VPDES PERMIT PROGRAM FACT SHEET
FILE NO:

This document gives pertinent information concerning the VPDES Permit listed below. This permit is being processed as a **MINOR INDUSTRIAL** permit.

1. **PERMIT NO.**: VA0057576

EXPIRATION DATE: December 4, 2016

2. **FACILITY NAME AND LOCAL MAILING ADDRESS**

Dominion Terminal Associates LLP
600 Harbor Road
Newport News, VA 23607

FACILITY LOCATION ADDRESS (IF DIFFERENT)

Harbor Rd, Pier 11
Newport News, VA 23607

CONTACT AT FACILITY:
NAME: Dan Wagoner
TITLE: Engineering Director
PHONE: (757)245-2275

CONTACT AT LOCATION ADDRESS
NAME: INSERT MODE
TITLE: INSERT MODE
PHONE: ( )

3. **OWNER CONTACT**: (TO RECEIVE PERMIT)
NAME: Mr. Rick Cole
TITLE: President & COO
COMPANY NAME: (IF DIFFERENT)
ADDRESS:

PHONE: ( )

CONSULTANT CONTACT:
NAME:
FIRM NAME:
ADDRESS:

PHONE: ( )

4. **PERMIT DRAFTED BY**: DEQ, Water Permits, Regional Office

Permit Writer(s): Debra L. Thompson Date(s): 5/6/16
Reviewed By: Deanna Austin Date(s): 6/14/16

5. **PERMIT ACTION:**

( ) Issuance (X) Reissuance ( ) Revoke & Reissue ( ) Owner Modification
( ) Board Modification ( ) Change of Ownership/Name [Effective Date:]

6. **SUMMARY OF SPECIFIC ATTACHMENTS LABELED AS:**

Attachment 1	Site Inspection Report/Memorandum
Attachment 2	Discharge Location/Topographic Map
Attachment 3	Schematic/Plans & Specs/Site Map/Water Balance
Attachment 4	TABLE I - Discharge/Outfall Description
Attachment 5	TABLE II - Effluent Monitoring/Limitations
Attachment 6	Effluent Limitations/Monitoring Rationale/Suitable Data/Antidegradation/Antibacksliding
Attachment 7	Special Conditions Rationale
Attachment 8	Toxics Monitoring/Toxics Reduction/WET Limit Rationale
Attachment 9	Material Stored
Attachment 10	Receiving Waters Info./Tier Determination/STORET Data/Stream Modeling
Attachment 11	303(d) Listed Segments
Attachment 12	TABLE III(a) and TABLE III(b) - Change Sheets
Attachment 13	NPDES Industrial Permit Rating Worksheet and EPA Permit Checklist
Attachment 14	Chronology Sheet
Attachment 15	Other Pertinent Correspondence/Information

APPLICATION COMPLETE: April 18, 2016

7. **PERMIT CHARACTERIZATION**: (Check as many as appropriate)

(X) Existing Discharge
( ) Proposed Discharge
( ) Municipal
SIC Code(s)
(X) Industrial
SIC Code(s)4491
( ) POTW
( ) PVOTW
(X) Private
( ) Federal
( ) State

( ) Publicly-Owned Industrial

(X) Effluent Limited
( ) Water Quality Limited
( ) WET Limit
( ) Interim Limits in Permit
( ) Interim Limits in Other Document
( ) Compliance Schedule Required
( ) Site Specific WQ Criteria
( ) Variance to WQ Standards
( ) Water Effects Ratio
(X) Discharge to 303(d) Listed Segment
(X) Storm Water Management Evaluation Monitoring for Toxicity Required
( ) Toxics Reduction Evaluation
(X) Storm Water Management Plan
( ) Pretreatment Program Required
( ) Possible Interstate Effect
( ) CBP Significant Dischargers List

8. **RECEIVING WATERS CLASSIFICATION**: River basin information.

Outfall No(s):001

Receiving Stream:	Hampton Roads
River Mile:	2-JMS000.55
Basin:	Lower James River
Subbasin:	NA
Section:	1
Class:	II
Special Standard(s):	a, z, bb
Tidal:	YES
7-Day/10-Year Low Flow:	MGD
1-Day/10-Year Low Flow:	MGD
30-Day/5-Year Low Flow:	MGD
Harmonic Mean Flow:	MGD

9. **FACILITY DESCRIPTION:** Describe the type facility from which the discharges originate.

Existing industrial discharge resulting from dust suppression runoff and storm water runoff.

10. **LICENSED OPERATOR REQUIREMENTS**: (x) No ( ) Yes Class:

11. **RELIABILITY CLASS**: Industrial Facility - NA

12. **SITE INSPECTION DATE**: June 09, 2016 **REPORT DATE**: July 10, 2016

Performed By: Steve Long, DEQ Inspector

SEE ATTACHMENT 1

13. **DISCHARGE(S) LOCATION DESCRIPTION**: Provide USGS Topo which indicates the discharge location, significant (large) discharger(s) to the receiving stream, water intakes, and other items of interest.

Name of Topo: Newport News-South Quadrant No.: 35B **SEE ATTACHMENT 2**

14. **ATTACH A SCHEMATIC OF THE WASTEWATER TREATMENT SYSTEM(S) [IND. & MUN.]. FOR INDUSTRIAL FACILITIES, PROVIDE A GENERAL DESCRIPTION OF THE PRODUCTION CYCLE(S) AND ACTIVITIES. FOR MUNICIPAL FACILITIES, PROVIDE A GENERAL DESCRIPTION OF THE TREATMENT PROVIDED.**

Treatment consists of two sedimentation ponds followed by a polishing pond with systems for polymer addition and neutralization.

SEE ATTACHMENT 3 (CAN ALSO REFERENCE TABLE I)

15. **DISCHARGE DESCRIPTION**: Describe each discharge originating from this facility.

SEE **TABLE I** (OR CAN SUBSTITUTE PAGE 2C) - **SEE ATTACHMENT 4**

16. **COMBINED TOTAL FLOW**:

TOTAL: 1.01 MGD (for public notice)

PROCESS FLOW: _____ MGD (IND.)

NONPROCESS/RAINFALL DEPENDENT FLOW: _____(Est.)

17. **STATUTORY OR REGULATORY BASIS FOR EFFLUENT LIMITATIONS AND SPECIAL CONDITIONS**: (Check all which are appropriate)

X State Water Control Law
X Clean Water Act
X VPDES Permit Regulation (9 VAC 25-31-10 et seq.)
X EPA NPDES Regulation (Federal Register)
_____ EPA Effluent Guidelines (40 CFR 133 or 400 - 471)
X Water Quality Standards (9 VAC 25-260-5 et seq.)
_____ Wasteload Allocation from a TMDL or River Basin Plan

18. **EFFLUENT LIMITATIONS/MONITORING**: Provide all limitations and monitoring requirements being placed on each outfall.

SEE TABLE II - ATTACHMENT 5

19. **EFFLUENT LIMITATIONS/MONITORING RATIONALE**: Attach any analyses of an outfall by individual toxic parameter. As a minimum, it will include: statistics summary (number of data values, quantification level, expected value, variance, covariance, 97th percentile, and statistical method); wasteload allocation (acute, chronic and human health); effluent limitations determination; input data listing. Include all calculations used for each outfall and set of effluent limits and those used in any model(s). Include all calculations/documentation of any antidegradation or anti-backsliding issues in the development of any limitations; complete the review statements below. Provide a rationale for limiting internal waste streams and indicator pollutants. Attach chlorine mass balance calculations, if performed. Attach any additional information used to develop the limitations, including any applicable water quality standards calculations (acute, chronic and human health).

OTHER CONSIDERATIONS IN LIMITATIONS DEVELOPMENT:

VARIANCES/ALTERNATE LIMITATIONS: Provide justification or refutation rationale for requested variances or alternatives to required permit conditions/limitations. This includes, but is not limited to: waivers from testing requirements; variances from technology guidelines or water quality standards; WER/translator study consideration; variances from standard permit limits/conditions.

N/A

SUITABLE DATA: In what, if any, effluent data were considered in the establishment of effluent limitations and provide all appropriate information/calculations.

All suitable effluent data were reviewed.

ANTIDEGRADATION REVIEW: Provide all appropriate information/calculations for the antidegradation review.

The receiving stream has been classified as tier 1; therefore, no further review is needed. Permit limits have been established by determining wasteload allocations which will result in attaining and/or maintaining all water quality criteria which apply to the receiving stream, including narrative criteria. These wasteload allocations will provide for the protection and maintenance of all existing uses.

ANTIBACKSLIDING REVIEW: Indicate if antibacksliding applies to this permit and, if so, provide all appropriate information.

There are no backsliding issues to address in this permit (i.e., limits as stringent or more stringent when compared to the previous permit).
SEE ATTACHMENT 6

20. **SPECIAL CONDITIONS RATIONALE**: Provide a rationale for each of the permit's special conditions.

SEE ATTACHMENT 7

21. **TOXICS MONITORING/TOXICS REDUCTION AND WET LIMIT SPECIAL CONDITIONS RATIONALE**: Provide the justification for any toxics monitoring program and/or toxics reduction program and WET limit.

SEE ATTACHMENT 8

22. **SLUDGE DISPOSAL PLAN**: Provide a description of the sludge disposal plan (e.g., type sludge, treatment provided and disposal method). Indicate if any of the plan elements are included within the permit.

N/A

23. **MATERIAL STORED**: List the type and quantity of wastes, fluids, or pollutants being stored at this facility. Briefly describe the storage facilities and list, if any, measures taken to prevent the stored material from reaching State waters.

The materials stored on site include various types of coal, fuels, lubricants, antifreeze, acid caustic, polymer and waste oil. The coal is stored in open piles until shipped. The other materials are stored in buildings and/or contained in storage tanks.

SEE ATTACHMENT 9

24. **RECEIVING WATERS INFORMATION**: Refer to the State Water Control Board's Water Quality Standards [e.g., River Basin Section Tables (9 VAC 25-260-5 et seq.). **Use 9 VAC 25-260-140 C (introduction and numbered paragraph) to address tidal waters where fresh water standards would be applied or transitional waters where the most stringent of fresh or salt water standards would be applied.** Attach any memoranda or other information which helped to develop permit conditions (i.e. tier determinations, PReP complaints, special water quality studies, STORET data and other biological and/or chemical data, etc.

SEE ATTACHMENT 10

25. 305(b)/**303(d) Listed Segments**: Indicate if the facility discharges to a segment that is listed on the current 303(d) list and, if so, provide all appropriate information/calculations.

Outfall 001 discharges to impaired segment VAT-G11E_JMS03A06, James River. The segment is impaired for Aquatic Life and Chesapeake Bay Open Water Aquatic Life Use (DO,Chl a) and Fish Consumption Use (PCB).

A PCB TMDL is in progress with an anticipated completion date of 2017.
The Chesapeake Bay TMDL was approved by EPA on 12/29/10: Nitrogen, Phosphorus and Total Suspended Solids.

VA0057576 was listed in the **Chesapeake Bay TMDL** under Bay segment JMSMH as a non-significant discharger. Because an aggregated WLA exists, this permit did not receive an individual WLA. The aggregated WLA is presented as a delivered load for each of the impaired 92 Bay segments. (Appendix Q, Chesapeake Bay TMDL)

SEE ATTACHMENT 11

26. **CHANGES TO PERMIT**: Use **TABLE III(a)** to record any changes from the previous permit and the rationale for those changes. Use **TABLE III(b)** to record any changes made to the permit during the permit processing period and the rationale for those changes [i.e., use for comments from the applicant, VDH, EPA, other agencies and/or the public where comments resulted in changes to the permit limitations or any other changes associated with the special conditions or reporting requirements].

SEE ATTACHMENT 12

27. **NPDES INDUSTRIAL PERMIT RATING WORKSHEET**: **TOTAL SCORE: 43 SEE ATTACHMENT 13**

28. **DEQ PLANNING COMMENTS RECEIVED ON DRAFT PERMIT**: Document any comments received from DEQ planning.

This Facility **IS /IS NOT** MENTIONED in an existing Board adopted water quality management planning document.

29. **PUBLIC PARTICIPATION**: Document comments/responses received during the public participation process. If comments/responses provided, especially if they result in changes to the permit, place in the attachment.

VDH/DSS COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from the Virginia Dept. of Health and the Div. of Shellfish Sanitation and noted how resolved.

The VDH reviewed the application and waived their right to comment and/or object on the adequacy of the draft permit. (MEMO dated April 18, 2016)

The DSS has no comments on the application/draft permit. (MEMO dated April 29, 2016).

EPA COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from the U.S. Environmental Protection Agency and noted how resolved.

EPA waived the right to comment and/or object to the adequacy of the draft permit.

ADJACENT STATE COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from an adjacent state and noted how resolved. Not Applicable.

OTHER AGENCY COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from any other agencies (e.g., VIMS, VMRC, DGIF, etc.) and noted how resolved.

Not Applicable.

OTHER COMMENTS RECEIVED FROM RIPARIAN OWNERS/CITIZENS ON DRAFT PERMIT: Document any comments received from other sources and note how resolved.

The application and draft permit have received public notice in accordance with the VPDES Permit Regulation, and no comments were received.

PUBLIC NOTICE INFORMATION: Comment Period: Start Date: July 14, 2016
End Date: August 12, 2016

Persons may comment in writing or by e-mail to the DEQ on the proposed reissuance of the permit within 30 days from the date of the first notice. Address all comments to the contact person listed below. Written or e-mail comments shall include the name, address, and telephone number of the writer, and shall contain a complete, concise statement of the factual basis for comments. Only those comments received within this period will be considered. The Director of the DEQ may decide to hold a public hearing if public response is significant. Requests for public hearings shall state the reason why a hearing is requested, the nature of the issues proposed to be raised in the public hearing and a brief explanation of how the requestor's interests would be directly and adversely affected by the proposed permit action.

All pertinent information is on file and may be inspected, and arrangements made for copying by contacting Ms. Debra 1. Thompson at: Department of Environmental Quality (DEQ), Tidewater Regional Office, 5636 Southern Boulevard, Virginia Beach, VA 23462. Telephone: 757-518-2162 E-mail:debra.thompson@deq.virginia.gov

Following the comment period, the Board will make a determination regarding the proposed reissuance. This determination will become effective, unless the Director grants a public hearing. Due notice of any public hearing will be given.

30. **ADDITIONAL FACT SHEET COMMENTS/PERTINENT INFORMATION:**

Updated information regarding on-site activities covered under this permit reissuance: 001 storm water runoff from coal facility, dust suppression water and runoff from vehicle/equipment rinse activity. No products are used during this rinse activity.

ATTACHMENT 1

SITE INSPECTION REPORT/MEMORANDUM

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000 Fax (757) 518-2009
www.deq.virginia.gov

Molly Joseph Ward
Secretary of Natural Resources

David K. Paylor
Director

Maria R. Nold
Regional Director

July 21, 2016

Dan Wagoner, Superintendent Engineering
Dominion Terminal Associates LLP
600 Harbor Rd – Pier 11
Newport News, VA 23607

Re: Technical Inspection Report, VA0057576

Dear Mr. Wagoner:

Enclosed is a copy of the technical inspection report prepared for the inspection conducted on June 9, 2016. Please note the deficiencies cited in this report and implement appropriate corrective measures in order to ensure continued permit compliance. Within thirty (30) days of receipt of this report, you are requested to submit a letter documenting that the necessary corrections have been made.

If you have any questions regarding this report, please feel free to contact me at the above address or telephone (757) 518-2027.

