

Application Type New
 Facility Type Stormwater
 Major / Minor Minor

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

Application No. PA0245721
 APS ID 1156503
 Authorization ID 1559311

Applicant and Facility Information

Applicant Name	<u>Integer Holdings Corporation</u>	Facility Name	<u>Integer Holdings Quakertown West Facility</u>
Applicant Address	<u>2000 AM Drive</u> <u>Quakertown, PA 18951-3811</u>	Facility Address	<u>2000 AM Drive</u> <u>Quakertown, PA 18951-3811</u>
Applicant Contact	<u>Christopher DeBold</u>	Facility Contact	<u>Christopher DeBold</u>
Applicant Phone	<u>(215) 622-1143</u>	Facility Phone	<u>(215) 622-1143</u>
Client ID	<u>390682</u>	Site ID	<u>884495</u>
SIC Code	<u>3451</u>	Municipality	<u>Quakertown Borough</u>
SIC Description	<u>Manufacturing - Screw Machine Products</u>	County	<u>Bucks</u>
Date Application Received	<u>November 13, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Application for NPDES permit to discharge stormwater and condensate from the facility to Licking Creek.</u>		

Summary of Review

Integer Holdings Corporation (Formerly Pulse Technologies Inc) requests issuance of an NPDES Permit to discharge stormwater and condensate water from interior air handling units from its facility into Licking Creek, a tributary to Unami Creek which is classified as High-Quality stream.

Integer Holdings Quakertown West facility is located at 2000 Am Drive in Quakertown, Pennsylvania. The facility manufactures components for medical, aerospace, defense and commercial sectors. All the manufacturing and industrial activity takes place inside of the facility building. Operations onsite include CNC machining, welding, cleaning with surfactants, nitriding, lasering, and anodizing. Larger volumes such as 55 gal drums are stored in a separate secondary containment building located on the south side of the main building. There is no material storage outside of the building. There are no tanks onsite. All the materials are covered or kept inside to minimize stormwater contamination. The facility discharges septage and wash water to the Milford-Trumbauersville WWTP.

The facility operates under SIC Code 3451 (Manufacturing – Screw Machine Products) and is subjected to Appendix U of the General Permit PAG-03 for discharge of stormwater from industrial activities. Site stormwater flows generally west to east toward Licking Creek, a tributary of the Unami Creek, which has a High-Quality waterway designation. The north and west sides of the building are dedicated to employee vehicle parking. The east side of the building has no activity and is vegetated. The south side of the building has shipping and receiving electrical transformers, a small propane generator, the drum storage structure, a compressor room, AC cooling units, a storage shipping container, and waste and recycling containers. Site stormwater flow is channeled to a detention/retention basin located on the southeast side of the building. The High-Quality waterway designation disqualifies the facility from obtaining a PAG-03 General Permit or No-Exposure certification. Therefore, facility has submitted an individual NPDES Permit for the discharge of stormwater associated with industrial activity, ref. 25 Pa. Code Chapter 93 (relating to Water Quality Standards) and 25 Pa. Code § 92a.54(e)(9).

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	2/20/2026
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	02/20/2026

Summary of Review

Stormwater from the facility discharges to the basin and infiltrates into the ground.

Annual monitoring requirements will be applied for pH, Total Suspended Solids, Oil & Grease, Nitrite-Nitrate as N, Total Nitrogen, Total Phosphorus, Aluminum, Iron and Zinc. These are the parameters from Appendix U of the General Permit PAG-03 based on SIC code of 3451 for this facility. Permittee is required to meet Benchmark Values for pH, TSS, Oil & Grease, and Nitrite-Nitrate as Nitrogen under Part C condition III, F, Stormwater Monitoring Requirement on Page 19 of the permit.

Act-14 Notification to Bucks County Health Department on January 5, 2026.

Act-14 Notification to Milford Township on January 5, 2026.

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) 0.0001

Latitude 40° 26' 39.78" Longitude -75° 24' 53.46"

Quad Name _____ Quad Code _____

Wastewater Description: Stormwater Discharge

Receiving Waters Licking Creek (HQ-TSF, MF) Stream Code 1398

NHD Com ID 25981598 RMI 0.8700

Drainage Area _____ Yield (cfs/mi²) _____

Q₇₋₁₀ Flow (cfs) _____ Q₇₋₁₀ Basis _____

Elevation (ft) _____ Slope (ft/ft) _____

Watershed No. 3-E Chapter 93 Class. HQ-TSF, 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: _____

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" (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽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/year	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/year	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	11/year	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab