

NFRWQPA 2007 WATER QUALITY PLAN UPDATE
Major Point Source Inventory Data

Operating Agency: *Town of Severance*

NPDES Permit #: COG-0589009

Permit Expires: 10/31/2010

Description of Treatment Facilities: Aerated ponds followed by a stabilization pond followed by chlorination.

Treatment Facility Location: SE ¼, Section 2, T6N, R67W

Discharge Location: Law Ditch, SE ¼, Section 2, R6N, R67W

Stream Segment Classification: Unclassified

Service Area Population:

Existing	2010	2015	2020	2025
2,000	3,255	4,883	6,510	8,138

Capacities:

	Design Capacity	Existing Load	2010	2015	2020	2025	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.155	0.121	0.245	0.359	0.481	0.525	*	*
Organic (lbs/day BOD ₅)	387	292	511	749	1,003	1,095	*	*

* See estimated 5-year construction needs.

Biosolids treatment and disposal: The town does not have biosolid treatment facilities. Removal of biosolids, when necessary, will be done by a licensed hauler.

Effluent limits required beyond secondary to meet stream standards: None

Estimated 5-year construction needs: *The Town has signed an agreement with the Town of Windsor to treat wastewater from Severance in the future. Severance has completed construction of a trunk sewer to Windsor. As the Severance wastewater treatment plant nears capacity, the Town will begin diverting flow into the trunk sewer which will be treated at the Windsor wastewater treatment facility.