

PCSWMM Input Parameters Summary
Manning's N = 0.013
Energy Loss Coefficient = 0.15
Orifice Discharge Coefficient = 0.6

The storm drain system is assumed to be Reinforced Concrete Pipe (RCP) and modeled with a Manning's "n" value of 0.013. Albuquerque's DPM uses headloss factors of 0.1 to 0.2 times the difference in velocity for pipe transitions. It uses a factor of 0.05 times the velocity head for a manhole. For this study, with a dynamic model the velocities are constantly changing and the direction of flow changes in several locations within the model. For this reason a headloss factor of 0.15 was used consistently throughout the model to account for entry, exit, and average losses.