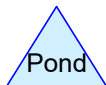
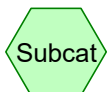


# EXISTING POI-001



**NPDES\_Stormwater-REV1.1**

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**Area Listing (selected nodes)**

Area (acres)	CN	Description (subcatchment-numbers)
1.710	40	Meadow, non-grazed, HSG A (1S)
5.410	58	Meadow, non-grazed, HSG B (1S)
3.816	71	Meadow, non-grazed, HSG C (1S)
1.574	98	Paved parking & roofs (1S)
3.910	40	Woods, Good, HSG A (1S)
19.330	55	Woods, Good, HSG B (1S)
27.700	70	Woods, Good, HSG C (1S)
<b>63.450</b>	<b>63</b>	<b>TOTAL AREA</b>

**NPDES\_Stormwater-REV1.1**

Type II 24-hr 2-Year Rainfall=3.36"

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**Summary for Subcatchment 1S: EXISTING POI-001**

Runoff = 13.06 cfs @ 12.88 hrs, Volume= 3.134 af, Depth= 0.59"

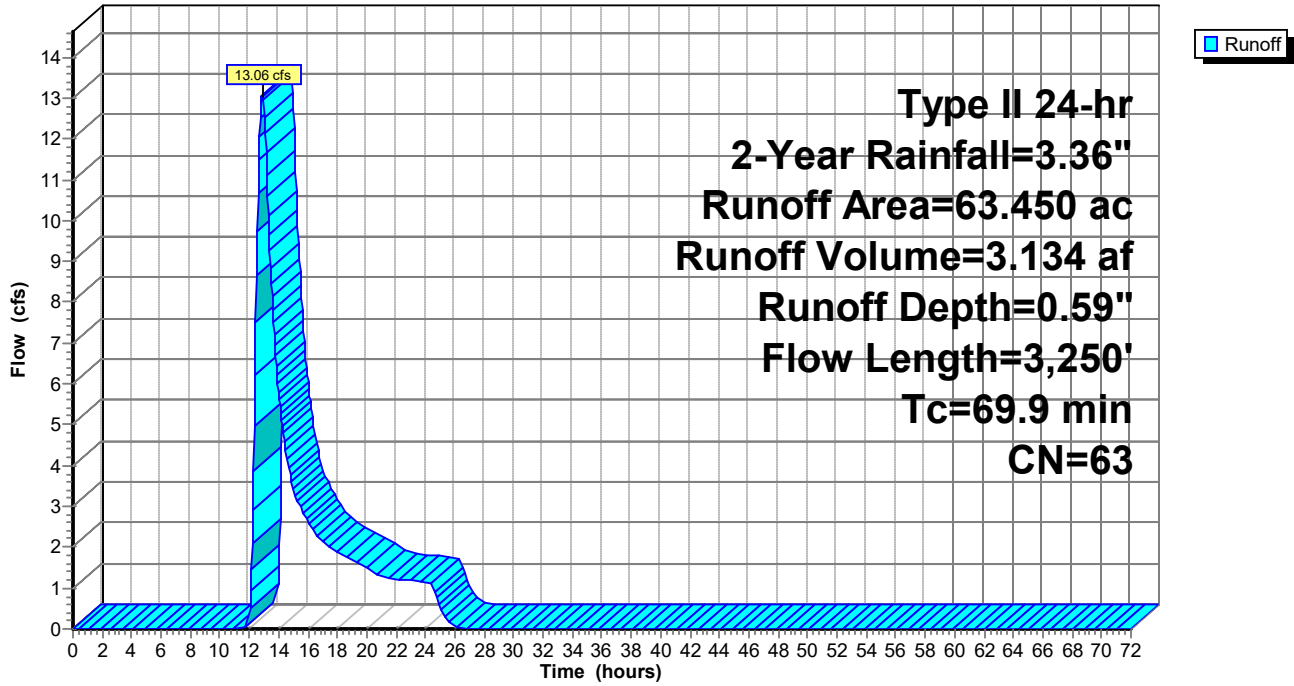
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs  
Type II 24-hr 2-Year Rainfall=3.36"

