
June	581,787.40	694,046.76	576,541.08
July	560,948.26	619,538.21	574,313.54
August	683,490.30	828,063.21	587,960.63
September	574,467.48	668,527.17	586,461.39
October	524,653.46	592,187.22	580,280.60
November	421,233.07	551,002.59	565,821.73
December	423,307.41	524,196.76	553,945.54

2004 Inventory St:

	<u>Monthly Avg</u>	<u>High on Ground</u>	<u>YTD Average</u>
January	138,936.13	183,275.50	138,936.13
February	244,446.69	373,858.96	191,691.41
March	407,390.25	516,024.08	263,591.02
April	471,184.81	583,910.04	315,489.47
May	375,695.35	544,628.61	327,530.64
June	399,335.22	568,473.35	339,498.07
July	261,126.47	348,205.52	328,302.13
August	295,430.73	397,877.73	324,193.20
September	250,949.54	331,647.80	316,055.02
October	255,030.54	325,235.05	309,952.57
November	294,768.62	442,308.14	308,572.21
December	432,993.69	504,681.74	318,940.67



Simpson Weather Associates
ENVIRONMENTAL CONSULTANTS

809 E. Jefferson Street • Charlottesville, Virginia 22902
(434) 979-3571 FAX (434) 979-5599

August 4, 2006

Mr. John Campbell
Dominion Terminal Associates
P.O. Box 967-A
Newport News, VA 23607

RE: Filter Report

Dear John:

Enclosed is the 2nd quarter 2006 filter report for 180J. Let us know if you have any questions.

Regards,

Mary Morris

Enclosure: 2nd quarter 2006 Filter Report



Filters Report

Newport News

DTA 4/1/2006 To 6/30/2006

Date	Filter #	Run Time (min)	Pre Wt (g)	Post Wt (g)	Difference (g)	Flow Rate (mg/m3)	Conc. (mg/m3)	Temp (F)	Pressure (In Hg)	Precip (Inches)	Comments
4/5/2006	1461	1440.00	4.4608	4.4953	0.0345	40.85	20.65	55.00	29.82	0.00	
4/11/2006	1462	1440.00	4.4564	4.4879	0.0315	40.05	19.23	54.00	30.36	0.00	
4/17/2006	1463	1440.00	4.4632	4.4757	0.0125	40.79	7.49	52.00	29.70	0.04	
4/23/2006	1464	1440.00	4.4282	4.4551	0.0269	41.87	15.71	70.00	29.89	0.00	
4/29/2006	1465	1440.00	4.4417	4.4617	0.0200	39.93	12.25	52.00	30.34	0.00	
5/5/2006	1466	1440.00	4.4560	4.5181	0.0621	42.13	36.04	72.00	29.81	0.01	
5/11/2006	1467	1440.00	4.4683	4.4917	0.0234	42.22	13.55	70.00	29.64	0.76	
5/17/2006	1468	1440.00	4.4573	4.4984	0.0411	41.74	24.07	64.00	29.66	0.00	
5/23/2006	1469	1440.00	4.4518	4.4733	0.0215	40.86	12.86	60.00	30.08	0.00	
5/29/2006	1470	1440.00	4.4720	4.5083	0.0363	41.74	21.26	73.00	30.14	0.00	
6/4/2006	1471	1440.00	4.4401	4.4688	0.0287	41.93	16.73	69.00	29.79	0.00	
6/10/2006	1472	1440.00	4.4554	4.4998	0.0444	42.13	25.77	71.00	29.76	0.00	
6/16/2006	1473	1440.00	4.4558	4.4876	0.0318	41.51	18.73	70.00	30.15	0.00	
6/22/2006	1474	1440.00	4.4402	4.4830	0.0428	42.53	24.61	83.00	30.11	0.00	
6/28/2006	1476	1440.00	4.2632	4.2864	0.0232	42.50	13.35	80.00	29.97	0.00	

Average Concentration : 18.82

Maximum Concentration : 36.04

Minimum Concentration : 7.49

Calibration :

1475	4.4872
	4.4835
	0.0037
1500	4.2186
	4.2234
	-0.0048



Simpson Weather Associates
ENVIRONMENTAL CONSULTANTS

809 E. Jefferson Street • Charlottesville, Virginia 22902
(434) 979-3571 FAX (434) 979-5599

May 1, 2006

Mr. John Campbell
Dominion Terminal Associates
P.O. Box 967-A
Newport New, VA 23607

RE: Filter report

Dear John:

Enclosed is the 1st quarter 2006 filter report for 180J. Filter 1455 was not used in the calculations because it ran twice per the envelope (I think that is when the timer went out). Let us know if you have any questions.