Sincerely,

Steven J.E. Long
Environmental Specialist II

Enclosure

cc: DEQ/TRO: File

Note: This letter is not intended as a case decision under the Virginia Administrative Process Act, Va. Code § 2.2-4000 *et seq.*

Facility:	Dominion Terminal Associates LLP
County/city:	Newport News

VPDES NO.	VA0057576

DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTEWATER FACILITY
INSPECTION REPORT
PART 1

Inspection date:	6/9/16	Date form completed:	6/28/16
Inspection by:	Steven J.E. Long	Inspection agency:	DEQ/TRO
Time spent:	8 hours	Announced Inspection:	[ ] Yes [√] No
Reviewed by: Kenneth T. Raum / 07-11-16 KTR		Photographs taken at site?	[√] Yes [ ] No
Present at inspection:	Dan Wagoner – Superintendent Engineering		

FACILITY TYPE:	FACILITY CLASS:
( ) Municipal	( ) Major
(√) Industrial	(√) Minor
( ) Federal	( ) Small
( ) VPA/NDC	( ) High Priority ( ) Low Priority

TYPE OF INSPECTION:

Routine	√	Reinspection		Compliance/assistance/complaint	

Date of previous inspection:	9/7/11	Agency:	DEQ/TRO

Population Served:		Connections Served	

Quarterly Effluent: 1st Quarter 2016, Outfall 001	pH (s.u.)	7.8	Flow (MG)	0.396	TSS (mg/l)	4					
	Other:										
Quarterly Effluent: 4th Quarter 2016, Outfall 001	pH (s.u.)	7.6	Flow (MG)	0.936	TSS (mg/l)	5					
	Other:										
1st Semi-annual 2015, Outfall 001,	TP (mg/L)	0.02	TN (mg/L)	0.4	Cu (ug/l) –Diss.	5	Ni (ug/l) –Diss.	134	Zn (ug/l) –Diss.	75	
	Other:										

Data verified in preface:	Updated?		NO CHANGES?	√
Has there been any new construction?	YES		NO	√
If yes, were the plans and specifications approved?	YES		NO	na
DEQ approval date:	na			

COPIES TO: (√) DEQ/TRO; (√) OWNER

	PROBLEMS IDENTIFIED AT LAST INSPECTION:	CORRECTED	NOT CORRECTED
	Maintain a log book of freeboard measurements	√	
	Clean secondary containment structures.		*
	Remove rusting metals containers from stormwater exposure.	√	
	Nickel incorrectly reported as 0.011 mg/L.	√	

SUMMARY

	INSPECTION COMMENTS:
	Arrived at this facility at approximately 1325 for a routine site inspection. Attempted to meet with Mr. Wesley Simon-Parsons though found he is no longer with the company and instead met with Mr. Dan Wagoner. The purpose of the visit was discussed with the site survey conducted first and a review of documents completed after the survey. The visit ended at approximately 1545 with several documents requested electronically. Those documents were received on 6/15/16. Weather for the day of the visit was sunny, moderately warm with the last rainfall two days previously with approximately 0.3" received.
	The facility has one outfall for the entire site. There are three ponds associated with the facility; ponds #1 and #3 receiving direct runoff from the site. All ponds have pumps associated with them and can transfer water from one to the other two ponds. Pond #3 has the ability to recycle water to the opposite end of the pond. Water is pumped between the various ponds for improved settling of solids and mixing when sodium hydroxide is added for pH control. The pH is routinely checked (no discharge) to monitor the need for addition of sodium hydroxide solution and mixing if required.
	Several maintenance facilities for the material handling equipment are located throughout the facility. The north maintenance building was found with several significant housekeeping issues that have not been adequately managed. • An area outside of secondary containment was observed with a large area of staining, appearing to be petroleum in nature and likely from use of the various hoses dripping outside of the concrete containment. • Several areas of the railroad track, near the north maintenance building, were observed with spilled materials within the track area. This is likely from parked locomotives that are leaking. The area had some oil absorbent materials within the track but this material has become saturated and is no longer effective. The staining in the gravel ballast of the railroad track provides some indication that this is an ongoing problem. • Another track area, just adjacent to the locomotive oil tank was found with drip pans and oil absorbent pads in place but the pans had gaps allowing any dripped materials to leak out and the pads again had been saturated with product and were no longer effective. The pans need to be connected and capable of capturing fluids from the leaking equipment; the pads need to be replaced and work practices employed to prevent the loss of materials to the ground. • The secondary containment for the locomotive oil was filled with materials and appeared to be leaking out of the concrete containment through a seam in the containment wall. At present, the secondary containment is compromised and if there was a catastrophic release, would likely not have the capacity within the structure to capture or retain the product in the containment. It was not determined if this material was water with a layer of oil or all oil. If there is a significant amount of water, the roof and sides of the covered structure should be checked for integrity to determine how the water in getting into the structure. The materials need to be removed to obtain appropriate capacity. • The south maintenance building was also found with problems. Grey colored, turbid water was observed running into a drop inlet. The flow was tracked to a broken pipe coming from a sink. A small pipe was observed actively flowing to the sink. The source of this water was not determined at the time of the site visit. This was the source of the runoff going to the inlet. Since the site visit the pipe has been repaired and the flow is directed to the sanitary sewer. Other pipes were observed with flow, some likely air conditioner condensate though without proper labeling, and inclusion on the site map cannot be verified. • Two power washers were observed onsite that if used are not currently authorized for discharge. The permit only includes stormwater with wash water not included. From discussions with Mr. Wagoner, power washing, vehicle rinse and conveyer belt washing does occur at the site. This information will be passed on to the permit writer for inclusion in the new permit due to be issued by the end of this year. None of the non-stormwater discharges are listed or included on the site map.

INSPECTION COMMENTS (continued):	
	Many of these problems appear to be ongoing issues that should be found and corrected during the routine site inspections. Reviews of the recent inspection records do not find any of these issues and problems documented and corrected. See comments below for the information provided in the site inspections.
	While at the facility the Stormwater Pollution Prevention Plan (SWP3) and the Operation and Maintenance (O&M) Manual were observed. The SWP3 on site was signed on 10/13/12; the O&M Manual is dated January 2007. These documents were also provided for review electronically along with a discharge log, inspection, training and rainfall records. The annual Stormwater Management Evaluation, due each year by February 10th, also serves as the comprehensive site compliance evaluation. The SWP3 appears to be complete with some minor edits required. Quarterly visual inspection (monitoring) in section 3.4 state that discharges are controlled by a valve and are scheduled. This section further notes that the samples are to be collected from an event of 0.1" and at least 72 hours from the previously measurable storm event. Since the discharge is controlled, it may not be associated with a specific rain event. Typically most discharges are conducted relative to the volume of water within the system and in anticipation of heavy rains to appropriately manage the freeboard within the ponds. This section can be changed to reflect the manual discharge. A quarterly site inspection frequency is noted in the SWP3 with a checklist included in the document. The check list is not being used for the routine site inspections. The current inspection provides: date reported and completed/closed; the area and a description. No findings are noted for any of the records reviewed with last four quarters of records provided. In consideration of the observations noted above the routine inspections are not finding and correcting the issues that are obviously present. The inspection routine does need to be expanded and the check list can be used though that too should be expanded. Four areas are found for the check list including; coal storage area, petroleum storage areas, maintenance areas and stormwater ponds. With multiple petroleum storage and maintenance areas present it may be appropriate to have specific areas identified and checked. This should help eliminate the issues observed. Additional areas can include the locomotive parking areas, all of the stormwater conveyances systems and the controls within that system. Section 4.5 of the plan also reports that "If applicable, follow-up procedures will be used to ensure that appropriate actions are taken in response to the inspections". As noted, there were no issues reported nor follow up information provided. The SWP3 also includes a form for the comprehensive site compliance evaluation though that is not used either. A review of the annual report finds a short review for the evaluation noting those that performed the inspections and that there were no situations that constituted non-compliance. The site conditions appear to be ongoing problems that should have been identified in the routine inspections and then reported in the annual evaluation. Additionally, detailed below, sampling for the second semi-annual period for 2015 was not completed and should have been noted as a non-compliance issue for the facility.
	Only one item noted for the O&M Manual; it reports a previous Regional Director for the agency.
	<u>Laboratory Records review</u> The 1st semi-annual 2015 monitoring was reviewed with no problems noted. A review of the agency files found information concerning missed monitoring for the 2nd semi-annual 2015 monitoring. A review of the eDMR filed for this period finds a report of "No Discharge". This is incorrect with discharges reported every month for the monitoring period. This report needs to be revised to reflect that discharges did occur but there was no monitoring conducted. A review of the monthly reports for March, April and May found no issues.

FACILITY: Dominion Terminal Associates LLP **VA0057576**

	COMPLIANCE RECOMMENDATIONS FOR ACTION
	Update the site map to include all of the discharges including those non-stormwater discharges at the facility.
	Expand the routine site inspections to find and correct issues for the site including those observed during this visit.
	Insure that all aspects of permit compliance are reviewed, including sampling, and report non-compliance issues in the comprehensive site compliance evaluation.
	Resubmit the Discharge Monitoring Report for the 2nd semi-annual monitoring period eliminating the report of "no discharge" and instead report failure to monitor as required by the permit.
	Improve the housekeeping efforts around the north maintenance building; appropriately manage all materials to prevent spills and leakage. If a spill or leak does occur immediately provide for cleanup of the materials.

UNIT PROCESS:	**Effluent/Plant Outfall 001**

										YES	NO	NA
1.	Type of outfall		Shore Based	√	Submerged							
	TYPE IF SHORE BASED:											
2.	Wingwall		Headwall		Rip Rap		Pipe	√				
3.	Flapper valve present?										√	
4.	Erosion of bank area?										√	
5.	Effluent plume visible?											√
	Condition of outfall and the supporting structure?											
6.	GOOD	√	FAIR		POOR							
	FINAL EFFLUENT, EVIDENCE OF FOLLOWING PROBLEMS?											
	Oil sheen?											√
	Grease?											√
	Sludge bar?											√
	Turbid effluent?											√
	Visible foam?											√
7.	Unusual color?											√

COMMENTS:	**A discharge was not observed at the time of the visit.**

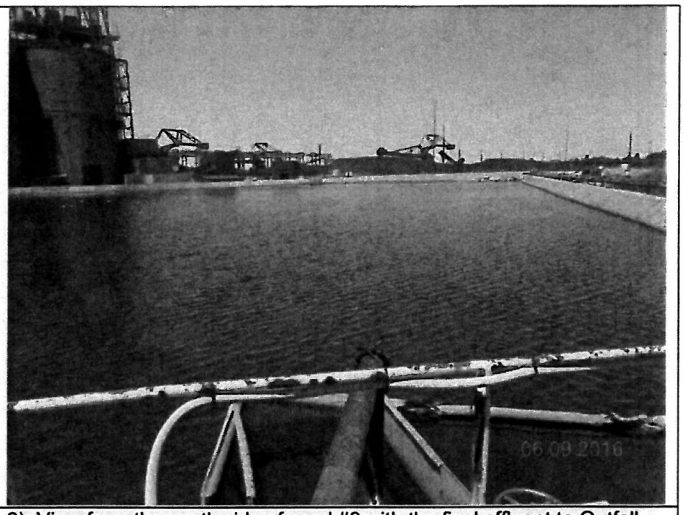
FACILITY: Dominion Terminal Associates LLP **VA0057576**

UNIT PROCESS:	INDUSTRIAL POND

										YES	NO	NA
1.	Type of filters	Aerated		Polishing	√	Unaerated						
2.	Number of cells	**3 ponds**										
3.	Number cells in operation	**3**										
4.	Operation of system											
	Series		Parallel		Other:	√						
5.	Color				Light Brown							
	Gray	√	Brown		Green		Other:					
6.	*EVIDENCE OF THE FOLLOWING PROBLEMS:*											
	Vegetation in lagoon or dikes?										√	
	Rodents burrowing on dikes?										√	
	Erosion?										√	
	Sludge bars?										√	
	Excessive foam?										√	
	Floating material?										√	
7.	If aerated, are lagoon contents mixed adequately?											√
8.	If aerated, is aeration system operating properly?											√
9.	Odors:	Septic		Earthy		None	√	Other:				
10.	Fencing intact?											√
11.	Grass maintained properly?											√
12.	Level control valves working properly?									√		
13.	Effluent discharge elevation?	Top		Middle	√	Bottom						
14.	Freeboard											
15.	Appearance of effluent?	GOOD		FAIR		POOR						√
	Are monitoring wells present?											√
	Are wells adequately protected from runoff?											√
16.	Are caps on and secured?											√

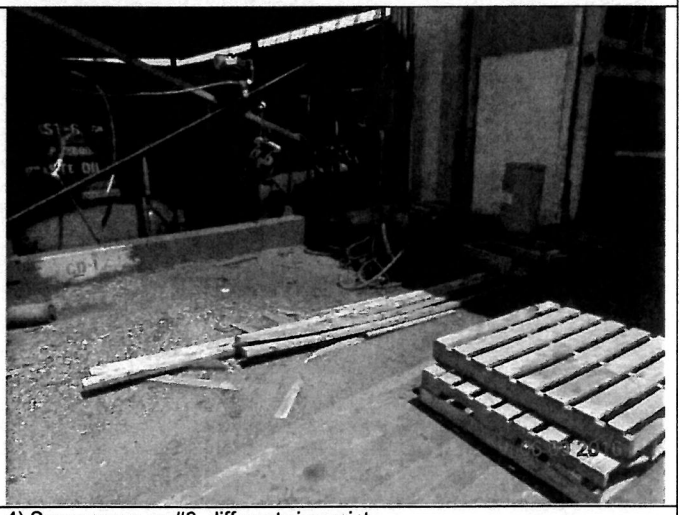
COMMENTS:	**All ponds have transfer pumps associated with them with flow from one pond to the other two possible. Final discharge is out of pond #2. The pH is adjusted using sodium hydroxide, typically added to pond #1 and recirculated from that pond to the others.**

1) Pump station #4 with water running to the station. Coal fines are captured just prior to the pump station.

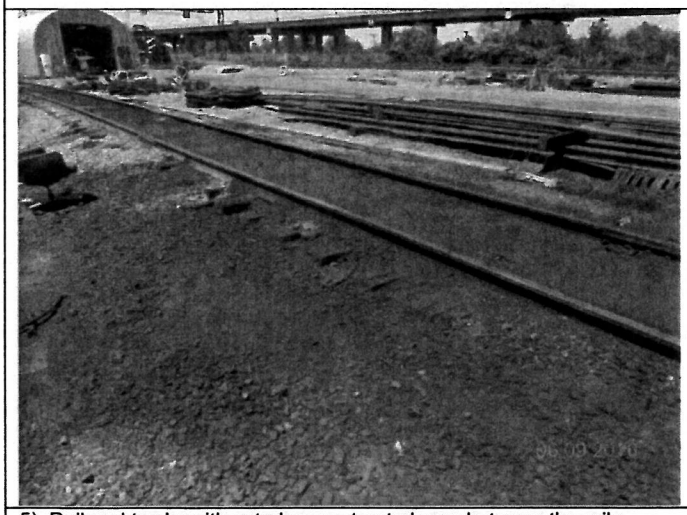


2) View from the south side of pond #2 with the final effluent to Outfall 001 originating just below this location. Pond #1 is directly behind this pond with #3 found behind the right corner.

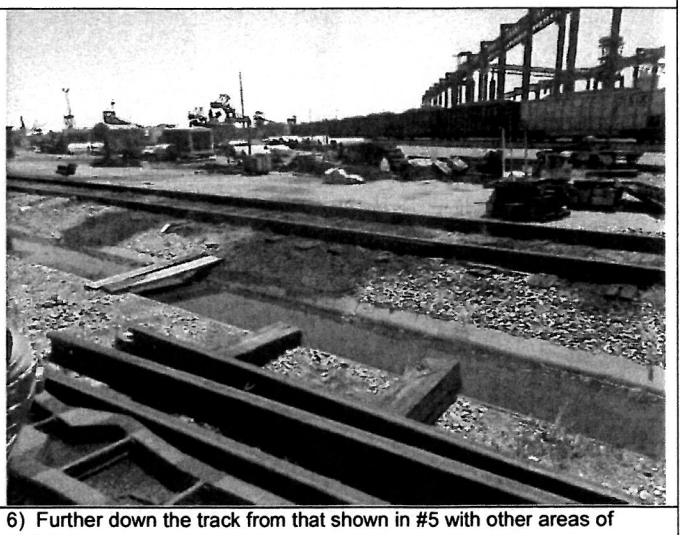
3) North maintenance building area with stained ground.



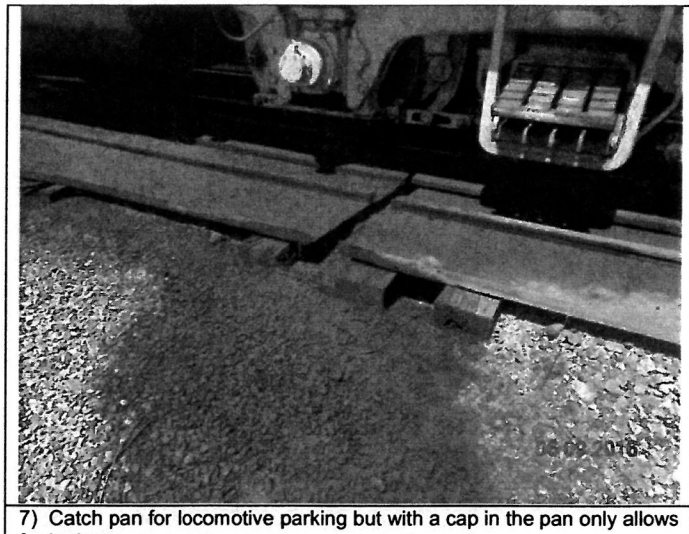
4) Same areas as #3, different viewpoint.



5) Railroad tracks with petroleum saturated area between the rails leaking to the ballast on each side of the track. This continues to the left and the building in the background.

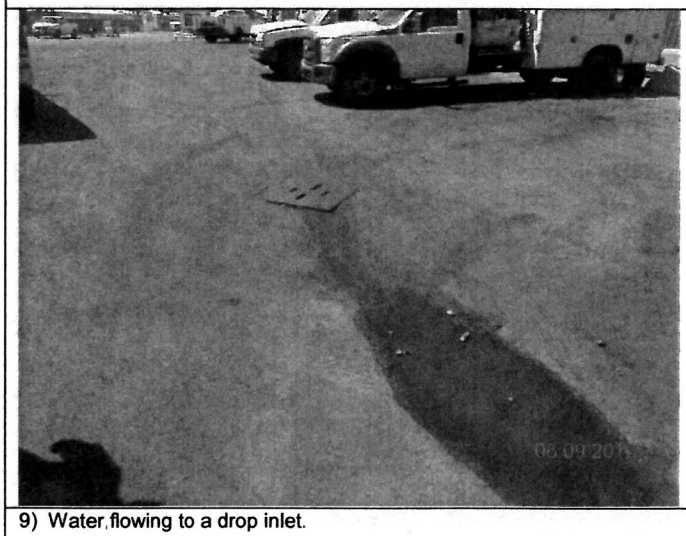


6) Further down the track from that shown in #5 with other areas of staining.



