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

***Watershed A***  
***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
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***Structure Summary:***

	Immediate Contributing Area (ac)	Total Contributing Area (ac)	Peak Discharge (cfs)	Total Runoff Volume (ac-ft)
#1	24.699	24.699	5.14	0.24

***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	0.459	0.162	0.000	0.000	98.000	M	1.12	0.055
	2	3.390	0.162	0.000	0.000	74.000	M	2.06	0.080
	3	20.850	0.162	0.000	0.000	61.000	M	2.16	0.103
	<b>Σ</b>	<b>24.699</b>						<b>5.14</b>	<b>0.239</b>

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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	24.699	24.699	27.18	2.62

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***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	0.459	0.162	0.000	0.000	98.000	M	1.33	0.147
	2	3.390	0.162	0.000	0.000	74.000	M	5.77	0.543
	3	20.850	0.162	0.000	0.000	61.000	M	20.12	1.933
	<b>Σ</b>	<b>24.699</b>						<b>27.18</b>	<b>2.623</b>

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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	24.699	24.699	16.21	0.67



***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	0.459	0.162	0.000	0.000	98.000	M	1.59	0.080
	2	3.390	0.162	0.000	0.000	74.000	M	4.54	0.180
	3	20.850	0.162	0.000	0.000	61.000	M	10.57	0.413
	<b>Σ</b>	<b>24.699</b>						<b>16.21</b>	<b>0.673</b>

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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
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***Structure Summary:***

	Immediate Contributing Area (ac)	Total Contributing Area (ac)	Peak Discharge (cfs)	Total Runoff Volume (ac-ft)
#1	24.699	24.699	39.29	3.74

***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	0.459	0.162	0.000	0.000	98.000	M	1.60	0.179
	2	3.390	0.162	0.000	0.000	74.000	M	7.71	0.731
	3	20.850	0.162	0.000	0.000	61.000	M	30.02	2.832
	<b>Σ</b>	<b>24.699</b>						<b>39.29</b>	<b>3.741</b>