Regards,

Mary Morris

Enclosure: 1st Qt 2006 Filter Report



Filters Report

Newport News

DTA 1/1/2006 To 3/31/2006

Date	Filter #	Run Time (min)	Pre Wt (g)	Post Wt (g)	Difference (g)	Flow Rate (mg/m3)	Conc. (mg/m3)	Temp (F)	Pressure (In Hg)	Precip (Inches)	Comments
1/5/2006	1445	1441.20	4.3013	4.3253	0.0240	40.42	14.51	48.00	29.75	0.00	
1/17/2006	1446	1440.60	4.3262	4.3429	0.0167	40.24	10.14	49.00	29.94	0.00	
1/11/2006	1447	1438.80	4.2954	4.3204	0.0250	40.27	15.19	54.00	30.19	0.02	
1/23/2006	1448	1440.60	4.3002	4.3156	0.0154	39.60	9.50	44.00	30.14	0.04	
1/29/2006	1449	1438.20	4.3416	4.3584	0.0168	40.53	10.15	53.00	29.94	0.00	
2/4/2006	1451	1440.00	4.4506	4.4684	0.0178	41.24	10.55	56.00	29.59	0.31	
2/10/2006	1452	1440.00	4.4488	4.4829	0.0341	38.80	21.49	34.00	30.19	0.00	
2/16/2006	1453	1440.00	4.4425	4.4737	0.0312	40.29	18.94	56.00	30.29	0.00	
2/22/2006	1454	1440.00	4.4381	4.4772	0.0391	39.48	24.21	41.00	30.06	0.02	
1/2006	1455	1.00	4.4539	4.5122	0.0583						
3/6/2006	1456	1440.00	4.4530	4.4704	0.0174	39.50	10.77	41.00	30.05	0.03	
3/12/2006	1457	1440.00	4.4494	4.4940	0.0446	41.39	26.35	68.00	30.13	0.00	
3/18/2006	1458	1440.00	4.4320	4.4526	0.0206	39.50	12.75	42.00	30.10	0.00	
3/24/2006	1459	1440.00	4.4590	4.4854	0.0264	39.91	16.18	46.00	30.02	0.00	
3/30/2006	1460	1440.00	4.4572	4.4953	0.0381	39.97	23.31	52.00	30.31	0.00	

Average Concentration : 16.00

Maximum Concentration : 26.35

Minimum Concentration : 9.50

Calibration :

1450 4.3322
4.3315
0.0007
1475 4.4872
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ProControl (Coal Emit) Daily Report