Area (ac)	CN	Description
1.574	98	Paved parking & roofs
* 1.710	40	Meadow, non-grazed, HSG A
5.410	58	Meadow, non-grazed, HSG B
3.816	71	Meadow, non-grazed, HSG C
* 3.910	40	Woods, Good, HSG A
19.330	55	Woods, Good, HSG B
27.700	70	Woods, Good, HSG C
63.450	63	Weighted Average
61.876		97.52% Pervious Area
1.574		2.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
14.8	100	0.0500	0.11		<b>Sheet Flow, SEG-1</b>
					Woods: Light underbrush n= 0.400 P2= 3.23"
10.2	654	0.0460	1.07		<b>Shallow Concentrated Flow, SEG-2</b>
					Woodland Kv= 5.0 fps
6.0	1,065	0.0210	2.94		<b>Shallow Concentrated Flow, SEG-3</b>
					Paved Kv= 20.3 fps
38.9	1,431	0.0150	0.61		<b>Shallow Concentrated Flow, SEG-4</b>
					Woodland Kv= 5.0 fps
69.9	3,250	Total			

Subcatchment 1S: EXISTING POI-001

Hydrograph



**NPDES\_Stormwater-REV1.1**

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

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**Summary for Subcatchment 1S: EXISTING POI-001**

Runoff = 46.67 cfs @ 12.81 hrs, Volume= 8.931 af, Depth= 1.69"

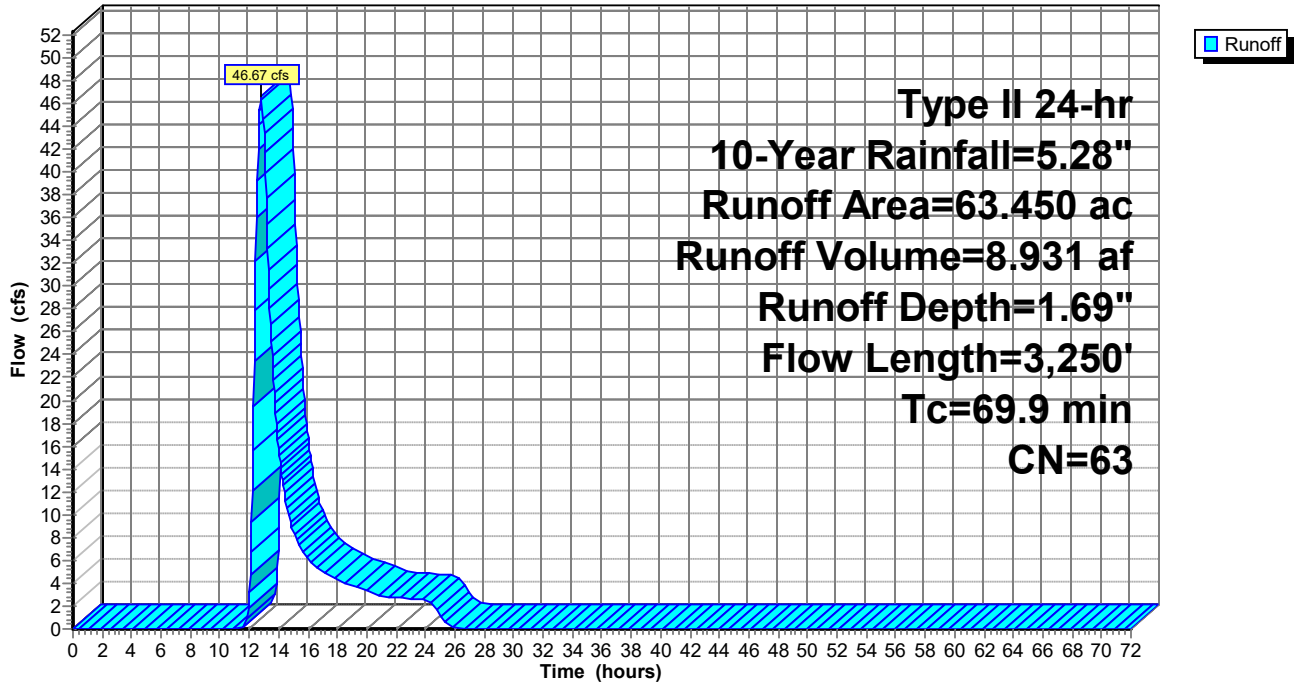
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs  
Type II 24-hr 10-Year Rainfall=5.28"

