

Application Type New  
 Facility Type Storm Water  
 Major / Minor Minor

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

Application No. PA0294438  
 APS ID 1115144  
 Authorization ID 1487598

**Applicant and Facility Information**

Applicant Name	<u>Saia Motor Freight Line, LLC</u>	Facility Name	<u>Saia Motor Freight Line LLC - HBG</u>
Applicant Address	<u>11465 Johns Creek Parkway Suite 400 Duluth, GA 30097-1574</u>	Facility Address	<u>80 Roadway Drive Carlisle, PA 17015-8807</u>
Applicant Contact	<u>Lisa Hardgrove</u>	Facility Contact	<u>Lisa Hardgrove</u>
Applicant Phone	<u>(770) 232-4090</u>	Facility Phone	<u>(770) 232-4090</u>
Client ID	<u>338209</u>	Site ID	<u>838787</u>
SIC Code	<u>4213</u>	Municipality	<u>Middlesex Township</u>
SIC Description	<u>Trans. &amp; Utilities - Trucking, Except Local</u>	County	<u>Cumberland</u>
Date Application Received	<u>June 3, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>June 18, 2024</u>	If No, Reason	<u></u>
Purpose of Application	<u>NPDES discharge of stormwater associated with industrial activity.</u>		

**Summary of Review**

This is a new application for a NPDES individual permit for discharges of stormwater associated with industrial activity located in Middlesex Township, Cumberland County. See Figure 1 and Figure 2 for a Site Location Map and Site Plan.

The facility's primary SIC code is 4213 (trucking, except local) which requires an NPDES permit. Since the facility discharges to an HQ surface water, the facility must be covered under a NPDES Individual Permit for Discharges of Stormwater Associated with Industrial Activities. If the facility qualified for a PAG-03, they would fall under Appendix L based on their SIC Code.

Facility Description: Motor freight transportation facility that conducts vehicle fueling, maintenance, and washing activities, and stores a variety of vehicle fluids in 55-gallon drums or other sized containers, including two, 20,000-gal diesel aboveground storage tanks.

An application was received 6/3/2024. The application was deemed complete on 6/18/2024. A technical deficiency notice was issued on 6/18/2024. The deficiencies were addressed on 6/28/2024.

The facility has two outfalls: Outfall 001 and Outfall 002. Outfall 001 is located at the overflow of a detention basin at the western end of the property. Outfall 001 is the representative outfall for the facility. Outfall 002 is located at a drainage ditch at the southwestern portion of the property. Outfall 002 receives off-site runoff. Outfall 001 and 002 discharge to a UNT to Letort Spring Run (HQ-CWF, MF).

Per the application, the PPC Plan was last updated in April 2024.

Approve	Deny	Signatures	Date
X		<i>Jacob S. Rakowsky</i> Jacob S. Rakowsky, E.I.T. / Project Manager	7/3/2024
X		<i>Scott M. Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	7/3/2024

**Summary of Review**

Part C permit conditions require semi-annual site inspections as well as implementation of BMPs and implementation of the facility PPC Plan. Given the BMPs in place, the discharge is not expected to have any measurable effect on the water quality of the receiving stream.

EPA waiver is in effect.

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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>N/A</u>
Latitude	<u>40° 13' 54.03"</u>	Longitude	<u>-77° 7' 47.01"</u>
Wastewater Description: <u>Stormwater associated with industrial activity.</u>			
Receiving Waters	<u>Unnamed Tributary to Letort Spring Run (HQ-CWF, MF)</u>	Stream Code	<u>10262</u>
NHD Com ID	<u>56405535</u>	RMI	<u>0.19</u>
Drainage Area	<u>2.15 sq. mi.</u>	Yield (cfs/mi <sup>2</sup> )	<u></u>
Q <sub>7-10</sub> Flow (cfs)	<u>6.56</u>	Q <sub>7-10</sub> Basis	<u>StreamStats</u>
Watershed No.	<u>7-B</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Nearest Downstream Public Water Supply Intake	<u>Steelton Borough Water Auth</u>		
PWS Waters	<u>Susquehanna River</u>	Municipality	<u>Steelton Borough, Dauphin County</u>
PWS RMI	<u>53.0</u>	Distance from Outfall (mi)	<u>~38.7</u>

Drainage Area: 151,261 SF

% Impervious: 60%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:  
 Vehicle fueling, maintenance and washing activities; storage of bulk materials.

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:  
 Detention basin.

