

Beaver Creek Fall Parameters				
Sub-basin	Parameter		Value	Units
Timberlost	Area		51.57	(km <sup>2</sup> )
	Simple Canopy	Initial Storage	20	%
		Maximum Storage	0.51	cm
	Simple Surface	Initial Storage	90	%
		Maximum Storage	0.51	cm
	SCS Loss Method	SCS Curve #	65	
		Impervious %	2	%
	SCS Unit Hydrograph Transform	Lag Time	700	Min
Ootka	Area		26.91	(km <sup>2</sup> )
	Simple Canopy	Initial Storage	60	%
		Maximum Storage	0.51	cm
	Simple Surface	Initial Storage	25	%
		Maximum Storage	2.54	cm
	SCS Loss Method	SCS Curve #	65	
		Impervious %	2	%
	SCS Unit Hydrograph Transform	Lag Time	600	Min
Beaver	Area		29.58	(km <sup>2</sup> )
	Simple Canopy	Initial Storage	10	%
		Maximum Storage	0.51	cm
	Simple Surface	Initial Storage	40	%
		Maximum Storage	2.54	cm
	SCS Loss Method	SCS Curve #	65	
		Impervious %	5	%
	SCS Unit Hydrograph Transform	Lag Time	400	Min
Beaver Creek	Area		68.48	(km <sup>2</sup> )
	Simple Canopy	Initial Storage	10	%
		Maximum Storage	1.02	cm
	Simple Surface	Initial Storage	60	%
		Maximum Storage	1.19	cm
	SCS Loss Method	SCS Curve #	65	
		Impervious %	12	%
	SCS Unit Hydrograph Transform	Lag Time	3500	Min
Basin Reaches				
Reach Name	Length (m)	Slope	Manning's N	Rectangular Channel Width (m)
Reach 1	2847.44	0.003	0.08	3.42
Reach 2	14334.13	0.0003	0.08	4.79
Reach 3	854.66	0.003	0.08	2.01
Reach 4	3685.34	0.003	0.08	1.69
Reach 5	1385.32	0.0041	0.076	3.37