

Channel Report

Project filename: SE Bushnell - Pine Ridge 2 Channel Section.stx

Studio Express by Hydrology Studio v 1.0.0.9

05-03-2021

Channel - 52 Pine Ridge

Channel 1

USER-DEFINED

Total Depth = 6.00 ft
Invert Elevation = 334.00 ft
Channel Slope = 0.022 %
Manning's n = Composite

DISCHARGE

Method = Known Q
Known Q = 64.50 cfs

CALCULATION SAMPLE

Flow	Depth	Area	Velocity	WP	n-value	Crit Depth	HGL	EGL	Max Shear	Top Width
(cfs)	(ft)	(sqft)	(ft/s)	(ft)	Composite	(ft)	(ft)	(ft)	(lb/sqft)	(ft)
64.50	1.80	124.14	0.52	102.07	0.048	0.48	335.80	335.80	0.02	101.97