Outfall 001 is listed as the representative outfall for the facility

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>002</u>	Design Flow (MGD)	<u>N/A</u>
Latitude	<u>40° 13' 52.07"</u>	Longitude	<u>-77° 7' 43.38"</u>
Wastewater Description: <u>Stormwater associated with industrial activity.</u>			
Receiving Waters	<u>Unnamed Tributary to Letort Spring Run (HQ-CWF, MF)</u>	Stream Code	<u>10262</u>
NHD Com ID	<u>56405535</u>	RMI	<u>0.19</u>
Drainage Area	<u>2.15 sq. mi.</u>	Yield (cfs/mi <sup>2</sup> )	<u></u>
Q <sub>7-10</sub> Flow (cfs)	<u>6.56</u>	Q <sub>7-10</sub> Basis	<u>StreamStats</u>
Watershed No.	<u>7-B</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Nearest Downstream Public Water Supply Intake	<u>Steelton Borough Water Authority</u>		
PWS Waters	<u>Susquehanna River</u>	Municipality	<u>Steelton Borough, Dauphin County</u>
PWS RMI	<u>53.0</u>	Distance from Outfall (mi)	<u>~38.7</u>

Drainage Area: 1,710,929 SF

% Impervious: 60%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:  
 Roll-offs and dumpsters; emergency generator.

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:  
 Drainage ditches with rip rap.

Outfall 002 is represented by Outfall 001.

<b>Compliance History</b>	
<b>Summary of DMRs:</b>	<p>Since this is an application for a new permit, DMR data is not available. A summary of application sampling results can be found in Table 1 below.</p> <p>The facility was not required to submit impairment sampling since the receiving water had no impairments. The discharge is not expected to cause impairments.</p>
<b>Summary of Inspections:</b>	<p>Since this is an application for a new permit, inspections have not been conducted at the site.</p>

Other Comments: The client currently has no open violations.

**Table 1. Application Sampling Results for Outfall 001**

<b>Pollutant</b>	<b>Concentration</b>
Oil and Grease (mg/L)	1.7
BOD5 (mg/L)	24.4
COD (mg/L)	70
TSS (mg/L)	4
TN (mg/L)	9.33
TP (mg/L)	0.789
pH (S.U.)	7.20

**Proposed Effluent Limitations and Monitoring Requirements**

Based on the facility's **SIC Code of 4213**, the **applicable PAG-03** NPDES Permit for Discharges of Stormwater Associated with Industrial Activity (effective 3/24/2023) appendix is **Appendix L**, which would include the following monitoring requirements:

**Table 2.** PAG-03, Appendix L Requirements

Parameter	Monitoring Requirements <sup>(1),(2)</sup>		Benchmark Values
	Minimum Measurement Frequency	Sample Type	
Total Nitrogen (mg/L) <sup>(3)</sup>	1 / 6 months	Calculation	XXX
Total Phosphorus (mg/L)	1 / 6 months	Grab	XXX
Total Suspended Solids (TSS) (mg/L)	1 / 6 months	Grab	100
Oil and Grease (mg/L)	1 / 6 months	Grab	30

**Footnotes**

- (1) In accordance with Part C V.C, the permittee shall conduct additional monitoring if specified by DEP in the letter authorizing permit coverage or other correspondence.
- (2) This is the minimum number of sampling events required. Permittees may optionally perform additional sampling.
- (3) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO<sub>2</sub>+NO<sub>3</sub>-N), where TKN and NO<sub>2</sub>+NO<sub>3</sub>-N are measured in the same sample.

**Table 3.** Proposed Monitoring Requirements

Parameter	Effluent Limitations				Monitoring Requirements	
	Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Total Nitrogen (mg/L)	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids (TSS) (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab

All required parameters from PAG-03 Appendix L are included in this permit. Benchmarks for TSS of 100 mg/L and Oil and Grease of 30 mg/L are included, which is typical of the monitoring requirements for PAG-03 Appendices (effective 3/24/2023).

The BMPs from Appendix L are included.

The requirement to submit an Annual Report is included.

The requirement for routine inspections on a semiannual basis is included.

