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

Watershed B
Existing 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	12.050	12.050	7.48	0.21

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	0.740	0.100	0.000	0.000	98.000	M	2.48	0.107
	2	1.580	0.100	0.000	0.000	74.000	M	1.95	0.044
	3	9.730	0.100	0.000	0.000	61.000	M	3.05	0.054
	Σ	12.050						7.48	0.206

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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	12.050	12.050	22.16	1.71

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	0.740	0.100	0.000	0.000	98.000	M	2.82	0.293
	2	1.580	0.100	0.000	0.000	74.000	M	4.00	0.311
	3	9.730	0.100	0.000	0.000	61.000	M	15.34	1.109
	Σ	12.050						22.16	1.713

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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	12.050	12.050	18.59	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	0.740	0.100	0.000	0.000	98.000	M	3.49	0.156
	2	1.580	0.100	0.000	0.000	74.000	M	3.86	0.100
	3	9.730	0.100	0.000	0.000	61.000	M	11.24	0.225
	Σ	12.050						18.59	0.480

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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	12.050	12.050	30.68	2.40

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	0.740	0.100	0.000	0.000	98.000	M	3.39	0.355
	2	1.580	0.100	0.000	0.000	74.000	M	5.25	0.419
	3	9.730	0.100	0.000	0.000	61.000	M	22.04	1.624
	Σ	12.050						30.68	2.398