Area (ac)	CN	Description
1.574	98	Paved parking & roofs
* 1.710	40	Meadow, non-grazed, HSG A
5.410	58	Meadow, non-grazed, HSG B
3.816	71	Meadow, non-grazed, HSG C
* 3.910	40	Woods, Good, HSG A
19.330	55	Woods, Good, HSG B
27.700	70	Woods, Good, HSG C
63.450	63	Weighted Average
61.876		97.52% Pervious Area
1.574		2.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
14.8	100	0.0500	0.11		<b>Sheet Flow, SEG-1</b>
					Woods: Light underbrush n= 0.400 P2= 3.23"
10.2	654	0.0460	1.07		<b>Shallow Concentrated Flow, SEG-2</b>
					Woodland Kv= 5.0 fps
6.0	1,065	0.0210	2.94		<b>Shallow Concentrated Flow, SEG-3</b>
					Paved Kv= 20.3 fps
38.9	1,431	0.0150	0.61		<b>Shallow Concentrated Flow, SEG-4</b>
					Woodland Kv= 5.0 fps
69.9	3,250	Total			

Subcatchment 1S: EXISTING POI-001

Hydrograph



**NPDES\_Stormwater-REV1.1**

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

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**Summary for Subcatchment 1S: EXISTING POI-001**

Runoff = 89.47 cfs @ 12.79 hrs, Volume= 16.134 af, Depth= 3.05"

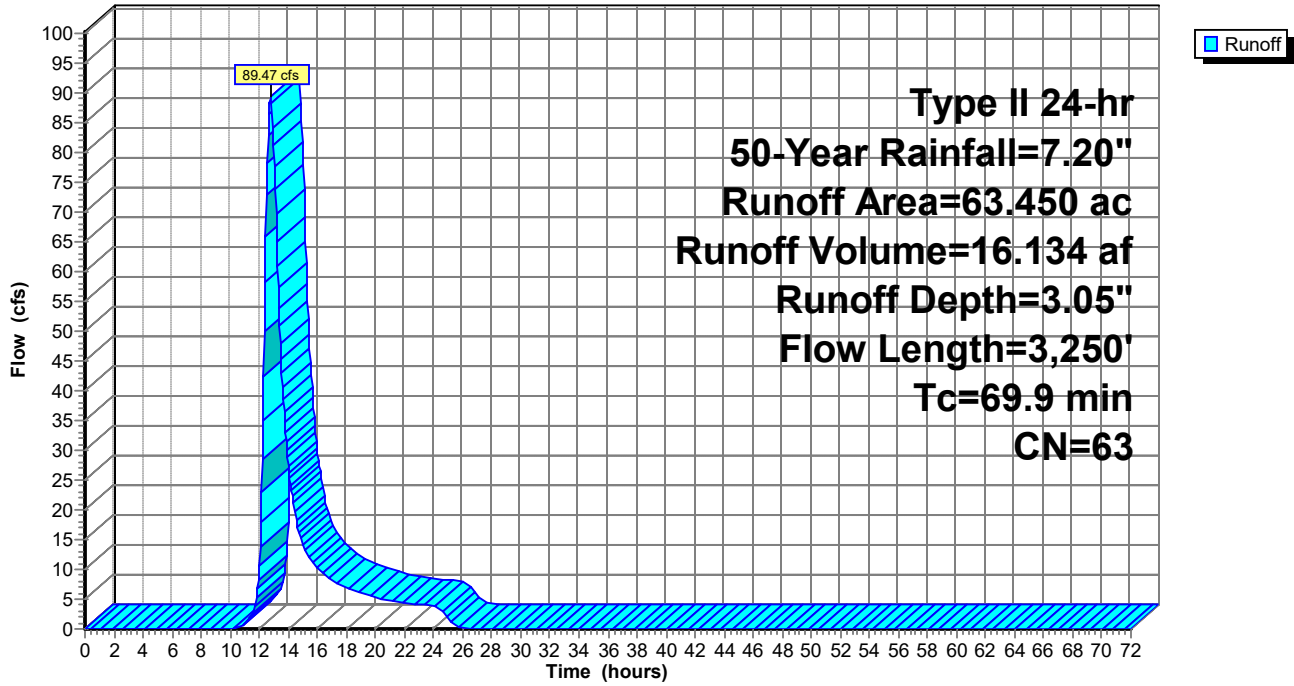
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs  
Type II 24-hr 50-Year Rainfall=7.20"