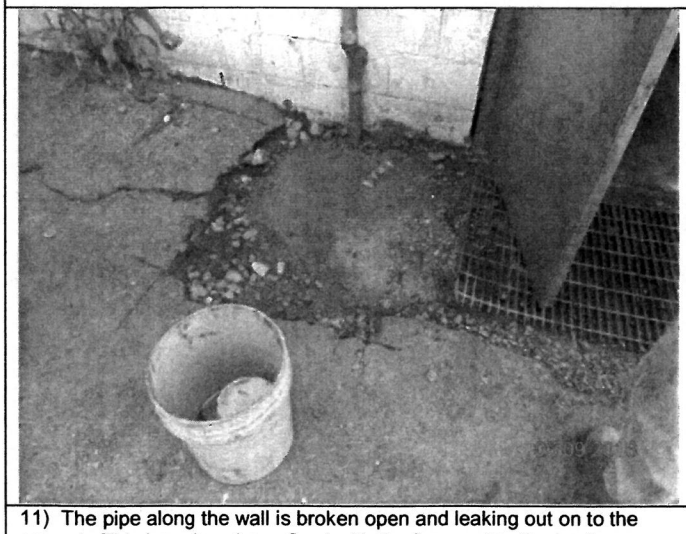
7) Catch pan for locomotive parking but with a cap in the pan only allows for leakage.

8) Tank labeled locomotive oil with the secondary containment structure almost filled. Oil was observed on the top and appears to be leaking out of the containment structure with a seam found between the two levels of the structure.

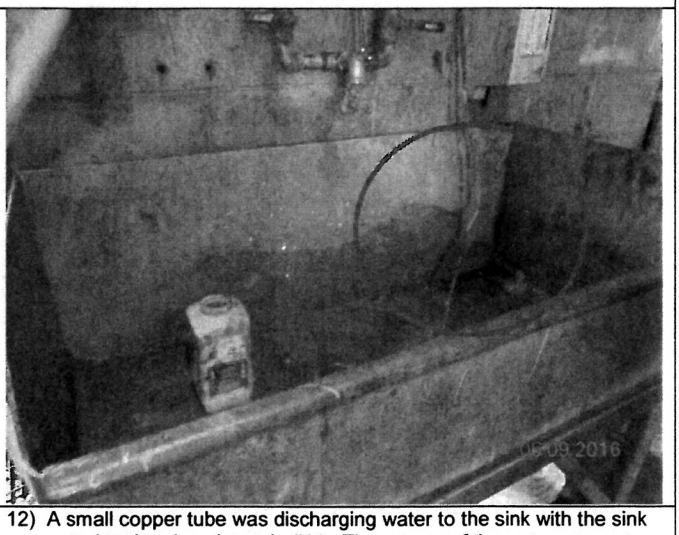


9) Water flowing to a drop inlet.

10) Source of the water traced along this flow path back to a broken pipe shown in #11.



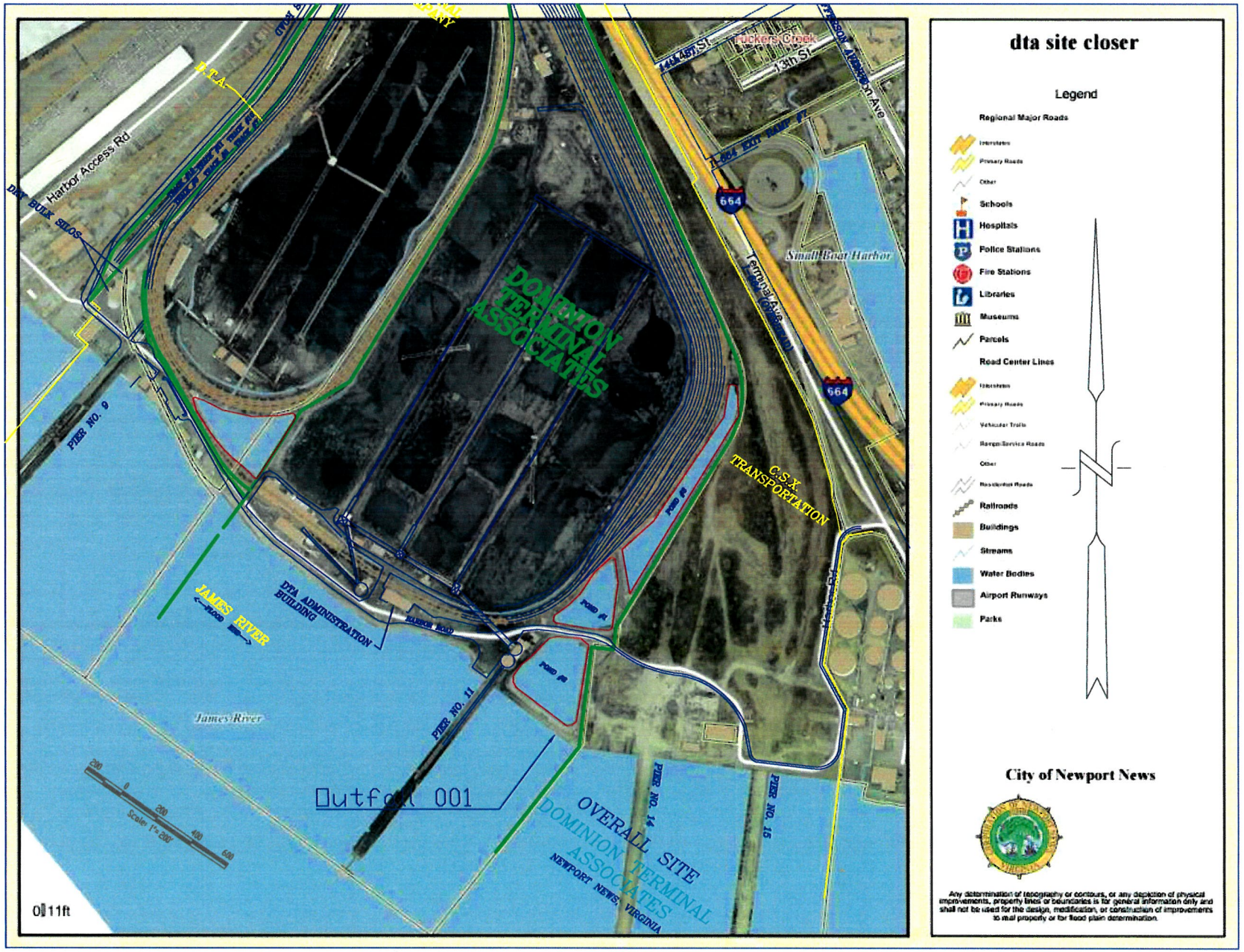
11) The pipe along the wall is broken open and leaking out on to the ground. This has since been fixed with the flow sent to the sanitary sewer.



12) A small copper tube was discharging water to the sink with the sink connected to the pipe shown in #11. The source of the water was not determined at the time of the site visit.

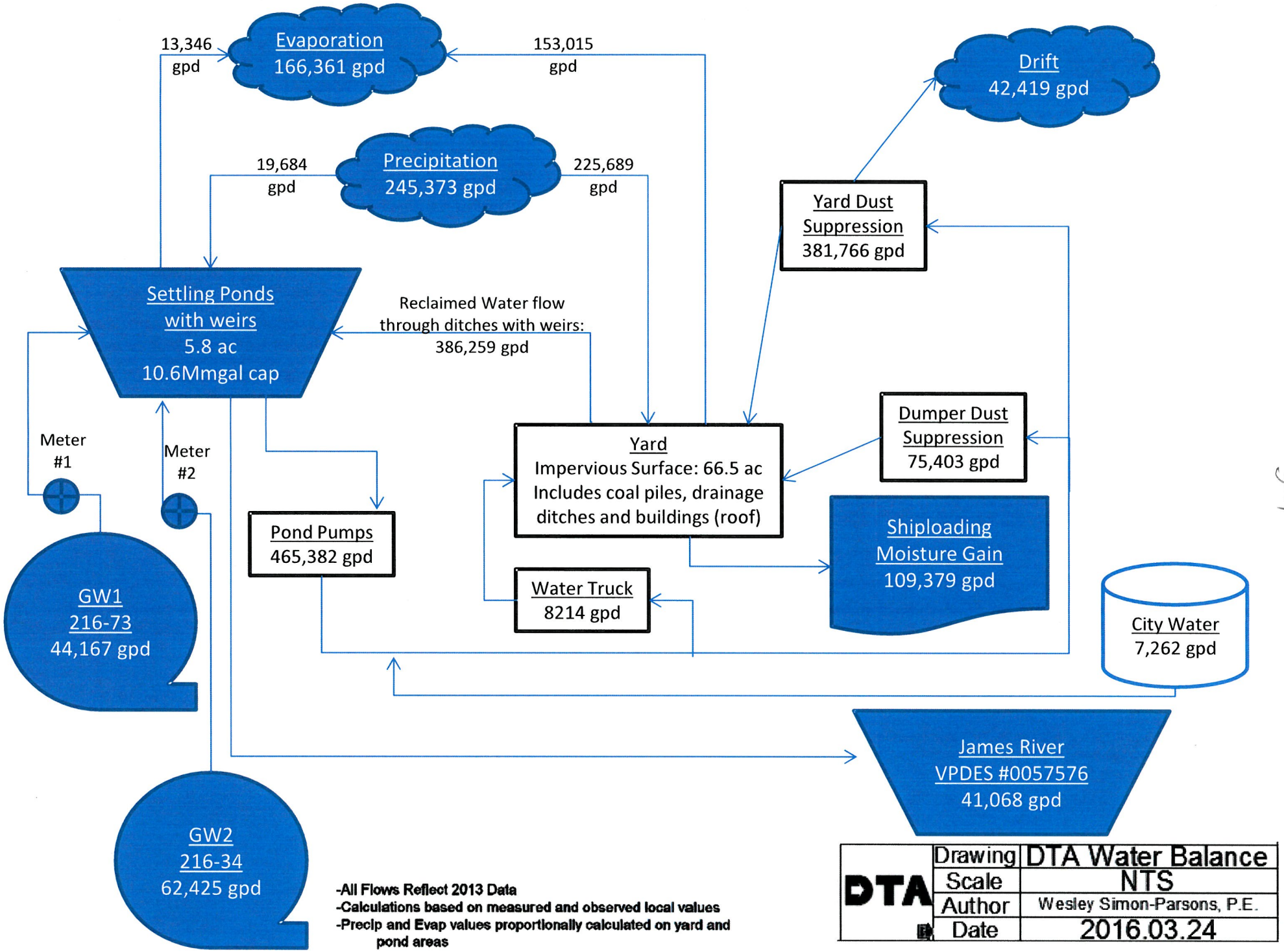
ATTACHMENT 2

DISCHARGE LOCATION/TOPOGRAPHIC MAP


dta site closer
Legend
Regional Major Roads
Schools
Hospitals
Police Stations
Fire Stations
Libraries
Museums
Parcels
Road Center Lines
Railroads
Buildings
Streams
Water Bodies
Airport Runways
Parks
City of Newport News
Any determination of topography or contours, or any depiction of physical improvements, property lines or boundaries is for general information only and shall not be used for the design, modification, or construction of improvements to real property or for flood plain determination.
Harbor Access Rd
DUST BULK SILOS
DOMINION TERMINAL ASSOCIATES
Small Boat Harbor
Terminal Avenue
664
C.S.X. TRANSPORTATION
PIER NO. 9
JAMES RIVER
DTA ADMINISTRATION BUILDING
POND #1
POND #2
POND #3
PIER NO. 11
James River
Outfall 001
PIER NO. 14
PIER NO. 15
OVERALL SITE
DOMINION TERMINAL ASSOCIATES
NEWPORT NEWS, VIRGINIA
Scale 1"=200'
0 11ft

ATTACHMENT 3

SCHEMATIC/PLANS & SPECS/SITE MAP/ WATER BALANCE


13,346 gpd
Evaporation 166,361 gpd
153,015 gpd
Drift 42,419 gpd
19,684 gpd
Precipitation 245,373 gpd
225,689 gpd
Yard Dust Suppression 381,766 gpd
Settling Ponds with weirs 5.8 ac 10.6Mmgal cap
Reclaimed Water flow through ditches with weirs: 386,259 gpd
Meter #1
Meter #2
Yard Impervious Surface: 66.5 ac Includes coal piles, drainage ditches and buildings (roof)
Dumper Dust Suppression 75,403 gpd
Pond Pumps 465,382 gpd
Water Truck 8214 gpd
Shiploading Moisture Gain 109,379 gpd
GW1 216-73 44,167 gpd
City Water 7,262 gpd
James River VPDES #0057576 41,068 gpd
GW2 216-34 62,425 gpd
-All Flows Reflect 2013 Data
-Calculations based on measured and observed local values
-Precip and Evap values proportionally calculated on yard and pond areas
DTA
Drawing DTA Water Balance
Scale NTS
Author Wesley Simon-Parsons, P.E.
Date 2016.03.24

ATTACHMENT 4

TABLE I - DISCHARGE/OUTFALL DESCRIPTION

TABLE I

NUMBER AND DESCRIPTION OF OUTFALLS

OUTFALL NO.	DISCHARGE LOCATION	DISCHARGE SOURCE (1)	TREATMENT (2)	FLOW (3)
001	36 57 30 N 076 25 15 W River Mile: 2-JMS000.55	Coal Pile dust suppression runoff combined with all other site storm water runoff; Dust suppression runoff, vehicle/equipment rinse activity runoff	Two sedimentation ponds followed by a polishing pond w/ chemical addition and neutralization	1.01 MGD

(1) List operations contributing to flow
(2) Give brief description, unit by unit
(3) Give maximum 30-day average flow for industry and design flow for municipal

ATTACHMENT 5

TABLE II - EFFLUENT MONITORING/LIMITATIONS

TABLE II - INDUSTRIAL EFFLUENT LIMITATIONS/MONITORING

OUTFALL # 001
Outfall Description: storm water runoff from the entire coal facility, dust suppression water runoff, and vehicle/equipment rinse activity runoff
SIC CODE: 4491 (coal shipping facility)
(X) Final Limits ( ) Interim Limits Effective Dates - From: Effective To: Expiration

PARAMETER & UNITS	BASIS FOR LIMITS	MULTIPLIER OR PRODUCTION	EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
			MONTHLY AVERAGE	MINIMUM	MAXIMUM	FREQUENCY	SAMPLE TYPE
Flow (MGD)	3		NL	NA	NL	1/3Month	Est
pH (S.U.)	3		NA	6.0	9.0	1/3Month	Grab
TSS (mg/l)	3		NA	NA	50	1/3Month	Grab
Total Phosphorus (mg/l) [c]	3		2.0	NA	NA	1/Year	Grab
Total Nitrogen (mg/l) [a] [b] [c] [d]	3		NA	NA	NL	1/Year	Calc
Total Petroleum Hydrocarbons (mg/l) [a]	3		NA	NA	NL	1/Year	Grab
Total Kjeldahl Nitrogen (mg/l) [a] [c] [d]	3		NA	NA	NL	1/Year	Grab
Nitrite + Nitrate (mg/l) [a] [c] [d]	3		NA	NA	NL	1/Year	Grab

NA = NOT APPLICABLE; NL = NO LIMIT, MONITORING REQUIREMENT ONLY
1/3 Months = In accordance with the following schedule: 1st quarter (January 1 - March 31); 2nd quarter (April 1 - June 30); 3rd quarter (July 1 - September 30); 4th quarter (October 1 - December 31).
1/Year = Between January 1st and December 31st
Upon issuance of the permit, Discharge Monitoring Reports (DMRs) shall be submitted to the regional office at the frequency required by the permit regardless of whether an actual discharge occurs. In the event that there is no discharge for the monitoring period, then "no discharge" shall be reported on the DMR.
[a] See Parts I.B.4. and I.B.5. for quantification levels and reporting requirements, respectively.
[b] Total Nitrogen (TN), is the sum of TKN and Nitrite + Nitrate, shall be derived from the results of those tests.
[c] See Parts I.B.5.f.(1) and I.B.5.f.(2) for additional information, quantification levels and reporting requirements pertaining to total nitrogen, total Kjeldahl nitrogen (TKN), nitrite plus nitrate and total phosphorus.
[d] See Part I.C.2. for benchmark concentration values.
The basis for the limitations codes are:
1. Technology (e.g., Federal Effluent Guidelines)
2. Water Quality Standards (9 VAC 25-260 et. seq.)
3. Professional Judgment

ATTACHMENT 6

EFFLUENT LIMITATIONS/MONITORING RATIONALE/SUITABLE DATA/ ANTIDEGRADATION/ANTIBACKSLIDING

Dominion Terminal Associates
Effluent Limitations Rationale
Outfall #001

Storm water and coal pile dust suppression water and vehicle/equipment rinse water are collected in concrete drainage ditches with weirs throughout the facility. Coal pile dust suppression water and vehicle/equipment rinse water can consist of a combination of groundwater, city water and recycled water from the storm water collection system. Collection ditches drain to two storm water management ponds (Pond 1, Pond 3). Sedimentation and neutralization occur in Pond 1 and Pond 3. Water from Pond 1 and/or Pond 3 can be pumped into Pond 2, where water from Pond 2 can be recycled for dust suppression or discharged as storm water. Maintenance of the ponds is a priority; all fines collected from the sedimentation ponds are returned to the coal inventory. The discharge (Outfall 001) from the facility occurs from Pond 2 via a manual valve to the James River, Chesapeake Bay watershed.

