

VIII. Wastewater Facilities by Municipality: Lafayette Township

2010 Population = 2,538

Land Area = 18 square miles

2010 Population Density = 141 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 which discharge to surface water (DSW) or to groundwater, for flow greater than 2,000 gallons per day, are regulated by NJ Dept. of Environmental Protection. A discharge to groundwater (DGW) facility is regulated by either a General (T1) or an Individual New NJPDES Permit.

The facilities discharge to surface water or ground water, and are listed in the tables at the end of this chapter. Even if a wastewater facility has had a DEP Permit revoked or the facility has closed, such as the former Schering Corp./ Merck facility, it can remain in the plan so that a future permit application to DEP can be determined as “consistent” with the WMP for the purposes of obtaining permits.

There is a proposed wastewater facility for Nouvelle Associates property (Proposed Lot 21.01 in Block 9) to serve proposed commercial development (consisting of retail store and restaurant) with a proposed discharge to ground water of 14,900 gallons per day. The applicant proposes to connect to Sparta water utility for the water supply for the project.

There was previously a designation for “TMB Partners” in the wastewater plan, but their permit was revoked by DEP. Since then, the property on Route 15 (Block 9 Lot 25) has a different owner and a Quick Chek store was built. “TMB Partners” has been removed from the plan and from the Future Sewer Area Map.

An additional significant action recognized in this WMP is the inclusion of approximately 97.4 acres within the SCMUA Solid Waste Facility in the sewer service area of SCMUA Upper Walkkill wastewater facility. The Solid Waste Facility is located on Block 14, Lots 33.05, 34, 37 and 38.01 in Lafayette Township.

The Solid Waste Facility transported up to approximately 35,000 gallons per day (gpd) of leachate, accumulated from the landfill collection, on a periodic basis, via tanker trucks to the SCMUA Upper Walkkill facility for final treatment and disposal. An amendment to the Sussex County WMP expanded the SCMUA Upper Walkkill sewer area and approved a force main to be constructed for the direct conveyance of the leachate. The 35,000 gpd of the existing leachate transported and treated at the SCMUA Upper Walkkill facility is accounted for as part of the existing wastewater flow.

The following table lists facilities governed by a T-1 Permit, which is a “General Permit for Sanitary Subsurface Disposal” for discharges 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.
NJG0104361	Sunrise House Foundation	90-bed rehab center	10	4.01	Limecrest Rd	443978	819091
NJG0190543	Olde Lafayette Village	Shopping center with 78,340 sq.ft.stores, and 18,000 sq.ft. restaurants	8	26.01	75 Route 15 and Route 94	440384	822984

Municipal Chapter – Lafayette Township Wastewater Facilities Tables

The wastewater facility tables for all sanitary and/or process wastewater discharge to surface water facilities and those sanitary/ and/or process wastewater discharge to groundwater facilities discharging greater than 2000 gallons per day (i.e., requiring NJPDES permits) are listed below, based on whether they are domestic or industrial wastewater treatment facilities, and whether they have service areas that affect more than one municipality.

On-Site Domestic Treatment Facilities– These facilities are listed in the following Tables.

Industrial Wastewater Facilities – These facilities are listed in the following Tables.

On the Facilities Tables, discharges are reported in Million Gallons per Day (MGD).

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: LAFAYETTE FEDERATED CHURCH

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0155047	
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:	Class II-A	
6. Owner of facility:	Lafayette Federated Church	
7. Operator of facility:	Lafayette Federated Church	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Lafayette Twp., Sussex County	
b. Street address	180-184 Route 15	
c. Block(s) and Lot(s)	Block 18; Lot 10.03	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates X-436664 Y-829321	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.003 Million Gallons per Day (MGD)	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total		1,003 seats
*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		
Commercial/ Institutional flow	0.002	0.003
Industrial flow		
Infiltration/Inflow		
Facility Total	0.002	0.003 MGD

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: LAFAYETTE TWP. SCHOOL DISTRICT

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0074861	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Beekmontown Group	
5. Classification of receiving water or aquifer:	Class II-A	
6. Owner of facility:	Lafayette Twp. Board of Education	
7. Operator of facility:	Lafayette Twp. Board of Education	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Lafayette Twp., Sussex County	
b. Street address	178 Beaver Run Road	
c. Block(s) and Lot(s)	Block 14; Lot 1	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____ b. Latitude _____ or c. State Plane Coordinates X-449512 Y-837333	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.0087 Million Gallons per Day (MGD)	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total		584 Students
*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		
Commercial/ Institutional flow	0.005	0.0087
Industrial flow		
Infiltration/Inflow		
Facility Total	0.005	0.0087 MGD

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: KIMBER PETROLEUM PROPERTY

1. Existing or proposed facility:	Proposed	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	Proposed	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Martinsburg Formation	
5. Classification of receiving water or aquifer:	GW Class II-A	
6. Owner of facility:	Kimber Petroleum	
7. Operator of facility:	Kimber Petroleum	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Lafayette Twp., Sussex County	
b. Street address	Intersection of Routes 94 and 15	
c. Block(s) and Lot(s)	Block 14; Lot 64	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude 74° 40' 45"	
	b. Latitude 41° 05' 25" W or	
	c. State Plane Coordinates X-442683 Y-822076	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.0025 MGD	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total	0	
*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		
Commercial flow	0	0.0025
Industrial flow		
Infiltration/Inflow		
Facility Total	0	0.0025 MGD

**ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: NOUVELLE ASSOCIATES**

1. Existing or proposed facility:	Proposed	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	Proposed	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Martinsburg Formation	
5. Classification of receiving water or aquifer:	GW Class II-A	
6. Owner of facility:	Nouvelle Associates	
7. Operator of facility:	Nouvelle Associates	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Lafayette Twp., Sussex County	
b. Street address	Route 15	
c. Block(s) and Lot(s)	Block 9; Proposed Lot 21.01	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates 442,009 E 822,032 N	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.0149 MGD	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total	0	Commercial bldg. and restaurant
*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		
Commercial flow	0	0.0149
Industrial flow		
Infiltration/Inflow		
Facility Total	0	0.0149 MGD

INDUSTRIAL TREATMENT FACILITIES FORMER SCHERING CORP. PROPERTY		
1. Existing or proposed facility:	Proposed	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	(formerly NJ0005711 – revoked by DEP)	
3. Discharge to ground water (DGW) or surface water (DSW):	DSW	
4. Receiving water or aquifer:	Paulins Kill	
5. Classification of receiving water or aquifer:	FW2-NT	
6. Owner of facility:		
7. Operator of facility:		
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Lafayette, Sussex County	
b. Street address	Route 94	
c. Block(s) and Lot(s)	Block 7 Lot 25	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude __ 74 41' 47	
	b. Latitude ____ 41 05' 40 or	
	c. State Plane Coordinates _____	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	To Be Determined	
13. Summary of wastewater flow received/to be received as a 30-day average flow for DSW or a daily maximum flow for DGW:	Current (Year 2015) Flow (in MGD)	Build-out Flow (in MGD)
	Commercial flow	
Industrial flow	0	0.05
Infiltration/Inflow		
Facility Total	0	0.05 MGD

Note: Industrial building is now vacant, NJPDES Permit was revoked by DEP