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

Mr. Cory Steil – Environmental Coordinator
Kinder Morgan Pier IX
1900 Harbor Access Road
Newport News, VA 23607

Re: Laboratory and Technical Inspection Reports
Kinder Morgan Pier IX (VA0057142)

Dear Mr. Steil:

Enclosed are copies of the laboratory and technical inspection reports prepared for the inspection conducted on May 7, 2012. There were no recommendations at this time, however, if you have any questions regarding either 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:	**KINDER MORGAN PIER IX**
County/city:	**NEWPORT NEWS, VA**

VPDES NO.	**VA0057142**

DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTEWATER FACILITY
INSPECTION REPORT
PART 1

Inspection date:	**May 7, 2012**	Date form completed:	**May 10, 2012**
Inspection by:	**Mark R. Kidd**	Inspection agency:	**DEQ/TRO**
Time spent:	**8 hours**	Announced Inspection:	[✓] Yes [] No
Reviewed by: **Kenneth T. Raum / 05-22-12**		Photographs taken at site?	[✓] Yes [ ] No
Present at inspection:	**Scott Shirk, Cory Steil and Nathan Lester**		

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:	**7/15/2008**	Agency:	**DEQ/TRO**

Population Served:		Connections Served:	

March 2012 Outfall 001	pH (SU)		TSS (mg/l)		Flow (MGD)			
	Other: **No Discharge**							
February 2012 Outfall 001	BOD_5 (mg/l)		TSS (mg/l)		Flow (MGD)		NH_3 (mg/l)	
	Other: **No Discharge**							
January 2012 Outfall 001	BOD_5 (mg/l)		TSS (mg/l)		Flow (MGD)		NH_3 (mg/l)	
	Other: **No Discharge**							

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

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

	PROBLEMS IDENTIFIED AT LAST INSPECTION:	CORRECTED	NOT CORRECTED
	None		

SUMMARY

INSPECTION COMMENTS:

The Kinder Morgan Pier IX Terminal offloads coal from railcars to an outdoor storage area and loads ships with bulk coal.

I arrived on site and met with Terminal Manager Scott Shirk, Environmental Coordinator Cory Steil and EHS Specialist Nathan Lester. After discussing the inspection process I reviewed the Storm Water Pollution Prevention Plan(SWP3) and associated documents with the following noted:

1. **The SWP3 was amended in January 2012 and includes a site map and a Corporate Certification Statement.**
2. **A daily Environmental Log documents daily facility inspections and rainfall records.**
3. **Freeboard of the retention pond is checked daily and no exceedance of the one foot requirement was documented in 2011 or the first quarter of 2012.**
4. **Employee training is performed and documented as required.**
5. **Quarterly Visual Examinations of Storm Water Quality are performed and documented.**
6. **The Storm Water Management Evaluation and the Comprehensive Site Compliance Evaluation for 2011 addressed all of the elements required by the Permit.**

A site survey was conducted with the assistance of Mr. Steil and Mr. Lester. The drop inlets in front of the administration building (Photo 1) use a filter cloth and discharge via Outfall 003 (Photo 4). A curb inlet (Photo 2), which is blocked with a steel plate, would otherwise discharge to Outfall 003. The water that would drain to the curb inlet flows to a storage vault and is then pumped to the perimeter ditch. A sign is posted at the facility's outfall location (Photo 3). A sampling location for Outfalls 001 and 002 is protected and provides access to two separate discharge pipes for sampling (Photo 5). Another curb inlet that discharges to Outfall 002 is blocked in the same way as seen in Photo 2. Outfall 001 is a pumped discharge from the retention pond (Photo 6). Water from the perimeter ditch formerly flowed by gravity into the retention pond but this flow ins now blocked by a gate valve (Photo 7). The water from the perimeter ditch is now pumped from the perimeter ditch to the pond (Photo 11) through a ductile iron pipe (Photo 8). The water from the pond outlet (Photo 9) flows to the pump room (Photo 10) and is then pumped to Outfall 001. The east side of the perimeter ditch is now built of concrete (Photo 12) with oil booms placed at all cross over structures (Photo 13). Rainbirds were in operation during the

	inspection (Photo 14) using water from the retention pond. The coal transport belt structure is covered while being painted (Photo 15). Water from the coal railcar dump station (Photo 16) collects in a sump before being pumped to the ditch system. Spill kits (Photo 17) include oil absorbent pads and booms. The fuel pad (Photo 18) appeared clean and free of stains. **Overall the facility appeared well managed and displayed good housekeeping practices.**
	I would like to thank Mr. Steil, Mr. Lester and Mr. Shirk for their assistance and cooperation during the inspection.

COMPLIANCE RECOMMENDATIONS FOR ACTION:	
	None at this time.