THIS REPORT FOR: 08/27/2006

Hour	F	FD	CI	SYM	PBC	IF	HPS	SUMIP	FP	FPF	KT	HVI	sumHVI	HVT	TEMP	RH	WD	WDSE	#CC	sumHVIC	Pump
1	6.81	6.81	0		0	0.00	0.0	0.000	1.00	1.00	163.33	3.03	3.03	86.41	77.7	75.1	182	6.8	0.0	3.03	0.00
2	5.61	5.61	0		0	0.00	0.0	0.000	1.00	1.00	125.86	5.54	5.54	86.41	76.6	81.3	173	6.1	0.0	3.03	0.00
3	4.51	4.51	0		0	0.00	0.0	0.000	1.00	1.00	111.61	7.55	7.55	86.41	76.1	85.6	169	5.2	0.0	3.03	0.00
4	5.43	5.43	1	A	1	0.00	0.0	0.000	1.00	1.00	130.89	1.58	9.12	41.68	76.1	87.5	157	6.4	0.0	3.03	58.33
5	6.79	6.79	0		1	0.00	0.0	0.000	1.00	1.00	158.21	3.90	11.44	48.97	76.2	86.6	152	7.9	0.0	3.03	0.00
6	6.70	6.70	1	A	2	0.00	0.0	0.000	1.00	1.00	137.36	1.21	12.65	36.20	76.4	84.6	166	6.5	0.0	3.03	59.50
7	4.91	4.91	0		2	0.00	0.0	0.000	1.00	1.00	123.29	2.10	13.54	32.47	76.5	83.8	158	5.5	0.0	3.03	0.00
8	4.12	4.12	0		2	0.00	0.0	0.000	1.00	1.00	109.82	2.62	14.06	29.89	76.7	83.7	154	4.6	0.0	3.03	0.00
9	3.94	3.94	0		2	0.00	0.0	0.000	1.00	1.00	106.86	3.21	14.65	29.16	77.0	83.6	149	4.4	0.0	3.03	0.00
10	3.56	3.56	0		2	0.00	0.0	0.000	1.00	1.00	101.56	3.54	14.98	26.23	78.5	79.3	169	3.7	0.0	3.03	0.00
11	4.78	4.78	1	A	3	0.00	0.0	0.000	1.00	1.00	118.37	0.47	15.45	23.64	80.2	74.9	170	4.6	0.0	3.03	50.83
12	5.46	5.46	0		3	0.00	0.0	0.000	1.00	1.00	127.14	1.07	16.05	25.05	82.4	65.3	183	4.5	0.0	4.10	0.00
13	5.87	5.87	0	W	3	0.00	0.0	0.000	1.00	1.00	132.10	1.73	16.71	25.89	84.0	59.8	183	4.4	0.0	4.77	0.00
14	4.94	4.94	2	3	5	0.00	0.0	0.000	1.00	1.00	121.87	0.13	16.84	18.08	84.6	60.5	202	3.7	2.0	4.90	68.50
15	6.66	6.66	0	W	5	0.00	0.0	0.000	1.00	1.00	159.05	0.79	17.50	21.38	86.4	52.5	178	5.6	2.0	4.90	0.00
16	10.61	10.61	2	3	7	0.00	0.0	0.000	1.00	1.00	176.64	0.38	17.88	20.26	86.9	51.3	182	6.7	4.0	5.28	69.67
17	11.88	11.88	0	W	7	0.00	0.0	0.000	1.00	1.00	186.56	0.85	18.35	20.68	86.4	54.7	185	8.0	4.0	5.75	0.00
18	14.39	14.39	2	3	9	0.00	0.0	0.000	1.00	1.00	204.33	0.38	18.74	20.21	85.9	54.9	186	9.8	6.0	6.13	63.92
19	15.75	15.75	0		9	0.00	0.0	0.000	1.00	1.00	212.47	0.83	19.18	20.42	84.8	57.1	175	11.2	6.0	6.13	0.00
20	14.02	14.02	2	3	11	0.00	0.0	0.000	1.00	1.00	203.82	0.27	19.45	20.09	83.4	62.9	169	11.1	6.0	6.13	64.75
21	13.37	13.37	0		11	0.00	0.0	0.000	1.00	1.00	201.22	0.52	19.70	20.14	82.0	68.7	170	11.4	6.0	6.13	0.00
22	12.78	12.78	2	3	13	0.00	0.0	0.000	1.00	1.00	199.44	0.16	19.86	20.04	80.6	69.8	172	11.5	6.0	6.13	62.50
23	10.60	10.60	0		13	0.00	0.0	0.000	1.00	1.00	195.49	0.28	19.97	20.05	79.7	73.1	169	10.3	6.0	6.13	0.00

24 9.14 9.14 2 3 15 0.00 0.0 0.000 1.00 1.00 193.82 0.00 20.03 78.7 76.5 181 9.2 8.0 6.19 87.87

Total emission for 06 : 12305.79

Percent Efficiency : 71.8153

OCR

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

Run-date 09/18/2006 09:12 Page I of 8

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VIRGINIA DEPARTMENT OF
ENVIRONMENTAL QUALITY
Commonwealth of Virginia

