

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PAS803504
APS ID 687893
Authorization ID 1264232

Applicant and Facility Information

Applicant Name	<u>TForce Freight Inc.</u>	Facility Name	<u>TForce Freight Mechanicsburg</u>
Applicant Address	<u>1000 Semmes Avenue</u> <u>Richmond, VA 23224-2246</u>	Facility Address	<u>6060 Carlisle Pike</u> <u>Mechanicsburg, PA 17050-2863</u>
Applicant Contact	<u>Jeryll Womack</u>	Facility Contact	<u>Jeryll Womack</u>
Applicant Phone	<u>(804) 291-5850</u>	Facility Phone	<u>(614) 237-9171</u>
Client ID	<u>160629</u>	Site ID	<u>509941</u>
SIC Code	<u>4213</u>	Municipality	<u>Hampden Township</u>
SIC Description	<u>Trans. & Utilities - Trucking, Except Local</u>	County	<u>Cumberland</u>
Date Application Received	<u>March 6, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 8, 2019</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 renewal application for a NPDES individual permit for discharges of stormwater associated with industrial activity located in Hampden Township, Cumberland County. See Figures 1 and 2 for a Site Location Map and Site Plan.

The facility's SIC code is 4213 (freight trucking) which requires an NPDES permit. Since the facility discharges to an HQ-CWF surface water, the facility must be covered under a NPDES Individual Permit for Discharges of Stormwater Associated with Industrial Activities.

Facility Description, from application: freight handling and transport including vehicle fueling and maintenance. If the facility qualified for a PAG-03, they would fall under Appendix L based on their SIC Code.

An application was received 3/6/2019. The application was deemed complete on 3/8/2023. An administrative extension letter was sent on 4/1/2019. Technical deficiency letters were sent on 4/1/2019, 7/8/2021, and 7/13/2023. The technical deficiencies were addressed on 8/9/2023.

A transfer application was received on 6/15/2022 while the permit renewal was still pending. The transfer will be incorporated into this permit renewal.

The facility has one outfall that discharges to a UNT to Trindle Spring Run (HQ-CWF): Outfall 001. Outfall 001 is located at the southwest portion of the site. The facility also has Outfalls 002, 003, and 004, but there are no regulated industrial activities performed in the drainage areas to Outfalls 002, 003, and 004. Therefore, Outfalls 002, 003, and 004 are not covered by the NPDES permit.

Per the 2019 renewal application, the PPC Plan was last updated in 2014 and the SPCC Plan was last updated in 2016.

Approve	Deny	Signatures	Date
X		<i>Jacob S. Rakowsky</i> Jacob S. Rakowsky, E.I.T. / Project Manager	8/29/2023
X		<i>Scott M. Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	8/23/2023

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. There are no open violations for the client that would warrant withholding the issuance of this permit.

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° 14' 17.17"</u>	Longitude	<u>-76° 59' 48.57"</u>
Wastewater Description: <u>Stormwater associated with industrial activity.</u>			
Receiving Waters	<u>Unnamed Tributary to Trindle Spring Run (HQ-CWF, MF)</u>	Stream Code	<u>10223</u>
NHD Com ID	<u>56404787</u>	RMI	<u>0.76</u>
Drainage Area	<u>0.82</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0.22</u>	Q ₇₋₁₀ 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>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, SILTATION, SILTATION</u>		
Source(s) of Impairment	<u>AGRICULTURE, CONSTRUCTION, URBAN RUNOFF/STORM SEWERS</u>		
TMDL Status	<u>Final</u>	Name	<u>Conodoguinet Creek Watershed</u>
Nearest Downstream Public Water Supply Intake	<u>Steelton Borough Water Authority</u>		
PWS Waters	<u>Susquehanna River</u>	PWS Location	<u>Steelton Borough, Dauphin County</u>
PWS RMI	<u>52.8</u>	Distance from Outfall (mi)	<u>~22</u>

Drainage Area: 1,600,000 SF

% Impervious: 25%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:
From application, vehicle fueling/maintenance.

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:
From application, fueling BMPs and maintenance done indoors.

Compliance History	
Summary of DMRs:	A summary of DMR and application sampling can be found in Table 1 below.
Summary of Inspections:	The facility was last inspected on 5/16/2019. No violations were noted.

