

Application Type
Facility Type
Major / Minor

Renewal
Storm Water
Minor

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

Application No. PA0247651
APS ID 546053
Authorization ID 1493570

Applicant and Facility Information

Applicant Name	<u>United Parcel Service Inc.</u>	Facility Name	<u>United Parcel Service Lewistown</u>
Applicant Address	<u>1155 Enterprise Road</u>	Facility Address	<u>145 Royal Street</u>
Applicant Contact	<u>East Petersburg, PA 17520-1603</u>	Facility Contact	<u>Reedsdale, PA 17084-9798</u>
Applicant Phone	<u>Drew Wissler</u>	Facility Phone	<u>(717) 572-5305</u>
Client ID	<u>(717) 572-5305</u>	Site ID	<u>651240</u>
SIC Code	<u>143513</u>	Municipality	<u>Armagh Township</u>
SIC Description	<u>4215</u> <u>Trans. & Utilities - Courier Services,</u> <u>Except By Air</u>	County	<u>Mifflin</u>
Date Application Received	<u>July 29, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>August 14, 2024</u>	If No, Reason	
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 Armagh Township, Mifflin County. See Figure 1 for a Site Plan.

The facility's SIC code is 4215 (courier services, except by air) which requires a NPDES permit for discharges of stormwater associated with industrial activity. 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. If the facility qualified for a PAG-03, they would fall under Appendix L based on their SIC code.

Facility Description: Courier services with package sorting and land transportation operations.

A renewal application was received via Public Uploads Ref ID 249122 on 7/29/2024. The application was deemed complete on 8/14/2024.

The facility has one outfall that discharges to a UNT to Tea Creek (HQ-CWF, MF): Outfall 001. Outfall 001 comprises the paved areas surrounding the southern portion of the Main Building, roof drainage in the southern portion of the Main Building (which enters the on-site stormwater conveyance system), and includes a stormwater inlet that collects stormwater via sheet flow. The southern portion of the Main Building, which includes Vehicle Wash Areas and the Auto Shop, is located within Outfall 001's drainage area. Stormwater from Outfall 001's drainage area collects in the stormwater inlet and discharges via underground piping and Outfall 001 to the drainage ditch along Royal Street.

The facility also has an outfall, Outfall 002, which comprises the paved areas surrounding the northern portion of the Main Building. Outfall 002 includes the impervious surfaces surrounding the northern portion of the Main Building. No industrial

Approve	Deny	Signatures	Date
X		<i>Jacob S. Rakowsky</i> Jacob S. Rakowsky, E.I.T. / Project Manager	8/14/2024
X		<i>Scott M. Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	8/14/2024

Summary of Review

activities occur in Outfall 002's drainage area. Outfall 002 stormwater discharges via sheet flow to an undeveloped grass area north of the Facility. Since this outfall does not contain industrial activity, it is not included in the permit.

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

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.	001	Design Flow (MGD)	N/A
Latitude	40° 41' 42.35"	Longitude	-77° 35' 21.45"
Wastewater Description:	Stormwater associated with industrial activity.		
Receiving Waters	Unnamed Tributary of Tea Creek (HQ-CWF, MF)	Stream Code	12535
NHD Com ID	66203969	RMI	0.75
Drainage Area	1.73	Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)	0.353	Q ₇₋₁₀ Basis	StreamStats
Watershed No.	12-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Nearest Downstream Public Water Supply Intake		Mifflintown Muni Auth	
PWS Waters	Juniata River	Municipality	Milford Twp, Juniata County
PWS RMI	37.32	Distance from Outfall (mi)	~18.5

Drainage Area: 31,570 SF

% Impervious: 83%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:
Loading/unloading of indoor ASTs and outdoor heating oil UST

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:
Drip pans at vehicles awaiting maintenance; dumpsters are closed except when in use; spill kits available during AST and UST loading/unloading

Compliance History	
Summary of DMRs:	Renewal application sampling results can be found in Table 1 below.
Summary of Inspections:	The facility was last inspected on 2/1/2023. No violations were noted. The client currently has no open violations that should affect issuance of the final permit.

Table 1. Renewal Application Sampling Results

Pollutant	Avg Concentration (mg/L)	Max Concentration (mg/L)	No. Storm Events Sampled
Oil and Grease	< 5	10	6
BOD5	6.3	9.9	2
COD	89	180	6
TSS	93	170	6
TN	1.3	1.3	1
TP	0.19	0.274	6
pH (S.U.)	7.32	8.0	6
TKN	1.94	4.03	6
CBOD	< 7.3	15	5
Total Iron	0.9	1.6	6

Summary of sampling results: COD and TSS max concentrations exceeded PAG-03 benchmarks.

Based on the facility's SIC code of 4215, 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 ^{(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 (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 (NO₂+NO₃-N), where TKN and NO₂+NO₃-N are measured in the same sample.