Registration No: 60997 APS Plant ID: 700-00074

Plant Name: Dominion Terminal Associates Classification: Synthetic Minor

Address: Pier 11 Harbor Road Region: TRO

Report No: 237892

AIR INSPECTION REPORT

Inspection Date: 08/28/06 Contact Name: Dan R Wagener
Type: FCE with Site Visit Contact Phone No: (757)24-5-2275
Inspector: Philip S Murphy Air Program Subpart
Inspection Result: In Compliance NSPS y
SIP
Reason:
Complete FCE (Full Compliance Evaluation)

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

Inspector Comments:

Dominion Terminal Associates (DTA) currently operates under a September 13, 2004 New Source Review (NSR) permit to operate a coal/petroleum coke/synfuel production, and export facility at Pier 11 in Newport News. The two fully enclosed marine vessel grab unloaders, two ship unloaders with fabric filters, and associated enclosed ship unload conveyors have not yet begun being constructed. The synfuel facility was also not constructed. The facility has submitted a permit action (presently under review) to remove the synfuel plant. The unloading equipment will be constructed. Permit conditions 8, 9, 10, 26, 32, and 33 concerning only synfuel and permit conditions 3 and 4 concerning only unloading equipment, will not be addressed. The inspection was performed in accompaniment of Dan Waggoner, DTA Superintendent of Engineering and Maintenance.

Electronic Signature

Inspector's Electronic Signature Kanagir@s E
Approval Date: Sep 18, 2006 Approval Date: -qll

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ENVIRONMENTAL QUALITY

Connonwealth 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

Report tio: 237892

INSPECTION CHECKLIST

Permit Date Comp

or Basis Requirement Narrative observation
Status

12-23-02 2 RD-1 Tandem rotary rail car The rotary rail car dumper is In
dumper capable of dumping 2 rail carsCompliance
at one time. Rail cars can be
dumped in one hour.

BS-1 Surge Silo The surge silo BS-1 stands
alone and holds 1000 tons.

BS-2 Surge Silo The surge silos BS-2 and BS-3
stand side by side at the foot

BS-3 Surge Silo of the pier. BS-2 can hold
3800 tons and BS-3 can hold
4100 tons.

BC-1-13 Various Coal handling All the coal handling

and storage conveyors conveyors are fully enclosed
except for the storage yard
belts BC-4, 7, and 13.

S/R-1&2 2-Rotary Stacker/ Rotary stacker/ reclaimers
Reclaimers SIR-1 and 2 operate in the
storage yard. They can stack
up to 5900 T/hr and reclaim up
to 6500 T/hr.

S/R-3 Rotary reclaimer Rotary reclaimer S/R-3 can
only reclaim and can operate
up to 6800 T/hr.

OS-1-4 Coal, coke and limestone Each coal storage pile can
storage piles store up to 350,000 tons.

SL-1 Ship/barge loader The ship barge loader can
handle up to 6800 T/hr.

VIRGINIA DEPARTMENT OF
I.
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

Report No: 237892

INSPECTION CHECKLIST

Permit Date Camp

or Basis Reclamation Narrative Observation Status

12-23-02 5 Emissions of particulate matter The rail car dumper was not in In
(PM) (coal/petroleum coke dust) operation during the Compliance
from the enclosed rotary rail car inspection; however,
dumper shall be controlled by wet examination of the area
suppression, which shall include outside the building revealed
the use of a surfactant. The no excessive fugitive coal
surfactant to water ratio shall dust from the dumper building.
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.

12-23-02 6 PM emissions (coal/petroleum coke The transfer points and In dust) from the transfer points stacker/reclaimers are Compliance and stacker/reclaimers shall be equipped with wet suppression controlled by wet suppression as to control PM emissions from necessary and by wet suppression as necessary and a surfactant with surfactant as necessary. is added to the water as Continuous wetting is not necessary. mandatory.

