

1340

07/30/2019

Delaney Creek Site Visit and Discharge Measurement

ADV

[MW, BMa
RH, JL, Dyla]

← Site Assessment

Site File: DELOO

Operator: BMa — Notes: MW

LEW: 4.9 ft (start point)

Start time: 1348

Interval: 2 ft

TD₁: 10 - 2.57 ft = 7.43 ft

REW: 26.4 ft (end) @ 1355

End time: 1412

TD₂: 10 - 2.56 ft = 7.44 ft @

Notes: 2 photos taken

Frequent high velocity angle error → rocky bed

Parameters

Q_T = 9.820 cfsA = 12.534 ft²Q_R = 0d_{mean} = 0.59 ftQ_{uncert} = 15.9%d_{max} = 0.9 ft

← greatest source velocity = 14%

SNR_{mean} = 37 dB

Stations: 13

σV_{mean} = 0.051 ft/sV_{mean} = 0.783 ft/s

T = 56.8°F

V_{max} = 1.688 ft/s

w = 21.249 ft

Return to River