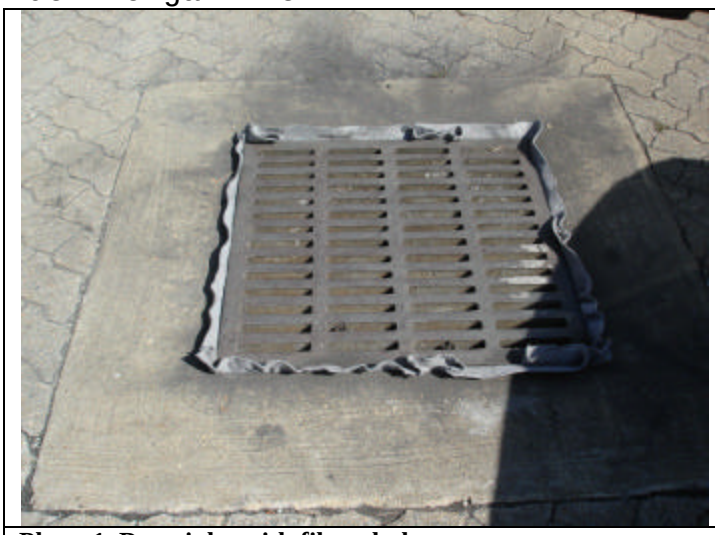

Photo 1. Drop inlet with filter cloth.

Photo 2. Curb inlet blocked off.

Photo 3. Sign at discharge location.

Photo 4. Outfall 003 discharge point.

Photo 5. Sample point for Outfalls 002 and 001.

Photo 6. Retention pond.

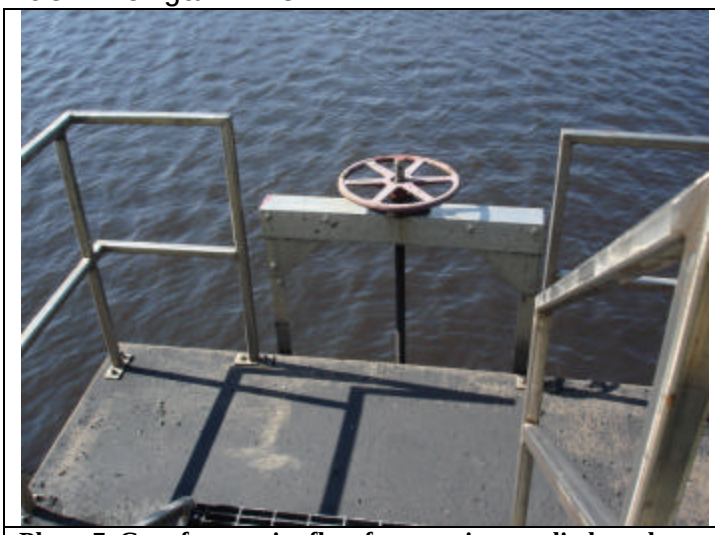

Photo 7. Gate for gravity flow from perimeter ditch to the retention pond.

Photo 8. Discharge pipe for pumped discharges from perimeter ditch to the retention pond.

Photo 9. Pond outlet structure.

Photo 10. Discharge pump and rainbird pump.

Photo 11. Pumps for transporting ditch water to the retention pond.

Photo 12. Perimeter ditch.

Photo 13. Oil boom in perimeter ditch.

Photo 14. Rain birds in use.

Photo 15. Transport belt structure with covers while being painted.

Photo 16. Coal being dumped from railcar.

Photo 17. Spill kit.

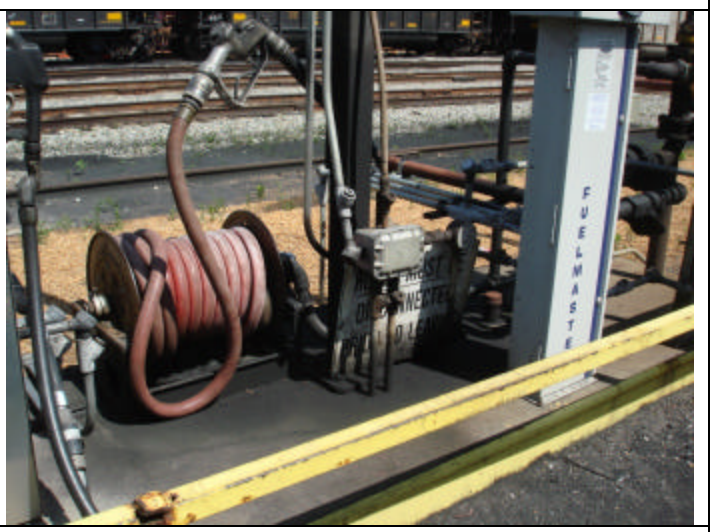

Photo 18. Fuel station.