12-23-02 7 PM emissions (coal/petroleum coke PM emissions from the conveyor I n dust) from the conveyor system system are controlled by Compliance shall be controlled by conveyor conveyor hoods and wind hoods and wind guards. Ground guards.The ground level level reclaim conveyor belts shall reclaim conveyor belts are be controlled by wet suppression equipped with wet suppression as necessary. and used when necessary.

ENVIRONMENTALQUALITY
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

Report No: 237892

INSPECTION CHECKLIST

Permit Date Comp
or Basis Requirement Narrative observation Status

12-23-02 11 Fugitive coal/petroleum coke dust The storage piles in the In emissions from the storage piles storage yard are capable of Compliance shall be controlled by a wet being thouroughly covered with suppression system capable of wet suppression by use of a wetting the entire coal and rain bird system. Each device petroleum coke storage area. Wet in the system is capable of suppression cycles shall be being invidually controlled in implemented in accordance with order to ensure adequate Appendix A. Each cycle shall wetting of all areas of the consist of no less than 35,500 yard. The system cycles on and gallons of water and attain 100 off as programmed in percent coverage of the coal and accordance with the parameters petroleum coke storage area. The defined in Appendix A. wet suppression system shall be provided with adequate access for inspection.

12-23-02 12 All coal/petroleum coke storage The storage piles were all In piles shall be truncated, truncated in order to minimize Compliance stacker/reclaimers used to build fugitive emissions. The flat top piles, and the top stacker/ reclaimers are used compacted to minimize fugitive to to truncate the larger emissions. piles. Smaller piles are truncated by bulldozers.

12-23-02 13 The permittee shall apply wet As rail cars enter the In suppression as necessary to all boundaries of the facility, an Compliance incoming loaded coal and petroleum overhead spray bridge is coke trains located within activated by wheel detectors. facility boundaries if they are not to be dumped within 24 hours.

12-23-02 14 When the permittee is using a The work areas are monitored In piece of auxiliary coal/petroleum and wet suppression is applied Compliance coke handling equipment (front end as needed. If additional wet loader, bulldozer, etc.), the area suppression is required a worked shall be monitored and wet water tr,, -k supplements the suppressi(@hall be applied as wet sup.L ssion system. necessary to control emissions.

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" 'GINIA DEPARTME14T OF
ENVIRONMENTAL QUALITY

Conanonwealth 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

Report No: 237892

INSPECTION CHECKLIST

Permit Date Comp

or Basis Requirement Narrative observation
Status

12-23-02 15 When the permittee is using a when particular pieces of In
particular piece of auxilliary equipment are used Compliance
coal/coke/synfuel handling a water truck is available and
equipment (e.g., a dumper, a used to provide additional wet
conveyor, etc.), it shall utilize suppression as needed.
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.

12-23-02 16 PM emissions (coal/petroleum coke Each surge silo is equipped Tn

dust) from each surge silo shall with fabric filters to control Compliance
be controlled by a fabric filter. PM emissions. The baghouses
The fabric filters shall be have adequate access for
provided with adequate access for inspection.
inspection.

12-23-02 17 The fabric filter for the surge The baghouses are presently In
silo shall be equipped with equipped with magnahelic Compliance
devices to continuously measure gauges to measure the
the differential pressure drop differential pressure to
across the fabric filter. Each indicate filter efficiency.
monitoring device shall be The permit is presently being
installed in a readily accessible revised. The pressure guage
location and shall be maintained observations are being
by the permittee such that they replaced in favor of a visible
are in proper working order at emission check. This is a
all times. Each monitoring device better means of ensuring
shall be provided with adequate proper operation and working
access for inspection and shall order of the fabric filter.
be in operation when the fabric
filter is operating.

