

Application Type New
 Facility Type Storm Water
 Major / Minor Minor

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

Application No. PA0277142
 APS ID 1157575
 Authorization ID 1560957

Applicant and Facility Information

Applicant Name	<u>Mack Trucks Inc.</u>	Facility Name	<u>Mack Trucks</u>
Applicant Address	<u>2402 Lehigh Parkway S</u> <u>Allentown, PA 18103-2900</u>	Facility Address	<u>2402 Lehigh Parkway S</u> <u>Allentown, PA 18103-2900</u>
Applicant Contact	<u>Amber Frost</u>	Facility Contact	<u>Amber Frost</u>
Applicant Phone	<u>(835) 205-8343</u>	Facility Phone	<u>(835) 205-8343</u>
Client ID	<u>42969</u>	Site ID	<u>249246</u>
SIC Code	<u>3711</u>	Municipality	<u></u>
SIC Description	<u>Manufacturing - Motor Vehicles and Car Bodies</u>	County	<u>Lehigh</u>
Date Application Received	<u>February 27, 2026</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 3, 2026</u>	If No, Reason	<u></u>
Purpose of Application	<u>New application for NPDES Stormwater permit.</u>		

Summary of Review

The applicant is applying for a new individual stormwater permit to discharge stormwater to Little Lehigh Creek (code # 3420), a High Quality – Cold Water Fishes / Migratory Fish (HQ-CWF/MF) receiving stream in State Water Plan Basin 2-C. As per the Department's current existing list, the receiving stream does not have an existing use. The discharge is not expected to affect public water.

The facility is located in the City of Allentown, and serves as on and off-road trucks testing and truck manufacturing. Most activities are restricted to indoors and small quantity of chemicals stored outside are under covers and not exposed to stormwater.

Stormwater runs overland and is collected by storm grates then conveyed towards Little Lehigh creek via stormwater swales. The flow of stormwater leaves the facility drainage area through one outfall (001) (see attached site Plan).

This facility operates under SIC code 3711 (Motors vehicle and passenger car Bodies), and fall under appendix J of the new PAG03 general permit. Semi-annual monitoring and reporting are for Total Suspended Solids (TSS), Oil & Grease, Total Nitrogen, Total phosphorus, Chemical Oxygen demand (COD) and pH. Benchmarks exist Oil & Grease, TSS, COD and pH.

A benchmark value is the concentration of a pollutant in stormwater discharges that serves as a threshold for the determination of whether existing site BMPs are effective in controlling stormwater pollution. The benchmark values can be found in Part C. V. F. of the permit. A corrective action plan must be submitted to DEP if the discharge concentration for the parameters exceeds the benchmark values for two or more consecutive monitoring periods.

Approve	Deny	Signatures	Date
X		Hakim Yesli (signed) Hakim Yesli / Environmental Engineering Specialist	March 31, 2026
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Program Manager	4-2-26

Summary of Review

The applicant provided stormwater sampling results, most values are non-detect, and there are no exceedances of the current Benchmarks.

Anti-degradation:

The Applicant submitted a no discharge alternative analysis Module 1. There are no non- discharges alternatives considered feasible because they are either technically infeasible, cost prohibited or environmentally unsound. The facility was built in 1975 as Muck trucks with similar industrial activities and Little Lehigh Creek was designated as High Quality (HQ-CWF) in the year 1979, therefore this Facility was grandfathered.

Also, the facility drainage impervious area as existed is not expected to expand in the near future. The existing stormwater flow volume will not change from its current volume.

