

Location / Street	Capacity <sup>(1)</sup> (mgd)	Existing Peak Flow			Projected Peak Flow		
		(mgd)	% of Capacity	Sufficient (yes/no)	(mgd)	% of Capacity	Sufficient (yes/no)
Stonington Borough District							
1) Interceptor from Borough WPCF to Deans Mill Road							
Front Street to RR Tracks in Water Street	3.98	1.00	25%	Yes	1.45	36%	Yes
Pipe Jacking under RR Tracks	2.33	1.00	43%	Yes	1.45	62%	Yes
Water Street / North Water Street	1.31	0.60	46%	Yes	0.80	61%	Yes
Flanders Road	2.13	0.55	26%	Yes	0.74	35%	Yes
Flanders Road	0.49	0.23	47%	Yes	0.29	59%	Yes
Flanders Road / Deans Mill Road	0.49	0.18	37%	Yes	0.22	45%	Yes
2) Water Street from Borough WPCF to Omega Street							
High Street / Northwest Street / Cross Street / Gold Street / Church Street	1.58	0.11	7%	Yes	0.16	10%	Yes
Water Street	1.06	0.08	8%	Yes	0.13	12%	Yes
Water Street	0.75	0.04	5%	Yes	0.08	11%	Yes
Water Street	0.49	0.03	6%	Yes	0.03	6%	Yes
3) Interceptor along Mathews Street and RR Tracks from Water St. to Elm St.							
Mathew Street	2.10	0.13	6%	Yes	0.27	13%	Yes
Cross Country to Elihu Street	2.46	0.05	2%	Yes	0.17	7%	Yes
4) Williams Street from North Water Street to Elm Street							
Williams Street	1.08	0.12	11%	Yes	0.16	15%	Yes
Cutler Street	0.74	0.11	15%	Yes	0.15	20%	Yes
Cutler Street	0.49	0.05	10%	Yes	0.09	18%	Yes
Elm Street	0.46	0.05	11%	Yes	0.08	17%	Yes
5) North Main Street from Williams Street to Palmer Street							
North Main Street	0.74	0.03	4%	Yes	0.03	4%	Yes

**Table 4-6**  
**Peak Wastewater Flows vs.**  
**Estimated Sewer Hydraulic Capacities**  
**Stonington Borough District**

Location / Street	Capacity <sup>(1)</sup> (mgd)	Existing Peak Flow			Projected Peak Flow		
		(mgd)	% of Capacity	Sufficient (yes/no)	(mgd)	% of Capacity	Sufficient (yes/no)
6) U.S. Route 1 from North Water Street to the Biofilter							
U.S. Route 1	2.23	0.20 <sup>(2)</sup>	9%	Yes	0.31 <sup>(2)</sup>	14%	Yes
U.S. Route 1	4.39	0.14	3%	Yes	0.24	5%	Yes

**Notes:**

- 1.) The pipe capacities listed are minimums for each segment, and are based on non-surcharged gravity flow.
- 2.) This value does not include the 0.28 mgd diversion flow from the Mystic WPCF.

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**Estimated Sewer Hydraulic Capacities**  
**Stonington Borough District**