

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
Pipe Segment CB to CB	Q (cfs)	Length (ft)	Pipe Size	Orn ^o Value	Outlet Elev (ft)	Inlet Elev (ft)	Barrel Area (sq. ft)	Barrel Vel (fps)	Barrel Head (ft)	TW Elev (ft)	Fric- tion Loss (ft)	Entr HGL Elev (ft)	Entr Head Loss (ft)	Exit Head Loss (ft)	Outlet Entri Elev (ft)	Inlet Entri Elev (ft)	Appr Vel Head (ft)	Bend Head Loss (ft)	Junic Head Loss (ft)	HW Elev (ft)	



Figure F.4. Backwater Calculation Sheet