

# Channel Report

## AMBERFIELD HW 1/1 100 YEAR OVERLAND FLOW CROSS SECTION

### User-defined

Invert Elev (m) = 37.2270  
 Slope (%) = 1.0550  
 N-Value = 0.013

### Highlighted

Depth (m) = 0.2530  
 Q (cms) = 1.8000  
 Area (sqm) = 1.0482  
 Velocity (m/s) = 1.7173  
 Wetted Perim (m) = 10.0192  
 Crit Depth, Yc (m) = 0.2987  
 Top Width (m) = 9.7817  
 EGL (m) = 0.4034

### Calculations

Compute by: Known Q  
 Known Q (cms) = 1.8000

### (Sta, El, n)-(Sta, El, n)...

(0.0000, 37.6070)-(2.9280, 37.5320, 0.013)-(2.9380, 37.3820, 0.013)-(3.2380, 37.4110, 0.013)-(8.2430, 37.2560, 0.013)-(8.5430, 37.2270, 0.013)-(8.5530, 37.3...  
 -(13.3940, 37.4970, 0.013)

