

**Diversion Manhole Sizing**

From HydroCAD: 12" RCP, n = 0.013, L = 195', S = 0.0054

Pipe Capacity = 2.61 cfs  
 Inflow from "The Village" = 1.07cfs  
 Used 1.10 cfs

Sizing of Overflow Structure in DMH # 3			
<b>Peak Discharge</b>	1.1	cfs	
C=	0.75		
A=	0.29	ft <sup>2</sup>	
g=	62.40	ft/s <sup>2</sup>	
h=	0.20	ft	
	2.40	in	
r=	0.30	ft	
	3.62	in	
d=	7.24	in	
use	8.00	in	

