

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245020
APS ID 1094528
Authorization ID 1450366

Applicant and Facility Information

Applicant Name	<u>Janssen Biotech Inc.</u>	Facility Name	<u>Janssen Biotech Inc.</u>
Applicant Address	<u>200 Great Valley Parkway</u> <u>Malvern, PA 19355-1307</u>	Facility Address	<u>200 Great Valley Parkway</u> <u>Malvern, PA 19355-1307</u>
Applicant Contact	<u>Nair Reshmi</u>	Facility Contact	<u></u>
Applicant Phone	<u>(610) 651-7479</u>	Facility Phone	<u>(610) 651-7479</u>
Client ID	<u>81006</u>	Site ID	<u>444705</u>
SIC Code	<u>2834,2836</u>	Municipality	<u>East Whiteland Township</u>
SIC Description	<u>Manufacturing - Biological Products, Except Diagnostic,Manufacturing - Pharmaceutical Preparations</u>	County	<u>Chester</u>
Date Application Received	<u>July 3, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal</u>		

Summary of Review

The applicant requests renewal of a National Pollutant Discharge Elimination System (NPDES) Individual Permit to discharge stormwater from Janssen Biotech, Inc. This facility is located at 200 Great Valley Parkway, Malvern, PA 19355. The facility contains 19 outfalls that discharge stormwater to Valley Creek in watershed – 3F, a designated Exceptional Value, Migratory Fishes (EV, MF) under Chapter 93.

The facility owns and operates a biopharmaceutical Research & Development and manufacturing facility in the Great Valley Parkway Corporate Center. The site consists of 10 buildings which include office spaces, development labs and pilot plants, biopharmaceutical manufacturing and warehousing facilities. The industrial activities that have the potential to come into contact with stormwater include loading and unloading operations, fuel transfer operations, storage tanks, and electrical equipment.

Since this facility is discharging to an Exceptional Value waters, the facility is required to apply for an Individual Permit to Discharge Industrial Stormwater. The facility operates under Standard Industrial Classified (SIC) Code 2834 – Pharmaceutical Preparations and the appendix for this facility per SIC code and PAG-03 is Appendix F for Chemicals and Allied Products. The monitoring requirements under Appendix F is for parameters pH (S.U.), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Nitrate+Nitrite-Nitrogen, Total Phosphorus, Total Lead, Total Zinc, Total Iron, and Total Aluminum.

Total Nitrogen (mg/L) has been added to this renewal due to update in monitoring requirements under Appendix F.

See below for outfall description and representative outfalls.

Public Participation

Approve	Deny	Signatures	Date
x		<i>Vasantha</i> Vasantha Palakurti / Environmental Engineering Specialist	September 7, 2023
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	09/13/2023

Summary of Review

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.	<u>001 - 019</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 23.31"</u>	Longitude	<u>-75° 32' 8.26"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Valley Creek</u>	Stream Code	<u>00991</u>
NHD Com ID	<u>25980348</u>	RMI	<u>7.50</u>
Drainage Area	<u>5.49 mi²</u>	Yield (cfs/mi ²)	<u>0.36</u>
Q ₇₋₁₀ Flow (cfs)	<u>1.96</u>	Q ₇₋₁₀ Basis	<u>Pennsylvania StreamStats</u>
Elevation (ft)	<u>404.3</u>	Slope (ft/ft)	<u>4</u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u>EV, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, POLYCHLORINATED BIPHENYLS (PCBS), POLYCHLORINATED BIPHENYLS (PCBS), SILTATION</u>		
Source(s) of Impairment	<u>HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, SOURCE UNKNOWN, SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS</u>		
TMDL Status	<u>Final</u>	Name	<u>Valley and Little Valley Creeks</u>

Changes Since Last Permit Issuance: Additional Outfalls have been added from last renewal.

Outfall No.	Description
001	Building 10. Warehouse Building, paved parking lot, roof drains, loading docks, generators, transformer, 1,000-gallon fuel oil aboveground storage tank (EGEN).
002	Building 10. Warehouse Building. Roof drainage.
003	Building 4. Biopharmaceutical manufacturing & warehouse space. generators, 600-gallon fuel oil aboveground storage tank (EGEN), 4,200-gallon fuel oil aboveground storage tank (EGEN), paved parking lot, roof drainage, unloading/loading.
004	Building 4. Biopharmaceutical manufacturing & warehouse space. 4,000-gallon single wall fuel oil tank, paved parking lot, roof drainage.
005	Building 4. Roof Drainage
006	Building 3. Administrative offices. Transformer, 150-gallon fuel oil aboveground storage tank (EGEN), roof drainage, paved parking lot, unloading/loading.
007	Building 2. Administrative offices & lab space. Loading/unloading, parking, 2 x 1000-gallon fuel oil aboveground storage tank (EGEN), transformer, paved parking lot, roof drainage.
008	Building 3. Administrative offices. Roof drainage, paved parking lot,
009	Building 5. Administrative offices, warehouse, and laboratory space. Maintenance area, transformer, roof drainage, paved parking lot. Building 1. Loading/unloading, paved parking lot, generator, 925-gallon fuel oil aboveground storage tank (EGEN).
010	Building 5. Administrative offices, warehouse, and laboratory space. Loading docks, roof drainage, 1,000-gallon Aboveground tank (EGEN).
011	Building 1. Administrative offices and laboratories. Loading/unloading, paved parking lot, generator.
012	Building 1. Administrative offices and laboratories. Parking lot, surface water runoff from lawn.
013	Building 9. Laboratory space. Paved parking lot, generators, 2,500-gallon fuel oil aboveground storage tank (EGEN), 600-gallon fuel oil aboveground storage tank (EGEN), transformer, roof drainage.
014	Building 9. Laboratory space. Paved parking area and roof drainage.
015	Building 11. Laboratory space. Paved parking lot, roof drainage, surface water run off from lawns, loading/unloading docks, generator, transformer, gas tank.
016	Building 6. Administrative offices and laboratories. Surface water runoff from lawns.
017	Building 6. Administrative offices and laboratories. Paved parking lot, loading docks, generator, transformer, roof drainage, gas tank.
018	Building 7. Paved parking lot, roof drainage, surface water runoff from lawns.
019	Building 7. Paved parking lot, roof drainage, loading/unloading area.

Representative Outfalls

Representative Outfall	Outfalls Represented
001	001, 002
003	003, 004, 005
007	006, 007, 008
009	009, 010
011	011, 012
013	013, 014
017	016, 017

