

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0056537
APS ID 1039075
Authorization ID 1355018

Applicant and Facility Information

Applicant Name	<u>Highway Materials Inc.</u>	Facility Name	<u>Highway Materials Malvern Plant</u>
Applicant Address	<u>409 Stenton Avenue</u> <u>Flourtown, PA 19031-1327</u>	Facility Address	<u>680 N Morehall Road</u> <u>Malvern, PA 19355-1415</u>
Applicant Contact	<u>Anthony Depaul</u>	Facility Contact	<u>Paul Lefever</u>
Applicant Phone	<u>(610) 832-8000</u>	Facility Phone	<u>(610) 644-7480</u>
Client ID	<u>4391</u>	Site ID	<u>250715</u>
SIC Code	<u>2951</u>	Municipality	<u>East Whiteland Township</u>
SIC Description	<u>Manufacturing - Asphalt Paving Mixtures And Blocks</u>	County	<u>Chester</u>
Date Application Received	<u>May 19, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal</u>		

Summary of Review

The applicant has submitted a renewal for their stormwater discharge associated with industrial activities to UNT Valley Creek (EV) through two outfalls (001 and 002).

The facility is involved in paving asphalt manufacturing.

DEP has conducted a site visit on 9/23/18. No violations or non-compliance issues noted.

Facility's stormwater is directed to two existing sedimentation basins. In earlier inspections it was observed and following noted.

“ the basin for Outfall 002 was grassed over and any discharge infiltrated into groundwater. Since it receives limited runoff, it was decided that, although limits are specified in Part A, sampling is not required at Outfall 002.”

As previously established monitoring is required at Outfall 001 for the parameters pH, TSS, O & G, Naphthalene, Trichloroethylene, and Benzene and will be proposed in draft permit as listed on page 4 of this factsheet.

Act 14 Notifications: Chester County Planning Commission and East Whiteland Township has been notified about the NPDES renewal submittal on January 19, 2021.

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-

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	May 19, 2022
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	05/19/2022

Summary of Review

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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>		
Latitude	<u>40° 4' 18.39"</u>	Longitude	<u>-75° 32' 2.68"</u>
Outfall No.	<u>002</u>		
Latitude	<u>40° 4' 18.8"</u>	Longitude	<u>75° 32' 10.1"</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to Valley Creek</u>	Stream Code	<u>01009</u>
NHD Com ID	<u>25980338</u>	RMI	<u>1.2</u>
Drainage Area	<u><1 mi2</u>	Q7-10 Basis	<u>0</u>
Q7-10 Flow (cfs)	<u>0</u>	Slope (ft/ft)	<u>Intermittent channel</u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u>EV</u>
Existing Use	<u>na</u>	Existing Use Qualifier	<u>na</u>
Exceptions to Use	<u>na</u>	Exceptions to Criteria	<u>na</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, POLYCHLORINATED BIPHENYLS (PCBS), SILTATION</u>		
Source(s) of Impairment	<u>HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, SOURCE UNKNOWN, , URBAN RUNOFF/STORM SEWERS</u>		
TMDL Status	<u>Final</u>	Name	<u>Valley and Little Valley Creeks</u>
Nearest Downstream Public Water Supply Intake	<u>PA American - Norristown</u>		
PWS RMI	<u>Schuylkill River</u>	Distance from Outfall (mi)	<u>12.5</u>

* Discharge to sedimentation basins prior to intermittent stream. Stormwater typically infiltrates with no discharge at basin outlets.

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ 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
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Benzene	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Naphthalene	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Trichloroethylene	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001