

NFRWQPA 2007 WATER QUALITY PLAN UPDATE  
Minor Point Source Inventory Data

Operating Agency: *Abbey of St. Walburga*

NPDES Permit #: COG-620000

Permit Expired: 6/30/06

NPDES Facility #: COG-620073

Description of Treatment Facilities: Septic tank system with recirculating aerobic and anaerobic sand filters, nitrate reduction, and discharge to leach field.

Treatment Facility Location: NE ¼, NW ¼, Section 8, T11N, R71W

Discharge Location: NE ¼, NW ¼, Section 8, T11N, R71W

Stream Segment Classification: Discharge to ground water

Service Area Population:

Existing	2010	2015	2020	2025
22	25	27	35	

Transient population (week-end visitors) will occasionally add a maximum of 15 persons to the residential population. Maximum stay for transient population is 3-4 days.

Capacities:

	Design Capacity	Existing Load
Flow (gpd)	4,132	No data
Organic (lbs/day BOD <sub>5</sub> )	12.9	No data

Biosolids Treatment and disposal: Roto Rooter is called out twice per year to remove sludge from the septic tank. The volume of removed sludge is estimated at 3,600 gallons per trip.

Effluent limits required beyond secondary to meet stream standards: None

Estimated 5-year construction needs: Plans to expand current septic system to encompass the scope of projected growth are in mind.