

VIII. Wastewater Facilities by Municipality: Green Township

2010 Population = 3,601

Land Area = 16.18 square miles

2010 Population Density = 223 persons/sq. mile

This is an element of the Sussex County Wastewater Management Plan prepared by Sussex County Planning Division in accordance with N.J.A.C. 7:15.

Existing and Proposed Wastewater Infrastructure

Wastewater facilities that discharge to surface water or to ground water with flow greater than 2,000 gallons per day are regulated by NJ Dept. of Environmental Protection and have either General (T-1) or individual New Jersey Pollutant Discharge Elimination System (NJPDES) Permits. The two facilities in Green Twp. described below both discharge to ground water, and the Facilities Tables are included at the end of this chapter. Most of Green Township is located within the Highlands Planning Area, although a small portion is in the Highlands Preservation Area.

NJ Conference 7th Day Adventist (Garden State Academy) - This existing wastewater treatment facility (NJPDES Permit No. NJ0099171) serves the 100 students and staff of the NJ Conference 7th Day Adventist (Garden State Academy). This facility is located on 352 acres of land on Route 517. The treatment plant is owned and operated by the NJ Conference 7th Day Adventist, and the treated wastewater is discharged to ground water.

Crossed Keys Banquet Hall - The proposed wastewater treatment facility will serve the Crossed Keys Banquet Hall located on Block 22, Lot 2.02 on Pequest Road. This facility will consist of a 15,458 sq. ft. Banquet Hall to be served by a subsurface sanitary disposal system with discharge to ground water. The proposed Banquet Hall will accommodate 200 seats and 30 employees. The facility will be owned and operated by Pequest 202, LLC.

The following table lists facilities governed by a State T-1 Permit, which is a "General Permit for Sanitary Subsurface Disposal" for discharges to groundwater greater than 2,000 gallons per day.

Table A - Existing NJPDES T-1 Facilities:

NJPDES	Facility Name	Project Summary	Block	Lot	Street Address	X Coord.	Y Coord.
NJG0175510	NVE Pharmaceuticals Inc.	Canning operation for energy drinks, 20 employees	27	1, 11	17 Whitehall Road	417850	780968
NJG0219878	Pub 517	Tavern	34	21	50 Stuyvesant Road	410568	768918

**Green Township
Wastewater Facilities Tables**

ON-SITE DOMESTIC TREATMENT FACILITIES

FACILITY NAME: CROSSED KEYS BANQUET HALL

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0159948	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Jacksonburg Limestone/ Kittatinny	
5. Classification of receiving water or aquifer:		
6. Owner of facility:	Pequest 202 LLC	
7. Operator of facility:	Pequest 202 LLC	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Green Twp. - Sussex County	
b. Street address	289 Pequest Road	
c. Block(s) and Lot(s)	Block 22 Lot 2.02	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude __ 74° 46' 06" W	
	b. Latitude____ 40° 58' 56" or	
	c. State Plane Coordinates	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.0045 Million Gallons per Day (MGD)	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out
Total	0	230
*14. Summary of wastewater flow received/to be received as a 3-day average flow for DSW or a daily maximum flow for DGW:	Current (Year 2015) Flow (in MGD)	Build-out (in MGD)
Residential flow		
Commercial flow		0.0045
Industrial flow		
Infiltration/Inflow		
Facility Total	0	0.0045 MGD

ON-SITE DOMESTIC TREATMENT FACILITIES

FACILITY NAME; GARDEN STATE ACADEMY

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0099171	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Glacial stratified drift, Quaternary age	
5. Classification of receiving water or aquifer:	GW-2	
6. Owner of facility:	NJ Conference of 7 th Day Adventists	
7. Operator of facility:	NJ Conference of 7 th Day Adventists	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Green Twp. – Sussex County	
b. Street address	Route 517	
c. Block(s) and Lot(s)	Block 34 Lot 18	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude 74 47' 25 _____	
	b. Latitude 40 56' 45 _____ or	
	c. State Plane Coordinates _____	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	<p align="center">0.0225 MGD (Million Gallons per Day)</p> <p align="center">= 22,500 Gallons Per Day</p>	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total		
*14. Summary of wastewater flow received/to be received as a 3-day average flow for DSW or a daily maximum flow for DGW:	Current (Year 2015) Flow (in MGD)	Build-out Flow (in MGD)
Residential flow	0.010	0.0225
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total	0.010	0.0225 MGD