Chesapeake Bay Watershed TMDL Action Plan:
This facility is considered a non-significant discharger. Nonsignificant dischargers are subject to aggregate wasteload allocations for TP, TN and Total Suspended Solids (TSS) under the Total Maximum Daily Load (TMDL) for the Chesapeake Bay. Monitoring of TN, TP and TSS is required in order to verify the aggregate wasteload allocations. Additional nutrient monitoring has been included in the permit (TKN, nitrite + nitrate (NO_2+NO_3). Continued monitoring (currently permitted) for TP, TN and TSS are parameters also required for Ches Bay TMDL Plan in order to develop data necessary to reevaluate the Virginia point source WLAs included in the Chesapeake Bay TMDL.

Benchmark concentration values are included in this reissuance based on the General Permit for Stormwater Discharges Associated with Industrial Activity Regulation 9VAC25-151-10 et seq, and EPA Multi-Section SW General Permit. The benchmarks are the pollutant concentrations above which EPA determined represents a level of concern. The level of concern is a concentration at which storm water could potentially impair, or contribute to impairing water quality or affect human health from the ingestion of water or fish. The benchmarks are also viewed by EPA as a level below which there is little potential for water quality concerns.

Discharges from outfall 001 occur on an as needed basis. The facility uses a Marsh Mcburney flow system, where the meter is calibrated annually. Grab samples are collected from Pond 2 prior to any discharges(initiated manually). Frequency reductions have been included based on past compliance history, facility operations and discharge methods (manually activated value). Flow, pH & TSS = 1/M to 1/3Months. Outfall 001 is in good operational condition. Below is the rationale for the parameters that are monitored/limited for Outfall 001.

Flow: No limit, million gallons/day (MGD), monthly average and daily maximum monitoring required 1/3months. The flow volume is estimated. This is standard monitoring for industrial facilities based on best professional judgment. Flow monitoring should be monitored at the same frequency as the most-frequent monitored parameter which is 1/M (i.e. pH).

pH: 6.0 s.u. minimum, 9.0 s.u. maximum limits, 1/3month monitoring by a grab sample. Monitoring is in accordance with professional judgment and for the protection of water quality; Water Quality Standards (9 VAC 25-260-50) limits pH to the range of 6.0-9.0 for Coastal Waters of the State.

Total Suspended Solids: 50 mg/l daily maximum, 1/3month by a grab sample. Previous permit term data revealed consistent low levels of TSS, therefore this permit action will reduce monitoring frequency from 1/months to 1/3 months. 31 data points, avg. is 7.5 mg/l; which is 15% of limit. The decision basis is PJ based upon the Water Quality

Standards 9 VAC 25-260-20 A. which states that State Waters shall be free from substances attributable to sewage, industrial waste, or other wastes with interfere with the designated uses of the water body. The Standard states that the specific substances to be controlled include but are not limited to: floating debris, scum, substances that produced sludge deposits, etc. TSS is also a good indicator of the effectiveness of the facility SWPPP. PJ facility activities which include managing coal on site to be limited to 50 mg/l TSS as in "steam electric power generation plants". Nutrient monitoring for nonsignificant discharges included in the TMDL. Monitoring of TN, TP and TSS is required in order to verify the aggregate wasteload allocations.

Total Phosphorus: Limit of 2.0 mg/l monthly average, 1/Year monitoring by a grab sample. Reduced monitoring (1/6 months to 1/year) based on 6 data points, average 0.04 mg/l, which is 2% of limit. Basis for this limit are the Regulation for Nutrient Enriched Waters (9VAC 25-260-330), antidegradation regulation 9 VAC 25-260-30 and antibacksliding regulation 9 VAC 25-31-320, professional judgment and determination of compliance with the permit. Nutrient monitoring for nonsignificant discharges included in the Phase I Watershed Implementation Plan (WIP 1), November 29, 2010. Monitoring of TN, TP and TSS is required in order to verify the aggregate wasteload allocations.

Total Nitrogen: No limit, monthly average, 1/Year monitoring, reported as a calculated sum of TKN and NO2+NO3 sample results. Previous permit term data revealed consistent low levels of TN, therefore this permit action will reduce monitoring frequency from 1/6 months to 1/Year. Nutrient monitoring for nonsignificant discharges included in the Phase I Watershed Implementation Plan (WIP 1), November 29, 2010. Monitoring of TN, TP and TSS is required in order to verify the aggregate wasteload allocations.

Total Petroleum Hydrocarbons: No limit, daily maximum, 1/Year monitoring by a grab sample. Previous permit term data revealed consistent low levels of TPH, therefore this permit action will reduce monitoring frequency from 1/6 months to 1/Year. The decision basis is Professional Judgment. Due to the nature of the activities and materials stored at the facility and the area of the facility that drains to outfall 001, TPH monitoring is appropriate. Monitoring will show the effectiveness of the SWPPP. This monitoring is consistent with other coal storage facilities and collection of data will allow evaluation of possible impact of the discharge on the receiving stream and determination of compliance with the permit.

NEW TO THIS PERMIT .....
TKN, Nitrite+Nitrate (NO_2+NO_3)

No limit; daily maximum monitoring, mg/l, 1/Year based on professional judgment facility activities and requirements for nutrient monitoring for non-significant discharges included in the Phase I (WIP 1), November 29, 2010. Sample type shall be grab

DELETED during this permit reissuance

Dissolved Copper, Nickel and Zinc: DELETE monitoring and reporting for these metals based on evaluation of data during this permit term and the previous permit term. A total of 7 data points were evaluated for each parameter, Dissolved Copper, Dissolved Nickel and Dissolved Zinc resulting in NO EXCEEDANCES to WQS criteria. It is professional judgment to curtail monitoring and reporting of these parameters.

Monitoring Period 2011-2015

OUTFALL 001											
Parameter	**Monitoring Data (ug/l)**										**2x's Acute Criterion**
Dis Cu	8	2	3	6	4	5					33
Dis Ni	9	35	87	82	60	134					148
Dis Zn	23	14	67	47	8	75					180

SALT WATER

COPPER
Salt Water Acute Criterion = 16.3 ug/l
SC = 16.3 X 2 = 32.6 = **33 ug/l**

NICKEL
Salt Water Acute Criterion = 74 ug/l
SC = 74 X 2 = **148 ug/**l

ZINC
Salt Water Acute Criterion = 90 ug/l
SC = 90 X 2 = **180 ug/l**

Permit No	Facility Name	Outfall Number	Due Date	Parameter Description	Qavg	Lim-Avg	Qmax	Lim-Max	Cmin	Lim-Min	Cavg	Lim-Avg	Cmax	Lim-Max	Ex Lim
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-13	FLOW	2.2	NL	2.2	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-13	FLOW	2.244	NL	2.244	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-13	FLOW	0.7244	NL	0.7244	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-May-13	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-13	FLOW	.6242	NL	.6242	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	FLOW	1.1687	NL	1.1687	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-13	FLOW	.9844	NL	0.9844	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-13	FLOW	1.1525	NL	1.1525	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-13	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-13	FLOW	3.7423	NL	3.7423	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-13	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	FLOW	2.0603	NL	2.0603	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-14	FLOW	2.232	NL	2.232	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-14	FLOW	0.864	NL	0.864	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-14	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-May-14	FLOW	1.152	NL	1.152	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-14	FLOW	0.972	NL	0.972	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	FLOW	.072	NL	.072	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-14	FLOW	0.36	NL	0.36	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-14	FLOW	1.08	NL	1.08	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-14	FLOW	17	NL	17	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-14	FLOW	.0036	NL	.0036	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-14	FLOW	.036	NL	.036	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	FLOW	1.872	NL	1.872	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-15	FLOW	2.196	NL	2.196	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-15	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-15	FLOW	.0054	NL	.0054	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-May-15	FLOW	.0144	NL	.0144	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-15	FLOW		NL		NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	FLOW	2.808	NL	2.808	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-15	FLOW	2.736	NL	2.736	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-15	FLOW	.072	NL	.072	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-15	FLOW	0.972	NL	0.972	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-15	FLOW	3.528	NL	3.528	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-15	FLOW	1.26	NL	1.26	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	FLOW	.936	NL	.936	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-16	FLOW	3.96	NL	3.96	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-16	FLOW	3.168	NL	3.168	NL		**********		**********		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	pH		**********		**********		6.0		**********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-13	pH		**********		**********	7.8	6.0		**********	7.8	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-13	pH		**********		**********	8.5	6.0		**********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-13	pH		**********		**********	7.7	6.0		**********	7.7	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-May-13	pH		**********		**********		6.0		**********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-13	pH		**********		**********	8.5	6.0		**********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	pH		**********		**********	8.3	6.0		**********	8.3	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-13	pH		**********		**********	7.9	6.0		**********	7.9	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-13	pH		**********		**********	7.4	6.0		**********	7.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-13	pH		**********		**********		6.0		**********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-13	pH		**********		**********	8.5	6.0		**********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-13	pH		**********		**********		6.0		**********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	pH		**********		**********	8.5	6.0		**********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-14	pH		**********		**********	8.0	6.0		**********	8.0	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-14	pH		**********		**********	7.4	6.0		**********	7.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-14	pH		**********		**********		6.0		**********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-May-14	pH		**********		**********	8.1	6.0		**********	8.1	9.0	

Permit No	Facility Name	Outfall Number	Due Date	Parameter Description	Qavg	Lim-Avg	Qmax	Lim-Max	Cmin	Lim-Min	Cavg	Lim-Avg	Cmax	Lim-Max	Ex Lim
Permit No	Facility Name	Outfall Number	Due Date	Parameter Description	Qavg	Lim-Avg	Qmax	Lim-Max	Cmin	Lim-Min	Cavg	Lim-Avg	Cmax	Lim-Max	Ex Lim
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-14	pH		*********		*********	8.3	6.0		*********	8.3	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	pH		*********		*********	8.5	6.0		*********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-14	pH		*********		*********	8.2	6.0		*********	8.2	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-14	pH		*********		*********	8.1	6.0		*********	8.1	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-14	pH		*********		*********	8.5	6.0		*********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-14	pH		*********		*********	8.4	6.0		*********	8.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-14	pH		*********		*********	8.5	6.0		*********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	pH		*********		*********	8.7	6.0		*********	8.7	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-15	pH		*********		*********	8.3	6.0		*********	8.3	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-15	pH		*********		*********		6.0		*********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-15	pH		*********		*********	8.6	6.0		*********	8.6	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-May-15	pH		*********		*********	7.7	6.0		*********	7.7	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-15	pH		*********		*********		6.0		*********		9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	pH		*********		*********	8.5	6.0		*********	8.5	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-15	pH		*********		*********	7.0	6.0		*********	7.0	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-15	pH		*********		*********	8.4	6.0		*********	8.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-15	pH		*********		*********	8.4	6.0		*********	8.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-15	pH		*********		*********	8.2	6.0		*********	8.2	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-15	pH		*********		*********	8.4	6.0		*********	8.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	pH		*********		*********	7.6	6.0		*********	7.6	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-16	pH		*********		*********	8.4	6.0		*********	8.4	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-16	pH		*********		*********	7.6	6.0		*********	7.6	9.0	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-13	TSS		*********		*********		*********		*********	4.2	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-13	TSS		*********		*********		*********		*********	2.4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-13	TSS		*********		*********		*********		*********	2.7	50	
VA0057576	Dominion Terminal Associates LLP	001	10-May-13	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-13	TSS		*********		*********		*********		*********	10	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	TSS		*********		*********		*********		*********	7.8	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-13	TSS		*********		*********		*********		*********	3.3	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-13	TSS		*********		*********		*********		*********	6.9	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-13	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-13	TSS		*********		*********		*********		*********	30	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-13	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	TSS		*********		*********		*********		*********	7.9	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-14	TSS		*********		*********		*********		*********	3.6	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-14	TSS		*********		*********		*********		*********	4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-14	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-May-14	TSS		*********		*********		*********		*********	2.6	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-14	TSS		*********		*********		*********		*********	7.9	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	TSS		*********		*********		*********		*********	7.4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-14	TSS		*********		*********		*********		*********	7.4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-14	TSS		*********		*********		*********		*********	4.4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-14	TSS		*********		*********		*********		*********	24	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-14	TSS		*********		*********		*********		*********	6.7	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-14	TSS		*********		*********		*********		*********	7.2	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	TSS		*********		*********		*********		*********	5.8	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-15	TSS		*********		*********		*********		*********	4.3	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-15	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-Apr-15	TSS		*********		*********		*********		*********	3.8	50	
VA0057576	Dominion Terminal Associates LLP	001	10-May-15	TSS		*********		*********		*********		*********	6.4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jun-15	TSS		*********		*********		*********		*********		50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	TSS		*********		*********		*********		*********	16.9	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Aug-15	TSS		*********		*********		*********		*********	6.1	50	

Permit No	Facility Name	Outfall Number	Due Date	Parameter Description	Qavg	Lim-Avg	Qmax	Lim-Max	Cmin	Lim-Min	Cavg	Lim-Avg	Cmax	Lim-Max	Ex Lim
Permit No	Facility Name	Outfall Number	Due Date	Parameter Description	Qavg	Lim-Avg	Qmax	Lim-Max	Cmin	Lim-Min	Cavg	Lim-Avg	Cmax	Lim-Max	Ex Lim
VA0057576	Dominion Terminal Associates LLP	001	10-Sep-15	TSS		**********		**********		**********		**********	8.1	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Oct-15	TSS		**********		**********		**********		**********	8.9	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Nov-15	TSS		**********		**********		**********		**********	4.4	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Dec-15	TSS		**********		**********		**********		**********	8.5	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	TSS		**********		**********		**********		**********	5	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Feb-16	TSS		**********		**********		**********		**********	3.2	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Mar-16	TSS		**********		**********		**********		**********	5.8	50	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********	.08	2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********	<0.02	2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********	<.02	2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********	.02	2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********	.06	2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********	.02	2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	PHOSPHORUS, TOTAL (AS P)		**********		**********		**********		2.0		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	NITROGEN, TOTAL (AS N)		**********		**********		**********	.5	NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	NITROGEN, TOTAL (AS N)		**********		**********		**********	0.6	NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	NITROGEN, TOTAL (AS N)		**********		**********		**********	0.5	NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	NITROGEN, TOTAL (AS N)		**********		**********		**********	.8	NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	NITROGEN, TOTAL (AS N)		**********		**********		**********	0.7	NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	NITROGEN, TOTAL (AS N)		**********		**********		**********	0.4	NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	NITROGEN, TOTAL (AS N)		**********		**********		**********		NL		**********	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********	<0.5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********	<0.5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********	<0.5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********	<0.5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********	<0.5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********	<0.5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	PETROLEUM HYDROCARBONS, TOTAL RE		**********		**********		**********		**********		NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********	8	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********	2	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********	3	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********	6	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********	4	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********	5	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	COPPER, DISSOLVED (UG/L AS CU)		**********		**********		**********		**********		NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********	9	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********	35	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********	87	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********	82	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********	6	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********	134	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	NICKEL, DISSOLVED (UG/L AS NI)		**********		**********		**********		**********		NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-13	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********	23	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-13	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********	14	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-14	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********	67	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-14	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********	47	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-15	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********	8	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jul-15	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********	75	NL	
VA0057576	Dominion Terminal Associates LLP	001	10-Jan-16	ZINC, DISSOLVED (AS ZN) (UG/L)		**********		**********		**********		**********		NL	

ANTIDEGRADATION CALCULATIONS/BASELINES

All values in ug/l unless otherwise noted.

PARAMETER	SALTWATER CRITERIA (SW)		OTHER SURFACE WATERS CRITERIA	INSTREAM BACKGROUND DATA (Expected Value*)	ANTIDEGRADATION BASELINE			WATER QUALITY WASTE LOAD ALLOCATION (WQ-WLA)			ANTIDEGRADATION WASTE LOAD ALLOCATION (AD-WLA)		
	ACUTE	CHRONIC			ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH
METALS													
Antimony			4300										
Arsenic													
Arsenic III	69	36											
Barium													
Cadmium	43	9.3											
Chromium III													
Chromium VI	1100	50											
Copper	5.9	3.8											
Iron													
Lead	240	9.3											
Manganese													
Mercury	2.1	.025	.053										
Nickel	75	8.3	4600										
Selenium	300	71	11000										
Silver	2.3												
Zinc	95	86											
PESTICIDES/PCB'S													
Aldrin	1.3	.13	.0014										
Chlordane	.09	.004	.0059										

ANTIDEGRADATION CALCULATIONS/BASELINES

All values in ug/l unless otherwise noted.

