COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
TIDEWATER REGIONAL OFFICE
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Doug Domenech
Secretary of Natural Resources

David K. Paylor
Director

Maria R. Nold
Regional Director

Dan Wagoner, Superintendent
Dominion Terminal Associates
PO Box 967-A
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 September 7, 2011. Please note the deficiencies cited in this report and implement appropriate corrective measures in order to ensure continued permit compliance. A written response addressing your corrective action is requested no later than fifteen (15) days from your receipt of this report. This letter is not intended as a case decision under the Virginia Administrative Process Act, Va. Code § 2.2-4000 *et seq*.

If you have any questions regarding this report, please feel free to contact me at the above address or telephone (757) 518-2185.

Sincerely,

Mark R. Kidd
Environmental Specialist II

Enclosure

cc: DEQ/OWCP: Steve Stell
DEQ/TRO: File

Facility:	**DOMINION TERMINAL ASSOCIATES**
County/city:	**NEWPORT NEWS**

VPDES NO.	**VA0057576**

DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTEWATER FACILITY
INSPECTION REPORT
PART 1

Inspection date:	**September 7, 2011**	Date form completed:	**September 9, 2011**
Inspection by:	**Mark R. Kidd**	Inspection agency:	**DEQ/TRO**
Time spent:	**6 hours**	Announced Inspection:	[ ] Yes [✓] No
Reviewed by: **Kenneth T. Raum / 09-29-11**		Photographs taken at site?	[✓] Yes [ ] No
Present at inspection:	**Dan Wagoner, Wesley Simon-Parsons**		

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:	**June 20, 2007**	Agency:	**DEQ/TRO**

Population Served:		Connections Served:	

Last Month Average: Influent	BOD_5 (mg/l)		TSS (mg/l)		Flow (MGD)			
	Other:							
Last Month Average: Effluent **Outfall 001 - June 2011**	pH (SU)	**8.6**	TSS (mg/l)	**30**	Flow (MGD)	**.116**	NH_3 (mg/l)	
	Other:							
Last Quarter Average: Effluent **– Outfall 001 – 1st semi -annual 2011**	Total P (mg/l)	**0.3**	Total N (mg/l)	**0.2**	TPH (mg/l)	**.5**	Dis. CU (ug/l)	**<QL**
	Other: **Dis. NI (ug/l) - .011 ; Dis. ZN (ug/l) - <QL**							

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

COPIES TO: (✓) DEQ/TRO; (✓**)** DEQ/OWCP; (✓) OWNER; ( ) OPERATOR; ( ) EPA-Region III; ( ) Other:

	PROBLEMS IDENTIFIED AT LAST INSPECTION:	CORRECTED	NOT CORRECTED
	Repair the curbing at the riverfront.	X	
	Finish cleaning up the residue from the oil spill.	X	
	Improve the inspection routine to also include a review of housekeeping efforts and material storage.	X	

SUMMARY

INSPECTION COMMENTS:

I arrived on site and met with Civil and Environmental Supervisor Wesley Simon-Parsons and Superintendent Dan Wagoner. The Storm Water Pollution Prevention Plan (SWPPP) and associated documents were reviewed with the following noted:

1. The SWPPP was created by Bay Environmental in January 2007 and includes a site map with flows and outfalls delineated and includes a corporate statement signed in February 2007.
2. The O&M Manual was prepared by Bay Environmental in January 2007.
3. Since the detention ponds discharges are planned and manually controlled Quarterly Visual Examinations of Storm Water Quality are performed and documented only when discharges occur.
4. Facility inspections are performed and documented as required by the Permit. The inspections cover four areas of the facility: coal storage, petroleum storage, storm water ponds and maintenance areas.
5. The Comprehensive Site Compliance Evaluation is combined with the information for the Stormwater Management Evaluation providing for one document that covers all aspects of the two evaluations.
6. Training is performed and documented as required.
7. Freeboard is measured daily but not documented. I suggest that DTA maintain a logbook of freeboard measurements.

