

VIII. Municipal Wastewater Management Chapters

Wantage Township

2010 Population = 11,358
Land Area = 66.75 square miles

2010 Population Density = 170 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 tables at the end of this chapter.

In Wantage Township, there are sewer service areas along Route 23 to be served by SCMUA . The A & P shopping center (Block 20 Lot 3) is currently served by SCMUA in their existing sewer service area with an allocation of 10,000 gallons per day. The following properties have received Preliminary Approval in Plan Amendment process and are shown on Wastewater Service Area map as part of County Wastewater Plan submittal to DEP: Hampshire Companies (Block 2 Lots 36.01 and 36.02); "Wantage Plaza" owned by Main Land Sussex (Block 7 Lots 12 and 13.02); and Bicsak Brothers Realty LLC (Block 11 Lot 5, Block 10 Lot 10.01). Currently, the total SCMUA allocation for Wantage Township is 65,000 gallons per day.

There is a force main owned by Sussex Borough that conveys wastewater flow to the Upper Walkkill SCMUA facility, so there is an Interlocal Service Agreement established between Wantage Township and Sussex Borough for use of the force main.

The following table lists sites that are governed by a State T-1 Permit, which is a "General Permit for Sanitary Subsurface Disposal" for discharges greater than 2,000 gallons per day. These facilities typically were constructed in years prior to State regulations and are grandfathered in as they currently exist.

Table A - Existing NJPDES T-1 Facilities:

NJPDES T-1 Permits	Facility Name	Project Summary	Block	Lot	Street Address	X Coord.	Y Coord.
NJG0164194	Bella Vita Restaurant	124- seat restaurant and a 2- bedroom apartment	45	13.02	1 Libertyville Road	460757	869181
NJG0072222	Clifton Lawrence Elementary	School with capacity of 800 students	43	12.01	Ryan Road	462988	873058
NJG0132896	High Point Country Inn	15 unit motel with a 2-bedroom apartment	165	29	1328 Rt. 23 North	449778	895641
NJG0190365	Sussex Motel	25- room motel	7	13.01	187 Rt. 23	467716	856430
NJG0159212	Sussex Queen Diner	149 seat restaurant	7	7.05	Rt. 23	468189	859481
NJG0131661	Tri State Management	19,990 sq. ft. commercial building with office space, retail, warehouse	44	17	775 Rt. 23	460776	871383
NJG0107531	Wantage Elementary School	Elementary School	43	8	Rt. 23 and Wantage School Road	460109	873564

Build-out in Septic Areas and DEP Nitrate Dilution Model

In running the DEP Build-out Model, all undeveloped land was included as available for nitrate dilution since the rain can infiltrate into the ground. Based on existing zoning, the projected number of new septic systems does exceed the DEP maximum units allowable for Walkkill River Watershed portion within Wantage Township. However, for DEP analysis, the regional HUC-11 total is the critical number (on pages 36 – 39 of the County Wastewater Plan). Even though Wantage Township theoretically exceeds the DEP maximum new septics allowed for Walkkill, the entire HUC-11 watershed meets the nitrate dilution standards using the DEP Build-out Model.

The NJDEP Build-out Model should be viewed as a rough indicator. 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. **Appendix K** further describes the NJDEP Build-out Model and some of its limitations as well.

Municipal Chapter – Wantage 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 on following pages, 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–

Industrial Wastewater Facilities –

The wastewater discharges are measured in Million Gallons per Day (MGD).

ON-SITE INDUSTRIAL TREATMENT FACILITIES
FACILITY NAME: AMES RUBBER CORP PLANT #3

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0085561	
3. Discharge to ground water (DGW) or surface water (DSW):	DSW	
4. Receiving water or aquifer:	Walkkill River	
5. Classification of receiving water or aquifer:	FW2-NT	
6. Owner of facility:	Ames Rubber Corp.	
7. Operator of facility:	Ronald R. Carew	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Twp, Sussex County	
b. Street address	1440 Rt. 565	
c. Block(s) and Lot(s)	Block 7; Lot 7.03	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____ b. Latitude _____ or c. State Plane Coordinates : X-469757 Y-859678	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):0	0.049 MGD	
*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		
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total		0.049 MGD

* Infiltration/Inflow (I/I): Existing I/I should be identified. However, additional future I/I may not be projected. (The NJPDES Treatment Works Approval regulations make numerical allowances for I/I.) The existing I/I can be carried-over and accounted for in the total future wastewater flow.

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: CLOVE HILL MANOR

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0137031	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	N/A	
5. Classification of receiving water or aquifer:		
6. Owner of facility:	Homeowners Association	
7. Operator of facility:	Sussex County MUA	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	Route 23	
c. Block(s) and Lot(s)	Block 54; Lot 4.01	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates X-458500 Y-875937	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.0198 MGD	
*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	0.006	0.0198
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total	0.006 MGD	0.0198 MGD

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: HIGH POINT REGIONAL HIGH SCHOOL

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0031585	
3. Discharge to ground water (DGW) or surface water (DSW):	DSW	
4. Receiving water or aquifer:	West Branch Papakating Creek	
5. Classification of receiving water or aquifer:	FW2-NT	
6. Owner of facility:	High Point Regional High School	
7. Operator of facility:		
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	299 Pidgeon Hill Road	
c. Block(s) and Lot(s)	Block 117; Lot 7.02	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates X-452389 Y-862160	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.030 MGD	
*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		0.030
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total	0.015	0.030 MGD

**ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: REGENCY AT SUSSEX APT.**

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0029041	
3. Discharge to ground water (DGW) or surface water (DSW):	DSW	
4. Receiving water or aquifer:	Layton Brook / Walkkill River	
5. Classification of receiving water or aquifer:	FW2-NT	
6. Owner of facility:	Regency @ Sussex	
7. Operator of facility:	Charles Smiley	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	10 Layton Road, Apt 2	
c. Block(s) and Lot(s)	Block 44; Lot 12	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates X-465436 Y-870702	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.080 MGD	
*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		0.080
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total	0.04	0.080 MGD.

* Infiltration/Inflow (I/I): Existing I/I should be identified. However, additional future I/I may not be projected. (The NJPDES Treatment Works Approval regulations make numerical allowances for I/I.) The existing I/I can be carried-over and accounted for in the total future wastewater flow.

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: PLEASANT ACRES FARM CAMPGROUND

1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0100781	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Aquifer –Allentown	
5. Classification of receiving water or aquifer:		
6. Owner of facility:	Denman, R.	
7. Operator of facility:		
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	Route 23	
c. Block(s) and Lot(s)	Block Lots	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates _____	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.030 MGD	
*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		
Commercial flow		
Industrial flow		
Infiltration/Inflow		
Facility Total		0.030 MGD

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: WANTAGE HEIGHTS

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:	Aquifer	
5. Classification of receiving water or aquifer:	GW-2	
6. Owner of facility:	Rachel Manor Properties, LLC	
7. Operator of facility:	Applied Water Management	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	State Route 23 and Cemetery Road	
c. Block(s) and Lot(s)	Block 11 Lots 6.02 and 7	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude 74° 35' 40 "	
	b. Latitude 41° 11' 49" or	
	c. State Plane Coordinates _____	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.019945 MGD	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total	0	140 - 175
*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		0.01633
Commercial flow		0.003615
Industrial flow		
Infiltration/Inflow		
Facility Total	0	0.019945 MGD

**ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: WANTAGE VILLAGE**

1. Existing or proposed facility:	Proposed	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0166561	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:	Aquifer – Martinsburg Formation	
5. Classification of receiving water or aquifer:		
6. Owner of facility:	Wantage Ridge Developers, LLC	
7. Operator of facility:	Aqueonics, Inc.	
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	Route 628	
c. Block(s) and Lot(s)	Block 116; Lots 10.01 and 10.06	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates X-456187 Y-862250	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	.019867 MGD	
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population
Total	0	150-250
*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		.0377
Commercial flow		.0021
Industrial flow		
Infiltration/Inflow		
Facility Total	0	0.0398 MGD

ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: MOUNTAIN VIEW SEWER PLANT

1. Existing or proposed facility:	Existing		
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0227536		
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:	Class II-A		
6. Owner of facility:	Mountain View Manor at Wantage, Inc.		
7. Operator of facility:	Mountain View Manor at Wantage, Inc.		
8. Co-Permittee of facility (<i>where applicable</i>):			
9. Location of facility:			
a. Municipality & County	Wantage Township, Sussex County		
b. Street address	18 Boulder Hills Blvd.		
c. Block(s) and Lot(s)	Block 4.02 Lots 1 and 2		
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____		
	b. Latitude _____ or		
	c. State Plane Coordinates _____		
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	0.0046 MGD		
*13. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2015) Population	Build-out Population	
	Total	0	20 2-bedroom apartments
*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		0.0046
	Commercial flow		
	Industrial flow		
	Infiltration/Inflow		
	Facility Total	0	0.0046 MGD

**ON-SITE DOMESTIC TREATMENT FACILITIES
FACILITY NAME: COMMERCIAL BUILDING**

1. Existing or proposed facility:	Proposed	
2. New Jersey Pollutant Discharge Elimination System Permit Number:		
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer:		
5. Classification of receiving water or aquifer:	Class II-A	
6. Owner of facility:	Town Center at Wantage, Inc.	
7. Operator of facility:		
8. Co-Permittee of facility (<i>where applicable</i>):		
9. Location of facility:		
a. Municipality & County	Wantage Township, Sussex County	
b. Street address	Route 23	
c. Block(s) and Lot(s)	Block 4 Lot 1.05	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude _____	
	b. Latitude _____ or	
	c. State Plane Coordinates _____	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	___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		
Industrial flow		
Infiltration/Inflow		
Facility Total	0	