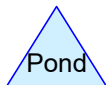
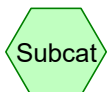
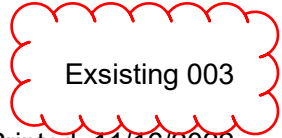




EXISTING 002





Exsisting 003

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Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
8.728	60	Woods, Fair, HSG B (43S)
8.728	60	TOTAL AREA

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Summary for Subcatchment 43S: EXISTING 002

Runoff = 1.96 cfs @ 12.44 hrs, Volume= 0.344 af, Depth= 0.47"

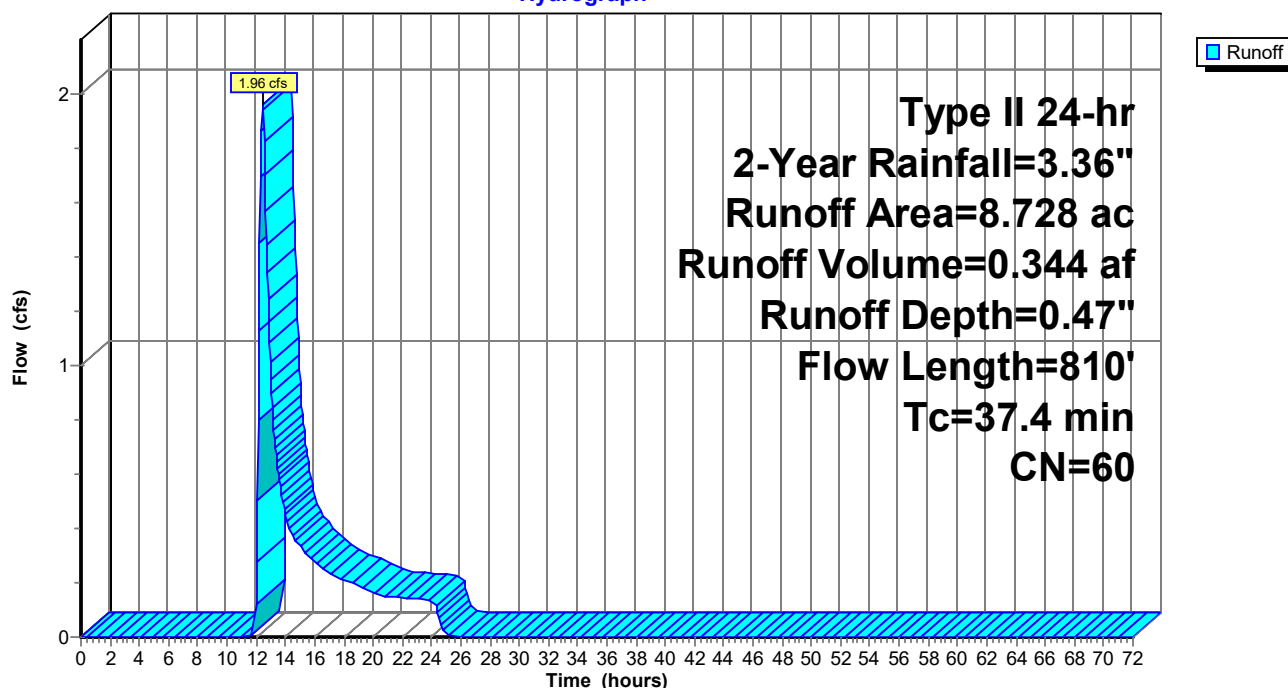
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-Year Rainfall=3.36"

Area (ac)	CN	Description
8.728	60	Woods, Fair, HSG B
8.728		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
19.7	78	0.0150	0.07		Sheet Flow, SEG 1
					Woods: Light underbrush n= 0.400 P2= 3.23"
17.7	732	0.0190	0.69		Shallow Concentrated Flow, SEG 2
					Woodland Kv= 5.0 fps
37.4	810	Total			

Subcatchment 43S: EXISTING 002

Hydrograph



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Existing 003
Type II 24-hr 10-Year Rainfall=5.28"

