Pennsylvania Department of Environmental Protection

Southcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**New**	Application No.	**PA0294586**
Facility Type	**Storm Water**	APS ID	**330212**
Major / Minor	**Minor**	Authorization ID	**1506325**

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

Applicant and Facility Information

Applicant Name	**Yerty Auto Service Inc.**	Facility Name	**Yerty Auto Service Inc.**
Applicant Address	8358 Woodbury Pike	Facility Address	8358 Woodbury Pike
	Roaring Spring, PA 16673-8107		Roaring Spring, PA 16673-8107
Applicant Contact	Carl Yerty	Facility Contact	Carl Yerty
Applicant Phone	(814) 329-8811	Facility Phone	(814) 695-8079
Client ID	145142	Site ID	506211
SIC Code	5015,5093	Municipality	Taylor Township
SIC Description	Wholesale Trade - Motor Vehicle Parts, Used,Wholesale Trade - Scrap And Waste Materials	County	Blair
Date Application Received	November 8, 2024	EPA Waived?	Yes
Date Application Accepted	December 30, 2024	If No, Reason	

Purpose of Application: NPDES discharge of stormwater associated with industrial activity.

Summary of Review

This is an application for a NPDES individual permit for discharges of stormwater associated with industrial activity located in Taylor Township, Blair County. See Figure 1 for a Site Plan.

The facility's SIC code is 5093 (scrap and waste materials) which requires a NPDES permit for discharges of stormwater associated with industrial activity. The facility was previously covered under PAG033661, but no longer qualifies for a PAG-03 general permit because it discharges to a High-Quality (HQ) surface water. Therefore, the facility must be covered under an individual permit for discharges of stormwater associated with industrial activity. PA0294586 will replace PAG033661 upon issuance of the final permit. If the facility qualified for a PAG-03, they would fall under Appendix P based on their SIC code.

Facility Description: automobile service, recycling, and parts center.

An application was received on 11/8/2024 via PUP 270216. The application was deemed complete on 12/30/2024.

The facility has three outfalls: Outfall 001, Outfall 002, and Outfall 003. All three outfalls discharge to Halter Creek (HQ-CWF, MF).

Per the application, the PPC Plan was last updated in June 2014.

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.

Approve	Deny	Signatures	Date
X		*Jacob S. Rakowsky* Jacob S. Rakowsky, E.I.T. / Project Manager	12/31/2024
X		*Scott M. Arwood* Scott M. Arwood, P.E. / Environmental Engineer Manager	12/31/2024

Summary of Review
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 (stormwater)
Latitude	40º 21' 30.00"	Longitude	-78º 24' 55.00"
Wastewater Description:	Stormwater associated with industrial activity.		
Receiving Waters	Halter Creek (HQ-CWF, MF)	Stream Code	16503
NHD Com ID	65609890	RMI	0.4
Drainage Area	32.5 sq. mi.	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)	5.07	Q_{7-10} Basis	StreamStats
Watershed No.	11-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, TOTAL SUSPENDED SOLIDS (TSS)		
Source(s) of Impairment	SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS		
TMDL Status		Name	
Nearest Downstream Public Water Supply Intake	Mifflintown Municipal Authority		
PWS Waters	Juniata River	Municipality	Milford Twp, Juniata County
PWS RMI	37.3	Distance from Outfall (mi)	105

Drainage Area: 1,306,800 SF

% Impervious: 100%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:
Auto Salvage.

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:
From previous PAG033661 Fact Sheet, “Contaminants will be contained in the tanks spill containment area. But until then, spills will be contained by control pads and pigs.”

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002	Design Flow (MGD)	N/A (stormwater)
Latitude	40º 21' 20.00"	Longitude	-78º 24' 40.00"
Wastewater Description:	Stormwater associated with industrial activity.		
Receiving Waters	Halter Creek (HQ-CWF, MF)	Stream Code	16503
NHD Com ID	65609890	RMI	0.4
Drainage Area	32.5 sq. mi.	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)	5.07	Q_{7-10} Basis	StreamStats
Watershed No.	11-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, TOTAL SUSPENDED SOLIDS (TSS)		
Source(s) of Impairment	SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS		
TMDL Status		Name	
Nearest Downstream Public Water Supply Intake	Mifflintown Municipal Authority		
PWS Waters	Juniata River	Municipality	Milford Twp, Juniata County
PWS RMI	37.3	Distance from Outfall (mi)	105

Drainage Area: 871,200 SF

% Impervious: 100%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:
Auto Salvage.

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:
From previous PAG033661 Fact Sheet, “Contaminants will be contained in the tanks spill containment area. But until then, spills will be contained by control pads and pigs.”

