

08/01/2019

Dana Fk @ Bug

ADV Discharge 1311

DR, MW

ADV

Site name : Dana Bug

Operator : DR

LEW : 6.1 ft

REW : 40 ft

Interval : 3 ft

TD : 10 - 1.45 ft = 8.55 ft @ 1327

Start time : 1323

Gage station

poured
out

- Container w/ optical reader was full of water

- Could not read datalogger

- Replaced desiccant

- * Program status light turned off

possibly due to loose wiring?

↳ Turns on and off as the door opens and closes.

- Battery light also going on and off

- Too much wire in box / box is too small

ADV cont. - parameters

$$Q_r = 42.157 \text{ cfs}$$

$$Q_R = 0$$

$$Uncert = 9.6\%$$

$$\text{greatest source error} = \text{velocity @ } 8\%$$

* Slow flow

Stations: 12

$$V_{\text{mean}} = 0.822 \text{ ft/s}$$

$$V_{\text{max}} = 1.301 \text{ ft/s}$$

$$w = 33 \text{ ft}$$

$$A = 51.299 \text{ ft}^2$$

$$d_{\text{mean}} = 1.55 \text{ ft}$$

$$d_{\text{max}} = 2.3 \text{ ft}$$

$$SNL = 23.9 \text{ dB}$$

$$\sigma V_{\text{mean}} = 0.031 \text{ ft/s}$$

$$T = 56.3^\circ \text{F}$$

End time: 1352

$$TD_2 = 10 - 1.46 = 8.54 \text{ ft @ } 1354$$