

Quick TR-55 Version: 5.46 S/N:

Return Frequency: 1 year

TR-55 TABULAR HYDROGRAPH METHOD
Type II. Distribution
(24 hr. Duration Storm)

Executed: 07-11-2013 05:25:48

Watershed file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7 .MOP

Hydrograph file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7001.HYD

Carriage Hill
Section 7
Bypass Retention / Detention

>>>> Input Parameters Used to Compute Hydrograph <<<<

Subarea Description	AREA (acres)	CN	Tc (hrs)	* Tt (hrs)	Precip. (in)	Runoff (in)	Ia/p input/used
	8.00	75.0	0.30	0.00	2.50	0.65	1.27 .27

* Travel time from subarea outfall to composite watershed outfall point.
I -- Subarea where user specified interpolation between Ia/p tables.

Total area = 8.00 acres or 0.01250 sq.mi
Peak discharge = 5 cfs

>>>> Summary of Subarea Times to Peak <<<<

Subarea	Peak Discharge at Composite Outfall (cfs)	Time to Peak at Composite Outfall (hrs)
	5	12.3
Composite Watershed	5	12.3

Quick TR-55 Version: 5.46 S/N:

Return Frequency: 10 years

TR-55 TABULAR HYDROGRAPH METHOD
Type II. Distribution
(24 hr. Duration Storm)

Executed: 07-11-2013 05:25:48

Watershed file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7 .MOP

Hydrograph file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7010.HYD

Carriage Hill
Section 7
Bypass Retention / Detention

>>>> Input Parameters Used to Compute Hydrograph <<<<

Subarea Description	AREA (acres)	CN	Tc (hrs)	* Tt (hrs)	Precip. (in)	Runoff (in)	Ia/p input/used
	8.00	75.0	0.30	0.00	4.10	1.74	1.16 .16

* Travel time from subarea outfall to composite watershed outfall point.

I -- Subarea where user specified interpolation between Ia/p tables.

Total area = 8.00 acres or 0.01250 sq.mi

Peak discharge = 14 cfs

>>>> Summary of Subarea Times to Peak <<<<

Subarea	Peak Discharge at Composite Outfall (cfs)	Time to Peak at Composite Outfall (hrs)
	14	12.2
Composite Watershed	14	12.2

Quick TR-55 Version: 5.46 S/N:

Return Frequency: 25 years

TR-55 TABULAR HYDROGRAPH METHOD
Type II. Distribution
(24 hr. Duration Storm)

Executed: 07-11-2013 05:25:48

Watershed file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7 .MOP

Hydrograph file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7025.HYD

Carriage Hill
Section 7
Bypass Retention / Detention

>>>> Input Parameters Used to Compute Hydrograph <<<<

Subarea Description	AREA (acres)	CN	Tc (hrs)	* Tt (hrs)	Precip. (in)	Runoff (in)	Ia/p input/used
	8.00	75.0	0.30	0.00	4.70	2.21	I.14 .14

* Travel time from subarea outfall to composite watershed outfall point.

I -- Subarea where user specified interpolation between Ia/p tables.

Total area = 8.00 acres or 0.01250 sq.mi

Peak discharge = 18 cfs

>>>> Summary of Subarea Times to Peak <<<<

Subarea	Peak Discharge at Composite Outfall (cfs)	Time to Peak at Composite Outfall (hrs)
	18	12.2
Composite Watershed	18	12.2

Quick TR-55 Version: 5.46 S/N:

Return Frequency: 50 years

TR-55 TABULAR HYDROGRAPH METHOD
Type II. Distribution
(24 hr. Duration Storm)

Executed: 07-11-2013 05:25:48
Watershed file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7 .MOP
Hydrograph file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7050.HYD

Carriage Hill
Section 7
Bypass Retention / Detention

>>>> Input Parameters Used to Compute Hydrograph <<<<

Subarea Description	AREA (acres)	CN	Tc (hrs)	* Tt (hrs)	Precip. (in)	Runoff (in)	Ia/p input/used
	8.00	75.0	0.30	0.00	5.20	2.61	I.13 .13

* Travel time from subarea outfall to composite watershed outfall point.
I -- Subarea where user specified interpolation between Ia/p tables.

Total area = 8.00 acres or 0.01250 sq.mi
Peak discharge = 22 cfs

>>>> Summary of Subarea Times to Peak <<<<

Subarea	Peak Discharge at Composite Outfall (cfs)	Time to Peak at Composite Outfall (hrs)
	22	12.3
Composite Watershed	22	12.3

TR-55 TABULAR HYDROGRAPH METHOD
 Type II. Distribution
 (24 hr. Duration Storm)

Executed: 07-11-2013 05:25:48

Watershed file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7 .MOP

Hydrograph file: --> K:\04000\04476\0447601\PRJ\PONDPACK\BYP7100.HYD

Carriage Hill
 Section 7
 Bypass Retention / Detention

>>>> Input Parameters Used to Compute Hydrograph <<<<

Subarea Description	AREA (acres)	CN	Tc (hrs)	* Tt (hrs)	Precip. (in)	Runoff (in)	Ia/p input/used
	8.00	75.0	0.30	0.00	5.80	3.11	I.11 .11

* Travel time from subarea outfall to composite watershed outfall point.

I -- Subarea where user specified interpolation between Ia/p tables.

Total area = 8.00 acres or 0.01250 sq.mi

Peak discharge = 26 cfs

>>>> Summary of Subarea Times to Peak <<<<

Subarea	Peak Discharge at Composite Outfall (cfs)	Time to Peak at Composite Outfall (hrs)
	26	12.2
Composite Watershed	26	12.2