VIII. Municipal Wastewater Management Chapters
Branchville Borough

2010 Population = 841
Land Area = 0.59 square miles

2010 Population Density = 1,421 persons/sq. mile

Existing and Proposed Wastewater Infrastructure

The larger wastewater facilities (discharge greater than 2,000 gallons per day) are regulated by NJ Dept. of Environmental Protection with individual New Jersey Pollutant Discharge Elimination System (NJPDES) Permits. The facilities discharge to surface water or ground water, and additional details are provided in Facilities Tables later in this chapter.

The NJ Dept. of Environmental Protection (DEP) approved a Wastewater Plan Amendment for Branchville Borough, prepared by Cerenzio & Panaro Engineers, by letter dated 1-17-2007. The plan proposed a new wastewater treatment plant to be built to serve Branchville and parts of Frankford Township, with a discharge to ground water. The new "SCMUA / Paulins Kill Facility" obtained DEP permits and is further described below.

Branchville / SCMUA Paulins Kill Facility

This wastewater treatment facility (NJPDES Permit NJ0146676) is designed to serve Branchville Borough and some sites in Frankford Township. The Frankford Twp. Elementary School remains in the future sewer service area, but will not be connecting to SCMUA facility at this time. The future wastewater flow is projected at 144,000 GPD for Branchville and 26,000 GPD for the sites in Frankford, for a total of 170,000 GPD for the SCMUA facility. The treated wastewater will be discharged to ground water in disposal beds located on Route 206 in Frankford Twp. The treatment plant is owned and operated by the Sussex County Municipal Utilities Authority. With its construction and operation since November 2016, the following NJPDES Permits and facilities will be closed:

Selective Insurance Company of America
This wastewater treatment facility (NJPDES Permit No. NJ0073873) served the Selective Insurance Company of America with permitted flow of 50,000 GPD discharge to ground water. This treatment facility is abandoned and the NJPDES Permit will be revoked.

Franklin Mutual Insurance Company
Two existing septic systems (NJPDES Permit No. NJ0078743) served the company with a permitted flow of 2,650 GPD discharge to ground water. The facility is being abandoned since the sewers were constructed in Branchville, and the NJPDES permit will be revoked.

The following sites had NJPDES T-1 Permits, typically for sites constructed in years prior to State regulations, which is a “General Permit for Sanitary Subsurface Disposal” for discharges greater than 2,000 gallons per day . These sites are now served by the new sewers in Branchville.

Former T-1 Permit Facilities:

NJG0130362	Third Base Tavern	Restaurant with 106 seats	3 Hillside Ave.
NJG0157473	Savage Restaurant	Two comm. buildings	Main St.

ON-SITE DOMESTIC TREATMENT FACILITIES FACILITY NAME: BRANCHVILLE/ SCMUA PAULINS KILL FACILITY		
1. Existing or proposed facility:	Proposed	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0146676	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Paulins Kill Basin Aquifer	
5. Classification of receiving water or aquifer:		
6. Owner of facility:	Sussex County Municipal Utilities Authority	
7. Operator of facility:	Sussex County Municipal Utilities Authority	
8. Co-Permittee of facility *(where applicable)*:		
9. Location of facility:		
a. Municipality & County	Branchville and Frankford, Sussex County	
b. Street address	Route 206	
c. Block(s) and Lot(s)		
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____ b. Latitude _ _____ or	
	c. State Plane Coordinates N – 838622.2 E – 426967.8	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.170 Million Gallons per Day (MGD)	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2013) 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 2013) Flow (in MGD)	Build-out Flow (in MGD)
Residential flow		
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total	**0**	**0.170 MGD**