Area (ac)	CN	Description
1.574	98	Paved parking & roofs
* 1.710	40	Meadow, non-grazed, HSG A
5.410	58	Meadow, non-grazed, HSG B
3.816	71	Meadow, non-grazed, HSG C
* 3.910	40	Woods, Good, HSG A
19.330	55	Woods, Good, HSG B
27.700	70	Woods, Good, HSG C
63.450	63	Weighted Average
61.876		97.52% Pervious Area
1.574		2.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
14.8	100	0.0500	0.11		<b>Sheet Flow, SEG-1</b>
					Woods: Light underbrush n= 0.400 P2= 3.23"
10.2	654	0.0460	1.07		<b>Shallow Concentrated Flow, SEG-2</b>
					Woodland Kv= 5.0 fps
6.0	1,065	0.0210	2.94		<b>Shallow Concentrated Flow, SEG-3</b>
					Paved Kv= 20.3 fps
38.9	1,431	0.0150	0.61		<b>Shallow Concentrated Flow, SEG-4</b>
					Woodland Kv= 5.0 fps
69.9	3,250	Total			

Subcatchment 1S: EXISTING POI-001

Hydrograph





**NPDES\_Stormwater-REV1.1**

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

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**Summary for Subcatchment 1S: EXISTING POI-001**

Runoff = 118.70 cfs @ 12.78 hrs, Volume= 21.074 af, Depth= 3.99"

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
1.574	98	Paved parking & roofs
* 1.710	40	Meadow, non-grazed, HSG A
5.410	58	Meadow, non-grazed, HSG B
3.816	71	Meadow, non-grazed, HSG C
* 3.910	40	Woods, Good, HSG A
19.330	55	Woods, Good, HSG B
27.700	70	Woods, Good, HSG C
63.450	63	Weighted Average
61.876		97.52% Pervious Area
1.574		2.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
14.8	100	0.0500	0.11		<b>Sheet Flow, SEG-1</b>
					Woods: Light underbrush n= 0.400 P2= 3.23"
10.2	654	0.0460	1.07		<b>Shallow Concentrated Flow, SEG-2</b>
					Woodland Kv= 5.0 fps
6.0	1,065	0.0210	2.94		<b>Shallow Concentrated Flow, SEG-3</b>
					Paved Kv= 20.3 fps
38.9	1,431	0.0150	0.61		<b>Shallow Concentrated Flow, SEG-4</b>
					Woodland Kv= 5.0 fps
69.9	3,250	Total			

Subcatchment 1S: EXISTING POI-001

Hydrograph