PARAMETER	SALTWATER CRITERIA (SW)		OTHER SURFACE WATERS CRITERIA	INSTREAM BACKGROUND DATA (Expected Value*)	ANTIDEGRADATION BASELINE			WATER QUALITY WASTE LOAD ALLOCATION (WQ-WLA)			ANTIDEGRADATION WASTE LOAD ALLOCATION (AD-WLA)		
	ACUTE	CHRONIC			ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH
Chlorpyrifos (Dursban)	.011	.0056											
DDD			.0084										
DDE			.0059										
DDT	.13	.001	.0059										
Demeton		.1											
2,4-dichloro-phenoxy acetic acid (2,4-D)													
Dieldrin	.71	.0019	.0014										
Endosulfan	.034	.0087	240										
Endrin	.037	.0023	.81										
Guthion		.01											
Heptachlor	.053	.0036	.0021										
Hexachloro-cyclohexane (Lindane)	.16	.01	25										
Kepone		0											
Malathion		.1											
Methoxychlor		.03											
Mirex		0											
Parathion													
PCB-1242		.03	.00045										
PCB-1254		.03	.00045										
PCB-1221		.03	.00045										
PCB-1232		.03	.00045										

All values in ug/l unless otherwise noted.

PARAMETER	SALTWATER CRITERIA (SW)		OTHER SURFACE WATERS CRITERIA	INSTREAM BACKGROUND DATA (Expected Value*)	ANTIDEGRADATION BASELINE			WATER QUALITY WASTE LOAD ALLOCATION (WQ-WLA)			ANTIDEGRADATION WASTE LOAD ALLOCATION (AD-WLA)		
	ACUTE	CHRONIC			ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH
PCB-1248		.03	.00045										
PCB-1260		.03	.00045										
PCB-1016		.03	.00045										
Toxaphene	.21	.0002	.0075										
2-(2,4,5-Trichlor-phenoxy) propionic acid (Silvex)													
BASE NEUTRAL EXTRACTABLES													
Acenaphthene			2700										
Anthracene			110000										
Benzo(a) anthracene			.49										
Benzo(b) fluoranthene			.49										
Benzo(k) fluoranthene			.49										
Benzo(a)pyrene			.49										
Butyl benzyl phthalate			5200										
Chrysene			.49										
Dibenz(a,h) anthracene			.49										
Dibutyl phthalate			12000										
1,2-Dichloro-benzene			17000										

ANTIDEGRADATION CALCULATIONS/BASELINES

All values in ug/l unless otherwise noted.

PARAMETER	SALTWATER CRITERIA (SW)		OTHER SURFACE WATERS CRITERIA	INSTREAM BACKGROUND DATA (Expected Value*)	ANTIDEGRADATION BASELINE			WATER QUALITY WASTE LOAD ALLOCATION (WQ-WLA)			ANTIDEGRADATION WASTE LOAD ALLOCATION (AD-WLA)		
	ACUTE	CHRONIC			ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH
1,3-Dichloro-benzene			2600										
1,4-Dichloro-benzene			2600										
Diethyl phthalate			120000										
Di-2-Ethylhexyl phthalate			59										
2,4-Dinitro-toluene			91										
Fluoranthene			370										
Fluorene			14000										
Indeno (1,2,3-cd) pyrene			.49										
Isophorone			490000										
Nitrobenzene			1900										
Pyrene			11000										
1,2,4 Trichloro-benzene			950										
VOLATILES													
Benzene			710										
Bromoform			3600										
Carbon Tetrachloride			45										
Chlorodibromo-methane			57000										
Chloroform			4700										

ANTIDEGRADATION CALCULATIONS/BASELINES

All values in ug/l unless otherwise noted.

PARAMETER	SALTWATER CRITERIA (SW)		OTHER SURFACE WATERS CRITERIA	INSTREAM BACKGROUND DATA (Expected Value*)	ANTIDEGRADATION BASELINE			WATER QUALITY WASTE LOAD ALLOCATION (WQ-WLA)			ANTIDEGRADATION WASTE LOAD ALLOCATION (AD-WLA)		
	ACUTE	CHRONIC			ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH
Dichloromethane			16000										
Dichlorobromo-methane			460										
1,2-Dichloro-ethane			990										
1,1-Dichloro-ethylene			17000										
Ethylbenzene			29000										
Monochlorobenzene			21000										
Tetrachloro-ethylene			3500										
Toluene			200000										
Trichloro-ethylene			810										
Vinyl Chloride			5300										
ACIDS EXTRACTABLES													
2-Chlorophenol			400										
2,4 Dichlorophenol			790										
2,4 Dimethylphenol			2300										
Pentachloro-phenol	13	7.9	82										
Phenol			4600000										
2,4,6-Trichloro-phenol			65										

All values in ug/l unless otherwise noted.

PARAMETER	SALTWATER CRITERIA (SW)		OTHER SURFACE WATERS CRITERIA	INSTREAM BACKGROUND DATA (Expected Value*)	ANTIDEGRADATION BASELINE			WATER QUALITY WASTE LOAD ALLOCATION (WQ-WLA)			ANTIDEGRADATION WASTE LOAD ALLOCATION (AD-WLA)		
	ACUTE	CHRONIC			ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH	ACUTE	CHRONIC	HUMAN HEALTH
MISCELLANEOUS													
Ammonia (as NH3-N)	**	**											
Chlorides													
Chlorine, Total Residual	13	7.5											
Cyanide	1	1	215000										
Dioxin			1.2[(2)]										
Fecal Coliform (N/CML)													
Foaming Agents (as MBAS)													
Hydrogen Sulfide		2											
Nitrate													
Sulfate													
Total Dissolved Solids													
Tributyltin	.36	.001											

* -- The expected value is calculated by the WLA computer model.

** -- See ammonia tables in the Water Quality Standards

ATTACHMENT 7

SPECIAL CONDITIONS RATIONALE

VPDES PERMIT PROGRAM
LIST OF SPECIAL CONDITIONS RATIONALE

Name of Condition:

B. OTHER REQUIREMENTS OR SPECIAL CONDITIONS

1.a. Water Quality Standards Reopener

Rationale: The VPDES Permit Regulation, 9 VAC 25-31-220 D requires effluent limitations to be established which will contribute to the attainment or maintenance of water quality criteria.

1.b. Total Maximum Daily Load (TMDL) Reopener

Rationale: For specified waters, Section 303(d) of the Clean Water Act requires the development of total maximum daily loads necessary to achieve the applicable water quality standards. The TMDL must take into account seasonal variations and a margin of safety. In addition, Section 62.1-44.19:7 of the State Water Control Law requires the development and implementation of plans to address impaired waters, including TMDLs. This condition allows for the permit to be either modified or, alternatively, revoked and reissued to incorporate the requirements of a TMDL once it is developed. In addition, the reopener recognizes that, in according to Section 402(o)(1) of the Clean Water Act, limits and/or conditions may be either more or less stringent than those contained in this permit. Specifically, they can be relaxed if they are the result of a TMDL, basin plan or other wasteload allocation prepared under Section 303 of the Act.

2. Operations & Maintenance (O & M) Manual

Rationale: The State Water Control Law, Section 62.1-44.21 allows requests for any information necessary to determine the effect of the discharge on State waters. Section 401 of the Clean Water Act requires the permittee to provide opportunity for the state to review the proposed operations of the facility. In addition, 40 CFR 122.41 (e) requires the permittee, at all times, to properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) in order to achieve compliance with the permit (includes laboratory controls and QA/QC).

3. Notification Levels

Rationale: The VPDES Permit Regulation, 9 VAC 25-31-200 and 40 CFR 122.42 (a) require notification of the discharge of certain parameters at or above specific concentrations for existing manufacturing, commercial mining and silvicultural discharges.

4. Quantification Levels Under Part I.A.

Rationale: States are authorized to establish monitoring methods and procedures to compile and analyze data on water quality, as per 40 CFR part 130, Water Quality Planning and Management, subpart 130.4. Section b. of the special condition defines QL and is included per BPJ to clarify the difference between QL and MDL.

5. Compliance Reporting Under Part I.A.

Rationale: Defines reporting requirements for toxic parameters and some conventional parameters with quantification levels to ensure consistent, accurate reporting on submitted reports.

6. Materials Handling and Storage

Rationale: The VPDES Permit Regulation, 9 VAC 25-31-50 A., prohibits the discharge of any wastes into State waters unless authorized by permit. The State Water Control Law, Sec. 62.1-44.18:2, authorizes the Board to prohibit any waste discharge which would threaten public health or safety, interfere with or be incompatible with treatment works or water use. Section 301 of the Clean Water Act prohibits the discharge of any pollutant unless it complies with specific sections of the Act.

7. Minimum Freeboard

Rationale: Minimize the discharge of untreated wastewater to the groundwater or surface waters.

8. Toxics Management Program (TMP)

Rationale: To determine the need for pollutant specific and/or whole effluent toxicity limits as may be required by the VPDES Permit Regulation, 9 VAC 25-31-220 D. and 40 CFR 122.44 (d). See Attachment 9 of this fact sheet for additional justification.

C. STORM WATER MANAGEMENT CONDITIONS

1. Sampling Methodology for Specific Outfall 001

Rationale: Defines methodology for collecting representative effluent samples in conformance with applicable regulations.

2. Benchmark Concentration Values

Rationale: In accordance with VPDES general permit for discharges of storm water associated with industrial activity, 9VAC25-151-10 et seq.

3. General Storm Water Conditions

a. Quarterly Visual Examination of Storm Water Quality

Rationale: This condition requires that visual examinations of storm water outfalls take place at a specified frequency and sets forth what information needs to be checked and documented. These examinations assist with the evaluation of the pollution prevention plan by providing a simple, low cost means of assessing the quality of storm water discharge with immediate feedback. Use of this condition is a BPJ determination based on the EPA storm water multi-sector general permit for industrial activities and is consistent with that permit.

b. Allowable Non-Storm Water Discharges

Rationale: The listed allowable non-storm water discharges are the same as those allowed by the EPA in their multi-sector general permit, and are the same non-storm water discharges allowed under the Virginia General VPDES Permit for Discharges of Storm Water Associated with Industrial Activity, 9 VAC 25-151-10 et seq. Allowing the same non-storm water discharges in VPDES individual permits provides consistency with other storm water permits for industrial facilities. The non-storm water discharges must meet the conditions in the permit.

c. Releases of Hazardous Substances or Oil in Excess of Reportable Quantities

Rationale: This condition requires that the discharge of hazardous substances or oil from a facility be eliminated or minimized in accordance with the facility's storm water pollution prevention plan. If there is a discharge of a material in excess of a reportable quantity, it establishes the reporting requirements in accordance with state laws and federal regulations. In addition, the pollution prevention plan for the facility must be reviewed and revised as necessary to prevent a reoccurrence of the spill. Use of this condition is a BPJ determination based on the EPA storm water multi-sector general permit for industrial activities and is consistent with that permit.

4. Storm Water Pollution Prevention Plan

Rationale: The Clean Water Act 402(p) (2) (B) requires permits for storm water discharges associated with industrial activity. VPDES permits for storm water discharges must establish BAT/BCT requirements in accordance with 402(p)(3) of the Act. The Storm Water Pollution Prevention Plan is the vehicle proposed by EPA in the final NPDES General Permits for Storm Water Discharges Associated with Industrial Activity (Federal Register Sept 9, 1992) to meet the requirements of the Act. Additionally, the VPDES Permit Regulation, 9 VAC 25-31-220 K., and 40 CFR 122.44 (k) allow BMPs for the control of toxic pollutants listed in Section 307 (a)(1), and hazardous substances listed in Section 311 of the Clean Water Act where numeric limits are infeasible or BMPs are needed to accomplish the purpose/intent of the law.

ATTACHMENT 8

TOXICS MONITORING/TOXICS REDUCTION/ WET LIMIT RATIONALE

8-1

MEMORANDUM

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard Virginia Beach, VA 23462

SUBJECT: Toxics Management Program (TMP) testing for DTA (VA0057576)

TO: Debbie Thompson

FROM: Deanna Austin

DATE: 6/15/2016

Dominion Terminal Associates is a coal transportation facility. Coal is shipped by sea vessel for both domestic and export use. The facility can also handle petroleum coke and limestone but mostly handles coal.

There is one permitted outfall, 001, that discharges coal pile dust suppression, wash down water, and stormwater runoff. There are a series of settling ponds prior to the outfall. All water flows into a ditching system and into the ponds prior to discharge.

During the most recent permit term, the facility monitored *Americamysis bahia* (A.b.) for acute toxicity on an annual basis from outfall 001. The data received from this testing is shown below. There have been no issues with toxicity during the most recent permit term or the previous permit term. Based upon the nature of the operation and the potential for toxicity issues, it is proposed that toxicity monitoring continue, however, the frequency can be reduced to biennially. The Stormwater Management condition in the permit has been removed, therefore toxicity monitoring will move to its own special condition.

NPID	OUTFALL	DESCRIPT	SPECIES	SAMPLEDT	LC50	SURVIVAL	TU	LAB
VA0057576	001	Annual SW Acute	A.b.	1/13/15	100	100	1	CBI
VA0057576	001	Annual SW Acute	A.b.	1/10/14	100	100	1	CBI
VA0057576	001	Annual SW Acute	A.b.	1/10/13	100	100	1	CBI
VA0057576	001	Annual SW Acute	A.b.	2/14/12	100	100	1	CBI

A.b. - *Americamysis bahia*

The following TMP language is recommended for the reissuance of the DTA permit (VA0057576).

8. Whole Effluent Toxicity Monitoring

The permittee shall conduct **biennial (1/2year) acute toxicity tests** at outfall 001 using grab samples of final effluent. The acute screening test shall be a 48-hour static test using Americamysis bahia, conducted in such a manner and at sufficient dilutions for calculation of a valid LC50. The test shall be conducted on a calendar year basis with one copy of all **results and all supporting information submitted by the 10th of the month following the sampling date but no later than January 10th of each year.**

Test procedures and reporting shall be in accordance with the WET testing methods cited in 40 CFR 136.3

If any of the biological screening tests are invalidated, an additional test shall be conducted within thirty (30) days of notification. If there is no discharge during this 30-day period, a sample must be taken during the first qualifying discharge.

Sampling methodology for the noted outfall shall be in accordance with Part I.A. and Part I.C. of this permit. **Toxicity sampling shall be conducted at the same time as the sampling for Part I.A. for outfall 001.**

The first sample is due by 1/10/18 for the 2017 sample. The second sample is due by 1/10/20 for the 2019 sample.

ATTACHMENT 9

MATERIAL STORED

Dominion Terminal Associates LLC

9-1

CHEMICALS PURCHASED BY DESCRIPTION
Dominion Terminal Associates LLC

This list represents products purchased, but not all items are always stored at the facility.

Control No.	Description	Unit	Bin	Qty OH
Non-Stock	Items not stocked are ordered as needed, or in the case of bulk lubricants, vendor checks tank levels and tops off tanks as needed.			
9900000003	FLUID,TRANSMISSION	DRM		NA
9900000006	Grease - EP0, 400#	DRM	4000	NA
9900000007	Grease,EP0-120#	PL		NA
9900000008	Grease,EP2-35#	PL		NA
9900000010	Lubricant, GEAR TEXACO 85/140 DRUM	DRM		NA
9900000011	OIL, HYDRAULIC 46 AW	DRM		NA
9900000013	OIL, RPM 15W40 -- DRUMS	DRM		NA
9900000017	HD ISO10 Chevron Rando,Old # Velocite #6	DRM	4000	NA
9900000019	Oil,Locomotive Engine,Zinc Free	DRM		NA
9900000026	Lubricant, Chain & Cable Fluid for WIRE ROPE Lut	EA		NA
9900000036	OMNITASK WHITMORE, EP-0, 120#	PL		NA
9900000037	Omnitask, Whitmore EP-0, 400# Drum	DRM		NA
9900000040	GREASE	PL		NA
9900000041	Grease,Open Gear	EA		NA
9900000044	GREASE, WHITMORE EP2 120#	PL		NA
9900000046	Texaco Motor Oil 10 W - Bulk	GAL	ST-4	NA
9900000047	Texaco Heavy Duty Motor Oil - 15W40 - Bulk	GAL		NA
9900000048	Mobil trans 30w drive train oil	GAL	ST-3	NA
9900000049	Texaco Rando HD46 W/Red Dye-Bulk	GAL	ST-5	NA
9900000050	Texaco Gear Lubricant 85/140 - Bulk	GAL	ST-1	NA
9900000056	Rando HD46 Bulk Hydraulic oil w/ red dye	GAL	ST-10	NA
9900000067	25% Sodium Hydroxide in Tote Tanks	GAL		NA
9901000002	Diesel Fuel -- Off road	GAL	ST-18	NA
9901000003	Kerosene	GAL	ST-15	NA
9901000004	Gas Additive	EA		NA
9901000005	Additive Fuel Injection STP	EA		NA
9902000002	Multi Purpose Cleaner	DRM		NA
9902000008	Cleaner,Glass	EA		NA
9902000039	Microduster	EA		NA
9911000005	Antifreeze-55 Gal drum ETHYLENE GLYCOL	DRM		NA
9912000003	Muriatic Acid 20 -- 31.5%	DRM		NA
Stock	Stock items are controlled by wrehouse personnel in an effort to maintain levels of stock.			
9900000002	Oil, Aircraft Hydraulic Oil 5606G Pet. Base	GAL	4000	54.00
9900000005	Fluid,Transmission w/Mercon	EA	SC0001	23.00
9900000009	Grease,EP1-120#	EA	4000	3.00
9900000016	Grease,EP1-400#	EA	4000	5.00
9900000025	Lube,Chain and Cable Lubriplate	EA	SC0002	31.00
9900000030	Oil, Thread Cutting	EA	SC0001	14.00
9900000031	Oil Cutting Tap Magic	EA	SC0001	13.00
9900000032	Additive Gear Guard, 1 Qt.	EA	SC0002	4.00
9900000033	Oil 2 Cycle	EA	SC0002	2.00
9900000034	Lube Moly Liebherr - one case =10-issue each	EA	SC0002	5.00
9900000035	Lubricant, Wire Pulling (1 Gallon)	EA	D60041	1.00
9900000039	Grease ,EP 2-400# Texaco	DRM	4000	0.00

