

Application Type Renewal  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0244473  
APS ID 1110721  
Authorization ID 1479117

**Applicant and Facility Information**

Applicant Name	<u>Delaware Valley Concrete Co. Inc.</u>	Facility Name	<u>Delaware Valley Concrete Kennett Square Facility</u>
Applicant Address	<u>248 E County Line Road</u> <u>Hatboro, PA 19040-2116</u>	Facility Address	<u>3 Ways Lane</u> <u>Kennett Square, PA 19348-3344</u>
Applicant Contact	<u>Greg Saeger</u>	Facility Contact	<u>Gregg Saeger</u>
Applicant Phone	<u>(215) 675-8900</u>	Facility Phone	<u>(215) 684-9084</u>
Client ID	<u>62589</u>	Site ID	<u>720397</u>
SIC Code	<u>3272</u>	Municipality	<u>Kennett Township</u>
SIC Description	<u>Manufacturing - Concrete Products, Nec</u>	County	<u>Chester</u>
Date Application Received	<u>March 26, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>.Renewal application</u>		

**Summary of Review**

The applicant, Delaware Valley Concrete Company, Inc., submitted an application for a renewal of NPDES permit to discharge stormwater run-off from the site of a manufacturer of concrete products located at 3 Ways Lane in Kennett Square, PA to an Unnamed Tributary to East Branch Red Clay Creek in Watershed 31.

Delaware Valley Concrete Company produces concrete for use in construction projects. Raw materials used in concrete production include stone aggregate, sand, Portland cement and chemical admixtures which help with curing and hardening, are mixed in concrete mixer truck to produce the concrete product.

Per the updated PAG-03, the site falls under Appendix N of PAG-03. Additional monitoring parameters are being added on this renewal. Benchmark parameter for Oil and Grease is being carried over from the previous renewal.

Report requirements and effluent limits are similar to permits for other concrete manufacturing facilities. Monitoring of effluent Oil and Grease, and monitoring of receiving stream pH, upstream and downstream of the effluent, will be continued for the next permit term.

Per the inspection report from 5/8/2024, there was 'Hammer Clean XT' tank on the northern end of the maintenance garage. Our Operations Section recommended relocating the tank or providing secondary containment to avoid potential pollution.

Public Participation

Approve	Deny	Signatures	Date
X		<i>Charley Yang</i> Charley Yang / Environmental Engineering Specialist	August 16, 2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/16/2024

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</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>39° 50' 43.45"</u>	Longitude	<u>-75° 41' 59.96"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary of East Branch Red Clay Creek (TSF, MF)</u>	Stream Code	<u>00413</u>
NHD Com ID	<u>26092264</u>	RMI	<u>2.3</u>
Drainage Area	<u></u>	Yield (cfs/mi <sup>2</sup> )	<u></u>
Q <sub>7-10</sub> Flow (cfs)	<u></u>	Q <sub>7-10</sub> Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-I</u>	Chapter 93 Class.	<u>TSF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>

Changes Since Last Permit Issuance: No Change

Other Comments:

Compliance History

DMR Data for Outfall 001 (from July 1, 2023 to June 30, 2024)

Parameter	JUN-24	MAY-24	APR-24	MAR-24	FEB-24	JAN-24	DEC-23	NOV-23	OCT-23	SEP-23	AUG-23	JUL-23
pH (S.U.) Downstream Monitoring   Instantaneous Minimum	8.31						8.4					
pH (S.U.) Instantaneous Minimum	7.99						8.29					
pH (S.U.) Upstream Monitoring   Instantaneous Minimum	7.52						7.97					
pH (S.U.) Downstream Monitoring   Instantaneous Maximum	8.31						8.40					
pH (S.U.) Instantaneous Maximum	7.99						8.29					
pH (S.U.) Upstream Monitoring   Instantaneous Maximum	7.52						7.97					
TSS (mg/L) Annual Average	0.03						40					
TSS (mg/L) Daily Maximum	0.03						0.40					
Oil and Grease (mg/L) Annual Average	0.03						0.20					
Oil and Grease (mg/L) Daily Maximum	0.03						0.20					

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Semi-Annual Average	Daily Maximum	Instant. Maximum		
pH (S.U.)*	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/6 months	Grab
pH (S.U.) Downstream Monitoring	XXX	XXX	Report Inst Min	XXX	XXX	Report	1/6 months	Grab
pH (S.U.) Upstream Monitoring	XXX	XXX	Report Inst Min	XXX	XXX	Report	1/6 months	Grab
TSS*	XXX	XXX	XXX	50.0	100.0	100	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	Report	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location:     

Other Comments:     

\*These limitations are exempt during storm period exceeding 10-year, 24-hour rainfall event.