

VPDES PERMIT PROGRAM FACT SHEET

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

1. PERMIT NO.: VA0057142 EXPIRATION DATE: July 20, 1996

2. FACILITY NAME AND LOCAL MAILING ADDRESS  
Pier IX Terminal  
P.O. Box 38  
Newport News, VA 23607 LOCATION ADDRESS (IF DIFFERENT)  
21st & Terminal Avenue  
Newport News, VA 23607

CONTACT AT FACILITY: CONTACT AT LOCATION ADDRESS:

NAME: Ms. Marie E. Krien-Schmidt NAME: Mr. Robert Coffey  
TITLE: Director, Environmental Affairs TITLE: Senior Facility Manager  
PHONE: 800-535-8170 PHONE: 757-928-1520

3. OWNER CONTACT: (TO RECEIVE PERMIT) CONSULTANT CONTACT: NA  
NAME: Mr. Thomas B. Stanley  
TITLE: President  
ADDRESS: Kinder Morgan Bulk Terminals, Inc.  
P.O. Box 625  
Sorrento, LA 70778-0625  
PHONE NO.: (757) 928-1520

4. PERMIT DRAFTED BY: DEQ, Water Permits, Tidewater Regional Office  
Permit Writer(s): Anhthu Nguyen <sup>AN</sup> Date(s): 3/26/99  
Reviewed By: Mark Sauer <sup>(MS)</sup> Date(s): 3/26/99, 3/30/99

5. PERMIT CHARACTERIZATION: (Check as many as necessary)

<input type="checkbox"/> Issuance	<input type="checkbox"/> Reissuance	<input type="checkbox"/> 304L
<input checked="" type="checkbox"/> Existing Discharge	<input type="checkbox"/> Revoke & Reissue	<input type="checkbox"/> WET Limit
<input type="checkbox"/> Proposed Discharge	<input type="checkbox"/> Board Modification	<input type="checkbox"/> TRE
<input type="checkbox"/> Municipal	<input type="checkbox"/> Owner Modification	
<u>SIC Code</u>	<input type="checkbox"/> Change of Ownership	
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Effluent Limited	
<u>SIC Code(s)</u>	<input type="checkbox"/> Water Quality Limited	
5052, 5032	<input type="checkbox"/> Toxics Management Program Required	
	<input type="checkbox"/> Pretreatment Program Required	
<input type="checkbox"/> POTW	<input type="checkbox"/> Stormwater Management Plan	
<input checked="" type="checkbox"/> Private	<input type="checkbox"/> Possible Interstate Effect	
<input type="checkbox"/> Federal	<input type="checkbox"/> Compliance Schedule Required	
<input type="checkbox"/> State	<input type="checkbox"/> Interim Limits in Permit	
	<input type="checkbox"/> Interim Limits in Other Document	
	<input type="checkbox"/> Chlorine Exception Approved	

10/31/95

APPLICATION COMPLETE:

4/20/99

6. RECEIVING WATERS CLASSIFICATION:

<u>Outfall No(s)</u>	<u>Receiving Stream</u>
001, 002, 003, 004, 005	James River Basin: Lower James River Subbasin: N/A Section: 1 Class: II Special Standard: a
7-Day/10-Year Low Flow:	NA
1-Day/10-Year Low Flow:	NA
30-Day/5-Year Low Flow:	NA
Harmonic Mean Flow:	NA
Tidal:	YES

7. COMBINED TOTAL FLOW: Pier IX Terminal operates as a bulk material handling facility. The facility's activities include storage and transhipment of coal and Portland Cement. Wastewater is the result of stormwater runoff.

FLOW: RAINFALL DEPENDENT 1.584 MGD (Est.)

8. SITE INSPECTION DATE: 3/6/96 REPORT DATE: 3/7/96  
Performed By: Anhthu Nguyen

9. EXISTING industrial discharge resulting from stormwater runoff from site whose activities include storage and transshipment of coal and Portland Cement.

10. STATUTORY OR REGULATORY BASIS FOR SPECIAL CONDITIONS AND EFFLUENT LIMITATIONS: (Check Appropriate)

- State Water Control Law
- Clean Water Act
- Permit Regulation (SWCB VPDES Regulation)
- EPA NPDES Regulation (Federal Register)
- EPA Guidelines
- Water Quality Standards
- Other: Best Engineering Judgement

11. LICENSED OPERATOR REQUIREMENTS: (x) No ( ) Yes Class:

12. RELIABILITY CLASS: NA

13. DISCHARGE DESCRIPTION:

SEE TABLE I - Attachment 1

14. EFFLUENT LIMITATIONS/MONITORING:

See TABLE II - ATTACHMENT 2

15. SPECIAL CONDITIONS:

SEE ATTACHMENT 3

16. EFFLUENT LIMITATIONS/MONITORING RATIONALE:

SEE ATTACHMENT 4

17. DISCHARGE(S) LOCATION DESCRIPTION:

Name of Topo: Newport News South Quadrant No.: 35B SEE ATTACHMENT 5

18. ATTACH A SCHEMATIC OF WASTEWATER TREATMENT SYSTEM(S) [IND. & MUN.], AND PROVIDE A GENERAL DESCRIPTION OF THE PRODUCTION CYCLE(S) AND ACTIVITIES OF THE FACILITY [MUN. - TREATMENT PROVIDED].

