

**Flow Calc Project
Irregular Channel - 1**

Input Parameters - English Units			Output Parameters - English Units		
Manning N Weighted	0.0162		Manning N Weighted	0.0162	
Manning N Method	Horton Method		Channel Slope	0.00500	ft/ft
Channel Slope	0.00500	ft/ft	Normal Depth	0.71	ft
Normal Depth	0.71	ft	Discharge	50.00	cfs
Discharge	50.00	cfs	Water Surface Elevation	0.71	ft
Solved for Normal Depth			Flow Area	18.58	sqft

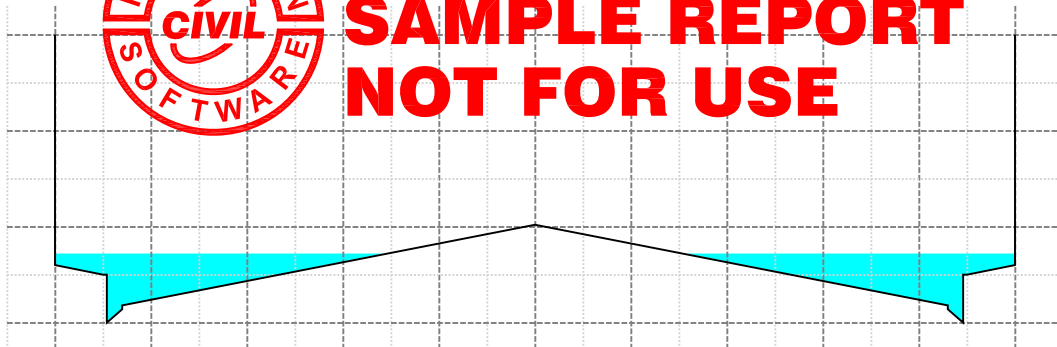
Channel Geometry - English Units		
Station (ft)	Elevation (ft)	Start Friction
0+00.000	3.000	0.013
0+00.000	0.600	0.013
0+05.000	0.500	0.013
0+05.500	0.500	0.013
0+05.500	0.000	0.013
0+07.000	0.130	0.017
0+07.000	0.170	0.017
0+50.000	1.030	0.017
0+93.000	0.170	0.017
0+93.000	0.130	0.013
0+94.500	0.000	0.013
0+94.500	0.500	0.013
0+95.000	0.500	0.013
1+00.000	0.600	0.013
1+00.000	3.000	0.013

Wetted Perimeter	69.70	ft
Top Width	68.37	ft
Critical Depth	0.69	ft
Critical Slope	0.00611	ft/ft
Velocity	2.69	ft/s
Velocity Head	0.11	ft
Specific Energy	0.83	ft
Froude Number	0.910	
Velocity X Depth Product	1.92	sqft/s
Flow Type	Sub-Critical	
Turbulent Flow	Yes	



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**SAMPLE REPORT
NOT FOR USE**



Horizontal Scale: 1"=20 ft Vertical Scale: 1"=2 ft