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Summary for Subcatchment 43S: EXISTING 002

Runoff = 8.47 cfs @ 12.37 hrs, Volume= 1.067 af, Depth= 1.47"

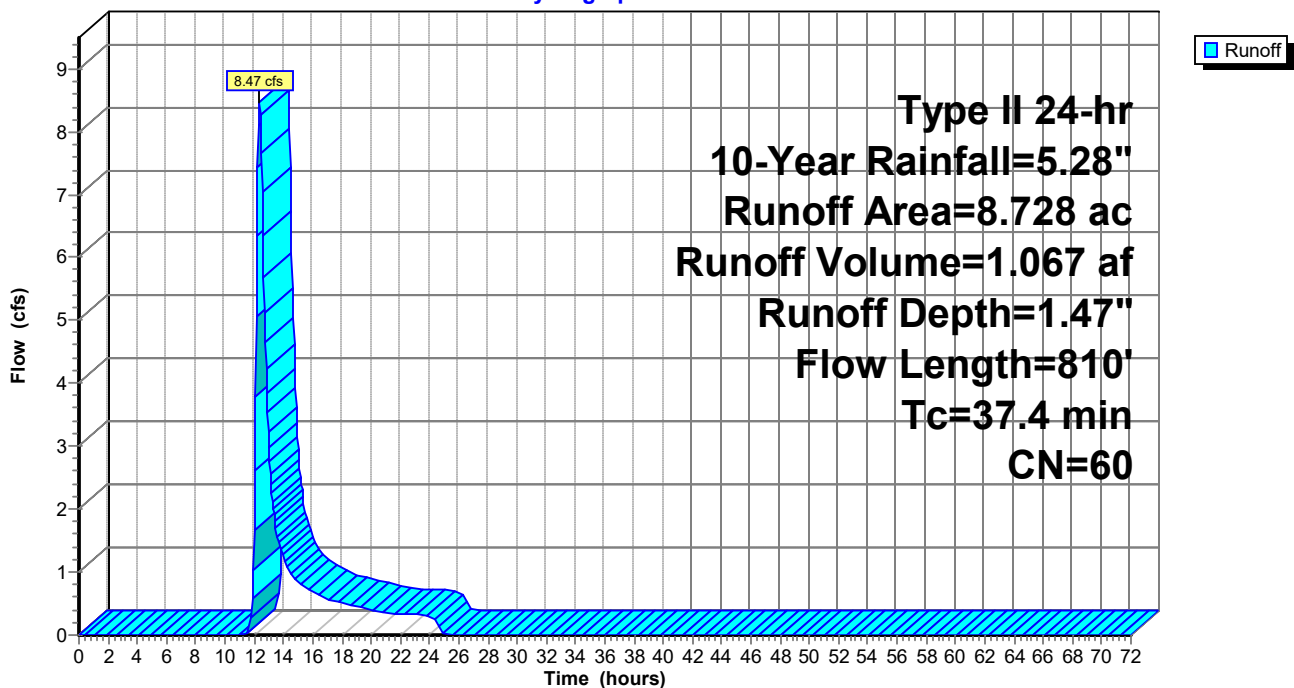
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-Year Rainfall=5.28"

Area (ac)	CN	Description
8.728	60	Woods, Fair, HSG B
8.728		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
19.7	78	0.0150	0.07		Sheet Flow, SEG 1
17.7	732	0.0190	0.69		Woods: Light underbrush n= 0.400 P2= 3.23" Shallow Concentrated Flow, SEG 2
37.4	810	Total			Woodland Kv= 5.0 fps

Subcatchment 43S: EXISTING 002

Hydrograph



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Existing 003
Type II 24-hr 50-Year Rainfall=7.20"

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Summary for Subcatchment 43S: EXISTING 002

Runoff = 17.15 cfs @ 12.35 hrs, Volume= 1.997 af, Depth= 2.75"