Other Comments: According to DEP's records, there are unresolved violation(s) at one or more facilities that the client owns or operates. See Table 2 below. In accordance with DEP's Clean Water Program standard operating procedures, an applicant's compliance history is considered prior to making a final decision on any permit application. The violations should be addressed during the draft comment period. DEP may not be able to issue a final permit until the violation(s) are resolved.

Table 1. 2021-2023 DMR and Application Results

Outfall 001	Total Iron (mg/L)	TKN (mg/L)	TSS (mg/L)	Oil and Grease (mg/L)	BOD5 (mg/L)	COD (mg/L)	TN (mg/L)	TP (mg/L)	pH (S.U)
2021	1.44	1.8	110	-	-	-	-	-	-
2022	2.2	2.3	<4.0	-	-	-	-	-	-
2023	3.2	3.2	100	3.2	8.2	66.0	3.5	0.066	7.6
Max.	3.2	3.2	110	3.2	8.2	66.0	3.5	0.066	7.6
Avg.	2.3	2.4	71.3	3.2	8.2	66.0	3.5	0.066	7.6

NPDES Permit Fact Sheet
TForce Freight Mechanicsburg

NPDES Permit No. PAS803504

Table 2. Open Violations

Permit: PAS803504
 Client: TFORCE FREIGHT INC (160629)
 Open Violations: 11

PF ID	FACILITY	PF KIND	INSP PROGRAM	PROGRAM SPECIFIC ID	INSP ID	VIOLATION ID	VIOLATION DATE	VIOLATION CODE	VIOLATION	INSP REGION
589443	TFORCE FREIGHT HBG	Transportation	Storage Tanks	21-61624	3599614	8155237	07/28/2023	245.615	Failure to maintain required records	SCRO
589443	TFORCE FREIGHT HBG	Transportation	Storage Tanks	21-61624	3599614	8155239	07/28/2023	245.612	Failure to meet performance and design standards	SCRO
589443	TFORCE FREIGHT HBG	Transportation	Storage Tanks	21-61624	3599614	8155241	07/28/2023	245.612	Failure to meet performance and design standards	SCRO
589443	TFORCE FREIGHT HBG	Transportation	Storage Tanks	21-61624	3599614	8155242	07/28/2023	245.612	Failure to meet performance and design standards	SCRO
589443	TFORCE FREIGHT HBG	Transportation	Storage Tanks	21-61624	3599614	8156704	07/28/2023	245.612(D)	Failure to meet containment requirements	SCRO
638994	TFORCE FREIGHT BENSLEM FAC	Stormwater-Industrial	WPC NPDES	PAR800046	3420402	967660	05/17/2022	CSL611	CSL - Failure to comply with terms and conditions of a WQM permit	SERO
643650	TFORCE FREIGHT BETHLEHEM	Stormwater-Industrial	WPC NPDES	PAS802217	3311169	942878	01/24/2022	92A.41(A)12B	NPDES - Failure to submit monitoring report(s) or properly complete monitoring reports	NERO
643650	TFORCE FREIGHT BETHLEHEM	Stormwater-Industrial	WPC NPDES	PAS802217	3407734	965022	08/16/2022	92A.41(A)12B	NPDES - Failure to submit monitoring report(s) or properly complete monitoring reports	NERO
643650	TFORCE FREIGHT BETHLEHEM	Stormwater-Industrial	WPC NPDES	PAS802217	3507054	985616	02/21/2023	92A.44	NPDES - Violation of effluent limits in Part A of permit	NERO
643650	TFORCE FREIGHT BETHLEHEM	Stormwater-Industrial	WPC NPDES	PAS802217	3507054	985617	02/21/2023	92A.41(A)10C	NPDES - Failure to collect representative samples	NERO
643650	TFORCE FREIGHT BETHLEHEM	Stormwater-Industrial	WPC NPDES	PAS802217	3507054	985622	02/21/2023	92A.41(A)12B	NPDES - Failure to submit monitoring report(s) or properly complete monitoring reports	NERO

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 3. PAG-03, Appendix L Requirements

Parameter	Monitoring Requirements ^{(1),(2)}		Benchmark Values
	Minimum Measurement Frequency	Sample Type	
Total Nitrogen (mg/L) ⁽³⁾	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	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 (NO₂+NO₃-N), where TKN and NO₂+NO₃-N are measured in the same sample.