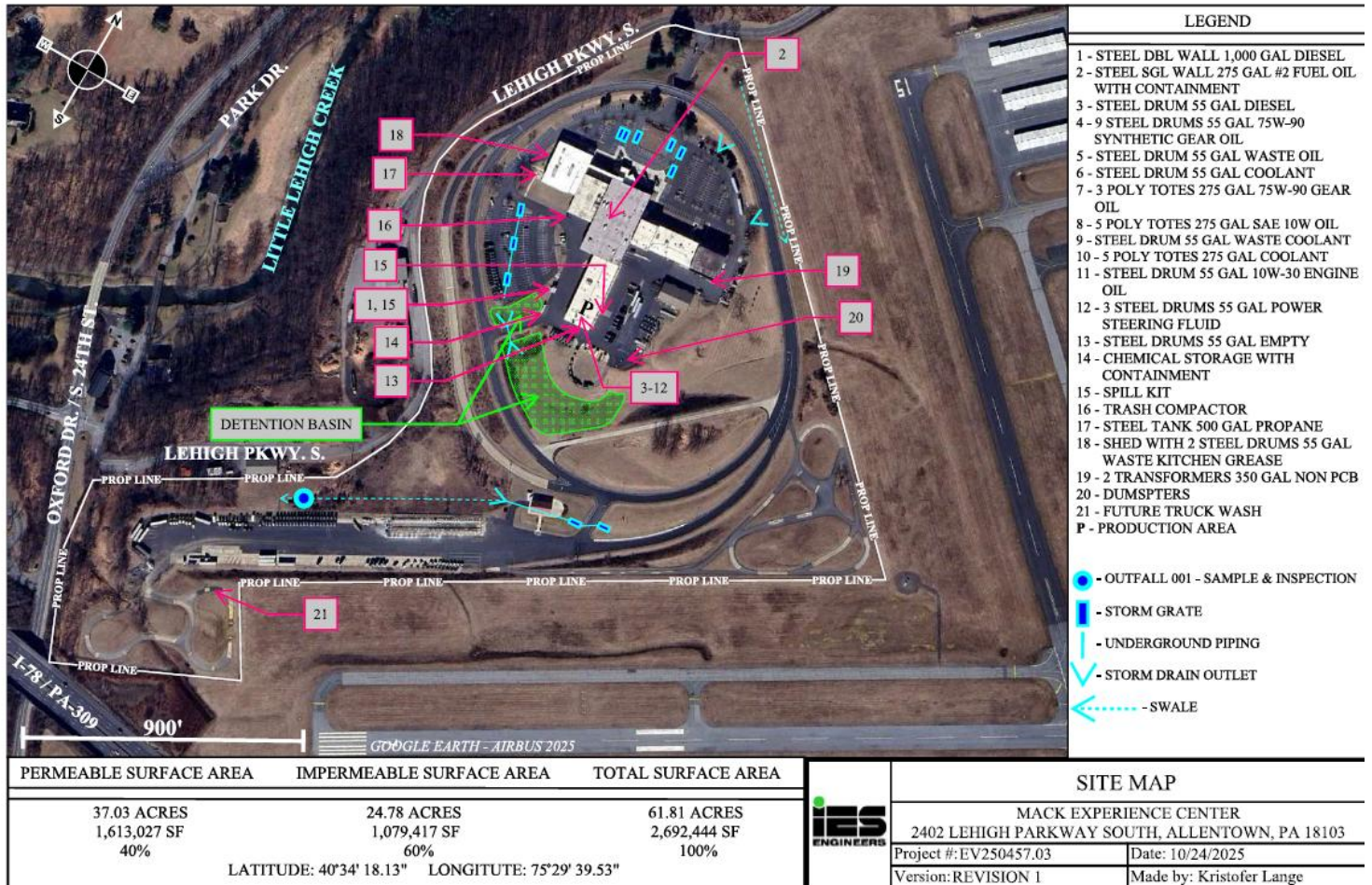
This applicant will be using ABACT BMPs such as vegetated swales, infiltration practices, bioretention and follow PPC plan to assure the discharge will be non-degrading to the stream.

The wash-water used in truck washing station will be collected and treated and recycled without being discharged.

An Integrated Contingency plan (ICP) dated February 2026 was submitted with this application and appears to include all sections required by PADEP.

WMS query by client report was run and there are no open violations for this client.

Summary of Review



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.

