

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0289248  
APS ID 1035954  
Authorization ID 1349203

**Applicant, Facility and Project Information**

Applicant Name	<u>Green Buck Acres LLC</u>	Facility Name	<u>Green Buck Acres SRSTP</u>
Applicant Address	<u>8528 Gulf Road</u> <u>North East, PA 16428-4312</u>	Facility Address	<u>3010 Morrison Run</u> <u>Clarendon, PA 16313</u>
Applicant Contact	<u>Janelle Thies Green</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 725-0808</u>	Facility Phone	<u></u>
Applicant E Mail	<u>greenbuckacres@gmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>362064</u>	Site ID	<u>846788</u>
Municipality	<u>Pleasant Township</u>	County	<u>Warren</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households,</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Application Received	<u>March 9, 2021</u>	WQM Required	<u>Yes, concurrently pending</u>
Application Accepted	<u>April 21, 2021</u>	WQM App. No.	<u>6221402</u>
Project Description	<u>Failed on-lot sewage treatment facility replacement</u>		

**Summary of Review**

No violations are reported. This is an existing rental property with a failed on-lot sewage treatment facility in an exceptional value (EV) watershed.

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>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	April 22, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	April 29, 2021

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0005</u>
Latitude DP	<u>41° 47' 42.00"</u>	Longitude DP	<u>-79° 9' 18.00"</u>
Latitude NHD	<u>41° 47' 42.00"</u>	Longitude NHD	<u>-79° 9' 18.31"</u>
Quad Name	<u>Warren</u>	Quad Code	<u>0412</u>
Wastewater:	<u>Treated rental single residence domestic wastes</u>		
Receiving Waters	<u>Morrison Run</u>	Stream Code	<u>56498</u>
NHD Com ID	<u>112377307</u>	RMI	<u>3.30</u>
Drainage Area	<u>3.12</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.05</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.16</u>	Q <sub>7-10</sub> Basis	<u>Knapp Creek</u>
Elevation (ft)	<u>1464.01</u>	Slope (ft/ft)	<u>0.03120</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>EV</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>NHD placed the discharge 1.57 miles above a dam. E Map measurement places the discharge 1.68 miles above the dam. NHD precision seems to be lacking. Total stream to waste flow Ratio is 319:1</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>Aqua Pa Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>105.18</u>

Changes Since Last Permit Issuance: NA

Other Comments:

With the small flow design volume and effluent requirements no downstream water supply impairment is expected. Also as for HQ watersheds the water supply criteria was evaluated at the discharge.

**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	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: UV radiation requirements are listed on the Department's Annual Maintenance Report (AMR)