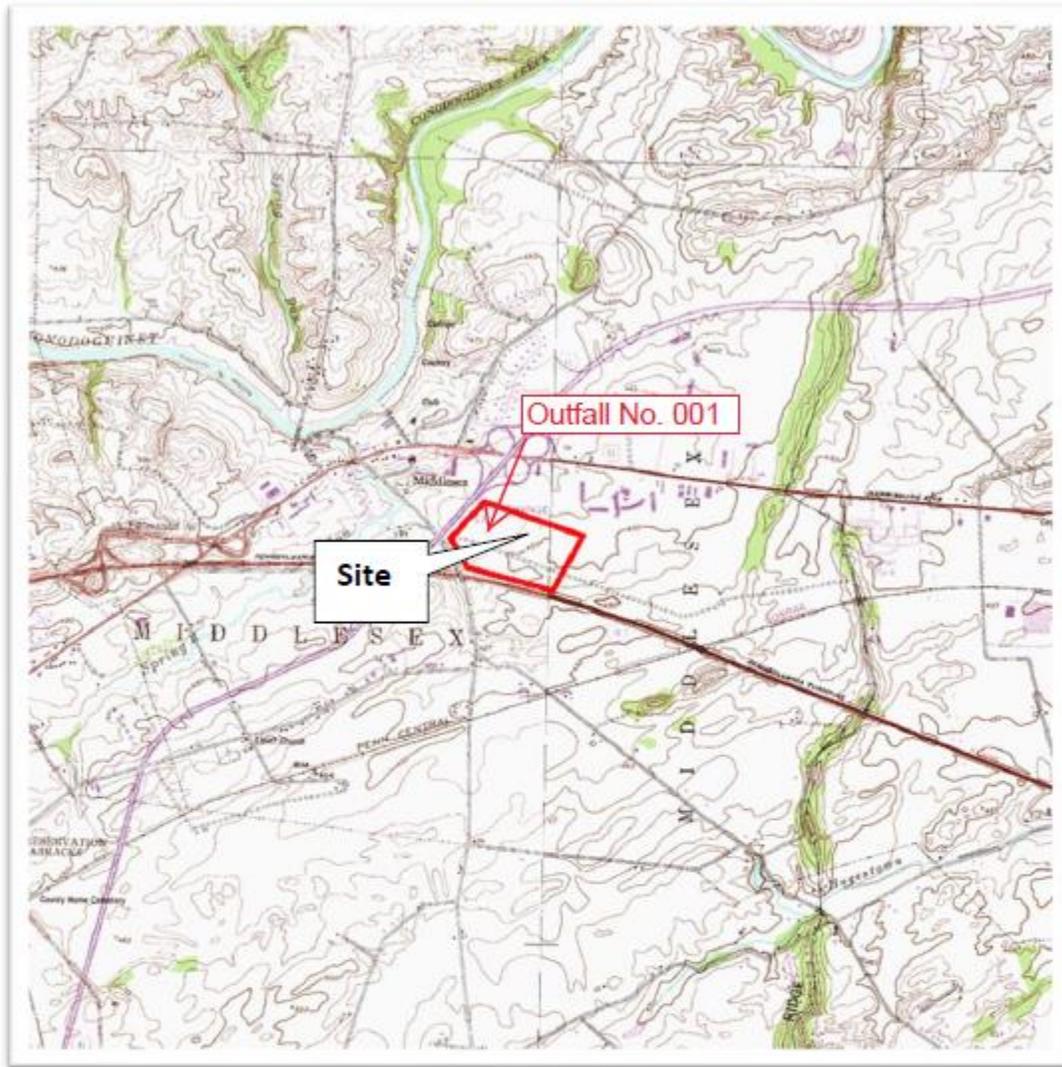
Antidegradation (93.4):

Since the applicant has a discharge to HQ waters and is seeking a permit for the first time, Module 1 (Anti Degradation Module) was included with the application.

The site implemented non-discharge alternatives through a series of structural BMPs. Stormwater from the property is treated by a detention basin and vegetated swales. The facility also utilizes street sweeping and maintains a PPC Plan.

The effluent limits for this discharge have been developed to ensure that existing instream water uses and the level of water quality necessary to protect the existing uses are maintained and protected. Best Management Practices will ensure that the existing instream uses are protected. No Exceptional Value Waters are impacted by this discharge.