Wastewater treatment facilities consist of a lined-batch discharge retention pond with pH adjustments.

SEE ATTACHMENT 6

19. CHANGES TO PERMIT: USE TABLE III(a) - ATTACHMENT 7a to record any changes in the permit during the permit processing period [Use for comments from applicant, VDH, EPA and any other agency where comments resulted in changes to the permit or any other changes associated with the special conditions or reporting requirements and reasons for changes.]; Use TABLE III(b) - ATTACHMENT 7b to record any changes from the previous permit.

20. NPDES INDUSTRIAL PERMIT RATING WORKSHEET: TOTAL SCORE 39  
SEE ATTACHMENT 8

21. RECEIVING WATERS INFORMATION: Refer to the State Water Control Board's Water Quality Standards, River Basin Section Tables (VR 680-21-08). Attach any memoranda or other information which helped to develop permit conditions, i.e., PReP complaints, special water quality studies, stored data and other biological and/or chemical data, etc.

N/A

22. SLUDGE DISPOSAL PLAN: Provide description of sludge disposal plan elements addressed in permit, if applicable.

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.]

Coal is the only material that is stored outdoor. Portland Cement is handled in enclosed areas. There is a junk yard which stores scrap metals. Stormwater runoff from this location drains into the storm sewer system of the city of Newport News.

24. ADDITIONAL COMMENTS:

During a site inspection, the staff noted that stormwater outfalls no. 003 and 004 only discharge stormwater runoff from the administration parking lot and phone booth area respectively. Since these areas are not associated with any type of industrial activities, monitoring at these locations should be removed. However, outfall 003 also discharges stormwater runoff from the pump station area where there is a potential for stormwater to be contaminated. The facility engineer, Mr. Ed Wolfington proposes to redirect the pump station discharge away from outfall 003 and allow it to discharge into the existing sedimentation pond. For this reissuance, the staff intends to eliminate monitoring at outfall 004. Monitoring at outfall 003 will remain until further notice from the facility that the pump house discharge has been redirected into the sedimentation pond.

25. SUMMARY OF SPECIFIC ATTACHMENTS LABELED AS:

Attachment <u>1</u>	TABLE I - Outfall Description
Attachment <u>2</u>	TABLE II - Effluent Limitations
Attachment <u>3</u>	Special Conditions/Rationale
Attachment <u>4</u>	Effluent Limitations/Monitoring Rationale
Attachment <u>5</u>	Topo Map
Attachment <u>6</u>	Schematic/Plans & Specs/site map/water balance
Attachment <u>7</u>	TABLE III(a) and/or TABLE III(b) - Change Sheet
Attachment <u>8</u>	NPDES Rating Worksheet
Attachment <u>9</u>	Chronology Sheet
Attachment <u>10</u>	Inspection Report/Memo
Attachment <u>11</u>	TMP Justification Memo

Attachment 1

TABLE I

NUMBER AND DESCRIPTION OF OUTFALLS

<TABLE STARTS HERE - WATCH REVEAL CODES -- DELETE THIS LINE -- STOP HERE>

OUTFALL NO.	DISCHARGE SOURCE (1)	TREATMENT (2)	FLOW (3)
001	Stormwater runoff from coal storage area flows to a settling pond for sedimentation.	Sedimentation pH neutralization	1.58 MGD
002	Stormwater runoff from South Harbor Road.	Best Management Practice	0.000773 MGD
003	Stormwater runoff from administration parking lot and from area adjacent to pump house.	Best Management Practice	0.001468 MGD
004	Stormwater runoff from Harbor Road phone booth area. This discharge is not associated with any type of industrial activities.	Best Management Practice	0.000410 MGD
005	Stormwater runoff from North Harbor Road.	Best Management Practice	0.000966 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

March 17, 1999  
Permit No. VA0057142

**Attachment 7**  
**TABLE III(a)**

VPDES PERMIT PROGRAM  
Permit Processing Change Sheet

1. Effluent Limits and Monitoring Schedule: (List any changes MADE DURING PERMIT PROCESS and give a brief rationale for the change).

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TABLE III(b)

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 change).

OUTFALL NUMBER	PARAMETER CHANGED	MONITORING LIMITS CHANGED FROM / TO	EFFLUENT LIMITS CHANGED FROM / TO	RATIONALE	DATE & INITIAL

OTHER CHANGES FROM: Previous owner: Pier IX Terminal Company	CHANGED TO: New owner: Kinder Morgan Bulk Terminals, Inc.	DATE & INITIAL: AN 3/17/99

April 1, 1999  
Permit No. VA0057142

**Attachment 9**

## VPDES PERMIT PROGRAM

**FACILITY NAME:** Pier IX Terminal Company VA0057142

CHRONOLOGY OF EVENTS (Meetings, telephone calls, letters, memos, hearings, etc. affecting permit from application to issuance)

APPL. REC'D.	APPL. RETURNED	ADD. INFO REQUESTED	APPL./ADD INFO DUE BACK IN RO	APPL./ADD. INFO REC'D.
12/16/98				