

VIII. Municipal Wastewater Management Chapters

Montague Township

2010 Population = 3,847
Land Area = 44 square miles

2010 Population Density = 87.4 persons/sq. mile

This municipal chapter 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

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 are listed in the following tables.

One change from the 2001 Sussex County Wastewater Management Plan (WMP) is that the proposed large “High Point Country Club” wastewater facility has been removed from the plan. Originally in the 2001 County WMP, there was a proposed discharge to ground water of 720,000 gallon per day to serve High Point Country Club and Montague Town Center. However, during DEP review, the Future Sewer Service Area was reduced due to environmental constraints. There is an existing T-1 Permit for a wastewater facility operated by Montague Sewer Company that serves lots in High Point Country Club, and has a franchise area that is under the jurisdiction of the NJ Board of Public Utilities.

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: MONTAGUE TWP. ELEMENTARY SCHOOL

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0105058	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Glenerie Formation Geology	
5. Classification of receiving water or aquifer:		
6. Owner of facility:	Montague Twp. Board of Education	
7. Operator of facility:	Louis Pepe	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Montague Twp. – Sussex County	
b. Street address	475 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 X – 411974 Y - 893937	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.002 Million Gallons per Day (MGD) = 2,000 Gallons per Day	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2013) Population	Build-out School Population
	Total	600
*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	0.002
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total	0.0015	0.002 MGD

The following table lists facilities typically constructed in years prior to State regulations, and are 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.
NJG0136689	206 Shore Drive	12 apartments in 3 bldgs			206 Lake Shore Drive	X-421240	Y-742784
NJG0085928	Cedar Ridge Campground	110 campsites, RV sites and 2 bathhouses	7	9, 17.01	205 River Road	X-409960	Y-893281
NJG0139866	High Point Country Club Community	Restaurant, club office, pool, and housing units served			Clove Road	X-418955	Y-899174
NJG0072141	High Point State Park Bath House.	State park	6	1	1480 State Route 23	X-431831	Y-874599
NJG0085910	Rockview Valley Campground	65 campsites, bathhouse	4	30	59 River Rd.	X-423303	Y-889855
NJG0078085	Tri- State Mall	127,780 sq.ft. shopping center	2	5	Route 23	X-425135	Y-884612
NJG0176524	Tri-State Bible Camp	Campground and retreat facility	1	1	2 River Road		

Build-out in Septic Areas and DEP Nitrate Dilution Model

All undeveloped land was included as available for nitrate dilution for future septic density. The results in TableB are shown by HUC-11 watershed for the portion in Montague Township. Based on existing zoning, the projected number of new septic units will not exceed the DEP maximum units allowable based on nitrate dilution and maintaining 2 mg/L ground water quality.

Watershed (HUC-11)	Total Undeveloped Land Available for Dilution (Acres)	DEP Nitrate Dilution Model: Acres/New Septic	DEP Model: Total New Septics Allowed	Total New Septics based on Zoning
Shimers Brook/ Clove Brook	6,542	5.0	1,308	926
Walpack Bend/ Montague Riverfront	1,852	4.5	412	157
Little Flat Brook	1,580	4.8	329	300

The NJDEP Build-out Model should be viewed as a rough indicator. The Model includes variables with a range of values (such as household size) and assumes that existing zoning would not change. It is a regional planning tool with just one focus: to identify possible areas of future stresses on ground water quality. The number of maximum allowable units is a theoretical number, and local municipal plans could provide for much less growth. There are many other considerations for municipalities, and it is not meant to replace or override the local perspective. Given the rural character of Sussex County, its roads and infrastructure, its quality of life, these are some other factors important to planning for future growth. **Appendix K** further describes the NJDEP Build-out Model and some of its limitations as well.

3) Identify any areas subject to federal 201 grant limitations- NONE

4) Provide a checklist of ordinances adopted and pending to complete the municipal chapter.>

Ordinance	Date Adopted	Complies with NJAC 7:15	Comments and More Protective Standards
Stormwater Management (Ground Water Recharge Maintenance)	5/23/2006	County Planning Board certification On 12/4/2006	
Riparian Zone Protection (optional)			
Steep Slope Protection (optional)			
Dry Conveyances in Sewer Service Area	n/a		
Septic Connection in Sewer Service Area	n/a		