TMENT OF
WIRGINIA DEPARDE,
ENVIRONMENTAL QUALITY

Commonwealth of Virginia

Registration No: 60997 APS Plant ID: 700-00074

Plant Name: Dominion Terminal Associates Classification: Synthetic Minor

Address: Pier 11 Harbor Road Region: TRO

Report No: 237892

INSPECTION CHECKLIST

Permit Date Comp

or Basis Requirement Narrative Observation
Status

12-23-02 18 The wet suppression system for The storage piles in the In the coal/petroleum coke storage storage yard are capable of Compliance piles shall be implemented as being thouroughly covered with specified in Appendix A or by any wet suppression by use of a other procedure as may be approved rain bird system. Each device by the DEQ prior to use. Such in the system is capable of approval shall be contingent on being invidually controlled in adequate documentation that any order to ensure adequate alternative procedure shall wetting of all areas of the achieve at least as high an yard. The system cycles on and efficiency as Appendix A. This off as programmed in applies to all other dust control accordance with the parameters measures required by this permit. defined in Appendix A. 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 24 On a daily average, the maximum The largest amount of product In quantity of coal, petroleum coke, in storage at any one time Compliance and limestone (combined) in during the last year was storage shall not exceed 975,000 828,063.21 tons in August tons. 2005.

12-23-02 25 The coal/petroleum coke/limestone The highest 12 month rolling In (combined) throughput for the total of combined product Compliance ship/barge loading apparatus shall during the past 12 months was not exceed 24,000,000 tons per 6,150,317.29 tons in October year, calculated monthly as the 2005. sum of each consecutive 12-month period.

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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

Report No: 237892

INSPECTION CHECKLIST

Permit Date Comp
or Basis Requirement Narrative Observation Status

12-23-02 29 Visible emissions from the The rail car dumper was not in In enclosed rotary rail car dumper operation during the Compliance shall not exceed 0 percent opacity inspection; however, as determined by the EPA Method 9 examination of the area (reference 40 CFR 60, Appendix A). outside the building revealed no excessive fugitive coal dust from the dumper building.

12-23-02 30 visible emissions from the fabric Coal was being transferred In filter shall not exceed 0 percent into and out of silos 2 and 3. Compliance opacity as determined by the EPA There were no detectible Method 9 (reference 40 CFR 60, visible emissions from either. Appendix A).

12-23-02 31 Visible emissions from the Conveyor belts were In conveyor belt transfer points transferring coal from the Compliance shall not exceed 5 percent opacity storage piles through silos 2 as determined by the EPA Method 9 and 3 then loading a ship at (reference 40 CFR 60, Appendix A). the pier. There were no detectible visible emission from any point along the path of these operations.

09-13-04 34 DTA shall install and operate a The facility has installed In PM10 monitor at the Newport News PM10 monitors in the Newport Compliance Housing Authority Maintenance News Housing Authority Building (180-J) to ascertain the maintenance Building. The ambient air quality in the area equipment is monitored and surrounding the coal/per-roleum maintained under contract to coke/synfuel terminal. operation Simpson Weather Associates of shall be in accordance with Charlottesville. Copies of the Appendix J of 40 CFR Part 50. 1st and 2nd quarter 2006 reports from Simpson are attached.

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EMIRONMENTAL 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

Report No: 237892

INSPECTION CHECKLIST

Permit Date Comp

or Basis Requirement Narrative observation Status

12-23-02 36 The permittee shall maintain In
records of emission data and Compliance
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. The records shall include,
but not be limited to:

a. Annual throughput of a. Monthly terminal activity
coal/petroleum coke/synfuel reports are attached showing
(combined) for the ship/barge throughput and 12 month
loading apparatus, calculated totals. Reports show data back
monthly as the sum of each to October 2005.
consecutive 12 month period.

b. Annual throughput of synfuel b. Synfuel plant has not been production, calculated monthly as constructed and will be the sum of each consecutive 12 removed in future permit. month period.

c. Maximum daily quantity of c. 2004 through 2006 product coal/petroleum coke/synfuel inventory status is attached (combined) in storage. showing monthly and year to date averages and high

d. Records of dust control quantity of product on ground. measures as required by Appendix A.

d. A copy of the latest monthly ProControl daily emission report is attached. This is the program used to control the rainbird system used for wet suppression of coal dust.

