

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

## NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0055395  
APS ID 1125726  
Authorization ID 1506513

### Applicant and Facility Information

Applicant Name	<u>Green Top Management LLC</u>	Facility Name	<u>Green Top MHP</u>
Applicant Address	<u>PO Box 677</u> <u>Morgantown, PA 19543-0677</u>	Facility Address	<u>107 Green Top Road</u> <u>Sellersville, PA 18960</u>
Applicant Contact	<u>James Perano</u>	Facility Contact	<u>Ron Kratz</u>
Applicant Phone		Facility Phone	<u>(215) 536-5122</u>
Client ID	<u>273393</u>	Site ID	<u>242859</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>West Rockhill Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Bucks</u>
Date Application Received	<u>October 25, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted		If No, Reason	
Purpose of Application	<u>Renewal</u>		

### Summary of Review

PA DEP received an application on October 25, 2024, for renewal of individual NPDES permit application to discharge sewage effluent from minor sewage facilities through Outfall 001 to an unnamed tributary of Tohickon Creek, classified as Special Protection Waters.

The facility serves Green Top Mobile Home Park. Permit was approved for Hydraulic Design Capacity of the STP of 0.028 MGD with average annual flow of 0.018 MGD.

Existing plant consists of 3 sequential batch reactors #1, #2 & #3, sand filters and a chlorine contact tank. Ferric chloride is used for phosphorous removal, soda ash is used for pH adjustment and chlorine tablets are used for disinfection.

There were no changes to the facility since last permit renewal, therefore, previously established effluent limits and monitoring requirements will remain for this current renewal.

On January 17, 2025, James Cieri confirmed in an email that they intend to continue with the existing Chlorine disinfection system and remove the UV system from the site that was never activated.

The TSS parameter and its associated limits were included in the 2010 permit and older, but were unintentionally omitted in the last two renewal cycles. As a result, the permit has been updated in this renewal to reinstate the previously existing limits.

Total Nitrogen and E.Coli has been added to the renewal as report only as per the SOP for Clean Water Program Establishing Effluent Limitations for Individual Sewage Permits SOP No. BCW-PMT-033.

Approve	Deny	Signatures	Date
x		<i>Vasantha</i> Vasantha Palakurti / Environmental Engineering Specialist	July 17, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	07/17/2025

### Summary of Review

Since the discharge is located in drainage area of Lower Delaware Special Protection Water (SPW) Area, it has to comply with DRBC requirements.

Permittee is subject to a consent decree with DRBC entered on January 30, 2013 with a docket No. 5: 12-CV-05553-JKG. The consent decree requires the applicant and related parties to conduct comprehensive environmental audits, identify areas of noncompliance, and perform corrective actions necessary to achieve compliance at the facilities subject to the consent decree. In addition, they must self-report the violations to the department. Accordingly, Facility reported several exceedances during permit cycle for Ammonia.

### 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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.018
Latitude	40° 24' 0.57"	Longitude	-75° 20' 3.81"
Quad Name		Quad Code	
Wastewater Description: Effluent			
Receiving Waters	Unnamed Tributary of Tohickon Creek (TSF)	Stream Code	03181
NHD Com ID	26053538	RMI	4.1
Drainage Area	0.11 sq. ft.	Yield (cfs/mi²)	0.1
Q <sub>7-10</sub> Flow (cfs)	0.0014	Q <sub>7-10</sub> Basis	
Elevation (ft)	541	Slope (ft/ft)	
Watershed No.	2-D	Chapter 93 Class.	TSF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		

Changes Since Last Permit Issuance: There were no process changes since last permit renewal.

Treatment Facility Summary				
Treatment Facility Name: Green Top Mobile Home Park STP				
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary With Phosphorus Reduction	Sequencing Batch Reactor	Hypochlorite	0.018
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.028	72.9	Not Overloaded		

**Compliance History**

**DMR Data for Outfall 001 (from December 1, 2023 to November 30, 2024)**

Parameter	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24	MAY-24	APR-24	MAR-24	FEB-24	JAN-24	DEC-23
Flow (GPD) Average Monthly	0.008	0.006	0.004	0.003	0.004	0.005	0.006	0.011	0.013	0.013	0.016	0.017
pH (S.U.) Instantaneous Minimum	6.42	6.14	6.71	6.73	6.63	6.92	7.02	6.88	6.36	6.72	6.82	6.66
pH (S.U.) Instantaneous Maximum	7.68	7.99	7.29	7.53	7.49	7.42	7.92	7.61	8.34	7.76	7.66	7.61
DO (mg/L) Minimum	6.4	6.4	7.9	6.2	6.6	6.5	6.4	6.6	6.2	6.5	6.6	6.6
TRC (mg/L) Average Monthly	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TRC (mg/L) Instantaneous Maximum	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.01	< 0.01	0.01	0.02	0.01	0.02
CBOD5 (mg/L) Average Monthly	4.6	5.2	7.6	< 2.0	3.1	4.4	< 2.3	< 2.0	< 2.1	< 2.0	6.5	3.5
Total Dissolved Solids (mg/L) Average Monthly	790	512	631	602	808	679	718	468	380	751	324	755
Fecal Coliform (CFU/100 ml) Average Monthly	< 1	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Fecal Coliform (CFU/100 ml) Instantaneous Maximum	< 1	20	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1
Ammonia (mg/L) Average Monthly	1.95	< 0.1	< 0.58	< 0.71	< 0.56	< 0.14	< 0.23	< 0.12	< 1.03	< 0.93	12.33	2.51
Total Phosphorus (mg/L) Average Monthly	0.29	0.27	0.23	0.3	0.32	0.31	0.25	0.17	0.22	0.23	0.31	0.21

**Compliance History**

**Effluent Violations for Outfall 001, from: January 1, 2024 To: November 30, 2024**

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
Ammonia	01/31/24	Avg Mo	12.33	mg/L	3.0	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" (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	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	6.0	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.02	XXX	0.05	1/day	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	2/month	8-Hr Composite
Total Dissolved Solids	XXX	XXX	XXX	1000	XXX	2000	1/month	8-Hr Composite
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200	XXX	1000	2/month	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	3.0	XXX	6	2/month	8-Hr Composite
Ammonia May 1 - Oct 31	XXX	XXX	XXX	1.7	XXX	3.4	2/month	8-Hr Composite
Total Phosphorus	XXX	XXX	XXX	0.5	XXX	1	2/month	8-Hr Composite
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	2/month	Calculation
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
TSS	XXX	XXX	XXX	30	XXX	60	2/month	8-Hr Composite



Approve	Deny	Signatures	Date
x		<i>Vasantha</i> Vasantha Palakurti / Environmental Engineering Specialist	July 17, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	07/17/2025