Proposed Effluent Limitations and Monitoring Requirements

The facility was previously required to sample for pH, CBOD5, COD, TSS, Oil and Grease, TKN, TP, and Total Iron. These parameters will be retained for the renewal. TN sampling be added to the permit, consistent with PAG-03 Appendix L (effective 3/24/2023).

Table 3. Proposed Monitoring Requirements for Outfall 001

Parameter	Effluent Limitations				Monitoring Requirements ^{(1),(2)}	
	Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Total Nitrogen (mg/L) ⁽³⁾	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
pH (S.U.)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids (TSS) (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD) (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Kjeldahl Nitrogen (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab

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.

All required parameters from PAG-03 Appendix L are included in this permit.

Benchmarks for TSS of 100 mg/L, pH of 9.0 S.U., Oil and Grease of 30 mg/L, and COD of 120 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 or increased discharge to a High Quality (HQ) or Exceptional Value (EV) water, so Module 1 (Anti Degradation Module) was not attached to the application.

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 Tea Creek (HQ-CWF, MF)

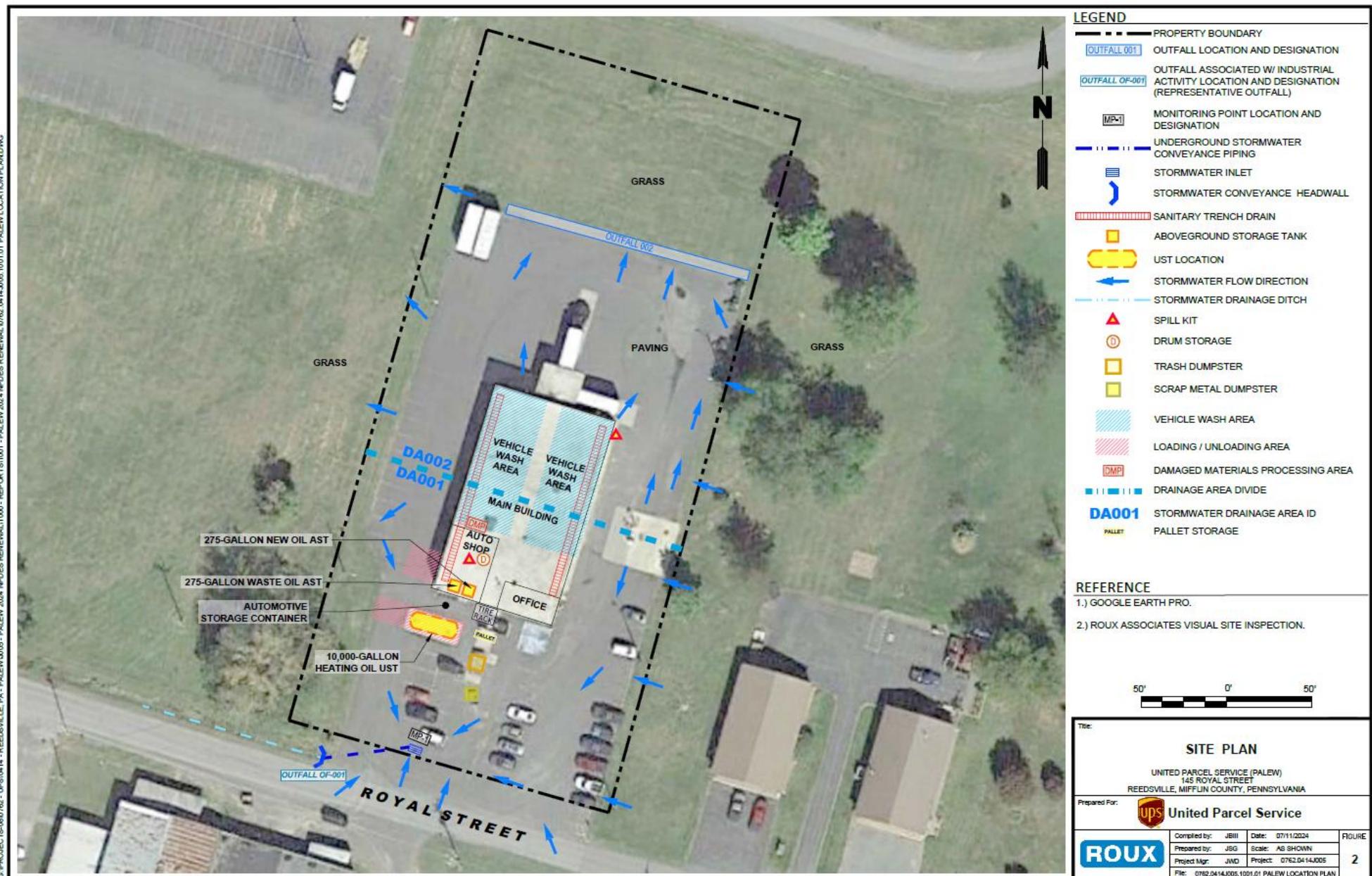


Figure 1. Site Plan