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8/28/2006
Terminal Activity Report
10/1/2004 To 10/1/2005
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Terminal Activity Report
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Terminal Activ4tv Report
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Terminal Activity Report
4/1/2005 To 4/1/2006

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terminal Activity Report
2/1/2005 To 2/1/2006

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8/28/2006
Terminal Activity Report
1/1/2005 To 1/1/2006

Month Throughput Tons

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8/28/2006
Terminal Activity Report
12/1/2004 To 12/1/2005
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Dominion Terminc, Issociates
8/28/2006
Terminal Activity Report
11/1/2004 To 11/1/2005

Month Throughput Tons

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2006 Terminal Activity

Cars	CarTons	Vessels	VesselTons
January	4,978	521,634.62	20 306,345.77
February	2,778	284,586.19	15 193,592.75
March	3,711	378,315.81	33 555,550.83
April	2,939	298,700.56	20 293,322.60
May	4,075	416,947.88	23 174,194.57
June	3,046	306,608.72	31 534,971.99
July	2,904	288,410.35	26 398,529.21
August	0	0.00	0 0@00
September	0	0.00	0 0.00
October	0	0.00	0 0.00
November	0	0.00	0 0.00
December	0	0.00	0 0.00
Total	24,431	2,496,204.14	168 2,456,507.72

2006 Inventory Status

Monthly Avg	Hi-gh	on Ground	YTD	Average
January	494,229.94	608,554.73	494,229.94	
February	707,537.44	773,950.32	600,883.69	
March	634,116.08	757,511.40	611,961.15	
April	616,689.50	685,843.41	613,143.24	
May	657,032.82	799,419.72	621,921.16	
June	699,484.93	814,583.75	634,848.45	
July	566,167.43	587,834.28	625,036.88	

2005 Inventory Stat

Monthly Av-q High on Ground YTD Avera-ge

January	461,753.27	578,079.99	461,753.27
February	627,949.09	728,387.35	544,851.18
March	614,488.93	693,912.36	568,063.76
April	627,603.70	750,981.93	582,948.75
May	545,664.12	679,817.70	575,491.82
June	581,787.40	694,046.76	576,541.08
July	560,948.26	619,538.21	574,313.54
August	683,490.30	828,063.21	587,960.63
September	574,467.48	668,527.17	586,461.39
October	524,653.46	592,187.22	580,280.60
November	421,233.07	551,002.59	565,821.73
December	423,307.41	524,196.76	553,945.54

2004 Inventory St;

Monthly Av-q High on Ground YTD Average

January	138,936.13	183,275.50	138,936.13
February	244,446.69	373,858.96	191,691.41
March	407,390.25	516,024.08	263,591.02
April	471,184.81	583,910.04	315,489.47
May	375,695.35	544,628.61	327,530.64
June	399,335.22	568,473.35	339,498.07
July	261,126.47	348,205.52	328,302.13
August	295,430.73	397,877.73	324,193.20
September	250,949.54	331,647.80	316,055.02
October	255,030.54	325,235.05	309,952.57
November	294,768.62	442,308.14	308,572.21
December	432,993.69	504,681.74	318,940.67

Simpson WeatherAssociates

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809 E Jefferson Street 0 Charlottesville, Virginia 22902
(434) 979-3571 FAX (434) 979-5599

August 4, 2006

Mr. John Campbell
Dominion Tenninal Associates
P.O. Box 967-A
Newport News, VA 23607

RE: Filter Report

Dear John:

Enclosed is the 2' quarter 2006 filter report for 180J. Let us know if you have any questions.

