

Project Name: BMC Paint Shop
Project No.: 300038684
Location: Sixth Line, Collingwood, ON
Created By: A. van Niekerk
Checked By: C. Scobie
Date Created: 7-Jun-2016
Date Modified: 6/8/2016



CHANNEL NAME

Mannings' Equation		Trapezoidal Channel	
Flow Depth (m) =	0.15	Top Width	0.9 m
Left Side Slope Ratio (H:V) =	3.0 : 1		
Right Side Slope Ratio (H:V) =	3.0 : 1		
Bed Width (m) =	0.00	Hydraulic Radius 'R'	0.07 m
Area (m ²) =	0.07	Friction Slope 'Sf'	0.0050 m/m
Wetted Perimeter (m) =	0.95	Velocity	0.24 m/s
Slope (%) =	0.50		
Manning 'n' =	0.050		
Channel Capacity, Q (m ³ /s) =	0.02		