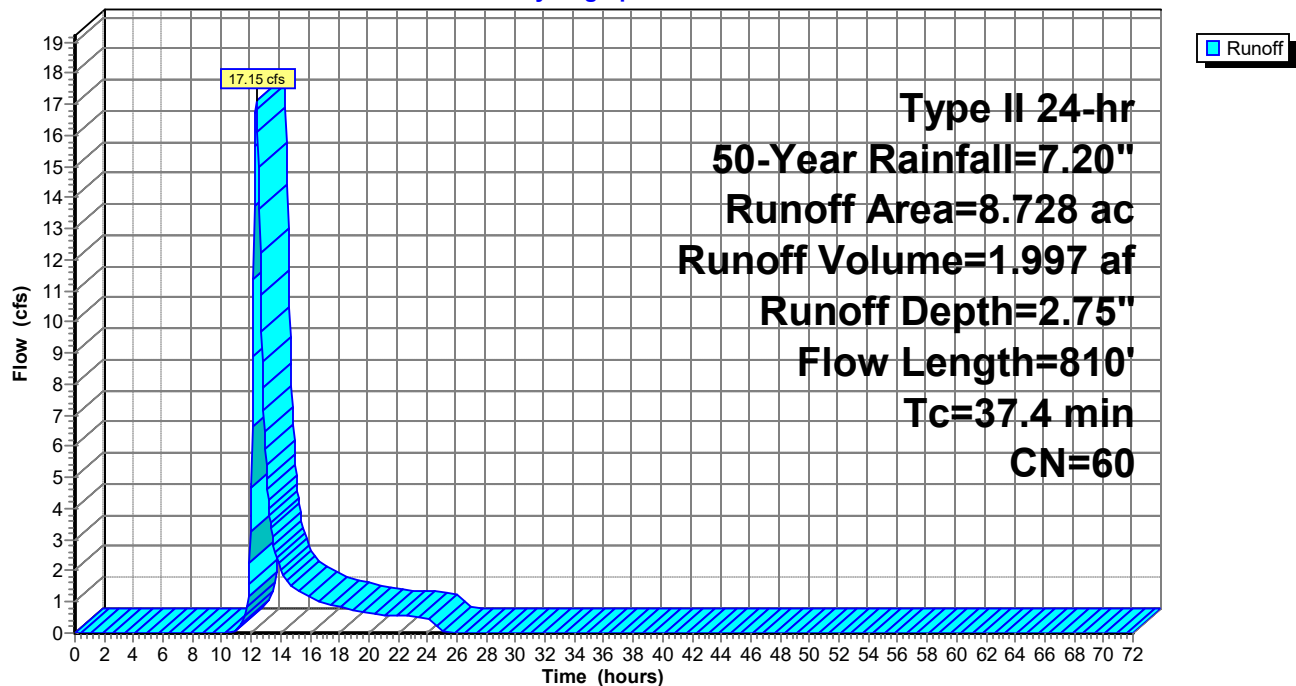
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 50-Year Rainfall=7.20"

Area (ac)	CN	Description
8.728	60	Woods, Fair, HSG B
8.728		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
19.7	78	0.0150	0.07		Sheet Flow, SEG 1
17.7	732	0.0190	0.69		Shallow Concentrated Flow, SEG 2
					Woodland Kv= 5.0 fps
37.4	810	Total			

Subcatchment 43S: EXISTING 002

Hydrograph



NPDES_Stormwater-REV1.1

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Existing 003
Type II 24-hr 100-Year Rainfall=8.40"

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Summary for Subcatchment 43S: EXISTING 002

Runoff = 23.16 cfs @ 12.35 hrs, Volume= 2.645 af, Depth= 3.64"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-Year Rainfall=8.40"

Area (ac)	CN	Description
8.728	60	Woods, Fair, HSG B
8.728		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
19.7	78	0.0150	0.07		Sheet Flow, SEG 1
17.7	732	0.0190	0.69		Woods: Light underbrush n= 0.400 P2= 3.23" Shallow Concentrated Flow, SEG 2
37.4	810	Total			Woodland Kv= 5.0 fps

Subcatchment 43S: EXISTING 002

Hydrograph

