

Application Type Renewal  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0243949  
APS ID 1016895  
Authorization ID 1315209

**Applicant and Facility Information**

Applicant Name	<u>Landis Block &amp; Concrete</u>	Facility Name	<u>Landis Block &amp; Concrete Telford Plant</u>
Applicant Address	<u>PO Box 64418 711 North County Line Road</u> <u>Souderton, PA 18964-0418</u>	Facility Address	<u>711 North County Line Road</u> <u>Souderton, PA 18964-0184</u>
Applicant Contact	<u>Jarrold Nyce</u>	Facility Contact	<u>Jarrold Nyce</u>
Applicant Phone	<u>(215) 723-5506</u>	Facility Phone	<u>(215) 723-5506</u>
Client ID	<u>28344</u>	Site ID	<u>635355</u>
SIC Code	<u>3271,3273,5032</u> Manufacturing - Concrete Block And Brick, Manufacturing - Ready-Mixed Concrete, Wholesale Trade - Brick, Stone, And Related Materials	Municipality	<u>Hilltown Township</u>
SIC Description		County	<u>Bucks</u>
Date Application Received	<u>May 20, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit Renewal.</u>		

**Summary of Review**

The applicant submitted renewal application for their stormwater runoffs from their facility to UNT to Mill Creek through 2 Outfalls.

Landis Block & Concrete Telford Plant is involved in ready mix concrete manufacturing and storage raw concrete material, waste blocks and finished products, bricks, pavers etc.

The drainage area of the site is separated to 3 (three) outfalls. Outfall 001 and 002 are monitored and Outfall 003 is not monitored since it is discharged to Telford Borough's storm sewer system (MS4), which ultimately discharges to Skippack Creek.

DEP has conducted a site visit on the 7/16/20. Inspection report did not note any violations. However, based on Notice of Violation that was sent on April 2, 2021, the permittee has submitted a response to multiple TSS exceedances where BMP of rock filter with compost is proposed. Latest TSS sample was below 5.5. mg/l for Outfall 002.

Since there are no more changes in quality and quantity of the discharge previously established effluent limits and monitoring requirements are being proposed and listed on pp. 6 and 7 of this factsheet.

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-

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	April 15, 2021
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	04/15/2021

**Summary of Review**

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>		
Latitude	<u>40° 19' 15.52"</u>	Longitude	<u>-75° 18' 38.69"</u>
Quad Name	<u>Telford</u>	Quad Code	<u>1643</u>
Wastewater Description: <u>Industrial Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to Mill Creek (TSF)</u>	Stream Code	<u>01243</u>
NHD Com ID	<u>25999104</u>	RMI	<u>0.5</u>
Watershed No.	<u>3-E</u>	Yield (cfs/mi <sup>2</sup> )	<u>TSF</u>

Changes Since Last Permit Issuance: none

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>002</u>		
Latitude	<u>40° 19' 17.73"</u>	Longitude	<u>-75° 18' 35.54"</u>
Quad Name	<u>Telford</u>	Quad Code	<u>1643</u>
Wastewater Description: <u>Industrial Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to Mill Creek (TSF)</u>	Stream Code	<u>01243</u>
NHD Com ID	<u>25999104</u>	RMI	<u>0.5</u>
Watershed No.	<u>3-E</u>	Yield (cfs/mi <sup>2</sup> )	<u>TSF</u>

Changes Since Last Permit Issuance: None

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>003</u>		
Latitude	<u>40° 18' 36.66"</u>	Longitude	<u>-75° 19' 26.01"</u>
Quad Name	<u>Telford</u>	Quad Code	<u>1643</u>
Wastewater Description: <u>Industrial Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to Skippack Creek</u>	Stream Code	<u>01120</u>
NHD Com ID	<u>25999574</u>	RMI	<u>1.2800</u>
Watershed No.	<u>3-E</u>	Chapter 93 Class.	<u>TSF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Excessive Algal Growth, Nutrients, Siltation</u>		
Source(s) of Impairment	<u>Small Residential Runoff</u>		
TMDL Status	<u>Final, 04/09/2005</u>	Name	<u>Skippack Creek Watershed TMDL</u>

Changes Since Last Permit Issuance:

**Compliance History**

**DMR Data for Outfall 001 (from February 1, 2020 to January 31, 2021)**

Parameter	JAN-21	DEC-20	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20
pH (S.U.) Instantaneous Minimum		7.64			8.18						8.04	
pH (S.U.) Instantaneous Maximum		7.64			8.18						8.04	
TSS (mg/L) Annual Average		87			96.7						116	
TSS (mg/L) Daily Maximum		87			96.7						116	
Oil and Grease (mg/L) Annual Average		< 5.0			5.7						< 4.9	
Oil and Grease (mg/L) Daily Maximum		< 5.0			< 5.7						< 4.9	

**DMR Data for Outfall 002 (from February 1, 2020 to January 31, 2021)**

Parameter	JAN-21	DEC-20	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20
pH (S.U.) Instantaneous Minimum		7.5			7.81						7.51	
pH (S.U.) Instantaneous Maximum		7.5			7.81						7.51	
TSS (mg/L) Annual Average		8.0			30						115	
TSS (mg/L) Daily Maximum		8.0			30						115	
Oil and Grease (mg/L) Annual Average		< 4.9			< 5.0						< 4.9	
Oil and Grease (mg/L) Daily Maximum		< 4.9			< 5.0						< 4.9	

**Compliance History**

**Effluent Violations for Outfall 001, from: March 1, 2020 To: January 31, 2021**

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
TSS	09/30/20	Annl Avg	96.7	mg/L	50	mg/L
TSS	12/31/20	Annl Avg	87	mg/L	50	mg/L
TSS	03/31/20	Annl Avg	116	mg/L	50	mg/L
TSS	03/31/20	Daily Max	116	mg/L	100	mg/L

**Effluent Violations for Outfall 002, from: March 1, 2020 To: January 31, 2021**

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
TSS	03/31/20	Annl Avg	115	mg/L	50	mg/L
TSS	03/31/20	Daily Max	115	mg/L	100	mg/L

**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" (362-0400-001), 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	Annual Average	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
TSS	XXX	XXX	XXX	50	100	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15	30	30	1/quarter	Grab

Compliance Sampling Location:001

**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" (362-0400-001), SOPs and/or BPJ.

**Outfall 002, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
TSS	XXX	XXX	XXX	50	100	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15	30	30	1/quarter	Grab

Compliance Sampling Location: 002