

Application Type Renewal
Facility Type Industrial
Major / Minor Minor

**NPDES PERMIT FACT SHEET
RE-DRAFT**

Application No. PA0010227
APS ID 14118
Authorization ID 1021292

Applicant and Facility Information

Applicant Name	<u>F.L. Smidth, Inc.</u>	Facility Name	<u>FI Smidth Gas Compressor & Conveyor Manufacturing</u>
Applicant Address	<u>236 South Cherry Street</u> <u>Manheim, PA 17545</u>	Facility Address	<u>236 South Cherry Street</u> <u>Manheim, PA 17545-2006</u>
Applicant Contact	<u>Lance Heisey</u>	Facility Contact	<u>Lance Heisey</u>
Applicant Phone	<u>(717) 664-9272</u>	Facility Phone	<u>(717) 664-9272</u>
Client ID	<u>80272</u>	Site ID	<u>238270</u>
SIC Code	<u>3561</u>	Municipality	<u>Manheim Borough</u>
SIC Description	<u>Manufacturing - Pumps And Pumping Equipment</u>	County	<u>Lancaster</u>
Date Published in PA Bulletin	<u>May 30, 2020</u>	EPA Waived?	<u>No</u>
Comment Period End Date	<u>June 29, 2020</u>	If No, Reason	<u>Chiques Creek Alternate TMDL</u>
Purpose of Application	<u>Application for a renewal of an NPDES permit for discharge of treated Industrial</u>		

Internal Review and Recommendations

A draft NPDES permit was issued on May 12, 2020 and was published in the PA Bulletin on May 30, 2020. Comments were received from EPA on June 10, 2020 . The comments are listed below:

1. Please clarify the source of the water used for NCCW. It is unclear if water is being withdrawn from and discharging to Chiques Creek, or if water is withdrawn from another source (such as a potable water supply).
2. While we understand the fact sheet states that there will not be a net increase in TP from this discharge, we would recommend that the permit include a TP monitoring requirement at a minimum. Data collection for pollutants of concern can be necessary to characterize discharges for future restoration efforts or TMDL development and ensure that discharges are not omitted from such documents, modeling efforts, and/or WLA considerations.

In response, the NCCW cooling water is provided by an onsite turbine well. The turbine well is only used for the NCCW.

Although the facility will not have a net increase in TP, a 1/year TP monitoring requirement has been added to the permit. This monitoring requirement is being added due to the development of the Alternate Restoration Plan (ARP) for Chiques Creek. The updated permit limits are shown below. As stated in EPA's comments, this data will ensure that all discharges are included in consideration for restoration efforts, as well as any modeling efforts and/or WLA considerations.

A revised NPDES permit will be re-drafted with the changes listed in this addendum. There are currently no open violations for the permittee or facility.

Approve	Return	Deny	Signatures	Date
X			Benjamin Lockwood Benjamin R. Lockwood / Environmental Engineering Specialist	August 21, 2020
			Daniel W. Martin, P.E. / Environmental Engineer Manager	
			Maria D. Bebenek, P.E. / Program Manager	

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

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	XXX	9.0	1/day	Grab
Temperature (°F)	XXX	XXX	XXX	110 Daily Max	XXX	XXX	1/day	Grab
Total Phosphorus	XXX	XXX	XXX	Report Annual Avg	XXX	XXX	1/year	24-Hr Composite

Compliance Sampling Location: Outfall 001

Other Comments: None