

Table 1.8: Summary of Hydraulic Analyses

Study Area/Flooding Source	Hydraulic Analysis Option *	Total Miles of New Base Level or Enhanced Level Hydraulics	Description of Level of study- i.e., AE with BFE or A zone mapping
Rockaway River	E	38.9	AE with BFE
Whippany River	E	18.4	AE with BFE
Green Pond Brook	E	1.59	AE with BFE
Lamington River	E	3.84	AE with BFE
Musconetcong River	E	26.81	AE with BFE
South Branch Raritan River	E	15.27	AE with BFE
Spring Garden Brook	E	2.75	AE with BFE
Tributary 1 to Whippany River	E	0.74	AE with BFE
Wills Brook	E	1.65	AE with BFE
Beaver Dam Brook	A	1.0	A
Boonton Reservoir	A	0.5	A
Cedar Lake	A	2.4	A

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Crooked Brook	A	1.9	A
Dalrymple Pond	A	0.5	A
Gladstone Brook	A	0.1	A
Harmony Brook	A	1.0	A
Lamington River	A	12.7	A
Mill Pond	A	1.6	A
North Branch Raritan River	A	0.2	A
Oak Ridge Reservoir	A	5.1	A
Peapack Brook	A	1.8	A
Succasunna Brook	A	0.7	A
Tributary 1 to Drakes Brook	A	1.1	A
Tributary 1 to Malapardis Brook	A	0.6	A
Tributary to Cedar Lake	A	0.5	A
Weldon Brook	A	1.9	A

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Wills Brook	A	1.0	A
Beaver Brook	A	3.7	A
Cooks Pond	A	0.7	A
E Lake Montowac Brook	A	0.9	A
Electric Brook	A	1.0	A
Herzog Brook	A	1.8	A
India Brook	A	4.8	A
Indian Brook A	A	1.0	A
Loantaka Brook	A	6.0	A
McVickers Brook	A	2.0	A
Mine Brook	A	2.1	A
N Lake Montowac Brook	A	0.2	A
North Valhalla Brook	A	0.8	A
Peck Meadow Brook	A	1.2	A

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Rhinehart Brook	A	1.1	A
South Brook	A	0.6	A
Stephens Brook	A	2.6	A
Stony Brook A	A	1.7	A
Surprise Lake Brook	A	1.0	A
Tributary 1 to Wills Brook	A	0.9	A
Tributary 1-1 to Green Pond Brook	A	0.7	A
Tributary 2 to Whippany River	A	0.6	A
Tributary 3 to Lamington River	A	0.7	A
Tributary 3 to Whippany River	A	1.9	A
Tributary 4 to Whippany River	A	0.9	A
Tributary 7 to Whippany River	A	0.7	A
Tributary to Black Cat Ditch	A	0.5	A
Tributary to Indian Brook A	A	0.3	A

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Tributary to Loantaka Brook	A	0.3	A
Tributary to North Branch Raritan River	A	0.2	A
Trout Brook	A	1.6	A
Walnut Creek	A	0.6	A
West Brook	A	1.4	A
West Brook A	A	1.5	A
Black Brook	A	14.3	A
Black Brook B	A	0.4	A
Den Brook	A	0.3	A
Dixon's Pond	A	2.5	A
Great Brook	A	5.0	A
Malapardis Brook	A	4.5	A
NP	A	2.2	A

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Primrose Brook	A	1.1	A
Tanners Brook	A	1.5	A
Taylortown Reservoir Brook	A	1.2	A
Tributary 1 to Lamington River	A	0.3	A
Tributary 1 to SB Raritan River	A	0.6	A
Tributary 2 to Drakes Brook	A	0.5	A
Tributary 3 to SB Raritan River	A	1.4	A
Tributary 4 to SB Raritan River	A	1.3	A
Tributary 5 to SB Raritan River	A	1.0	A
Tributary 5 to Whippany River	A	1.6	A
Tributary to Green Pond Brook	A	1.6	A
Turkey Brook	A	2.1	A