

Town of Stratham MS4 Outfall Priority Ranking (updated July 23, 2024)

Outfall ID	Location	Receiving Water	Priority Ranking	Score	Previous Screening Results Indicate Likely Sewer Input? <sup>1</sup>	Receiving Water Body Impairment? <sup>2</sup>	Discharging to Area of Concern to Public Health? <sup>3</sup>	Frequency of Past Discharge Complaints	Density of Generating Sites <sup>4</sup>	Age of Development/ Infrastructure <sup>5</sup>	Historic Combined Sewers or Septic? <sup>6</sup>	Aging Septic? <sup>7</sup> >30 years	Culverted Streams? <sup>8</sup>	Add'l Characteristics
Information Source					Outfall inspections and sample results	Impaired Waters List	Maps	Town Staff	Land Use/GIS Maps, Aerial Photography	Land Use Information, Visual Observation	Town Staff	Assessing Info	GIS & Storm System Maps	Other
Scoring Criteria					Yes = 10 (Problem Outfall) No = 0	Yes = 10 (impairment is high priority) No = 0	Yes = 10 No = 0	Frequent = 3 Occasional = 2 None = 0	High = 3 Medium = 2 Low = 1	High = 3 Medium = 2 Low = 1	Yes = 3 No = 0	Yes = 3 No = 0	Yes = 3 No = 0	TBD
16	Tidewater Farm Road/Depot Road across from Liams Ct	Tributary to Great Bay	High Priority	26	0	10	10	0	1	2	0	3	0	None
25	114 Tidewater Farm Rd	Wetlands to Great Bay	High Priority	26	0	10	10	0	1	2	0	3	0	None
28	32 Dumbarton Oaks	Wetlands to Great Bay	High Priority	26	0	10	10	0	1	2	0	3	0	None
1	12 Trisha's Way across from 22 Stephen Drive	Wetlands (1,500 feet to Mill Brook)	Low Priority	3	0	0	0	0	1	2	0	0	0	None
6	139 Stratham Heights Road	Wetlands (2000 feet to Parkman Brook wshed)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
12	15 Easton Hill Lane (Long Hill Road side)	Wetland (isolated)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
13	92 High St	Wetland (may be isolated)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
14	98 High St	Wetland (may be isolated)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
15	33 High St	Wetland towards Mill Brook.	Low Priority	6	0	0	0	0	1	2	0	3	0	None
17	2 Tucker's Trail	Wetlands (>1,000 feet from Squamscott River North)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
18	2 Butterfield	Winding Brook (NHRIV600030806-27)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
26	Muirfield at Winnicutt across from stop sign.	Unnamed Pond	Low Priority	6	0	0	0	0	1	2	0	3	0	None
27	8 Whittaker Drive	Wetlands to Marsh Brook	Low Priority	6	0	0	0	0	1	2	0	3	0	None
30	8 Whittaker Drive	Wetlands to Marsh Brook (NHRIV600030901-02)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
31	32 High St	Mill Brook Headwaters (NHRIV600030806-10)	Low Priority	6	0	0	0	0	1	2	0	3	0	None
2	12 Trisha's Way across from 20 Stephen Drive	Fire Pond with overflow to land. Then 500 feet to wetlands then 1,200 feet to Mill Brook)	Excluded	3	0	0	0	0	1	2	0	0	0	Does not discharge to waters of the US or NH.
3	11 Autumn Lane	Fire Pond with overflow to tributary to Mill Brook	Excluded	3	0	0	0	0	1	2	0	0	0	Does not discharge to waters of the US or NH.
4	119 Stratham Heights Road	Land (roadside >1000 feet to wetlands in Parkman Brook wshed)	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.

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5	121-123 Stratham Heights Road	Land (roadside >1000 feet to wetlands in Parkman Brook wshed)	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
7	176 Bunker Hill Road (from Stratham Heights)	Land to Wetlands (1,800 feet to Winnicut River-Unnamed-Cornelius)	Not in MS4. Excluded	6	0	0	0	0	1	2	0	3	0	NOT IN MS4. Does not discharge to waters of the US or NH.
8	8 Sweetland Place	Land to Wetlands (1,500 feet to Winnicut River-Unnamed-Cornelius)	Not in MS4. Excluded	6	0	0	0	0	1	2	0	3	0	NOT IN MS4. Does not discharge to waters of the US or NH.
9	16 Smith Farm Road	Ditch to Powerlines. (towards Winnicut River-Unnamed-Cornelius)	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
10	13 Smith Farm Road near corner	Roadside ditch (to wetlands/land in subwatershed for Winnicut River-Unnamed-Cornelius)	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
11	13 Smith Farm Road across from 16 SFR	Roadside ditch (to wetlands/land in subwatershed for Winnicut River-Unnamed-Cornelius)	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
19	17 Doe Run Lane	Unnamed Brook (NHRIV600030806-23)	Not in MS4. Excluded	6	0	0	0	0	1	2	0	3	0	NOT IN MS4. Does not discharge to waters of the US or NH.
20	34 Raeder Drive	Unnamed Brook (NHRIV600030806-23)	Not in MS4. Excluded	6	0	0	0	0	1	2	0	3	0	NOT IN MS4. Does not discharge to waters of the US or NH.
21	14 Whittaker Drive	Stormwater Basin	Excluded	2	0	0	0	0	1	1	0	0	0	Does not discharge to waters of the US or NH.
22	Common Land 15-051-000 EAST PIPE at street	Stormwater Basin	Excluded	3	0	0	0	0	1	2	0	0	0	Does not discharge to waters of the US or NH.
23	Common Land 15-051-000 WEST PIPE at street	Stormwater Basin	Excluded	3	0	0	0	0	1	2	0	0	0	Does not discharge to waters of the US or NH.
24	Common Land 15-051-000 behind 13-17 Crocketts Way	Stormwater Basin	Excluded	3	0	0	0	0	1	2	0	0	0	Does not discharge to waters of the US or NH.
29	1 Murphy Lane	Bioretention Pond	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
32	Common Land 15-051-000 behind 13-17 Crocketts Way	Stormwater Basin	Excluded	3	0	0	0	0	1	2	0	0	0	Does not discharge to waters of the US or NH.
33	22 Dumbarton Oaks	Land	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.

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34	16 Dumbarton Oaks	Land	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
35	59 Dumbarton Oaks	Land	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.
36	7-10 Wedgewood Drive	Land	Excluded	6	0	0	0	0	1	2	0	3	0	Does not discharge to waters of the US or NH.

Problem Outfalls: Outfalls/interconnections with known or suspected contributions of illicit discharges based on existing information shall be designated as Problem Outfalls. This shall include any outfalls/interconnections where previous screening indicates likely sewer input.<sup>4</sup> Problem Outfalls need not be screened pursuant to Part 2.3.4.7.b.

- High Priority Outfalls: Outfalls/interconnections that have not been classified as Problem Outfalls and that are:
- discharging to an area of concern to public health due to proximity of public beaches, recreational areas, drinking water supplies or shellfish beds;
  - determined by the permittee as high priority based on the characteristics listed in the table with scores ≥11

Low Priority Outfalls: Outfalls/interconnections determined by the permittee as low priority based on the characteristics listed the table with scores ≤10

Excluded outfalls: Outfalls/interconnections with no potential for illicit discharges may be excluded from the IDDE program. This category is limited to roadway drainage in undeveloped areas with no dwellings and no sanitary sewers; drainage for athletic fields, parks or undeveloped green space and associated parking without services; cross-country drainage alignments (that neither cross nor are in proximity to sanitary sewer alignments) through undeveloped land.

Scoring Criteria:

<sup>1</sup>Previous screening results indicate likely sewer input if any of the following are true:

- Olfactory or visual evidence of sewage,
- Ammonia ≥ 0.5 mg/L, surfactants ≥ 0.25 mg/L, and bacteria levels greater than the water quality criteria applicable to the receiving water, or
- Ammonia ≥ 0.5 mg/L, surfactants ≥ 0.25 mg/L, and detectable levels of chlorine

<sup>2</sup>Catchments draining to any waterbody impaired for the following shall be designated either Problem Catchments or HIGH priority

- bacteria or pathogens
- Nitrogen
- Phosphorus

<sup>3</sup>Outfalls/interconnections that discharge to or in the vicinity of any of the following areas:

- Public Beaches
- Recreational Areas
- Drinking Water Supplies
- Shellfish beds

<sup>4</sup>Generating sites are institutional, municipal, commercial, or industrial sites with a potential to contribute to illicit discharges

<sup>5</sup>Age of development and infrastructure:

- High = Industrial areas greater than 40 years old and areas where the sanitary sewer system is more than 40 years old
- Medium = Developments 20-40 years old
- Low = Developments less than 20 years old

<sup>6</sup>Areas once served by combined sewers and but have been separated, or areas once served by septic systems but have been converted to sanitary sewers.

<sup>7</sup>Aging septic systems are septic systems 30 years or older in residential areas.

<sup>8</sup>Any river or stream that is culverted for distance greater than a simple roadway crossing.