

Application Type Renewal  
Facility Type Storm Water  
Major / Minor Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL INDUSTRIAL WASTE (IW)  
AND IW STORMWATER**

Application No. PA0050202  
APS ID 1079665  
Authorization ID 1424715

**Applicant and Facility Information**

Applicant Name	<u>National RR Passenger Corp</u>	Facility Name	<u>Amtrak Race St/Penn Coach Yard Facility</u>
Applicant Address	<u>30th Street Station, 2955 Market Street 5th Floor S Box 13 Philadelphia, PA 19104</u>	Facility Address	<u>30th and Race Streets Philadelphia, PA 19104-2898</u>
Applicant Contact	<u>John Lukaszewicz</u>	Facility Contact	<u>John Lukaszewicz</u>
Applicant Phone	<u>(215) 630-9469</u>	Facility Phone	<u>(215) 630-9469</u>
Client ID	<u>204089</u>	Site ID	<u>456904</u>
SIC Code	<u>4011</u>	Municipality	<u>Philadelphia City</u>
SIC Description	<u>Trans. &amp; Utilities - Railroads, Line-Haul Operating</u>	County	<u>Philadelphia</u>
Date Application Received	<u>January 20, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit renewal</u>		

**Summary of Review**

The applicant requests renewal of an NPDES permit to discharge site stormwater from their railroad engine services and fueling facility.

The facility's primary industrial operation is the maintenance and refueling of locomotives and other railroad equipment.

Stormwater discharges around the facility west of the elevated CSX railroad are collected and conveyed to an onsite treatment system which discharges effluent to the Philadelphia Water Department (PWD) combined sewer system. East of the CSX elevated railroad, stormwater is conveyed to a manhole and then to an Outfall 001 in the receiving waters of the Schuylkill River.

The outfall is inspected semi-annually. BMPs listed in the application are sediment protection devices and routine conveyance cleaning.

The sampling point for Outfall 001 is located within close proximity to the various ASTs onsite. A manhole connecting to the storm sewer allows access for sampling.

The last onsite inspection conducted by DEP was on 10-19-2022 and no operational violations were observed during the inspection.

Based on the review of DMRs and the submitted sample results, PCB is a parameter of concern. Permittee is required to conduct semi-annual PCB monitoring and continue implementation of the approved PCB PMP. The special condition requiring PCB monitoring and PMP submission is included in Part C of the draft permit. Current permit

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	February 27, 2023
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	02/27/2023

**Summary of Review**

included the PCB PMP requirement based on Delaware River PCB TMDL. Since this discharge is into the tidal portion of the Schuylkill River the existing condition is continued in the draft permit.

The semi-annual monitoring for pH, COD, TSS, Oil and Grease, Total Phosphorus, Iron Dissolved are recommended for the draft permit which is similar to the existing permit. Appendix L of the PAG -03, General Permit for Discharges of Stormwater Associated with Industrial activities is applicable to facilities with SIC Code 4011. Since the new PAG -03 included Total Nitrogen in Appendix L, the existing TKN monitoring requirement is replaced with Total Nitrogen in the draft permit.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Act 14 Notifications:

Philadelphia City - January 4, 2023

Permit conditions:

- A. Stormwater Outfalls
- B. Best Management Practices
- C. Routine Inspections
- D. PPC Plan
- E. Stormwater Monitoring Requirements
- F. Acquire Necessary Property Rights
- G. Proper Sludge Disposal
- H. BAT/ELG Reopener
- I. PCB PMP Requirement

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>39° 57' 30.76"</u>	Longitude	<u>-75° 10' 45.82"</u>
Quad Name	<u>Philadelphia</u>	Quad Code	<u>1944</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Schuylkill River (WWF, MF)</u>	Stream Code	<u>00833</u>
NHD Com ID	<u>25988858</u>	RMI	<u>7.5</u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u>WWF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>polychlorinated biphenyls (pcbs)</u>		
Source(s) of Impairment	<u>source unknown</u>		
TMDL Status	<u>Final</u>	Name	<u>Schuylkill River PCB TMDL</u>

Compliance History

DMR Data for Outfall 001 (from January 1, 2022 to December 31, 2022)

Parameter	DEC-22	NOV-22	OCT-22	SEP-22	AUG-22	JUL-22	JUN-22	MAY-22	APR-22	MAR-22	FEB-22	JAN-22
pH (S.U.) Daily Maximum	7.9						7.2					
COD (mg/L) Daily Maximum	5.2						32.5					
TSS (mg/L) Daily Maximum	3.7						15.6					
Oil and Grease (mg/L) Daily Maximum	< 5.0						2.8					
TKN (mg/L) Daily Maximum	< 0.50						0.79					
Total Phosphorus (mg/L) Daily Maximum	0.029						0.095					
Dissolved Iron (mg/L) Daily Maximum	< 0.0206						< 0.0206					
PCBs (Wet Weather) (pg/L) Daily Maximum	12000						295000					

**Proposed Effluent Limitations and Monitoring Requirements**

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Dissolved Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
PCBs (Wet Weather) (pg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab