

## **VIII. Municipal Wastewater Management Chapters**

### **Andover Borough**

**2010 Population = 606**  
**Land Area = 1.46 square miles**

**2010 Population Density = 452 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**

This section describes facilities regulated by NJ Dept. of Environmental Protection that have wastewater discharges greater than 2,000 gallons per day, either to surface water or ground water. In the past in Andover Borough, there was a proposed sewer service area with Discharge to Surface Water for future development. However, the property was preserved as Open Space last year, and the sewer service area was removed from the map.

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:**

<b>NJPDES</b>	<b>Facility Name</b>	<b>Project Summary</b>	<b>Block</b>	<b>Lot</b>	<b>Street Address</b>	<b>State Plane Coordinate</b>	<b>State Plane Coordinate</b>
NJG0128961	Andover Diner	120 seat restaurant	23	17.01	193 Main St.	427207	784709
NJG0087513	Andover Shopping Plaza	Commercial retail center	24	47	Route 206	424575	783198

#### **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 are shown by HUC-11 watershed. 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.

Table A - Additional Development at Build-out, Septic Area				
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
Pequest River (above Bear Swamp)	400	4.5	$\frac{400}{4.5} = 90$	86

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.

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.

Table B - Summary of Ordinance Adoption			
Municipal Ordinance	Date Adopted	County Planning Board Certification	Comments and More Protective Standards
Stormwater Management (Ground Water Recharge Maintenance)	3/13/2006	5/1/2006	
Riparian Zone Protection (optional)			
Steep Slope Protection (optional)			
Dry Conveyances in Sewer Service Area	n/a		
Septic Connection in Sewer Service Area	n/a		