Discharge, Receiving Waters and Water Supply Information

Outfall No.	003	Design Flow (MGD)	N/A (stormwater)
Latitude	40º 21' 15.00"	Longitude	-78º 24' 35.00"
Wastewater Description:	Stormwater associated with industrial activity.		
Receiving Waters	Halter Creek (HQ-CWF, MF)	Stream Code	16503
NHD Com ID	65609890	RMI	0.4
Drainage Area	32.5 sq. mi.	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)	5.07	Q_{7-10} Basis	StreamStats
Watershed No.	11-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, TOTAL SUSPENDED SOLIDS (TSS)		
Source(s) of Impairment	SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS		
TMDL Status		Name	
Nearest Downstream Public Water Supply Intake	Mifflintown Municipal Authority		
PWS Waters	Juniata River	Municipality	Milford Twp, Juniata County
PWS RMI	37.3	Distance from Outfall (mi)	105

Drainage Area: 95,832 SF

% Impervious: 0.1%

Description of Materials/Activities in Drainage Area Exposed to Precipitation:
Auto Salvage.

Description of Treatment or BMPs in Drainage Area to Control Pollutants in Stormwater:
From previous PAG033661 Fact Sheet, “Contaminants will be contained in the tanks spill containment area. But until then, spills will be contained by control pads and pigs.”

Compliance History	
Summary of DMRs:	The facility was required to submit semiannual sampling results for Total Nitrogen, Total Phosphorus, COD, TSS, Oil and Grease, Total Copper, Total Lead, Total Zinc, and Total Aluminum under Appendix P of their previous general permit. The facility is up to date with their eDMR submissions. A summary of eDMR sampling results and application sampling results can be found in Tables 1 and 2 below. The facility was required to submit TSS impairment sampling results due to the siltation impairment of the receiving water. The discharge is not expected to cause or contribute to the impairments.
Summary of Inspections:	The facility was last inspected on 7/21/2021. No violations were noted. The client currently has no open violations that should affect issuance of the final permit.

Table 1. eDMR Data for Outfalls 001, 002, and 003 in mg/L

	COD			TSS			Oil and Grease			Total Copper			Total Lead		
	001	002	003	001	002	003	001	002	003	001	002	003	001	002	003
2021 2nd Half	<15	<15	<15	4.8	8	10.8	<7.25	<6.15	<5.8	<0.01	<0.01	<0.01	<0.008	0.008	<0.008
2022 1st Half	25.1	25.1	<15	4.8	50.8	18	<5.9	<5.45	<6.25	<0.01	<0.01	<0.01	<0.008	<0.008	<0.008
2022 2nd Half	<15	<15	<15	<1.6	46.8	36.8	<5.05	<5.95	<5.55	<0.01	<0.01	<0.01	<0.08	<0.08	<0.08
2023 1st Half	<15	<15	<15	<1.6	23.6	12.8	<5.8	<6.25	<5.8	<0.01	<0.01	<0.02	<0.008	<0.008	<0.008
2023 2nd Half	<15	<15	<15	<1.6	33.2	43.2	<6.25	<6.25	<5.9	<0.01	<0.01	0.01	<0.008	<0.008	<0.008
2024 1st Half	31.5	29.3	<15	78	57.6	14.4	<8.93	<12.5	<9.43	<0.01	<0.01	<0.01	<0.008	<0.008	<0.008

Table 1 continued. eDMR Data for Outfalls 001, 002, and 003 in mg/L

	Total Zinc			Total Nitrogen			Total Phosphorus			Total Aluminum		
	001	002	003	001	002	003	001	002	003	001	002	003
2021 2nd Half	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	-
2022 1st Half	0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	-
2022 2nd Half	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	-
2023 1st Half	0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	-
2023 2nd Half	<0.02	<0.02	<0.02	2.969	1.7	1.7	0.01	0.015	0.014	E	E	E
2024 1st Half	<0.02	<0.02	<0.02	2.2	2.2	1.7	0.055	0.164	0.013	2.76	2.74	0.269

Table 2. Application Sampling Results for Outfalls 001, 002, and 003 (November 2024)

	001	002	003
Oil and Grease	<6.65	<5.95	<8.35
BOD5	21.9	<20.0	21.9
COD	200	210	218
TSS	10	34.8	10
TN	17	17	17
TP	2.28	2.09	2.28
pH (S.U.)	7.98	8.14	7.98
TKN	<1.0	<1.0	<1.0
Total Iron	<0.20	<0.20	1.61

Summary of Sampling Results:
Values highlighted in red in Table 1 and Table 2 exceeded PAG-03 benchmarks. The applicable PAG-03 benchmarks include: 120 mg/L for COD, 9.0 S.U. for pH, 100 mg/L for TSS, 30 mg/L for Oil and Grease, and 30 mg/L for BOD5. Benchmarks were exceeded for COD at each outfall during application sampling.