9-2

Control No.	Description	Unit	Bin	Qty OH
9900000042	Grease, Omnitask EP-2 400#	EA	4000	1.00
9900000043	Zoom Spout Oiler	EA	SC0001	10.00
9900000061	Electrical Coating, Scotchkote 3M, 15 oz.	EA	SC0001	2.00
9900000063	Almagard, (50/Case)	EA	SC0002	26.00
9900000068	Oil,1605	DRM	4000	0.00
9900000069	Grease,Soy Tempflex		4000	8.00
9900000070	Grease, Whitmore Omnitask EP-1 400 # drum(55ga	DRM	4000	2.00
9900000071	Mobilgear 600 XP 320	DRM	POS BLDG	2.00
9900000072	Mobilefluid 424 (5 gallon pail)	PL	4000	2.00
9900000076	Wire Rope Grease (5 gallon bucket)	EA	4000	4.00
9900000077	Mag Separator Oil, Mobil Exxon Univolt N61	EA	4000	1.00
9900010008	Desiccant, Dry-o-Lite Air Dryer Chemical 50# Bag	EA	A10201	2.00
9900040020	Loctite 510	EA	SC0003	5.00
9902000031	Battery, Protective Spray N0-C0	EA	SC0001	3.00
9902000032	Cleaner, Battery N0-C0	EA	SC0001	2.00
9902000033	Contact, Cleaner, Supersol	EA	SC0003	22.00
9902000034	Cleaner, PVC	EA	SC0001	1.00
9902000038	Electro Solv Cable, Cleaner (order from Pro Chem)	EA	SC0002	12.00
9904000003	Cement, PVC	EA	SC0001	1.00
9904000004	Loctite	EA	SC0003	1.00
9904000005	Loctite, Threadlocker 10 ml	EA	SC0003	8.00
9904000006	Loctite, 10 ml	EA	SC0003	2.00
9904000008	Loctite (50 ml Bottle)	EA	SC0003	3.00
9904000009	Loctite Quick Set Adhesive	EA	SC0003	13.00
9904000010	Adhesive Form-a-gasket	EA	SC0003	6.00
9904000011	Adhesive, Super Weatherstrip	EA	SC0003	6.00
9904000012	Epoxy Devcon	EA	SC0003	4.00
9904000013	Bluing,Prussian 35V Permatex	EA	SC0003	5.00
9904000014	Caulk, Silicone, Clear, Caulking Gun Size	EA	SC0002	19.00
9904000015	Gasket Permatex Hi-Temp	EA	SC0003	16.00
9904000018	Locktite, Quick Metal	EA	SC0003	7.00
9904000019	Loctite Removable Threadlocker	EA	SC0003	4.00
9905000004	Anti-Seize, Brush On (51003 Spray)	EA	SC0001	6.00
9905000005	Compound Pipe	EA	SC0001	3.00
9905000007	Compound Thread w/Teflon, Loctite	EA	SC0003	8.00
9905000008	Sealant Permatex	EA	SC0001	2.00
9905000009	Sealant, Pneumatic & Hydraulic, Loctite	EA	SC0003	9.00
9905000011	ITW Devcon 15984 FL-40	EA	N50013	11.00
9905000013	Putty,ITW Devcon Hi-Performance 1# 15330	EA	N40021	24.00
9905000014	Devcon R-Flex for belt repair	EA	J10037	11.00
9908000013	Fluid Bl. Layout	EA	SC0003	2.00
9908000014	Paint, Spray Black	EA	SC0002	12.00
9908000015	Paint,Blue Spray	EA	SC0002	8.00
9908000016	Paint ,Red	EA	SC0002	12.00
9908000017	Primer,Grey	EA	SC0002	14.00
9908000018	Paint,Yellow Spray	EA	SC0002	11.00
9908000019	Paint, Spray Flourescent Orange	EA	SC0002	26.00
9908000020	Paint, White Spray	EA	SC0002	6.00
9908000030	Paint, Spray Cold Galvinizing Rustoleum	EA	SC0001	6.00
9908000031	Leak Seal, Clear	EA	SC3	9.00
9910000001	Gum Cutter	EA	SC0003	89.00

9-3

Control No.	Description	Unit	Bin	Qty OH
9910000002	Lubricant	EA	SC0003	12.00
9910000003	Lubricant	EA	SC0003	25.00
9910000004	Degreaser, Electrical Blaster	EA	SC0003	17.00
9910000009	Hill Speedy Degreaser #5313	EACH	SC0001	17.00
9911000001	Fluid Power Steering Radiator Specialty	EA	SC0003	5.00
9911000002	Fluid Starting	EA	SC0003	7.00
9911000003	Oil Penetrating	EA	SC0003	49.00
9911000004	Anti-Splatter Spray	EA	D30033	3.00
9911000007	DIETHYLENE GLYCOL FREEZE PROOFING	DRM	OPS QHUT	2.00

9-4

Thompson, Debra (DEQ)

From: Dan Wagoner <dwagoner@dominionterminal.com>
Sent: Wednesday, June 01, 2016 8:14 AM
To: Thompson, Debra (DEQ)
Subject: RE: VPDES Permit No VA0057576 Dominion Terminal Associates LLC

Sorry, I forgot to answer the other part of your question: Coal types Stored onsite!

Coal types stored include Metallurgical and Thermal. We currently have 26 separate and distinct piles. They are separated first by owner, then by Met or Thermal, then by other quality characteristics so that blending of qualities can be accomplished to attain the quality desired to meet a customer's specifications.

I'm not sure if that completely answers your question as there are probably too many characteristics of the various coals handled to totally categorize them all, but if you need more information, let me know.

Dan No Salt Storage!

-----Original Message-----
From: Dan Wagoner
Sent: Tuesday, May 31, 2016 4:50 PM
To: 'Thompson, Debra (DEQ)'
Subject: RE: VPDES Permit No VA0057576 Dominion Terminal Associates LLC

Here you go. Here's the new updated list.

Be well.

Dan

-----Original Message-----
From: Thompson, Debra (DEQ) [mailto:Debra.Thompson@deq.virginia.gov]
Sent: Tuesday, May 31, 2016 10:41 AM
To: Dan Wagoner
Subject: RE: VPDES Permit No VA0057576 Dominion Terminal Associates LLC

Happy Tuesday, Debbie

-----Original Message-----
From: Dan Wagoner [mailto:dwagoner@dominionterminal.com]
Sent: Thursday, May 26, 2016 1:50 PM
To: Thompson, Debra (DEQ)
Subject: RE: VPDES Permit No VA0057576 Dominion Terminal Associates LLC

Perfect, Thanks!

Sent from my Verizon, Samsung Galaxy smartphone

-------- Original message --------

ATTACHMENT 10

RECEIVING WATERS INFO./ TIER DETERMINATION/STORET DATA/ STREAM MODELING

10-1

Planning Permit Review

Date: 4/15/2016

To: Kristie Britt, TRO

Permit Writer: **Debra Thompson**

Facility: **Dominion Terminal Associates LLP**

Permit Number: **VA0057576**

Issuance, Reissuance or Modification (if Modification describe): **Reissue**

Permit Expiration Date: **12/4/2016**

Waterbody ID (ex: VAT-G15E): **VAT-G11E**

Topo Name: **Newport News North**

Facility Address: *600 Harbor Road, Newport News, VA 23607*

Receiving Stream: Attached are topographic maps showing facility property boundaries and outfall(s) locations for those included in this request.

Stream Name: Hampton Roads/James River	
Stream Data Requested?	
Outfall #: 001	**Lat Lon: 36 57 30 -76 25 00**
Outfall #:	**Lat Lon:**
Outfall #:	**Lat Lon:**
Stream Name (2):	
Stream Data Requested?	
Outfall #:	**Lat Lon:**
Outfall #:	**Lat Lon:**
Outfall #:	**Lat Lon:**

If greater than 2 receiving streams or 3 outfalls per stream please provide a separate table with outfall listings and Latitude Longitude description.

Planning Review:

303 (d): Indicate Outfalls which discharge directly to an impaired (Category 5) stream segment and parameters impaired	
Outfall 001 discharges to impaired segment VAT-G11E_JMS03A06, James River. The segment is impaired for Aquatic Life and Chesapeake Bay Open Water Aquatic Life Use (DO, Chl a) and Fish Consumption Use (PCB). See Attachment 1.	
Tier Determination	
Tier	The Tier 1 determination is maintained. See Attachment 1.
Tier	
Management Plan	
Is the facility Referenced in a Management Plan?	No
Are limits contained in a Management Plan?	No

Review will be completed in 30 days of receipt of request.

Additional Comments:

Application 2C data in PLANNING folder KNB 5/2/2016

(84°F).

w. Cancelled.

x. Clinch River from the confluence of Dumps Creek at river mile 268 at Carbo downstream to river mile 255.4. The special water quality criteria for copper (measured as total recoverable) in this section of the Clinch River are 12.4 µg/l for protection from chronic effects and 19.5 µg/l for protection from acute effects. These site-specific criteria are needed to provide protection to several endangered species of freshwater mussels.

y. Tidal freshwater Potomac River and tidal tributaries that enter the tidal freshwater Potomac River from Cockpit Point (below Occoquan Bay) to the fall line at Chain Bridge. During November 1 through February 14 of each year the 30-day average concentration of total ammonia nitrogen (in mg N/L) shall not exceed, more than once every three years on the average, the following chronic ammonia criterion:

$$\left(\frac{0.0577}{1 + 10^{7.688-pH}} + \frac{2.487}{1 + 10^{pH-7.688}} \right) \quad x\ 1.45(10^{0.028(25-MAX)})$$

MAX = temperature in °C or 7, whichever is greater.

The default design flow for calculating steady state waste load allocations for this chronic ammonia criterion is the 30Q10, unless statistically valid methods are employed which demonstrate compliance with the duration and return frequency of this water quality criterion.

z. A site specific dissolved copper aquatic life criterion of 16.3 µg/l for protection from acute effects and 10.5 µg/l for protection from chronic effects applies in the following area:

Little Creek to the Route 60 (Shore Drive) bridge including Little Channel, Desert Cove, Fishermans Cove and Little Creek Cove.

Hampton Roads Harbor including the waters within the boundary lines formed by I-664 (Monitor-Merrimac Bridge Tunnel) and I-64 (Hampton Roads Bridge Tunnel), Willoughby Bay and the Elizabeth River and its tidal tributaries.

This criterion reflects the acute and chronic copper aquatic life criterion for saltwater in 9VAC25-260-140 B X a water effect ratio. The water effect ratio was derived in accordance with 9VAC25-260-140 F.

aa. The following site-specific dissolved oxygen criteria apply to the tidal Mattaponi and Pamunkey Rivers and their tidal tributaries because of seasonal lower dissolved oxygen concentration due to the natural oxygen depleting processes present in the extensive surrounding tidal wetlands. These criteria apply June 1 through September 30 to Chesapeake Bay segments MPNTF, MPNOH, PMKTF, PMKOH and are implemented in accordance with subsection D of 9VAC25-260-185. These criteria supersede the open water criteria listed in subsection A of 9VAC25-260-185.

Designated use	Criteria Concentration/ Duration	Temporal Application
Open Water	30 day mean = 4.0 mg/l	June 1 - September 30
	Instantaneous minimum = 3.2 mg/l at temperatures <29°C	
	Instantaneous minimum = 4.3 mg/l at temperatures = 29°C	

A site-specific pH criterion of 5.0-8.0 applies to the tidal freshwater Mattaponi Chesapeake Bay segment MPNTF to reflect natural conditions.

bb. The following site specific numerical chlorophyll a criteria apply March 1 through May 31 and July 1 through September 30 as seasonal means to the tidal James River (excludes tributaries) segments JMSTF2, JMSTF1, JMSOH, JMSMH, JMSPH and are implemented in accordance with subsection D of 9VAC25-260-185.

Designated Use	Chlorophyll a µ/l	Chesapeake Bay Program Segment	Temporal Application
Open Water	10	JMSTF2	March 1 - May 31
	15	JMSTF1	
	15	JMSOH	
	12	JMSMH	
	12	JMSPH	
	15	JMSTF2	July 1 - September 30
	23	JMSTF1	
	22	JMSOH	
	10	JMSMH	
	10	JMSPH	

cc. For Mountain Lake in Giles County, chlorophyll a shall not exceed 6 µg/L at a depth of 6 meters and orthophosphate-P shall not exceed 8 µg/L at a depth of one meter or less.

dd. For Lake Drummond, located within the boundaries of Chesapeake and Suffolk in the Great Dismal Swamp, chlorophyll a shall not exceed 35 µg/L and total phosphorus shall not exceed 40 µg/L at a depth of one meter or less.

ee. Reserved.

ff. Reserved.

gg. Little Calfpasture River from the Goshen Dam to 0.76 miles above its confluence with the Calfpasture River has a stream condition index (A Stream Condition Index for Virginia Non-Coastal Streams, September 2003, Tetra Tech, Inc.) of at least 20.5 to protect the subcategory of aquatic life that exists here as a result of the hydrologic modification. From 0.76 miles to 0.02 miles above its confluence with the Calfpasture River, aquatic life conditions are expected to gradually recover and meet the general aquatic life uses at 0.02 miles above its confluence with the Calfpasture River.

hh. Maximum temperature for these seasonally stockable trout waters is 31°C and applies May 1 through October 31.

9VAC25-260-320. (Repealed.)

Part VIII
Nutrient Enriched Waters

9VAC25-260-330. Purpose.

The board recognizes that nutrients are contributing to undesirable growths of aquatic plant life in surface waters of the Commonwealth. This standard establishes a designation of "nutrient enriched waters". Designations of surface waters of the Commonwealth as "nutrient enriched waters" are determined by the board based upon an evaluation of the historical water quality data for one or more of the following indicators of nutrient enrichment: chlorophyll "a" concentrations, dissolved oxygen fluctuations, and concentrations of total phosphorus.

10-4

Conformance Review

Date: 8/4/2016

To: Kristie Britt, TRO

Permit Writer Debra Thompson

Facility: Dominion Terminal Associates LLP

Permit Number: VA0057576

Issuance, Reissuance or Modification (if Modification describe): Reissue

Permit Expiration Date: 12/4/2016

Waterbody ID (ex: VAT-G15E): VAT-G11E

Topo Name: Newport News North

Facility Address:

Please Review the subject VPDES permit Package [Application / Fact Sheet/ Part I] for conformance with the applicable Board Adopted plans and indicate one of the following:

	This Facility is **NOT MENTIONED** in an existing Board adopted water quality management planning document or TMDL.
	This Facility will be included
X	This Facility **IS MENTIONED** in an existing Board adopted water quality management planning document or TMDL.
Facility discharges to the Chesapeake Bay TMDL Watershed. No individual WLA assigned.	
	The Facility **APPEARS TO CONFORM** with the plans.
	This Facility **IS NOT IN CONFORMANCE** with the existing Board adopted water quality management planning document and/ or TMDL.

Review will be completed in 15 days of receipt of request.

Additional Comments:

FS and Draft Permit are on the U:/drive Permits/Water/Working Permits/VA0057576 Dominion Terminal Associates LLP
KNB 8/10/2016

ATTACHMENT 11

303(d) LISTED SEGMENTS

11-1

TMDL Permit Review

Date: 4/18/2016

To: Kristie Britt, TRO

Permit Writer: Debra Thompson

Facility: Dominion Terminal Associates, LLP.

Permit Number: VA0057576

Issuance, Reissuance or Modification (if Modification describe) : Reissue

Permit Expiration Date: 12/4/2016

Waterbody ID (ex: VAT-G15E): VAT-G11E

Topo Name: Newport News North

Facility Address: *600 Harbor Road, Newport News, VA 23607*

Receiving Stream: Attached are topographic maps showing facility property boundaries and outfall(s) locations for those included in this request.

Stream Name: Hampton Roads/James River	
Outfall #: 001	**Lat Lon: 36 57 30 - 76 25 00**
Outfall #:	**Lat Lon:**
Outfall #:	**Lat Lon:**
Stream Name (2):	
Outfall #:	**Lat Lon:**
Outfall #:	**Lat Lon:**
Outfall #:	**Lat Lon:**

If greater than 2 receiving streams or 3 outfalls per stream please provide a separate table with outfall listings and Latitude Longitude description.

Is there a design flow change? If yes give the change.

TMDL Review:

Is a TMDL IN PROGRESS for the receiving stream? Yes, PCB TMDL with an anticipated completion date in 2017.	
Has a TMDL been APPROVED that includes the receiving stream?	
Yes- see below	
If yes, Include TMDL Name, Pollutant(s) and date of approval:	
Chesapeake Bay TMDL EPA approved 12/29/2010: nitrogen, phosphorus, and TSS	
Is the facility assigned a WLA from the TMDL?	See notes below
If Yes, what is the WLA? Only use EOS Loads for Chesapeake Bay TMDL WLAs	
VA0057576 was listed in the Chesapeake Bay TMDL under Bay segment JMSMH as a non-significant discharger. Because an aggregated WLA exists, this permit did not receive an individual WLA. The aggregated WLA is presented as a delivered load for each of the impaired 92 Bay segments. (Appendix Q, Chesapeake Bay TMDL)	

Review will be completed in 30 days of receipt of request.