Regards,

Ma@ Mol's

Enclosure: 2nd quarter 2006 Filter Report

AdIL

Filters Report

Newport News

DTA 4/1/2006 To 6/30/2006

41512006	1461	1440.00	4.4608	4.4953	0.0345	40.85	20.65	55.00	29.82	0.00
4/11/2006	1462	1440.00	4.4564	4.4879	0.0315	40.05	19.23	54.00	30.36	0.00
4/17/2006	1463	1440.00	4.4632	4.4757	0.0125	40.79	7.49	52.00	29.70	0.04
4/23/2006	1464	1440.00	4.4282	4.4551	0.0269	41.87	15.71	70.00	29.89	0.00
4/29/2006	1465	1440.00	4.4417	4.4617	0.0200	39.93	12.25	52.00	30.34	0.00
515/2006	1466	1440.00	4.4560	4.5181	0.0621	42.13	36.04	72.00	29.81	0.01
5/11/2006	1467	1440.00	4.4683	4.4917	0.0234	42.22	13.55	70.00	29.64	0.76
5/17/2006	1468	1440.00	4.4573	4.4984	0.0411	41.74	24.07	64.00	29.66	0.00
r'23/2006	1469	1440.00	4.4518	4.4733	0.0215	40.86	12.86	60.00	30.08	0.00
.A/2006	1470	1440.00	4.4720	4.5083	0.0363	41.74	21.26	73.00	30.14	0.00
614/2006	1471	1440.00	4.4401	4.4688	0.0287	41.93	16.73	69.00	29.79	0.00
6/10/2006	1472	1440.00	4.4554	4.4998	0.0444	42.13	25.77	71.00	29.76	0.00
6/16/2006	1473	1440.00	4.4558	4.4876	0.0318	41.51	18.73	70.00	30.15	0.00
6/22/2006	1474	1440.00	4.4402	4.4830	0.0428	42.53	24.61	83.00	30.11	0.00
6/28/2006	1476	1440.00	4.2632	4.2864	0.0232	42.50	13.35	80.00	29.97	0.00

Average Concentration : 18.82

Maximum Concentration: 36.04

Minimum Concentration 7.49

Calibration

1475 4.4872
4.4835
0.0037
1500 4.2186
4.2234
-0.0048

Simpson WeatherAssociates

809 E Jefferson Street 0 Charlottesville, Virginia 22902
(434) 979-3571 FAX (434) 979-5599

May 1, 2006

Mr. John Campbell
Dominion Terminal Associates
P.O. Box 967-A
Newport New, VA 23607

RE: Filter report

Dear John:

Enclosed is the I' quarter 2006 filter report for 180J. Filter 1455 was not used in the calculations because it ran twice per the envelope (I think that is when the timer went out). Let us know if you have any questions.

Regards,

M Morris

Enclosure: I' Qt 2006 Filter Report

Filters Report

Newport News

DTA 1/112006 To 3/31/2006

1/5/2006	1445	1441.20	4.3013	4.3253	0.0240	40.42	14.51	48.00	29.75	0.00
1/17/2006	1446	1440.60	4.3262	4.3429	0.0167	40.24	10.14	49.00	29.94	0.00
1/11/2006	1447	1438.80	4.2954	4.3204	0.0250	40.27	15.19	54.00	30.19	0.02
1/23/2006	1448	1440.60	4.3002	4.3156	0.0154	39.60	9.50	44.00	30.14	0.04
1/29/2006	1449	1438.20	4.3416	4.3584	0.0168	40.53	10.15	53.00	29.94	0.00
2/4/2006	1451	1440.00	4.4506	4.4684	0.0178	41.24	10.55	56.00	29.59	0.31
2/10/2006	1452	1440.00	4.4488	4.4829	0.0341	38.80	21.49	34.00	30.19	0.00
2/16/2006	1453	1440.00	4.4425	4.4737	0.0312	40.29	18.94	56.00	30.29	0.00
9/92/2006	1454	1440.00	4.4381	4.4772	0.0391	39.48	24.21	41.00	30.06	0.02
1/2006	1455	1.00	4.4539	4.5122	0.0583					
3/6/2006	1456	1440.00	4.4530	4.4704	0.0174	39.50	10.77	41.00	30.05	0.03
3/12/2006	1457	1440.00	4.4494	4.4940	0.0446	41.39	26.35	68.00	30.13	0.00
3/18/2006	1458	1440.00	4.4320	4.4526	0.0206	39.50	12.75	42.00	30.10	0.00
3/24/2006	1459	1440.00	4.4590	4.4854	0.0264	39.91	16.18	46.00	30.02	0.00
3/30/2006	1460	1440.00	4.4572	4.4953	0.0381	39.97	23.31	52.00	30.31	0.00

Average Concentration : 16.00

Maximum Concentration: 26.35

Minimum Concentration 9.50

Calibration

1450 4.3322
4.3315
0.0007
1475 4.4872
4.4826
0.0046

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