

DavisMoore Exist 25yr

KS-Sedgwick County 25-Year Duration=46 min, Inten=3.46 in/hr

Prepared by {enter your company name here}

HydroCAD® 8.00 s/n 004737 © 2006 HydroCAD Software Solutions LLC

Subcatchment 25 Year: Existing 25 Year Davis Moore

Runoff = 55.57 cfs @ 0.76 hrs, Volume= 3.530 af, Depth= 1.41"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-4.00 hrs, dt= 0.01 hrs
 KS-Sedgwick County 25-Year Duration=46 min, Inten=3.46 in/hr

Area (ac)	C	Description
30.096	0.53	D Soil with <1.0%
30.096	0.53	Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
15.9	200		0.21		Direct Entry, Surface
29.9	1,050	0.0070	0.59		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
45.8	1,250	Total			

Subcatchment 25 Year: Existing 25 Year Davis Moore

Hydrograph