The designated use of the receiving waters are as follows:  
UNT to Letort Spring Run (HQ-CWF, MF)



Map Scale: 1:24,000  
Image Courtesy USGS



USGS 7.5 Minute Mechanicsburg, PA  
Quadrangle

LAT: 40.231411° N

LONG: -77.129583° W

Nearest Receiving Water: Unnamed tributary to  
Letort Spring Run

**GEOS**  
ENVIRONMENTAL

GEOS Environmental, Inc.  
13014 N. Dale Mabry Hwy, No. 117  
Tampa, FL 33618  
[www.geosenvironmental.com](http://www.geosenvironmental.com)

**Figure 1. Area Topographic Map**  
Saia LTL Freight - HGB  
80 Roadway Drive  
Carlisle, PA 17015

Figure 1. Site Location Map

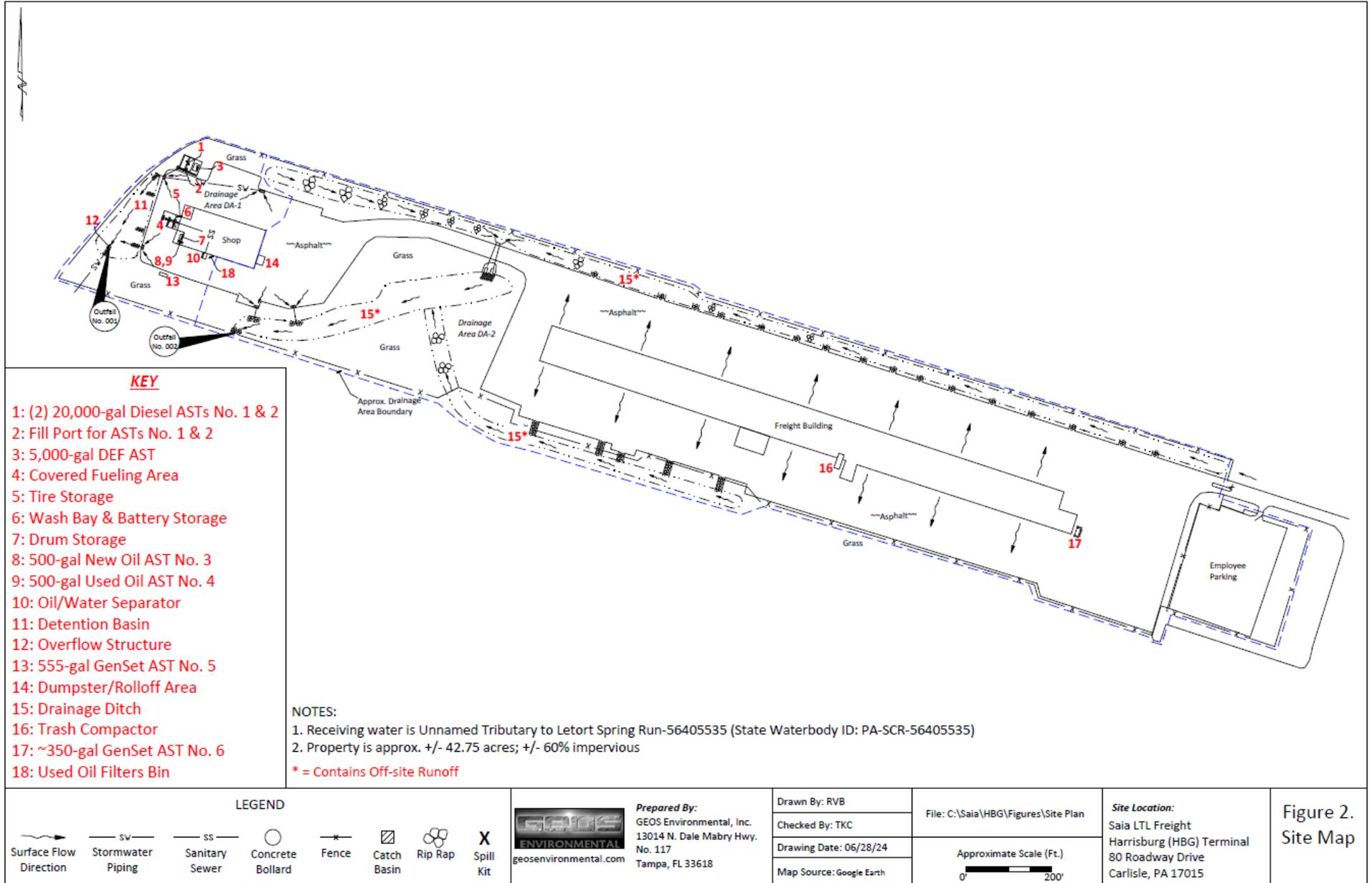


Figure 2. Site Plan