

Section 12 – Stormwater Conveyance

It was not in the Scope of Services of this project to directly analyze stormwater impacts on water quality or analyze existing stormwater conveyance systems. Nonetheless, during the study, certain conveyance features within the watershed were mapped, including all catch basins, many stormwater conveyance drainage systems and all outfalls. All outfalls within 100 ft of surface waters, tributaries or the main stem of the Skug River were mapped and are shown in Figure 42 (in red) along with all other stormwater outfalls within the Martins Pond watershed. Outfalls around Martins Pond are not shown in detail in this figure.

The highest density of outfalls that occur within the 100 ft zone are in the southern portion of the watershed in subwatersheds D and E. Not surprisingly this high density of outfalls in subwatershed E is in a relatively dense residential district. Details on the 43 outfalls located within the 100 ft buffer zone (see Figure 39) are provided in Table 41. These 43 outfalls would be the logical starting point for implementing stormwater BMPs.

Stormwater Outfalls in the Martins Pond Watershed

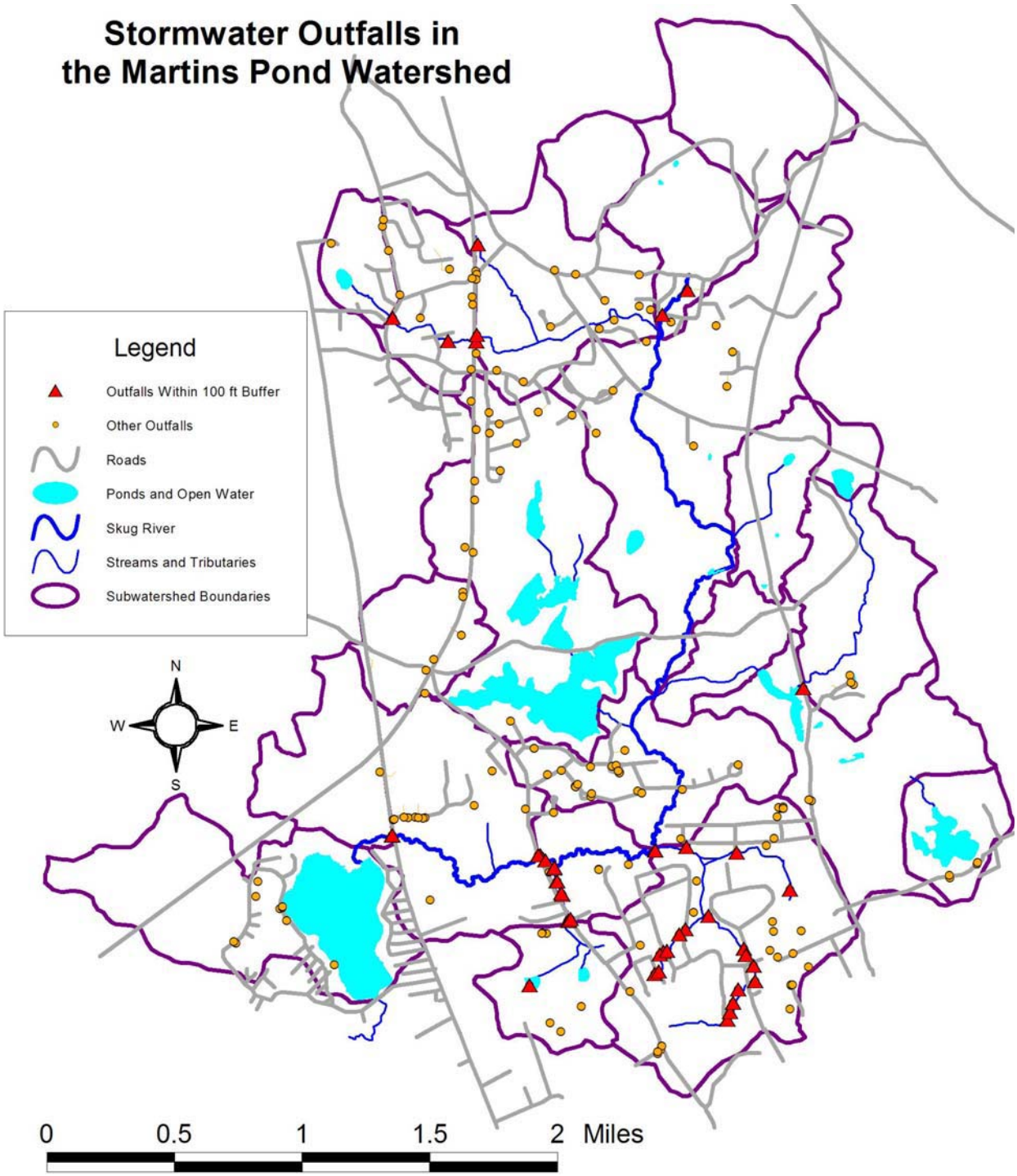


Figure 42. Locations of all stormwater outfalls in the Martins Pond watershed. Red triangles represent outfalls within 100 ft of any surface water, tributary or the Skug River (43 total). Other outfalls are shown as orange circles.

Table 41. A summary of the 43 stormwater outfalls found within 100 ft of surface waters in the Martins Pond watershed. These sites would be the logical starting point for implementing stormwater BMPs.

GIS-ID	Street Location	Diameter	Number
OUT-296	Korinthian Way	12"	1
OUT-358	Holt Road	24"	2
OUT-463	Jenkins Road	18"	3
OUT-51	Route 28	15"	4
OUT-51	Ivy Lane	36"	5
OUT-708	Route 125	12"	6
OUT-788	Route 125	30"	7
OUT-791	Route 125	30"	8
OUT-82	Korinthian Way	12"	9
SKUG-004	Central Street	24"	10
SKUG-005	Central Street	24"	11
SKUG-006	North Street	10"	12
SKUG-016	Parkview Terrace	36"	13
SKUG-017	Parkview Terrace	36"	14
SKUG-018	North Street	36"	15
SKUG-019	Sunset Avenue	42"	16
SKUG-021	Sunset Avenue	12"	17
SKUG-023	Wyoming Avenue	42"	18
SKUG-031	Shady Hill Drive	40"	19
SKUG-032	Shady Hill Drive	40"	20
SKUG-035	Shady Hill Drive	12"	21
SKUG-035	Shady Hill Drive	12"	22
SKUG-037	Peter Road	18"	23
SKUG-038	Peter Road	12"	24
SKUG-045	Westward Circle	12"	25
SKUG-050	Westchester Drive	24"	26
SKUG-051	Westward Circle	15"	27
SKUG-069	Eugley Park East	28"	28
SKUG-077	Eugley Park East	28"	29
SKUG-078	Pine Ridge Road	36"	30
SKUG-079	Wyoming Avenue	24"	31
SKUG-080	Wagon Drive	48"	32
SKUG-086	Central Street	1-30"; 1-12"	33
SKUG-087	Central Street	30"	34
SKUG-088	Central Street	24"	35
SKUG-089	Central Street	24"	36
SKUG-090	Central Street	36"	37
SKUG-090	Central Street	36"	38
SKUG-091	Central Street	36"	39
SKUG-091	Central Street	36"	40
SKUG-300	Wagon Drive	48"	41
SKUG-800	Central Street	12"	42
SKUG-801	Central Street	30"	43