Based on the facility's **SIC code of 5093**, the applicable PAG-03 NPDES Permit for Discharges of Stormwater Associated with Industrial Activity (effective 3/24/2023) appendix is **Appendix P**, which would include semiannual monitoring of TN, TP, TSS, Oil and Grease, COD, Total Aluminum, Total Copper, Total Lead, Total Zinc.

Proposed Effluent Limitations and Monitoring Requirements

All parameters from PAG-03 Appendix P are included in this permit. No additional parameters have been added.

Table 3. Proposed Monitoring Requirements for Outfall 001, 002, 003:

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
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
Chemical Oxygen Demand (COD) (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Copper (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Lead (mg/L)	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc (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 P are included in this permit.
Benchmarks for TSS of 100 mg/L, COD of 120 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 P 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:
Halter Creek (HQ-CWF, MF)

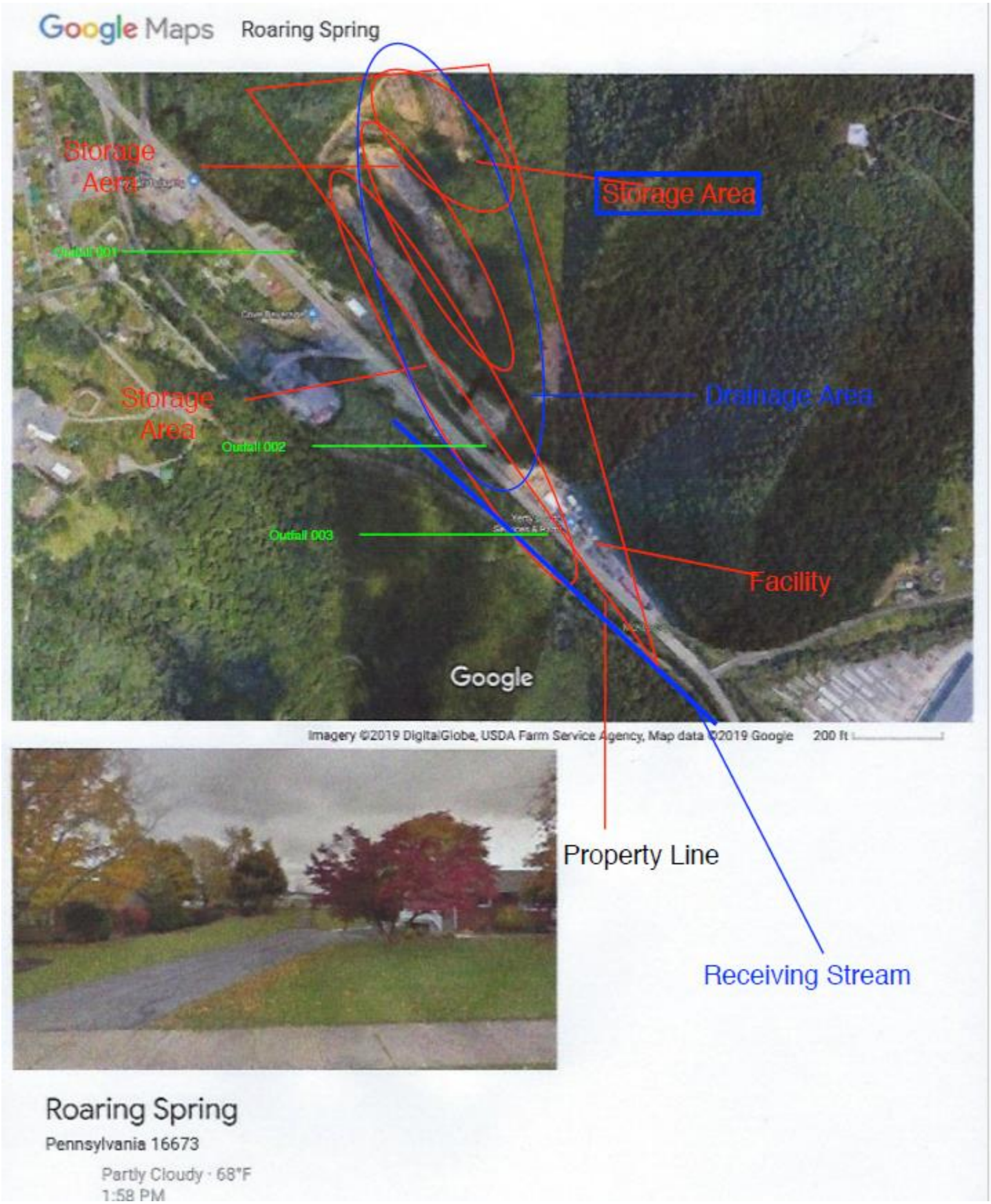

Figure 1. Site Plan