

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245747
APS ID 1131441
Authorization ID 1516747

Applicant and Facility Information

Applicant Name	<u>Dental Imaging Tech Corp</u>	Facility Name	<u>Dexis Quakertown facility</u>
Applicant Address	<u>450 Commerce Drive</u> <u>Quakertown, PA 18951-3729</u>	Facility Address	<u>450 Commerce Drive</u> <u>Quakertown, PA 18951-3729</u>
Applicant Contact	<u>Dana Moore</u>	Facility Contact	<u>Robert Berger</u>
Applicant Phone	<u>(215) 896-0330</u>	Facility Phone	<u>(215) 896-0330</u>
Client ID	<u>304507</u>	Site ID	<u>878182</u>
SIC Code	<u>3843</u>	Municipality	<u>Milford Township</u>
SIC Description	<u>Manufacturing - Dental Equipment And Supplies</u>	County	<u>Bucks</u>
Date Application Received	<u>February 13, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>New permit approval.</u>		

Summary of Review

The permittee has submitted a new NPDES permit to discharge a stormwater associated with their industrial activity through two outfalls 001 and 002 into unnamed tributary to Unami Creek. (HQ-TSF, MF)

The Dexis Quakertown facility is involved in Dental Equipment and Supplies Manufacturing.

Based on application: *The facility consists of one building located within a commercial campus. The building is surrounded by asphalt on all four sides. All manufacturing activities are performed indoors, and shipping/receiving is executed through 9 bays on the eastern side of the facility. There are covered dumpsters located outside for municipal trash and recycling and disposal of used shipping pallets. Employee parking and routine shipping/receiving truck traffic also takes place outside.*

DEP has conducted a site visit on 02/20/2025. No issues are noted.

The stormwater runoff are areas are divided into two outfalls. Outfall 001 receives stormwater runoffs from north site of the facility from employees parking. South side of the facility collects stormwater runoffs from shipping/receiving traffic, covered municipal dumpster/recycling bin area and discharge to Outfall 002.

Based on the submitted application's sampling data, and site inspection recommendation Outfall 001 will not be proposed to be sampled.

Outfall 002 will be proposed to be monitored annually based on facility's industrial activity code SIC 3843 for parameters of concern based on the statewide PAG03 NPDES permit for stormwater discharges associated with industrial activities (appendix J). Part C of the draft permit will include applicable BMPs requirements for stormwater.

Page 4 of this factsheet lists all Proposed Effluent Limitations and Monitoring Requirements for Outfall 002.

Approve	Deny	Signatures	Date
x		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	June 11, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	06/11/2025

Summary of Review

Act 14 Notification:

Milford Township has received the note on January 13, 2025.
Bucks County has received on January 13, 2025.

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		
Latitude	40° 26' 31.50"	Longitude	-75° 22' 43.30"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary of Unami Creek (HQ-TSF, MF)	Stream Code	01397
NHD Com ID	25981710	RMI	0.6200
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ 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	Impaired		
Cause(s) of Impairment	FLOW REGIME MODIFICATION, SILTATION, SILTATION		
Source(s) of Impairment	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS		

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002		
Latitude	40° 26' 29.20"	Longitude	-75° 22' 42.14"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary of Unami Creek (HQ-TSF, MF)	Stream Code	1397
NHD Com ID	25981710	RMI	0.5700
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ 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	Impaired		
Cause(s) of Impairment	FLOW REGIME MODIFICATION, SILTATION, SILTATION		
Source(s) of Impairment	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS		

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 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/year	Grab
COD	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
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/year	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab

Compliance Sampling Location: Outfall 002