Additional Comments:

Application 2C data in the PLANNING folder KNB 5/2/2016

Attachment 1 11-2

2012 Impaired Waters - 303(d) List

Category 5 - Waters needing Total Maximum Daily Load Study

James River Basin

Cause Group Code / Impaired Use	Water Name / Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Date
G01E-02-EBEN	James River						
Aquatic Life	Estuarine Bioassessments	5A	31.343			2012	2024
G01E-03-PCB	James River and Various Tributaries						
Fish Consumption	PCB in Fish Tissue	5A	62.773			2002	2014
	PCB in Fish Tissue	5A	1.837			2004	2016
	PCB in Fish Tissue	5A	191.964		7.49	2006	2018
	PCB in Fish Tissue	5A	0.012			2008	2014
	PCB in Fish Tissue	5A	0.003			2010	2018
G01L-01-DO	Falling Creek Reservoir						
Aquatic Life	Oxygen, Dissolved	5A		88.37		2012	2024
G01R-01-PCB	Goode Creek						
Fish Consumption	PCB in Water Column	5A			1.25	2012	2024
G01R-02-CU	XVP - Almond Creek, UT						
Aquatic Life	Copper	5A			0.36	2012	2024
Wildlife	Copper	5A			0.36	2012	2024
G01R-02-PCB	Almond Creek						
Fish Consumption	PCB in Water Column	5A			2.36	2012	2024
G01R-02-PH	XVO and XVP (Almond Creek, UTs)						
Aquatic Life	pH	5A			0.82	2004	2016
G01R-02-ZN	XVP - Almond Creek, UT						
Aquatic Life	Zinc	5A			0.36	2012	2024
Wildlife	Zinc	5A			0.36	2012	2024
G01R-04-DO	Falling Creek						
Aquatic Life	Oxygen, Dissolved	5A			0.98	2008	2020
G01R-05-PH	Kingsland Creek						
Aquatic Life	pH	5C			8.50	2006	2018
G01R-06-PCB	Gillies Creek						
Fish Consumption	PCB in Water Column	5A			6.02	2012	2024
G01R-06-PH	Gillies Creek						
Aquatic Life	pH	5A			6.02	2004	2016
G01R-07-DO	Redwater Creek						
Aquatic Life	Oxygen, Dissolved	5C			2.94	2010	2022
G01R-09-DO	UT to James River - XPF						
Aquatic Life	Oxygen, Dissolved	5C			0.39	2004	2016
G01R-09-PH	UT to James River - XPF						
Aquatic Life	pH	5C			0.39	2004	2016
G01R-12-DO	Coles Run, UT						
Aquatic Life	Oxygen, Dissolved	5C			0.63	2006	2018

ATTACHMENT 1-1

Appendix 5 - List of Impaired (Category 5) Waters in 2012

James River Basin

***Cause Group Code:* G01E-03-PCB** **James River and Various Tributaries**

Location: Estuarine James River from the fall line to the Hampton Roads Bridge Tunnel, including several tributaries listed below.

City / County:					
	Charles City Co	Chesapeake City	Chesterfield Co	Colonial Heights City	Dinwiddie Co
	Hampton City	Henrico Co	Hopewell City	Isle Of Wight Co	James City Co
	New Kent Co	Newport News City	Norfolk City	Petersburg City	Portsmouth City
	Prince George Co	Richmond City	Suffolk City	Surry Co	Virginia Beach City
	Williamsburg City				

Use(s): Fish Consumption

Cause(s) /
VA Category: PCB in Fish Tissue / 5A

During the 2002 cycle, the James River from the Fall line to Queens Creek was considered not supporting of the Fish Consumption Use due to PCBs in multiple fish species at multiple DEQ monitoring locations.

During the 2004 cycle, a VDH Fish Consumption Restriction was issued from the fall line to Flowerdew Hundred and the segment was adjusted slightly to match the Restriction. In addition, in the 2004 cycle, the Chickahominy River from Walkers Dam to Diascund Creek was assessed as not supporting the Fish Consumption Use because the DEQ screening value for PCBs was exceeded in 3 species during sampling in 2001.

During the 2006 cycle, the VDH restriction was extended on 12/13/2004 to extend from the I-95 bridge downstream to the Hampton Roads Bridge Tunnel and include the tidal portions of the following tributaries:

Appomattox River up to Lake Chesdin Dam
Bailey Creek up to Route 630
Bailey Bay
Chickahominy River up to Walkers Dam
Skiffes Creek up to Skiffes Creek Dam
Pagan River and its tributary Jones Creek
Chuckatuck Creek
Nansemond River and its tributaries Bennett Creek and Star Creek
Hampton River
Willoughby Bay and the Elizabeth R. system (Western, Eastern, and Southern Branches and Lafayette R.) and tributaries St. Julian Creek, Deep Creek, and Broad Creek

The advisory was modified again on 10/10/2006 to add Poythress Run.

The impairments were combined. The TMDL for the lower extended portion is due in 2018.

James River and Various Tributaries **Fish Consumption**	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
PCB in Fish Tissue - Total Impaired Size by Water Type:	**256.589**		**7.49**

Sources:

Contaminated Sediments	Source Unknown	Sources Outside State Jurisdiction or Borders

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

2012 Impaired Waters (Category 4A) TMDL Approved and (Category 4B) Other Control Measures Present*

James River Basin

Cause Group Code / Impaired Use	Water Name / Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Date
JMSMH-DO-BAY	**James River CBP segment JMSMH and Tidal Tributaries**						
Aquatic Life	Oxygen, Dissolved	4A	100.291			1998	2010
	Oxygen, Dissolved	4A	18.371			2006	2010
Open-Water Aquatic Life	Oxygen, Dissolved	4A	100.291			1998	2010
	Oxygen, Dissolved	4A	18.371			2006	2010
JMSOH-DO-BAY	James River Oligohaline Estuary						
Aquatic Life	Oxygen, Dissolved	4A	48.740			2006	2010
Open-Water Aquatic Life	Oxygen, Dissolved	4A	2.212			2006	2010
JMSPH-BNUT-BAY	James River CBP segment JMSPH and Tidal Tributaries						
Aquatic Life	Nutrient/Eutrophication Biological Indicators	4A	25.011			2010	2010
JMSPH-DO-BAY	James River CBP segment JMSPH and Tidal Tributaries						
Aquatic Life	Oxygen, Dissolved	4A	0.547			2006	2010
Open-Water Aquatic Life	Oxygen, Dissolved	4A	0.547			2006	2010
JMSTFL-DO-BAY	James River Tidal Freshwater (Lower) Estuary						
Aquatic Life	Oxygen, Dissolved	4A	0.123			1994	2010
	Oxygen, Dissolved	4A	28.981			2006	2010
	Oxygen, Dissolved	4A	0.049			2008	2010
Open-Water Aquatic Life	Oxygen, Dissolved	4A	0.123			1994	2010
	Oxygen, Dissolved	4A	28.981			2006	2010
	Oxygen, Dissolved	4A	0.049			2008	2010
JMSTFL-SAV-BAY	James River Tidal Freshwater (Lower) Estuary						
Aquatic Life	Aquatic Plants (Macrophytes)	4A	29.103			2006	2010
	Aquatic Plants (Macrophytes)	4A	0.049			2008	2010
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	4A	29.103			2006	2010
	Aquatic Plants (Macrophytes)	4A	0.049			2008	2010
JMSTFU-DO-BAY	James River Tidal Freshwater (Upper) Estuary						
Aquatic Life	Oxygen, Dissolved	4A	7.773			2010	2010
JMSTFU-SAV-BAY	James River Tidal Freshwater (Upper) Estuary						
Aquatic Life	Aquatic Plants (Macrophytes)	4A	7.773			2006	2010
Shallow-Water Submerged Aquatic Vegetation	Aquatic Plants (Macrophytes)	4A	7.773			2006	2010
LAFMH-DO-BAY	Chesapeake Bay segment LAFMH (Lafayette River)						
Aquatic Life	Oxygen, Dissolved	4A	2.163			2006	2010
Open-Water Aquatic Life	Oxygen, Dissolved	4A	2.163			2006	2010
SBEMH-DO-BAY	Chesapeake Bay segment SBEMH (Southern Branch, Elizabeth River)						
Aquatic Life	Oxygen, Dissolved	4A	3.195			2006	2010
Deep-Water Aquatic Life	Oxygen, Dissolved	4A	2.446			2006	2010
Open-Water Aquatic Life	Oxygen, Dissolved	4A	3.195			2006	2010

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

2012 Impaired Waters (Category 4A) TMDL Approved and (Category 4B) Other Control Measures Present*

James River Basin

Cause Group Code / Impaired Use	Water Name / Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Date
G03R-09-BAC	Southerly Run						
Recreation	Escherichia coli	4A			2.75	2008	2020
G03R-10-BAC	Powell Creek, UT						
Recreation	Escherichia coli	4A			1.59	2008	2020
G04E-04-CHLA	James River						
Aquatic Life	Chlorophyll-a	4A	42.682			2008	2010
Open-Water Aquatic Life	Chlorophyll-a	4A	42.682			2008	2010
G05R-01-BEN	Chickahominy River, UT - Unnamed Tributary						
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	4A			1.15	1996	2004
	pH	4A			1.15	2006	2004
G05R-02-BAC	Upham Brook Watershed						
Recreation	Escherichia coli	4A			67.27	2006	2010
G06R-03-BAC	White Oak Swamp						
Recreation	Escherichia coli	4A			6.68	2006	2004
G08E-01-BAC	Morris Creek						
Recreation	Enterococcus	4A	0.396			2010	2010
G10E-01-BAC	Powhatan Creek/Sandy Bay						
Recreation	Enterococcus	4A	0.201			1998	2010
G10E-03-BAC	Mill Creek						
Recreation	Enterococcus	4A	0.075			1998	2010
G10E-04-CHLA	James River - Lower						
Aquatic Life	Chlorophyll-a	4A	126.390			2008	2010
	Chlorophyll-a	4A	0.782			2010	2010
Open-Water Aquatic Life	Chlorophyll-a	4A	126.390			2008	2010
	Chlorophyll-a	4A	0.782			2010	2010
G11E-01-BAC	Warwick River - Middle Tidal Portion						
Recreation	Enterococcus	4A	0.075			2008	2020
G11E-01-SF	Chuckatuck Creek System						
Shellfishing	Fecal Coliform	4A	0.560			1998	2010
G11E-03-BAC	Deep Creek - Lower						
Recreation	Enterococcus	4A	0.101			2006	2010
G11E-05-BAC	Pagan River - Upstream of Chalmers Point						
Recreation	Enterococcus	4A	0.178			1998	2010
G11E-06-BAC	Lawnes Creek (Tributary to James River)						
Recreation	Enterococcus	4A	0.292			2010	2022

11-b

VIRGINIA

Draft 305(b)/303(d)

WATER QUALITY INTEGRATED REPORT

to

CONGRESS and the EPA ADMINISTRATOR

for the

PERIOD

January 1, 2005 to December 31, 2010

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

DCR
Department of Conservation & Recreation
CONSERVING VIRGINIA'S NATURAL AND RECREATIONAL RESOURCES

Richmond, Virginia

March 2012

ATTACHMENT 1-5

ATTACHMENT 12

TABLE III(a) AND TABLE III(b) - CHANGE SHEETS

TABLE III(a)

VPDES PERMIT PROGRAM
Permit Processing Change Sheet

1. Effluent Limits and Monitoring Schedule: (List any changes FROM PREVIOUS PERMIT and give a brief rationale for the changes).

OUTFALL NUMBER	PARAMETER CHANGED	MONITORING LIMITS CHANGED FROM / TO	EFFLUENT LIMITS CHANGED FROM / TO	RATIONALE	DATE & INITIAL
001	Dis Cu Dis Ni Dis Zn	1/6 M to No Monitoring	No Limit to DELETE from permit	Analytical data evaluated; determination to delete from permit. Potential for pollutant impact to receiving stream is of no concern. Housekeeping, maintenance and history of compliance considered in the evaluation.	DLT 5/16
001	TP,TN,TPH	1/6 Months to 1/Year	No Change	Analytical data evaluated and determination for reduced monitoring supported by consistently low concentrations reported during this permit term.	DLT 6/16

OUTFALL NUMBER	PARAMETER CHANGED	MONITORING LIMITS CHANGED FROM / TO	EFFLUENT LIMITS CHANGED FROM / TO	RATIONALE	DATE & INITIAL
001	Flow, pH TSS	1/Month to 1/3 Months	No Change	Flow, pH=compliance history, facility operations and discharge methods support reduced frequency. **TSS**=Analytical data evaluated and determination for reduced monitoring supported by consistently low concentrations reported during this permit term.	DLT 6/16
001	TKN, NO2+NO3	NA to 1/Year	NA to No Limit	Ches Bay TMDL monitoring	DLT 6/16

OTHER CHANGES FROM:	CHANGED TO:	DATE & INITIAL
DELETE: SW Management Evaluation	Outfall TMP	DLT 5/16
QL for TPH: was 5.0 mg/l	QL for TPH changed to 1.0 mg/l	DLT 5/16
DELETE: Special Condition "z" - Site specific copper aquatic life criterion of 16.3 ug/l for Hampton Roads Harbor	Does not apply to the discharge area for this facility	DLT 6/16
ADD: Benchmark Value special condition	In accordance with SW monitoring requirements and EPA Multi-sector Permit	DLT 5/16
ADD: vehicle/equipment rinse activity water runoff to 001	Addition of this activity for the potential of flow contribution to the outfall	
ADD: Nutrient Monitoring for Ches Bay TMDL	In accord with Ches Bay TMDL conditions	

ATTACHMENT 13

NPDES INDUSTRIAL PERMIT RATING WORKSHEET

13-1

NPDES Permit Rating Work Sheet

_X_ Regular Addition
___ Discretionary Addition
___ Score change, but no status change
___ Deletion

NPDES NO: |_V_|_A__|_0__|_0__|_5__|_7__|_5__|_7__|_6__|

Facility Name:

|_D__|_O__|_M__|_I__|_N__|_I__|_O__|_N__|___|_T__|_E__|_R__|_M__|_I__|_N__|_A__|_L__|___|_A__|_S__|_S__|_O__|_C__|___|_L__|_L__|_P_|

City: |_N__|_E__|_W__|_P__|_O__|_R__|_T__|___|_N__|_E__|_W__|_S__|___|___|___|___|___|___|___|___|___|___|___|___|

Receiving Water:
|_H__|_A__|_M__|_P__|_T__|_O__|_N__|___|_R__|_O__|_A__|_D__|_S__|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

Reach Number: |_2__|_J__|_M__|_S__|_0__|_0__|_0__|_5__|_5__|___|___|

Is this facility a steam electric power plant (SIC=4911) with one or more of the following characteristics?

1. Power output 500 MW or greater (not using a cooling pond/lake)
2. A nuclear power plant
3. Cooling water discharge greater than 25% of the receiving stream's 7Q10 flow rate

___ YES: score is 600 (stop here) _X_ NO (continue)

Is this permit for a municipal separate storm sewer serving a population greater than 100,000?

___ YES; score is 700 (stop here)
_X_ NO (continue)

FACTOR 1: Toxic Pollutant Potential

PCS SIC Code: |___|___|___|___| Primary SIC Code: |_4__|_4__|_9__|_1__|

Other SIC Codes: |___|___|___|___| |___|___|___|___| |___|___|___|___| |___|___|___|___|

Industrial Subcategory Code: |_0__|_0__|_0__| (Code 000 if no subcategory)

Determine the Toxicity potential from Appendix A. Be sure to use the TOTAL toxicity potential column and check one

Toxicity Group	Code	Points	Toxicity Group	Code	Points	Toxicity Group	Code	Points
___ No process waste streams	0	0	___ 3.	3	15	___ 7.	7	35
			___ 4.	4	20	___ 8.	8	40
_X_ 1.	1	5	___ 5.	5	25	___ 9.	9	45
___ 2.	2	10	___ 6.	6	30	___ 10.	10	50

Code Number Checked: |___|_1__|

Total Points Factor 1: |___|_5__|

FACTOR 2: Flow/Stream Flow Volume *(Complete Either Section A or Section B; check only one)*

Section A--Wastewater Flow Only Considered

Wastewater Type (See Instructions)			Code	Points
Type I:	Flow < 5 MGD	___	11	0
	Flow 5 to 10 MGD	___	12	10
	Flow > 10 to 50 MGD	___	13	20
	Flow > 50 MGD	___	14	30
Type II:	Flow < 1 MGD	___	21	10
	Flow 1 to 5 MGD	_X_	22	20
	Flow > 5 to 10 MGD	___	23	30
	Flow > 10 MGD	___	24	50
Type III:	Flow < 1 MGD	___	31	0
	Flow 1 to 5 MGD	___	32	10
	Flow > 5 to 10 MGD	___	33	20
	Flow > 10 MGD	___	34	30

Section B--Wastewater and Stream Flow Considered

Wastewater Type (See Instructions)	Percent of Instream Wastewater Concentration at Receiving Stream Low Flow		Code	Points
Type I/III:	< 10%	___	41	0
	> 10% to < 50%	___	42	10
	> 50%	___	43	20
Type II:	<10%	__	51	0
	> 10% to < 50%	___	52	20
	> 50%	___	53	30

Code Checked from Section A or B: |_2__|_2__|

Total Points Factor 2: |__2_|_0__|

NPDES Permit Rating Work Sheet

NPDES No.: |_V_|_A_|_0_|_0_|_5_|_7_|_5_|_7_|_6_|

FACTOR 3: Conventional Pollutants

(only when limited by the permit)

A. Oxygen Demanding Pollutant: (check one) ___ BOD ___ COD ___ Other:_____

Permit Limits: (check one)		*Code*	*Points*
___	< 100 lbs/day	1	0
___	100 to 1000 lbs/day	2	5
___	>1000 to 3000 lbs/day	3	15
___	>3000 lbs/day	4	20

Code Checked: |___|

Points Scored: |_N_|_A_|

B. Total Suspended Solids (TSS)

Permit Limits: (check one)		*Code*	*Points*
___	< 100 lbs/day	1	0
_X_	100 to 1000 lbs/day	2	5
___	>1000 to 5000 lbs/day	3	15
___	>5000 lbs/day	4	20

Code Checked: |_2__|

Points Scored: |___|_5_|

C. Nitrogen Pollutant: (check one) ___ Ammonia ___ Other: _____

Permit Limits: (check one)		*Code*	*Points*
___	< 300 lbs/day	1	0
___	300 to 1000 lbs/day	2	5
___	>1000 to 3000 lbs/day	3	15
___	>3000 lbs/day	4	20

Code Checked: |___|

Points Scored: |_N_|_A_|

Total Points Factor 3:|___|_5__|

FACTOR 4: Public Health Impact

Is there a public drinking water supply located within 50 miles downstream of the effluent discharge (this includes any body of water to which the receiving water is a tributary)? A public drinking water supply may include infiltration galleries, or other methods of conveyance that ultimately get water from the above referenced supply.

