

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245160
APS ID 1008746
Authorization ID 1300650

Applicant and Facility Information

Applicant Name	<u>First Choice Auto Salvage & Recycling, LLC.</u>	Facility Name	<u>First Choice Auto Salvage & Recycling</u>
Applicant Address	<u>P O Box 52</u> <u>Baptistown, NJ 08803</u>	Facility Address	<u>2785 Richlandtown Pike</u> <u>Coopersburg, PA 18036-9635</u>
Applicant Contact	<u>Antonio DeSapio</u>	Facility Contact	<u>Antonio DeSapio</u>
Applicant Phone	<u>(908) 303-3398</u>	Facility Phone	<u>(908) 963-4125</u>
Client ID	<u>345948</u>	Site ID	<u>840890</u>
SIC Code	<u>5015</u>	Municipality	<u>Springfield Township</u>
SIC Description	<u>Wholesale Trade - Motor Vehicle Parts, Used</u>	County	<u>Bucks</u>
Date Application Received	<u>December 30, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Discharge of stormwater associated with industrial activities</u>		

Summary of Review

The applicant submitted an application for Individual NPDES permit to discharge stormwater from Auto Salvage & Recycling facility into UNT to Cooks Creek which is designated as Exceptional Value (EV) stream.

First Choice Auto Salvage & Recycling Facility operates under SIC Code 5015 (Motor Vehicle Used Parts) as motor vehicle parts yard and as auto repair shop under SIC Code 7538. The salvage yard is located at 2785 Richlandtown Pike in Springfield Township, Bucks County. The salvage yard has been active for many years and includes hundreds of cars over forty acres. The facility continues to remove old cars left by the previous owner and clean up the property. Incoming vehicles are staged at the front of the property and are processed through the shop prior to staging in the yard. This involves routine draining of fluids and may involve having engines and transmission removed.

The site includes a series of infiltration trenches for stormwater management. The facility inspection was conducted by Paul Jardel of Operation Section on February 27, 2020. The stormwater from salvage yard flows into infiltration three trenches. Drainage from site slopes south from the office/shop and west in the vehicle storage area towards a headwater head water tributary of Cook Creek. The onsite pond collects stormwater from a small portion of the facility at the entrance drive and office/shop area. As shown in E & S Plan, the discharge from two pipes are at the head of waterway channel. The west side pipe begins at the MS4 road side drain located opposite the facility entrance. The east side pipe collects stormwater from the ditch on north side of shop building and joins the flow that originates from offsite. The stormwater from the vehicle storage yard flows west toward the UNT is mostly intercepted by the infiltration trenches. It was observed by our Inspector during site inspection that stormwater was bypassing infiltration trenches #2 and #3 and discharging into stream channel. Therefore, we have included Outfall 002 and Outfall 003 in the NPDES permit with same sampling requirements. When applicant completes the grading work at the site to prevent stormwater bypassing infiltration trenches and upon verification of the completed site grading by our Operation Section, we will remove these two Outfalls from the permit.

Approve	Deny	Signatures	Date
X		Ketan Thaker / Project Manager <i>Ketan Thaker</i>	July 15, 2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	07/16/2020

Summary of Review

Applicant has filled out Module 1 – Antidegradation in the NPDES application with Non-Discharge Alternative Analysis because receiving stream is designated as Exceptional Value (EV) stream. If the facility is functioning properly and all personnel are adhering to the proper protocol and disassembly processes, then no contaminated stormwater is expected from the site. Applicant did not provide any results of sampling analysis of pollutants required under NPDES application. We have used Appendix O of PAG-03 for Automobile Salvage Yards for effluent limits and Sector-Specific BMPs.

Following are the effluent limits:

Parameter	Effluent Limit (mg/l)	Basis
Total Suspended Solids	30	BPJ and Water Quality Criteria
Oil and Grease	5.0	BPJ and Water Quality Criteria
Total Aluminum	0.75	BPJ and Water Quality Criteria
Total Copper	0.009	BPJ and Water Quality Criteria
Total Iron	1.5	BPJ and Water Quality Criteria
Total Lead	0.003	BPJ and Water Quality Criteria
Total Zinc	0.12	BPJ and Water Quality Criteria
Total Mercury	0.0002	BPJ and Water Quality Criteria

Act-14 Notification to Springfield Township and Bucks County on October 25, 2019.

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) 0
 Latitude 40° 31' 31.36" Longitude -75° 19' 46.94"
 Quad Name _____ Quad Code _____
 Wastewater Description: Stormwater

Receiving Waters Unnamed Tributary to Cooks Creek (EV, MF) Stream Code _____
 NHD Com ID 26040924 RMI 3.1800
 Drainage Area _____ Yield (cfs/mi²) _____
 Q₇₋₁₀ Flow (cfs) _____ Q₇₋₁₀ Basis _____
 Elevation (ft) _____ Slope (ft/ft) _____
 Watershed No. 2-D Chapter 93 Class. EV, 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 _____

Background/Ambient Data	Data Source
pH (SU) _____	_____
Temperature (°F) _____	_____
Hardness (mg/L) _____	_____
Other: _____	_____

Nearest Downstream Public Water Supply Intake _____
 PWS Waters _____ Flow at Intake (cfs) _____
 PWS RMI _____ Distance from Outfall (mi) _____

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the “NPDES Permit Writer’s Manual” (362-0400-001), SOPs and/or BPJ.

Outfall 001, 002 and 003 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Daily Maximum	Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	30	XXX	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	5.0	XXX	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	0.75	XXX	XXX	1/6 months	Grab
Total Copper	XXX	XXX	XXX	0.009	XXX	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	1.5	XXX	XXX	1/6 months	Grab
Total Lead	XXX	XXX	XXX	0.003	XXX	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	0.12	XXX	XXX	1/6 months	Grab
Total Mercury	XXX	XXX	XXX	0.0002	XXX	XXX	1/6 months	Grab