I conducted a site survey with the assistance of Mr. Simon-Parsons. Except for the waterfront the facility is encircled by a concrete ditch system (Photos 1&2) that drains to 3 storm water retention ponds. Storm water from the waterfront flows by gravity to collection points where storm water is transported to the ponds. Several sodium hydroxide injection points are maintained along the ditch system (Photos 3&4) and at the pond effluent points for pH adjustment. Secondary containment structures for drum storage (Photo 5) and waste oil (Photo 6) appeared in need of cleaning. Mr. Simon-Parsons stated that secondary containment cleaning was scheduled for the following week. Several rusting metal containers were observed exposed to storm water (Photo 7). A vehicle wash (Photo 8) uses only water and the discharge flows to the storm water pond. All three of the ponds (Photos 9-12) appeared well maintained with low accumulation of solids and adequate freeboard. Planned discharges from Pond #2 are initiated in anticipation of wet weather to maintain proper freeboard. The water

	level is maintained so that enough water for use in the dust control system is available without having to use groundwater.

COMPLIANCE RECOMMENDATIONS FOR ACTION:	
	Maintain a log book of freeboard measurements.
	Clean secondary containment structures.
	Remove the rusting metal containers from storm water exposure.

Photo 1. Concrete ditch.

Photo 2. Another view of the concrete ditch.

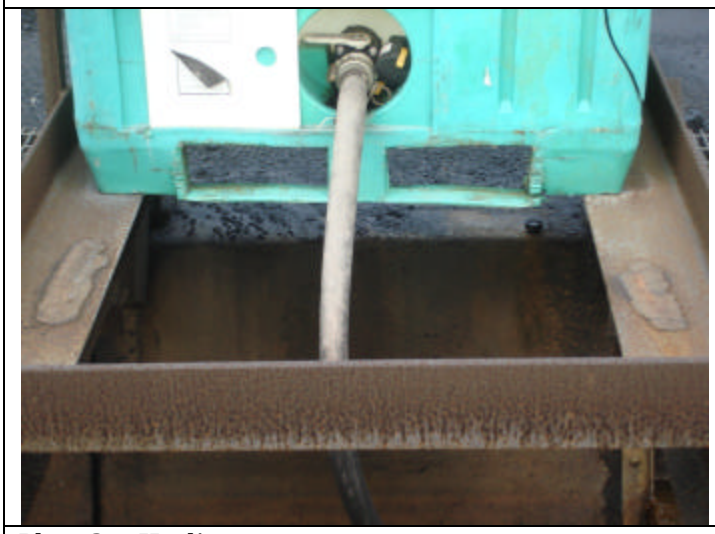

Photo 3. pH adjustment structure.

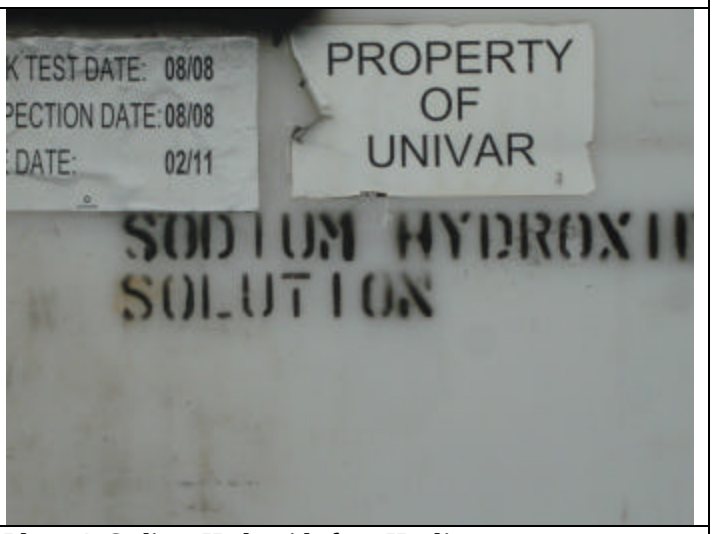

Photo 4. Sodium Hydroxide for pH adjustment.

Photo 5. Drum storage.

Photo 6. Waste oil containment.

Photo 7. Rusty containers.

Photo 8. Vehicle wash.

Photo 9. Pond 3.

Photo 10. Pond 1.

Photo 11. Freeboard measurement.

Photo 12. Pond 2 discharge structure.