___ YES (if yes, check toxicity potential number below)
_X_ NO (if no, go to Factor 5)

Determine the human health toxicity potential from Appendix A. Use the same SIC code and subcategory reference as in Factor 1. (Be sure to use the human health toxicity group column -- check one below)

Toxicity Group	Code	Points	Toxicity Group	Code	Points	Toxicity Group	Code	Points
___ No process waste streams	0	0	___ 3.	3	0	___ 7.	7	15
___ 1.	1	0	___ 4.	4	0	___ 8.	8	20
___ 2.	2	0	___ 5.	5	5	___ 9.	9	25
			___ 6.	6	10	___ 10.	10	30

Code Number Checked: |___|___|

Total Points Factor 4: |___|_0__|

NPDES Permit Rating Work Sheet

NPDES No.: |_V_|_A_|_0_|_0_|_5_|_7_|_5_|_7_|_6_|

FACTOR 5: Water Quality Factors

A. Is (or will) one or more of the effluent discharge limits based on water quality factors of the receiving stream (rather than technology-based federal effluent guidelines, or technology-based state effluent guidelines), or has a wasteload allocation been assigned to the discharge?

		Code	Points
___	Yes	1	10
_X_	No	2	0

B. Is the receiving water in compliance with applicable water quality standards for pollutants that are water quality limited in the permit?

		Code	Points
_X_	Yes	1	0
___	No	2	5

C. Does the effluent discharged from this facility exhibit the reasonable potential to violate water quality standards due to whole effluent toxicity?

		Code	Points
___	Yes	1	10
_X_	No	2	0

Code Number Checked: A |_2__| B |_1__| C |_2__|

Points Factor 5: A |___|_0_| + B |_0_| + C |___|_0__| = |___|_0__| **TOTAL**

FACTOR 6: Proximity to Near Coastal Waters

A. Base Score: Enter flow code here (from Factor 2): |_2__|_2__| *Enter the multiplication factor that corresponds to the flow code:* |___|___|

Check appropriate facility HPRI Code (from PCS):

	HPRI #	*Code*	*HPRI Score*
___	1	1	20
___	2	2	0
_X_	3	3	30
___	4	4	0
___	5	5	20

Flow Code	Multiplication Factor
11, 31, or 41	0.00
12, 32, or 42	0.05
13, 33, or 43	0.10
14 or 34	0.15
21 or 51	0.10
22 or 52	0.30
23 or 53	0.60
24	1.00

HPRI code checked: |_3__|

Base Score: (HPRI Score) __30_____ x (Multiplication Factor) __0.10_____ = _____3_____ (TOTAL POINTS)

B. Additional Points--NEP Program
For a facility that has an HPRI code of 3, does the facility discharge to one of the estuaries enrolled in the National Estuary Protection (NEP) program (see instructions) or the Chesapeake Bay?

		Code	Points
_X_	Yes	1	10
___	No	2	0

C. Additional Points--Great Lakes Area of Concern
for a facility that has an HPRI code of 5, does the facility discharge any of the pollutants of concern into one of the Great Lakes' 31 areas of concern (see instructions)

		Code	Points
___	Yes	1	10
_X_	No	2	0

Code Number Checked: A |_3__| B |_1__| C |_2__|

Points Factor 6: A |___|_3__| + B |_10__|___| + C |___|_0__| = |____13___| **TOTAL**

13-4

NPDES Permit Rating Work Sheet

NPDES NO: |_V_|_A_|_0_|_0_|_5_|_7_|_5_|_7_|_6_|

SCORE SUMMARY

Factor	Description	Total Points
1	Toxic Pollutant Potential	5
2	Flow/Stream flow Volume	20
3	Conventional Pollutants	5
4	Public Health Impacts	0
5	Water Quality Factors	0
6	Proximity to Near Coastal Waters	13
	TOTAL (Factors 1-6)	**43**

S1. Is the total score equal to or greater than 80? ___ Yes (Facility is a major) _X__ No

S2. If the answer to the above question is no, would you like this facility to be discretionary major?
__X_ No
___ Yes (add 500 points to the above score and provide reason below:

Reason:

_____

_____

_____

_____

_____

NEW SCORE: __43_____
OLD SCORE: ___43_____

Debra L. Thompson

_____
Permit Reviewer's Name

(757) 518-2162
Phone Number

May 6, 2016
Date

ATTACHMENT 14

OTHER PERTINENT CORRESPONDENCE/INFORMATION

14-1

COMMONWEALTH of VIRGINIA

Marissa J. Levine, MD, MPH, FAAFP
State Health Commissioner

John J. Aulbach II, PE
Director, Office of Drinking Water

DEPARTMENT OF HEALTH
OFFICE OF DRINKING WATER
Southeast Virginia Field Office

830 Southampton Avenue
Suite 2058
Norfolk, VA 23510
Phone (757) 683-2000
Fax (757) 683-2007

DATE: APR 18 2016

FROM: DBH Daniel B. Horne, PE
Engineering Field Director

TO: Debra L. Thompson
Environmental Specialist
Department of Environmental Quality – Tidewater Regional Office

CITY/COUNTY: Newport News
APPLICANT: Dominion Terminal Associates, LLP
PERMIT TYPE: VPDES
APPLICATION TYPE: Re-Issuance
PROJECT: Dominion Terminal

SUBJECT: Review response for DEQ's permit application # VA0057576

Our office has reviewed the application for Storm water and dust suppression flow.

The nearest upstream (under tidal influence) raw water intake is located approximately 22 miles from the discharge point/area. The name of the waterworks is Newport News Waterworks (PWSID No. 3700500) and the intake for the Lee Hall facility coordinates are 37.17 N, 76.56 W. The intake is also upstream of an impoundment.

There are no apparent impacts to waterworks sources as a result of this permit.

Please forward a copy of the final permit for our files.

DWT/DBH/kcb

pc: VDH, ODW – Central Office
VDH, Newport News Health Department
Mr. Rick Cole, Dominion Terminal Associates, LLP

R:\DIST21\Newport News\DEQ Permits\Dominion Terminal Associates Memo 4-15-16.docx

CEDS 4/20/16

14-2

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000 Fax (757) 518-2009
www.deq.virginia.gov

Molly Joseph Ward
Secretary of Natural Resources

David K. Paylor
Director

Maria R. Nold
Regional Director

April 18, 2016

Mr. Dan Wagoner
Engineering Director
Dominion Terminal Associates, LLP
600 Harbor Road
Newport News, VA 23607

RE: VPDES Permit Application – Dominion Terminal Associates, LLP
Permit No. VA0057576 - Newport News, VA

Dear Mr. Wagoner:

Your application for permit reissuance has been reviewed and it appears to be complete. All of the information submitted will be evaluated and action will be taken regarding incorporating appropriate revisions into the reissuance of the permit. Thank you for the timely submittal of the application information.

Other reviews of the application will be required by state and federal agencies to ensure that public health and the environment will be protected. These reviews may require that you submit additional information.

The next steps involve assembling the information necessary to develop the permit limitations and then drafting the permit. I expect to have the draft permit prepared in the next 2 months. Once the draft permit is prepared and the appropriate reviews are performed, I will transmit the draft permit and supporting documentation to you for review.

Thank you for your cooperation in submitting the completed application. If you have any questions about our procedures or the status of your draft permit, please feel free to call me at (757) 518-2162, or email at debra.thompson@deq.virginia.gov

Sincerely,

Debra L. Thompson

Debra L. Thompson
Environmental Specialist Senior

cc: DEQ ECM (VA0057576)
Wesley Simon-Parsons, P.E.
wparsons@dominionterminal.com

14-3

COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
109 Governor Street, Room 614-B
Richmond, VA 23219

Ph: 804-864-7487
Fax: 804-864-7481

MEMORANDUM

DATE: 4/29/2016

TO: Debra L. Thompson
Department of Environmental Quality

FROM: B. Keith Skiles, MPH, Director
Division of Shellfish Sanitation

SUBJECT: Dominion Terminal Associates LLP

City / County: Newport News

Waterbody: James River

Type: ☑ VPDES ☐ VMRC ☐ VPA ☐ VWP ☐ JPA ☐ Other:

Application / Permit Number: VA0057576

☐ The project will not affect shellfish growing waters.

☐ The project is located in or adjacent to approved shellfish growing waters, however, the activity as described will not require a change in classification.

☑ The project is located in or adjacent to condemned shellfish growing waters and the activity, as described, will not cause an increase in the size or type of the existing closure.

☐ The project will affect condemned shellfish waters and will not cause an increase in the size of the total condemnation. However, a prohibited area (an area from which shellfish relay to approved waters for self-purification is not allowed) will be required within a portion of the currently condemned area. See comments.

☐ A buffer zone (including a prohibited area) has been previously established in the vicinity of this discharge, however, the closure will have to be revised. Map attached.

☐ This project will affect approved shellfish waters. If this discharge is approved, a buffer zone (including a prohibited area) will be established in the vicinity of the discharge. Map attached.

☐ Other.

ADDITIONAL COMMENTS:

Area #: 57

eta

14-4

Thompson, Debra (DEQ)

From: Dan Wagoner <dwagoner@dominionterminal.com>
Sent: Tuesday, June 28, 2016 7:38 AM
To: Thompson, Debra (DEQ)
Subject: RE: Permit comments

Debbie,
All looks good. We are okay with proceeding to public notice.

Thank you,

Dan

From: Thompson, Debra (DEQ) [mailto:Debra.Thompson@deq.virginia.gov]
Sent: Monday, June 27, 2016 11:58 AM
To: Dan Wagoner
Subject: FW: Permit comments

Good Morning Dan,

Attached are the revised pages of the draft permit, factsheet and public notice. Please review and advise if your questions/comments were adequately addressed. Once you approve the revisions, let me know if you also approve proceeding to public notice.

I have sent you (via USPS mail) original paper copies of the revised pages for your records.

Thank you, Debbie

From: Dan Wagoner [mailto:dwagoner@dominionterminal.com]
Sent: Wednesday, June 22, 2016 3:12 PM
To: Thompson, Debra (DEQ)
Subject: Permit comments

Here are some comments, significant and insignificant:

1. Permit
    a. Page 9 of 23 c.(2) should that be "...owner **of** the MS4..." ***you are correct, changed to "OF" the MS4***
    b. Page 13 of 23 first paragraph on the page (1), should read "...title who comprise the..." ***changed as requested***
    c. Page 13 of 23 (vii) appears to be incomplete; ***completed the phrase***
    d. Page 18 of 23 the last sentence of (v), just above (A) should read "...and shall include at a..." ***changed as requested***
2. Factsheet 01-06
    a. Attachment 6, page 1 first paragraph could stand a little rewrite: ***Will look at paragraph and make changes for technical accuracy and clarity.***
        i. Replace "Collection ditches drain to three storm water management ponds (Pond 1, Pond 2 and Pond 3)." with
        "Collection ditches drain to two storm water management ponds (Pond 1 and Pond 3)."

14-5

ii. Replace "Sedimentation occurs in Pond 1 and Pond 3." with "Sedimentation and neutralization occur in Pond 1 and Pond 3."
iii. Replace "Pond 1 and Pond 3 drain to Pond 2. Neutralization occurs in Pond 2 then" with "Water from Pond 1 and/or Pond 3 can be pumped into Pond 2 where"
iv. The final sentence in this paragraph would be more correct by deleting "Hampton Roads which leads to" ***Changed as requested***

3. Factsheet 07-10
    a. Attachment 8
        i. On page 8-2 in the first full paragraph, should it say "...of the year following the sample year."? That's what the last sentences indicate. ***Changed as requested***
    b. Attachment 10
        i. On page 10-2, the area highlighted defined by the boundary lines listed does not include the area of our discharge. ***This review is from our Planning section, I will talk to them and respond to your comment***
4. Public Notice
    a. Project Description: Fourth line "...in**to** the James River..."***changed as requested***
    b. Would it be appropriate to rewrite lines 15 – 17 to read "The permit will protect water quality by restricting the pH and total suspended solids in the storm water releases as well as by limiting the total phosphorus to amounts that protect water quality. The permit will also require monitoring whole effluent toxicity and providing and maintaining a Storm Water Pollution Prevention Plan." ***This is a template we are given to use for all public notices; I may not make language changes unless it is technically necessary.***
    c. There are some inconsistencies between "requester" and "requestor". ***Requester is correct; change made for correctness.***

No further comment.

DRWag

Dan Wagoner
Engineering Director
Dominion Terminal Associates LLP
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Newport News, VA 23607
757-534-7948 – Office Direct
757-897-8670 - Cell
DTA

14-6

Thompson, Debra (DEQ)

From: Thompson, Debra (DEQ)
Sent: Wednesday, June 29, 2016 8:40 AM
To: 'Dan Wagoner'
Cc: Long, Steven (DEQ); Austin, Deanna (DEQ)
Subject: RE: DTA Inspection

Tracking:

Recipient	Delivery
'Dan Wagoner'	
Long, Steven (DEQ)	Delivered: 6/29/2016 8:40 AM
Austin, Deanna (DEQ)	Delivered: 6/29/2016 8:40 AM

Good Morning Dan,

I have revised appropriate page(s)) in the permit (Part I.A. effluent page) and factsheet (attachments 4, 5, 6) to include the following language:
"...vehicle/equipment rinse activity runoff..." This will cover the runoff from the activity and address the potential for this source to be an allowable, permitted component of the effluent discharged through outfall 001.

I will forward to you the revised pages.

Any questions, please let me know, Thank you, Debbie

From: Dan Wagoner [mailto:dwagoner@dominionterminal.com]
Sent: Tuesday, June 28, 2016 3:47 PM
To: Thompson, Debra (DEQ)
Cc: Long, Steven (DEQ); Austin, Deanna (DEQ)
Subject: RE: DTA Inspection

It appears to me that the permit is not "stormwater only" even though Paragraph I. A. 1. does say "storm water runoff from coal facility", it is excepted by I. C. 3. b on page 8 where the permit lists "Allowable Non-Storm Water Discharges". To be more clear, can you insert into I. C. 3. b. (1) (h), after "building" ",vehicles and equipment"? Most wash-down situations are using recycled water from Pond #2 which is the pond that connects to Outfall 001. Wash down systems are used to remove coal build up to areas where they can be more easily cleaned up and to avoid additional dusting. The car wash that Steve referenced is used by employees and visitors to drive through to remove any accumulated dust from their personal vehicles. The water either evaporates or flows to a drop inlet that is eventually pumped to one of the containment ditches in the southwest corner of the property, then mixes with storm water and flows to the collection Pond #1.

DRWag

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757-897-8670 - Cell

14-7

From: Long, Steven (DEQ) [mailto:Steven.Long@deq.virginia.gov]
Sent: Tuesday, June 28, 2016 2:41 PM
To: Thompson, Debra (DEQ); Austin, Deanna (DEQ)
Cc: Dan Wagoner
Subject: DTA Inspection

Debbie,

I happened to have completed a site visit on the 16th – the day after you sent a message noting the need for the inspection.

I will be finishing the draft report today, sending to reviewed.

The last inspection noted a vehicle wash/rinse station and I did confirm that this is present. Dan Wagoner (copied on this mailing) also reported that they did have conveyor belt washing. I did see at least two pressure washers during the visit and had discussed with Dan that this discharges was not currently authorized by the permit with "stormwater only" noted for the site. All still go eventually to Outfall 001.

I am sure Dan can expand on any other discharges that may occur.

Steven J.E. Long
Environmental Specialist II
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