Table 4. 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	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	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):

The applicant is not proposing a new discharge to a High Quality (HQ) or Exceptional Value (EV) water, so Module 1 (Anti Degradation Module) was not needed.

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 Trindle Spring Run (HQ-CWF, MF)

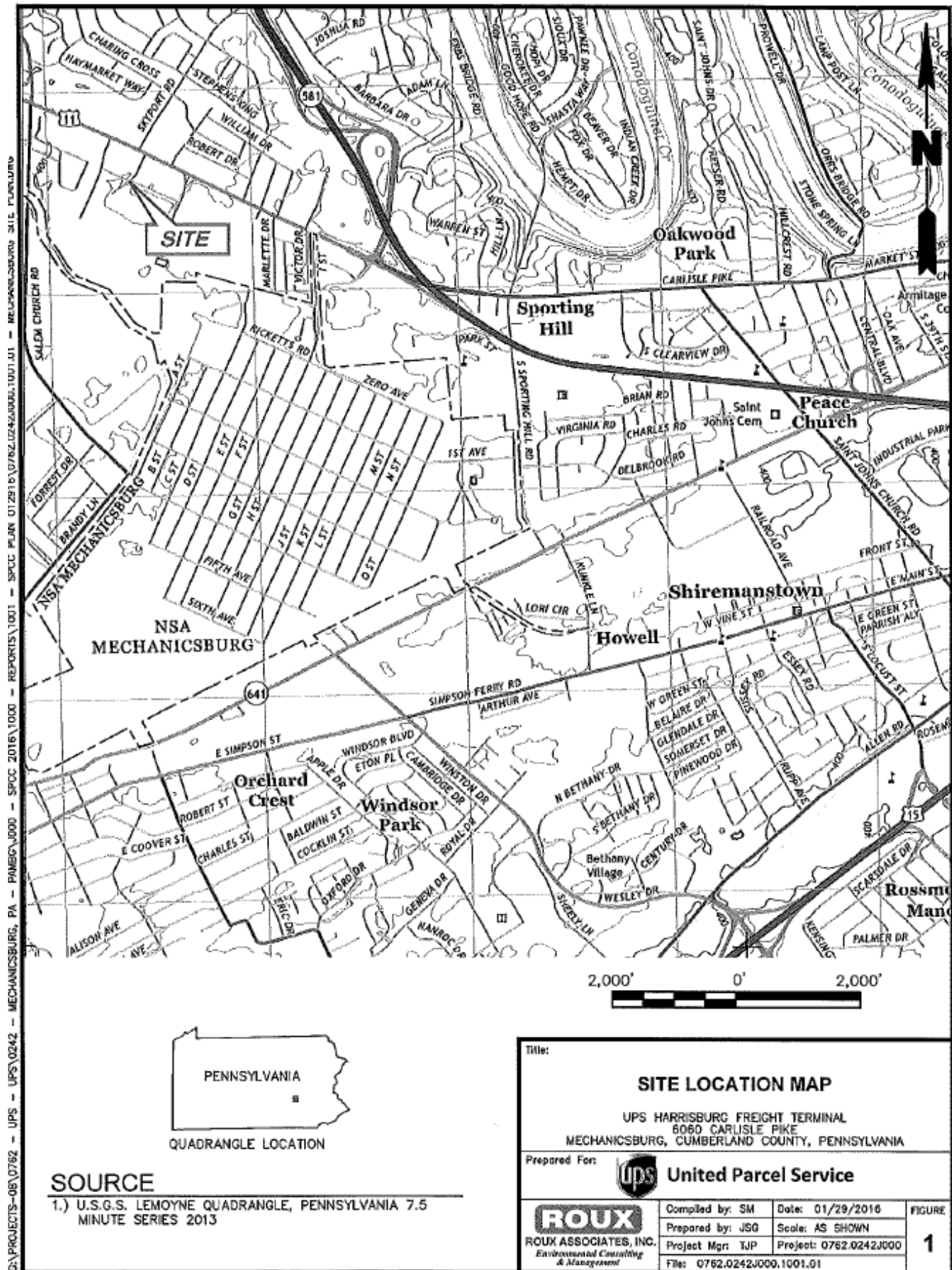


Figure 1. Site Location Map

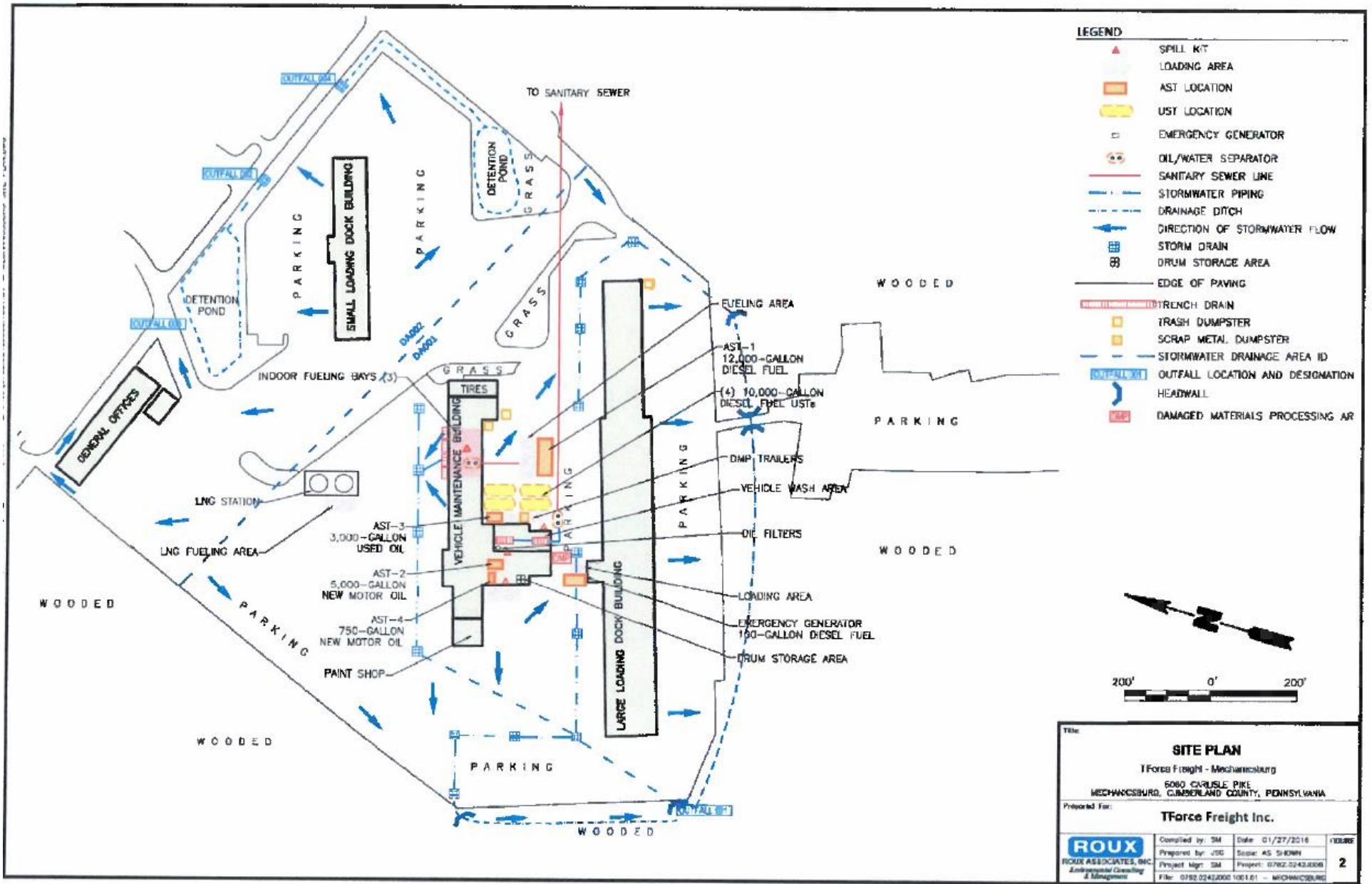


Figure 2. Site Plan