

Application Type Renewal
 Facility Type Non-Municipal
 Major / Minor Minor

**NPDES PERMIT FACT SHEET
SMALL FLOW TREATMENT FACILITY**

Application No. PA0232947
 APS ID 1059345
 Authorization ID 1389387

Applicant and Facility Information

Applicant Name	<u>Middlebury Center DPP, LLC</u>	Facility Name	<u>Dollar General Retail Store</u>
Applicant Address	<u>9010 Overlook Boulevard</u> <u>Brentwood, TN 37027-5242</u>	Facility Address	<u>11171 Route 287</u> <u>Wellsboro, PA 16901</u>
Applicant Contact	<u>Anthony Suggs</u>	Facility Contact	<u>Patrick Crowley, Operator</u>
Applicant Phone	<u>(615) 855-4774</u>	Facility Phone	<u>(570) 439-0731</u>
Client ID	<u>336398</u>	Site ID	<u>821676</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Middlebury Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Tioga</u>
Date Application Received	<u>March 21, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 29, 2022</u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal of a NPDES Permit</u>		

Summary of Review

The subject facility is a Small Flow Treatment Facility serving a Dollar General store in Middlebury Township, Tioga County.

A map of the discharge location map is attached.

Sludge use and disposal description and location(s): The facility's septage is removed by a licensed septage hauler to be transferred to other facilities for further processing or to be beneficially reused. Per the application no septage was disposed in the previous year.

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.

Approve	Deny	Signatures	Date
X		<i>Keith C. Allison</i> Keith C. Allison / Project Manager	September 7, 2022
X		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	September 7, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 50' 0.41"</u>	Longitude	<u>-77° 17' 7.21"</u>
Quad Name	<u>Keeneyville, PA</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Norris Brook (TSF, MF)</u>	Stream Code	<u>31226</u>
NHD Com ID	<u>57351671</u>	RMI	<u>0.6000</u>
Drainage Area	<u>0.77 mi²</u>	Yield (cfs/mi ²)	<u>0.0077</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00596</u>	Q ₇₋₁₀ Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>1155</u>	Slope (ft/ft)	<u>Undetermined</u>
Watershed No.	<u>4-A</u>	Chapter 93 Class.	<u>TSF, MF</u>
Existing Use	<u>N/A</u>	Existing Use Qualifier	<u>N/A</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None</u>
Assessment Status	<u>Attaining Use(s)</u>		
Nearest Downstream Public Water Supply Intake	<u>PA-NY State Line</u>		
PWS Waters	<u>Tioga River</u>	Distance from Outfall (mi)	<u>Approx. 26</u>

Changes Since Last Permit Issuance: None. The above stream and drainage characteristics were determined for the previous review and remain adequate.

Other Comments: Discharge is to an unnamed tributary to Norris Brook, locally know as Miles Hollow. Miles Hollow discharges into Norris Brook below the portion of Norris Brook which has an Exceptional Value existing use as previously determined by members of the Waterways and Wetlands Program and the Tioga County Conservation District. They also did not believe that the discharge would be to EV wetlands. The designated use of the portion of Norris Brook receiving the discharge from Miles Hollow is TSF.

No downstream water supply is expected to be affected by this discharge at this time with the limitations and monitoring proposed.

Treatment Facility Summary				
Treatment Facility Name: Middlebury Center Dollar General				
WQM Permit No.		Issuance Date		
5917401		09/25/2017		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Septic Tank/Filter	Ultraviolet	0.0004
Hydraulic Capacity (MGD)				
0.0004	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
	1	Not Overloaded		

Changes Since Last Permit Issuance: None

Other Comments: Per WQM Permit No. 5917401, the treatment process consists of a 1,000-gallon two-compartment septic tank, an ORENCO AX20 unit with a textile media and 800-gallon recirculation tank, and UV light disinfection.

Compliance History

DMR Data for Outfall 001 (from August 1, 2021 to July 31, 2022)

Parameter	JUL-22	JUN-22	MAY-22	APR-22	MAR-22	FEB-22	JAN-22	DEC-21	NOV-21	OCT-21	SEP-21	AUG-21
Flow (MGD) Average Monthly	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
BOD5 (mg/L) Average Monthly	3.0	10.0	10.0	7.0	10.0	14.2	5.3	5.8	< 3.0	< 3.0	< 3.0	< 3.0
BOD5 (mg/L) Instantaneous Maximum	3.0	10.0	9.7	7.0	10.3	14.2	5.3	5.8	< 3.0	< 3.0	< 3.0	< 3.0
TSS (mg/L) Average Monthly	4.0	9.5	5.0	< 4.0	5.6	6.0	8.4	4.0	< 1.6	< 1.6	5.2	4.8
TSS (mg/L) Instantaneous Maximum	4.0	9.5	5.2	< 4.0	5.6	6.0	8.4	4.0	< 1.6	< 1.6	5.2	4.8
Fecal Coliform (No./100 ml) Geometric Mean	319	287	11	< 4	4	10	< 4	< 4	< 1	< 4.0	4	< 5

Compliance History, Cont'd

Effluent Violations for Outfall 001, from: August 1, 2021 To: July 31, 2022

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
BOD5	02/28/22	Avg Mo	14.2	mg/L	10.0	mg/L
Fecal Coliform	07/31/22	Geo Mean	319	No./100 ml	200	No./100 ml
Fecal Coliform	06/30/22	Geo Mean	287	No./100 ml	200	No./100 ml

Compliance History, Cont'd

Summary of Inspections:	The most recent inspection of the facility on February 24, 2021 identified no violations at the time of inspection.
Other Comments:	A query in WMS found no open violations in eFACTS for Middlebury Center DPP, LLC. The permittee signed on to a CACP in 2021 related to effluent violations.

Existing Effluent Limitations and Monitoring Requirements

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	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001

Other Comments: The above limits are standard for SFTFs with UV disinfection and are unchanged.

Because the discharge does not impact the Exceptional Value section of Norris Brook, no additional effluent limitations or monitoring have been required to address antidegradation under 25 PA Code 93.4c.

No proposed limitations or monitoring have been made less stringent consistent with the Anti-Backsliding requirements of the Clean Water Act and 40 CFR 122.44(l).

Attachment:

- A. Discharge Location Map

