

Application Type New
 Facility Type Storm Water
 Major / Minor Minor

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

Application No. PA0245143
 APS ID 1005184
 Authorization ID 1294535

Applicant and Facility Information

Applicant Name	<u>USSC Acquisition Corp</u>	Facility Name	<u>USSC Acquisition Exton Facility</u>
Applicant Address	<u>101 Gordon Drive</u> <u>Exton, PA 19341</u>	Facility Address	<u>101 Gordon Drive</u> <u>Exton, PA 19341</u>
Applicant Contact	<u>Luke Wuthrich</u>	Facility Contact	<u>Luke Wuthrich</u>
Applicant Phone	<u>(610) 265-3610</u>	Facility Phone	<u>(610) 265-3610</u>
Client ID	<u>326334</u>	Site ID	<u>832197</u>
SIC Code	<u>2531,3499</u> <u>Manufacturing - Fabricated Metal Products</u> <u>Manufacturing - Public Building and Related Furniture</u>	Municipality	<u>Uwchlan Township</u>
SIC Description		County	<u>Chester</u>
Date Application Received	<u>October 28, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Manufacturing facility of seating and fire supression for various industries.</u>		

Summary of Review

The applicant requests issuance of an individual NPDES permit for the discharge of industrial stormwater from their Exton Facility.

The facility design and engineers seating for a variety of vehicles including buses, trains, fire engines and ambulances. They also develop fire suppression systems for vehicles.

Unit operations include metal cutting, drilling, fabric cutting, fabric gluing, and fabrication of product. All fabrication processes are conducted indoors.

USSC is leasing a property that was previously constructed and built to handle stormwater from the facility. Outfalls 001, 002, 003, 004, 005, 006, 007 and 008 are discharging stormwater from the site.

Outfall 001 collects stormwater from the loading dock and storage shed located in the North East corner of the facility. Outfalls 002,003 & 004 collect stormwater from the buildings' roof.

Outfall 005 collects stormwater from the parking lot located by the main entrance. Outfalls 001 through 005 discharge to a stormwater basin located on the East side of the property along Gordon Dr.

Outfall 006 collects stormwater from the roof top drainage, loading dock, waste storage building, and salt storage shed located in the North West corner of the facility.

Outfalls 007 & 008 collect stormwater from the employee parking lots located to the South of the facility.

Outfalls 006, 007 & 008 discharge to a wetland South of the facility.

Approve	Deny	Signatures	Date
		Sara Reji Abraham, E.I.T. / Project Manager	
		Pravin C. Patel, P.E. / Environmental Engineer Manager	

Summary of Review

Based on the review, there are two SIC codes associated with the facility operations; 2531 and 3499. According to the Stormwater General Permit, appendices J and U are applicable. Pollutant parameters from both appendices are incorporated into the permit.

For Outfall 001: pH, TSS, Nitrate+Nitrite – Nitrogen, Total Aluminum, total Iron, Total Zinc and Oil and Grease are required to be monitored. Based on the sample analysis COD is also included.

Outfall 002: pH, TSS, Nitrate+Nitrite – Nitrogen, Total Aluminum, total Iron, Total Zinc and Oil and Grease are required to be monitored.

Discharges from Outfalls 003 and 004 are similar to the discharge from Outfall 002.
No need to monitor Outfalls 003 and 004.

Outfall 005: not exposed to industrial activities and no monitoring needed.

Outfall 006: monitoring requirement is similar to Outfall 001. Based on the DEP inspection, we suggest to take samples at the storm drain located in the loading dock area in order to best represent the industrial activities from this area.

Outfalls 007 and 008: not exposed to industrial activities and no monitoring needed.

Monitoring frequency is established as semi-annual consistent with the General Permit requirement.

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.

Act 14 Notifications:

Uwchlan Township	- July 1, 2019
Chester County	- July 2, 2019

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

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 27.55"</u>	Longitude	<u>-75° 38' 57.70"</u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.6100</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>002</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 27.55"</u>	Longitude	<u>-75° 38' 57.70"</u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.6100</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>003</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 27.55"</u>	Longitude	<u>-75° 38' 57.70"</u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.6100</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>004</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 27.55"</u>	Longitude	<u>-75° 38' 57.70"</u>
Wastewater Description:		<u>Stormwater</u>	
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.6100</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>005</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 27.55"</u>	Longitude	<u>-75° 38' 57.70"</u>
Wastewater Description:		<u>Stormwater</u>	
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.6100</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>006</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 25.30"</u>	Longitude	<u>-75° 39' 4.93"</u>
Wastewater Description:		<u>Stormwater</u>	
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.7200</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>007</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 25.58"</u>	Longitude	<u>-75° 39' 3.15"</u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.7000</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>008</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40 ° 3' 26.13"</u>	Longitude	<u>-75 ° 39' 0.73"</u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25969690</u>	RMI	<u>1.6600</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		

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	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite as N	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Aluminum, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Zinc, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Proposed Effluent Limitations and Monitoring Requirements

Outfall 002, 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	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite as N	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Aluminum, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Zinc, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Proposed Effluent Limitations and Monitoring Requirements

Outfall 003, Effective Period: Permit Effective Date through Permit Expiration Date.
Outfall 004, Effective Period: Permit Effective Date through Permit Expiration Date.
Outfall 005, Effective Period: Permit Effective Date through Permit Expiration Date

No Monitoring Required

Proposed Effluent Limitations and Monitoring Requirements

Outfall 006, 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	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite as N	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Aluminum, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Zinc, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Proposed Effluent Limitations and Monitoring Requirements

Outfall 007, Effective Period: Permit Effective Date through Permit Expiration Date.

Outfall 008, Effective Period: Permit Effective Date through Permit Expiration Date.

No Monitoring Required