

NFRWQPA 2011 WATER QUALITY PLAN UPDATE
Minor Point Source Inventory Data

Operating Agency: *Town of Grover*

Utility Plan Approved: 6/2010

CDPS Permit #: No permit

Permit Expires: NA

Description of Treatment Facilities: Aeration pits, discharge to land via leaching beds.

Treatment Facility Location: NW ¼, NW ¼, of Section 4, T10N, R61W

Discharge Location: NW ¼, NW ¼, of Section 4, T10N, R61W

Stream Segment Classification: NA – groundwater discharge

Service Area Population:

Existing	2030
155	201

Capacities:

	Design Capacity	Proposed Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.03	0.025	0.0144	0.0154	0.0164	0.0175	0.0187	>2030	>2030
Organic (lbs/day BOD ₅)	Not available	52	30.0	32.1	34.2	36.5	39.0	>2030	>2030

Biosolids treatment and disposal: None

Treatment level: The proposed facility was designed based on Preliminary Effluent Limits received from CDPHE in April 2010.

Estimated 5-year construction needs: In 2010 the Town received Site Application approval from CDPHE for a new treatment facility. The facility would include an influent lift station, headworks including screening and flow measurement, aerated equalization tank, anoxic tank, integrated fixed film activated sludge system, secondary clarifier, disinfection utilizing sodium hypochlorite, and evaporation/infiltration pond.