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Area Listing (selected nodes)

Area	CN	Description
 (acres)		(subcatchment-numbers)
0.205	40	Meadow, non-grazed, HSG A (26S)
23.487	60	Woods, Fair, HSG B (26S, 28S)
0.395	40	Woods, Good, HSG A (26S)
2.526	70	Woods, Good, HSG C (26S)
26.613	60	TOTAL AREA

Summary for Subcatchment 26S: EXISTING 003(1)

Runoff = 1.62 cfs @ 12.27 hrs, Volume= 0 Routed to Link 29L : (new Link)

0.198 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	Desc	cription		
	0.	891	60	Woo	ds, Fair, ⊢	ISG B	
	2.	526	70	Woo	ds, Good,	HSG C	
*	0.	205	40	Mea	dow, non-g	grazed, HS	GA
*	0.	395	40	Woo	ds, Good,	HSG A	
	4.	017	63	Weig	ghted Aver	age	
	4.	017		100.	00% Pervi	ous Area	
	Tc	Length	1 8	Slope	Velocity	Capacity	Description
_	(min)	(feet))	(ft/ft)	(ft/sec)	(cfs)	
	17.9	150) ().	.0700	0.14		Sheet Flow, SEG 1
							Woods: Light underbrush n= 0.400 P2= 3.23"
	9.6	563	0 .	.0380	0.97		Shallow Concentrated Flow, SEG 2
							Woodland Kv= 5.0 fps
	07 5	740	<u>т</u>	- 4 - 1			

27.5 713 Total



Summary for Subcatchment 28S: EXISTING 003 (2)

Runoff = 3.23 cfs @ 12.98 hrs, Volume= 0.890 af, Depth= 0.47" Routed to Link 29L : (new Link)

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) C	N Dese	cription		
	22.	596 6	0 Woo	ods, Fair, ⊦	ISG B	
22.596 100.00% Pervious Area						
	Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
	39.0	150	0.0100	0.06		Sheet Flow, SEG 1
	8.9	386	0.0210	0.72		Woods: Light underbrush n= 0.400 P2= 3.23" Shallow Concentrated Flow, SEG 2 Woodland Ky= 5.0 fps
	14.2	331	0.0060	0.39		Shallow Concentrated Flow, SEG 3
_	10.4	382	0.0150	0.61		Woodland Kv= 5.0 fps Shallow Concentrated Flow, SEG 4 Woodland Kv= 5.0 fps

72.5 1,249 Total



Inflow Area	a =	26.613 ac,	0.00% Impervious,	Inflow Depth = 0	.49" for 2-Year event
Inflow	=	3.69 cfs @	12.93 hrs, Volume	= 1.088 af	
Primary	=	3.69 cfs @	12.93 hrs, Volume	= 1.088 af	f, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs



Link 29L: (new Link)

Exisisting 003

Summary for Subcatchment 26S: EXISTING 003(1)

Runoff = 5.78 cfs @ 12.23 hrs, Volume= 0.565 Routed to Link 29L : (new Link)

0.565 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	Desc	cription		
	0.	891	60	Woo	ds, Fair, ⊢	ISG B	
	2.	526	70	Woo	ds, Good,	HSG C	
*	0.	205	40	Mea	dow, non-g	grazed, HS	GA
*	0.	395	40	Woo	ds, Good,	HSG A	
	4.	017	63	Weig	phted Aver	age	
	4.	017		100.	00% Pervi	ous Area	
	Тс	Lengt	n	Slope	Velocity	Capacity	Description
_	(min)	(feet	:)	(ft/ft)	(ft/sec)	(cfs)	
	17.9	15	0 C	.0700	0.14		Sheet Flow, SEG 1
							Woods: Light underbrush n= 0.400 P2= 3.23"
	9.6	56	30	.0380	0.97		Shallow Concentrated Flow, SEG 2
							Woodland Kv= 5.0 fps
			-				

27.5 713 Total



Summary for Subcatchment 28S: EXISTING 003 (2)

Runoff = 13.40 cfs @ 12.85 hrs, Volume= Routed to Link 29L : (new Link)

2.763 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) C	N Desc	cription		
22	.596 6	0 Woo	ods, Fair, ⊢	ISG B	
22	.596	100.	00% Pervi	ous Area	
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
39.0	150	0.0100	0.06		Sheet Flow, SEG 1
8.9	386	0.0210	0.72		Woods: Light underbrush n= 0.400 P2= 3.23" Shallow Concentrated Flow, SEG 2 Woodland Ky= 5.0 fps
14.2	331	0.0060	0.39		Shallow Concentrated Flow, SEG 3
10.4	382	0.0150	0.61		Woodland Kv= 5.0 fps Shallow Concentrated Flow, SEG 4 Woodland Kv= 5.0 fps

