

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0058629
APS ID 1019002
Authorization ID 1319164

Applicant and Facility Information

Applicant Name	<u>Jamison's Used Auto Parts</u>	Facility Name	<u>Jamison's Used Auto Parts</u>
Applicant Address	<u>529 Flint Hill Road</u> <u>King of Prussia, PA 19406</u>	Facility Address	<u>529 Flint Hill Road</u> <u>King of Prussia, PA 19406-2727</u>
Applicant Contact	<u>Francis E. Schultz, Jr.</u>	Facility Contact	<u>Francis E. Schultz, Jr.</u>
Applicant Phone	<u>(610) 272-9823</u>	Facility Phone	<u>(610) 272-9823</u>
Client ID	<u>110655</u>	Site ID	<u>481236</u>
SIC Code	<u>5015</u>	Municipality	<u>Upper Merion Township</u>
SIC Description	<u>Wholesale Trade - Motor Vehicle Parts, Used</u>	County	<u>Montgomery</u>
Date Application Received	<u>June 25, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit Renewal.</u>		

Summary of Review

Applicant requests renewal of an NPDES permit to discharge stormwater from an automotive recycling and salvage facility to an Unnamed Tributary to the Schuylkill River.

Damaged and abandoned automobiles are acquired by the facility. Automobiles are partially disassembled, and parts and components sold from the facility. The automobiles are disassembled at various locations and the used parts are stored indoors and outdoors. Batteries, tires, rims and radiators are removed from the vehicles and recycled off site. Anti-freeze is collected from the automobiles into a 200-gallon AST and recycled offsite by Lorco Petroleum. Gasoline and diesel are collected in drums and totes and transferred to aboveground storage tanks for use in company vehicles. The aboveground storage tanks are located in concrete diked areas that would contain small spills and overflow due to the small size of the tanks and topography of the site, larger spills would be contained on site. After the useful parts are removed from the automobiles, the car and truck bodies are crushed and shipped off site for recycling, tires are also shipped off site for recycling.

Waste oil and automotive fluids collected in the automotive disassembly and crushing area are stored in aboveground tanks. Waste oil is transferred from 55-gallon drums and/or 250-gallon totes into the aboveground storage tank and once the storage tank is full, the oil is hauled off site by a contractor for disposal. Minor overflow or spillage outside the tank would fall on the paved concrete area surrounding the tank. The oil tank is in close proximity to the fluid collection pits and larger spills would be contained by the pits. Pits are piped to the oil water separator and the lined holding lagoon.

All stormwater at the site flows toward the oil water separator and is piped to the lined lagoon and discharged to Outfall 001. The lined holding lagoon is 50'x50'x8' in size and equipped with an oil skimmer, containment curbs, and hay bales.

Up to 900 vehicles can be stored at the facility and about 200 vehicles are recycled per month.

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	September 21, 2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	09/21/2020

Summary of Review

According to the operations section the facility is operating well.

There are no changes in the treatment units, influent characteristics, stream designation etc. the existing limits are recommended to carry over to the new permit.

Act 14 Notifications:

Upper Merion Township	-	April 22, 2020
Montgomery County	-	April 22, 2020

Permit Conditions:

- A. Stormwater Outfalls
- B. Best Management Practices
- C. Routine Inspections
- D. PPC Plan
- E. Stormwater Monitoring Requirements
- F. Acquire Necessary Property Rights
- G. Proper Sludge Disposal
- H. Small stream discharge

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>0</u>
Latitude	<u>40° 5' 6.76"</u>	Longitude	<u>-75° 19' 47.86"</u>
Quad Name	<u>Norristown</u>	Quad Code	<u>1843</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to Schuylkill River</u>	Stream Code	<u>00833</u>
NHD Com ID	<u>25985528</u>	RMI	<u>22</u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>FLOW REGIME MODIFICATION, SILTATION</u>		
Source(s) of Impairment	<u>HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, URBAN RUNOFF/STORM SEWERS</u>		

Compliance History

DMR Data for Outfall 001 (from June 1, 2019 to May 31, 2020)

Parameter	MAY-20	APR-20	MAR-20	FEB-20	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19
pH (S.U.) Instantaneous Minimum			7.5			E			E			E
pH (S.U.) Instantaneous Maximum			7.5			E			E			E
COD (mg/L) Instantaneous Maximum			18.9			E			E			E
TSS (mg/L) Instantaneous Maximum			9.0			E			E			E
Oil and Grease (mg/L) Daily Average			1.4			E			E			E
Oil and Grease (mg/L) Instantaneous Maximum			1.4			E			E			E
TRPH (mg/L) Instantaneous Maximum			E			E			E			E
Total Aluminum (mg/L) Instantaneous Maximum						E						
Total Cadmium (mg/L) Instantaneous Maximum						E						
Total Chromium (mg/L) Instantaneous Maximum						E						
Total Copper (mg/L) Instantaneous Maximum						E						
Dissolved Iron (mg/L) Instantaneous Maximum						E						

NPDES Permit Fact Sheet
Jamison's Used Auto Parts

NPDES Permit No. PA0058629

Total Lead (mg/L) Instantaneous Maximum						E						
Total Zinc (mg/L) Instantaneous Maximum						E						
Gasoline Range Organics (mg/L) Instantaneous Maximum			< 0.025			E			E			E
Diesel Range Organics (mg/L) Instantaneous Maximum			0.29			E			E			E
Total BTEX (mg/L) Instantaneous Maximum			0.00153			E			E			E

Proposed Effluent Limitations and Monitoring Requirements

Outfall 001, 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	Average Monthly	Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
COD	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
TSS	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15.0 Avg Qrtly	XXX	30.0	1/quarter	Grab
TRPH	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Total Aluminum	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Cadmium	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Chromium	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Copper	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Dissolved Iron	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Lead	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Zinc	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Gasoline Range Organics	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Diesel Range Organics	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Total BTEX	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab