

Appendix N: Distance Required to be Exceeded by an Ephemeral Drainage to Exclude a Stormwater Outfall from Priority Status ¹

Swale		Vegetated Ephemeral Drainage										
Width (ft)	Grade (%)	Water Quality Volume Discharge Rate(cfs)										
		0.2	0.45	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4	4.4
15	0.5	150	150	150	150	150	175	200	225	250	250	275
	1	150	150	150	175	200	225	250	275	300	325	350
	1.5	150	150	150	175	225	250	300	325	350	-	-
	2	150	150	150	200	250	275	325	-	-	-	-
	2.5	150	150	175	225	275	300	-	-	-	-	-
	3	150	150	175	225	275	325	-	-	-	-	-
10	0.5	150	150	150	150	200	225	250	275	300	325	350
	1	150	150	175	200	250	275	325	350	-	-	-
	1.5	150	150	175	225	275	325	-	-	-	-	-
	2	150	150	200	250	325	-	-	-	-	-	-
	2.5	150	150	225	275	-	-	-	-	-	-	-
	3	150	150	225	300	-	-	-	-	-	-	-
5	0.5	150	150	175	225	275	325	375	450	500	550	-
	1	150	150	225	275	350	-	-	-	-	-	-
	1.5	150	175	275	325	-	-	-	-	-	-	-
	2	150	200	300	-	-	-	-	-	-	-	-
	2.5	150	200	325	-	-	-	-	-	-	-	-
	3	150	225	-	-	-	-	-	-	-	-	-
2	0.5	150	175	250	350	450	550	650	725	-	-	-
	1	150	225	300	375	-	-	-	-	-	-	-
	1.5	150	250	-	-	-	-	-	-	-	-	-
	2	175	275	-	-	-	-	-	-	-	-	-
	2.5	200	300	-	-	-	-	-	-	-	-	-
	3	200	-	-	-	-	-	-	-	-	-	-
0	0.5	150	250	450	550	725	800	950	-	-	-	-
	1	175	300	500	-	-	-	-	-	-	-	-
	1.5	225	325	-	-	-	-	-	-	-	-	-
	2	225	-	-	-	-	-	-	-	-	-	-
	2.5	275	-	-	-	-	-	-	-	-	-	-
	3	275	-	-	-	-	-	-	-	-	-	-
Non-Vegetated Ephemeral Drainage												
Swale		Water Quality Volume Discharge Rate(cfs)										
Width (ft)	Grade (%)	0.2	0.45	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4	4.4
All	All	-	-	-	-	-	-	-	-	-	-	-

¹ Distances given in feet. A dash indicates no distance is acceptable for excluding the Stormwater Outfall as a priority.

