

Application Type New  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0245488  
APS ID 1083571  
Authorization ID 1431142

**Applicant and Facility Information**

Applicant Name	<u>Anholt Technologies Inc. d/b/a QFIX</u>	Facility Name	<u>QFIX 440 Church Road Facility</u>
Applicant Address	<u>440 Church Road</u> <u>Avondale, PA 19311-9786</u>	Facility Address	<u>440 Church Road</u> <u>Avondale, PA 19311-9786</u>
Applicant Contact	<u>Michael Galbus</u>	Facility Contact	<u>Michael Galbus</u>
Applicant Phone	<u>(610) 268-0585</u>	Facility Phone	<u>(610) 268-0585</u>
Client ID	<u>159789</u>	Site ID	<u>860385</u>
SIC Code	<u>3083</u>	Municipality	<u>Avondale Borough &amp; New Garden Township</u>
SIC Description	<u>Manufacturing - Laminated Plastics, Plate and Sheet</u>	County	<u>Chester</u>
Date Application Received	<u>March 7, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Application for discharge of stormwater associated with industrial activities.</u>		

**Summary of Review**

Then applicant has submitted Individual NPDES Permit Application for discharge of stormwater from the facility into East Branch of White Clay Creek which is classified as Exceptional Value (EV) stream under Chapter 93. Originally, applicant had submitted PAG-03 application for No Exposure Certificate (NEC) in October 2022 for the facility. The applicant was notified that the facility does not qualify for coverage under NEC as the receiving stream is classified as EV stream. Therefore, Qfix has submitted application for Individual Stormwater permit since it does not qualify for No Exposure Certificate.

The Qfix facility is medical device manufacturing company for radiotherapy patient positioning. The facility maintains no-exposure conditions at the facility. All the manufacturing and industrial activities are conducted under the roof. There are some dumpsters that are poisoned outside the buildings and may be exposed to rain and snow. The facility has two Outfalls 001 and 002. The stormwater from Roof Drains and Parking lot is being discharged through Outfall 001 and stormwater from Gravel parking lot is being discharged through Outfall 002. Since most of the stormwater being discharged from Outfall 001 and sampling is also completed at Outfall 001, this Outfall 001 is representative of Outfall 002. Therefore, sampling and monitoring will be required at Outfall 001. The SIC Code for the facility is 3083-Laminated Plastic Plate and Sheet. Therefore, we have applied BMPs and Benchmark values for all pollutants in Appendix S under General Permit PAG-03 for this Individual Stormwater permit. The permit includes effluent limit for pH, TSS and Oil & Grease and monitoring requirements for Total Nitrogen, Total Phosphorus and Total Zinc. The facility uses Earthen berm in the drainage area to direct the stormwater through pipe into the agriculture fields. If the facility implements and maintains proper BMPs, then it should not have any problems meeting the effluent limits of the NPDES permit.

Act-14 Notification to New Garden Township on January 25, 2023.

Act-14 Notification to Chester County Commissioners Office on January 25, 2023.

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	6/28/2023
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	06/28/2023

**Summary of Review**

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 39° 49' 59.89" Longitude -75° 46' 54.34"

Quad Name \_\_\_\_\_ Quad Code \_\_\_\_\_

Wastewater Description: Stormwater

Receiving Waters East Branch White Clay Creek Stream Code \_\_\_\_\_

NHD Com ID 26108886 RMI 0.4200

Drainage Area \_\_\_\_\_ Yield (cfs/mi<sup>2</sup>) \_\_\_\_\_

Q<sub>7-10</sub> Flow (cfs) \_\_\_\_\_ Q<sub>7-10</sub> Basis \_\_\_\_\_

Elevation (ft) \_\_\_\_\_ Slope (ft/ft) \_\_\_\_\_

Watershed No. 3-I Chapter 93 Class. EV, MF

Existing Use \_\_\_\_\_ Existing Use Qualifier \_\_\_\_\_

Exceptions to Use \_\_\_\_\_ Exceptions to Criteria \_\_\_\_\_

Assessment Status Impaired

Cause(s) of Impairment NUTRIENTS, SILTATION

Source(s) of Impairment AGRICULTURE, AGRICULTURE

TMDL Status Final Name Christina River Basin

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) \_\_\_\_\_

**Discharge, Receiving Waters and Water Supply Information**

Outfall No. 002 Design Flow (MGD) 0  
 Latitude 39° 50' 1.58" Longitude -75° 46' 53.21"  
 Quad Name \_\_\_\_\_ Quad Code \_\_\_\_\_  
 Wastewater Description: Stormwater

Receiving Waters East Branch White Clay Creek Stream Code \_\_\_\_\_  
 NHD Com ID 26108886 RMI 0.4600  
 Drainage Area \_\_\_\_\_ Yield (cfs/mi<sup>2</sup>) \_\_\_\_\_  
 Q<sub>7-10</sub> Flow (cfs) \_\_\_\_\_ Q<sub>7-10</sub> Basis \_\_\_\_\_  
 Elevation (ft) \_\_\_\_\_ Slope (ft/ft) \_\_\_\_\_  
 Watershed No. 3-l Chapter 93 Class. EV, MF  
 Existing Use \_\_\_\_\_ Existing Use Qualifier \_\_\_\_\_  
 Exceptions to Use \_\_\_\_\_ Exceptions to Criteria \_\_\_\_\_

Assessment Status Impaired  
 Cause(s) of Impairment NUTRIENTS, SILTATION  
 Source(s) of Impairment AGRICULTURE, AGRICULTURE  
 TMDL Status Final Name Christina River Basin

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, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	100.0	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	30.0	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001