72.5 1,249 Total



Inflow Area	a =	26.613 ac,	0.00% Impervious,	Inflow Depth =	1.50" for	10-Year event
Inflow	=	14.93 cfs @	12.80 hrs, Volume	= 3.329 a	af	
Primary	=	14.93 cfs @	12.80 hrs, Volume	= 3.329 a	af, Atten=	0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs



Link 29L: (new Link)

Exisisting 003

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Exisisting 003

Summary for Subcatchment 26S: EXISTING 003(1)

Runoff = 11.00 cfs @ 12.22 hrs, Volume= Routed to Link 29L : (new Link)

1.021 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	Desc	cription		
	0.	891	60	Woo	ds, Fair, F	ISG B	
	2.	526	70	Woo	ds, Good,	HSG C	
*	0.	205	40	Mea	dow, non-g	grazed, HS	GA
*	0.	395	40	Woo	ds, Good,	HSG A	
_	4.	017	63	Weig	phted Aver	age	
	4.	017		100.0	00% Pervi	ous Area	
	Тс	Length	ר	Slope	Velocity	Capacity	Description
_	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
	17.9	150) ()	.0700	0.14		Sheet Flow, SEG 1
							Woods: Light underbrush n= 0.400 P2= 3.23"
	9.6	563	30	.0380	0.97		Shallow Concentrated Flow, SEG 2
							Woodland Kv= 5.0 fps

27.5 713 Total



Summary for Subcatchment 28S: EXISTING 003 (2)

Runoff = 27.32 cfs @ 12.82 hrs, Volume= Routed to Link 29L : (new Link)

5.171 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) C	N Desc	cription		
	22.	596 6	0 Woo	ods, Fair, ⊢	ISG B	
	22.	596	100.	00% Pervi	ous Area	
	Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
_	39.0	150	0.0100	0.06		Sheet Flow, SEG 1
	8.9	386	0.0210	0.72		Woods: Light underbrush n= 0.400 P2= 3.23" Shallow Concentrated Flow, SEG 2 Woodland Ky= 5.0 fps
	14.2	331	0.0060	0.39		Shallow Concentrated Flow, SEG 3
	10.4	382	0.0150	0.61		Woodland Kv= 5.0 fps Shallow Concentrated Flow, SEG 4 Woodland Kv= 5.0 fps

72.5 1,249 Total



Inflow Are	ea =	26.613 ac,	0.00% Impervious,	Inflow Depth = 2.7	79" for 50-Year event
Inflow	=	30.07 cfs @	12.78 hrs, Volume	= 6.192 af	
Primary	=	30.07 cfs @	12.78 hrs, Volume	= 6.192 af,	Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs



Link 29L: (new Link)

Exisisting 003

14.54 cfs @ 12.22 hrs, Volume= Runoff = Routed to Link 29L : (new Link)

1.334 af, Depth= 3.99"

Exisisting 003

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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	Desc	cription		
	0.	891	60	Woo	ds, Fair, F	ISG B	
	2.	526	70	Woo	ds, Good,	HSG C	
*	0.	205	40	Mea	dow, non-g	grazed, HS	GA
*	0.	395	40	Woo	ds, Good,	HSG A	
	4.	017	63	Weig	ghted Aver	age	
4.017			100.	00% Pervi	ous Area		
	Тс	Lengtl	า	Slope	Velocity	Capacity	Description
_	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
	17.9	150	0 C	.0700	0.14		Sheet Flow, SEG 1
							Woods: Light underbrush n= 0.400 P2= 3.23"
	9.6	563	30	.0380	0.97		Shallow Concentrated Flow, SEG 2
							Woodland Kv= 5.0 fps
	-						

27.5 713 Total



Runoff = 37.02 cfs @ 12.81 hrs, Volume= 6.847 af, Depth= 3.64" Routed to Link 29L : (new Link)

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) C	N Dese	cription		
	22.	596 6	0 Woo	ds, Fair, F	ISG B	
22.596 100.00% Pervious Area						
	Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
	39.0	150	0.0100	0.06		Sheet Flow, SEG 1
	8.9	386	0.0210	0.72		Woods: Light underbrush n= 0.400 P2= 3.23" Shallow Concentrated Flow, SEG 2 Woodland Ky= 5.0 fps
	14.2	331	0.0060	0.39		Shallow Concentrated Flow, SEG 3
	10.4	382	0.0150	0.61		Woodland Kv= 5.0 fps Shallow Concentrated Flow, SEG 4 Woodland Kv= 5.0 fps

72.5 1,249 Total



Summary for Link 29L: (new Link)

Exisisting 003

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Inflow A	Area	a =	26.613 ac,	0.00% Impervious,	Inflow Depth = 3	3.69" for 100-Year event
Inflow		=	40.54 cfs @	12.77 hrs, Volume	= 8.181 a	ſ
Primar	у	=	40.54 cfs @	12.77 hrs, Volume	= 8.181 a	f, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-72.00 hrs, dt= 0.05 hrs



Link 29L: (new Link)