
**Hunt Brothers Pizza / Seedtime &
Harvest**
2018 New Facility

Watershed B
Proposed Conditions

John W. Hunt, PE, PLS

MLH Civil Engineers, PLLC
3320 Clays Mill Road, Suite #208
PO Box 910379
Lexington, KY 40591-0379

Phone: 859-219-1066
Email: john@mlhcivil.com

General Information

Storm Information:

Storm Type:	NRCS Type II
Design Storm:	10 yr - 1 hr
Rainfall Depth:	2.000 inches

Structure Networking:

Type	Stru #	(flows into)	Stru #	Musk. K (hrs)	Musk. X	Description
Null	#1	==>	End	0.000	0.000	

#1 Null

Structure Summary:

	Immediate Contributing Area (ac)	Total Contributing Area (ac)	Peak Discharge (cfs)	Total Runoff Volume (ac-ft)
#1	9.980	9.980	7.47	0.23

Structure Detail:

Structure #1 (Null)

Subwatershed Hydrology Detail:

Stru #	SWS #	SWS Area (ac)	Time of Conc (hrs)	Musk K (hrs)	Musk X	Curve Number	UHS	Peak Discharge (cfs)	Runoff Volume (ac-ft)
#1	1	0.940	0.100	0.000	0.000	98.000	M	3.14	0.137
	2	1.250	0.100	0.000	0.000	74.000	M	1.54	0.035
	3	7.680	0.100	0.000	0.000	61.000	M	2.41	0.043
	4	0.110	0.100	0.000	0.000	98.000	M	0.37	0.016
	Σ	9.980						7.47	0.230

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General Information

Storm Information:

Storm Type:	NRCS Type II
Design Storm:	25 yr - 24 hr
Rainfall Depth:	5.000 inches

Structure Networking:

Type	Stru #	(flows into)	Stru #	Musk. K (hrs)	Musk. X	Description
Null	#1	==>	End	0.000	0.000	

#1 Null

Structure Summary:

	Immediate Contributing Area (ac)	Total Contributing Area (ac)	Peak Discharge (cfs)	Total Runoff Volume (ac-ft)
#1	9.980	9.980	19.27	1.53

Structure Detail:

Structure #1 (Null)

Subwatershed Hydrology Detail:

Stru #	SWS #	SWS Area (ac)	Time of Conc (hrs)	Musk K (hrs)	Musk X	Curve Number	UHS	Peak Discharge (cfs)	Runoff Volume (ac-ft)
#1	1	0.940	0.100	0.000	0.000	98.000	M	3.59	0.373
	2	1.250	0.100	0.000	0.000	74.000	M	3.16	0.246
	3	7.680	0.100	0.000	0.000	61.000	M	12.10	0.875
	4	0.110	0.100	0.000	0.000	98.000	M	0.42	0.037
	Σ	9.980						19.27	1.530

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General Information

Storm Information:

Storm Type:	NRCS Type II
Design Storm:	100 yr - 1 hr
Rainfall Depth:	2.800 inches

Structure Networking:

Type	Stru #	(flows into)	Stru #	Musk. K (hrs)	Musk. X	Description
Null	#1	==>	End	0.000	0.000	

#1
Null

Structure Summary:

	Immediate Contributing Area (ac)	Total Contributing Area (ac)	Peak Discharge (cfs)	Total Runoff Volume (ac-ft)
#1	9.980	9.980	16.88	0.48

Structure Detail:

Structure #1 (Null)

Subwatershed Hydrology Detail:

Stru #	SWS #	SWS Area (ac)	Time of Conc (hrs)	Musk K (hrs)	Musk X	Curve Number	UHS	Peak Discharge (cfs)	Runoff Volume (ac-ft)
#1	1	0.940	0.100	0.000	0.000	98.000	M	4.43	0.198
	2	1.250	0.100	0.000	0.000	74.000	M	3.06	0.079
	3	7.680	0.100	0.000	0.000	61.000	M	8.87	0.177
	4	0.110	0.100	0.000	0.000	98.000	M	0.52	0.023
	Σ	9.980						16.88	0.477

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General Information

Storm Information:

Storm Type:	NRCS Type II
Design Storm:	100 yr - 24 hr
Rainfall Depth:	6.000 inches

Structure Networking:

Type	Stru #	(flows into)	Stru #	Musk. K (hrs)	Musk. X	Description
Null	#1	==>	End	0.000	0.000	

#1 Null

Structure Summary:

	Immediate Contributing Area (ac)	Total Contributing Area (ac)	Peak Discharge (cfs)	Total Runoff Volume (ac-ft)
#1	9.980	9.980	26.36	2.11

Structure Detail:

Structure #1 (Null)

Subwatershed Hydrology Detail:

Stru #	SWS #	SWS Area (ac)	Time of Conc (hrs)	Musk K (hrs)	Musk X	Curve Number	UHS	Peak Discharge (cfs)	Runoff Volume (ac-ft)
#1	1	0.940	0.100	0.000	0.000	98.000	M	4.31	0.451
	2	1.250	0.100	0.000	0.000	74.000	M	4.15	0.331
	3	7.680	0.100	0.000	0.000	61.000	M	17.40	1.282
	4	0.110	0.100	0.000	0.000	98.000	M	0.50	0.047
	Σ	9.980						26.36	2.111