

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0265152
APS ID 1069787
Authorization ID 1418924

Applicant, Facility and Project Information

Applicant Name	<u>Charlotte Apartments, LLC</u>	Facility Name	<u>Dollar General 17942 Ellwood Road</u>
Applicant Address	<u>107 Archibald Street</u> <u>Kansas City, MO 64111-2214</u>	Facility Address	<u>4029 Ellwood Road</u> <u>New Castle, PA 16101-6407</u>
Applicant Contact	<u>Robert Ellis</u>	Facility Contact	<u></u>
Applicant Phone	<u>psmith@hotmail.com</u>	Facility Phone	<u></u>
Client ID	<u>371976</u>	Site ID	<u>819291</u>
SIC Code	<u>5399</u>	Municipality	<u>Slippery Rock Township</u>
SIC Description	<u>Retail Trade - Miscellaneous General Merchandise Stores</u>	County	<u>Lawrence</u>
Date Application Received	<u>November 7, 2022</u>	WQM Required	<u>Yes - Transfer</u>
Date Application Accepted	<u>November 10, 2022</u>	WQM App. No.	<u>3717401 T-1</u>
Project Description	<u>Renewal/Transfer of a NPDES Permit for a SFTF.</u>		

Summary of Review

This SFTF serves a retail store. As part of this NPDES Permit renewal, the permit is transferring ownership from New Castle DDP, LLC to Charlotte Apartments, LLC.

Treatment consists of a 1000 gallon 2-compartment septic tank with effluent filter, Orenco AdvanTex AX20-RTUV wastewater system with UV disinfection, and discharge pump tank. System design is 0.0004 MGD with expected annual average flows of 0.0002 MGD.

The facility is signed up for and using the eDMR system for reporting of effluent sampling results.

Sludge use and disposal description and location(s): Septage must be pumped and hauled off-site by a septage hauler for land application under a general permit authorized by PADEP or disposal at an STP.

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		Adam J. Pesek Adam J. Pesek, E.I.T. / Project Manager	March 14, 2023
X		Chad W. Yurisc, P.E. / Environmental Engineer Manager	3/23/2023

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 55' 31"</u>	Longitude	<u>-80° 15' 44"</u>
Quad Name	<u>New Castle South</u>	Quad Code	<u>1103</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Skunk Run</u>	Stream Code	<u>34025</u>
NHD Com ID	<u>126221272</u>	RMI	<u>2.46</u>
Drainage Area	<u>0.16</u>	Yield (cfs/mi ²)	<u>0.0517</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00827</u>	Q ₇₋₁₀ Basis	<u>USGS #03109300</u>
Elevation (ft)	<u>1245</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>20-C</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°C)	<u>20</u>	Default (CWF)	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company – Ellwood District</u>		
PWS Waters	<u>Connoquenessing Creek</u>	Flow at Intake (cfs)	<u>67</u>
PWS RMI	<u>0.2</u>	Distance from Outfall (mi)	<u>12.06</u>

Changes Since Last Permit Issuance: PWS Intake on Slippery Rock Creek was decommissioned.

Other Comments:

Compliance History	
Summary of DMRs:	Monthly eDMRs have been submitted since the SFTF became operational. A review of eDMRs show numerous violations of fecal coliform, BOD ₅ , and TSS. Based on this observation, the system does not appear to be able to treat at a consistent tertiary level that the STP was designed for.
Summary of Inspections:	12/1/2022 NOV to current owners for failure to pay annual fee. Site was last inspected on 6/5/2019 with no violations noted on the inspection report.

Other Comments: **There are currently no open violations listed in EFACTS for this permittee (3/14/2023).** *3/23/2023 CWY*

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 (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab

Compliance Sampling Location: Outfall 001 (after disinfection).

Other Comments: