

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION

Meas. No. 25

DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES

Comp. by AguCalc
trans 1

Checked by _____

Sta. No. _____
Sta. Name Von Guerard at F6
Date Dec. 26, 2001 Party JD Wheeler (M), LP Turner
Width 7.20 Area 1.69 Vel. 0.89 G.H. _____ Disch. 1.51
Method .6 No. secs. 14 G.H. change +0.02 in 0.5 hrs.
Method coef. 1.0 Horiz. angle coef. 1.0 Susp. ROD Tags checked _____
Meter Type Dygray Meter No. 8009223 Meter _____ ft. above bottom of wt.
Rating used 6/99 Spin test before meas. 1'19"; after O.k.
Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					
Time				Inside	Outside
<u>2130</u>				<u>0.95</u>	<u>1.14</u> TD
<u>2140</u>	Start				<u>1.18</u> OG
<u>2158</u>	Finish				
<u>2200</u>				<u>0.97</u>	<u>1.13</u> TD
Weighted MGH					<u>1.19</u> OG
GH correction					
Correct MGH					

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated _____

Weather: Clear, breezy, sunny

Air Temp. _____ °C at _____

Water Temp. 10.2 °C at 2130

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading cable, ice, boat, upstr., downstr., side bridge, 8 ft. mi. upstr. Control downstr. of gage.

Measurement rated excellent (2%), good (5%), Fair (8%), poor (> 8%); based on following conditions: Flow: even flow lines - regular

Cross section: sand, fine gravel, deltaic sediment

Gage operating: YES, GOOD Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1900, Line 10; Bubble-rate 60 /min.

Extreme-GH indicators: max _____, min _____

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: Clear

Remarks: CR-10 WT=10.2°C @ 2130 → RISING STAGE noticed @ 2100

Field: 188.3 mSL, 9.3°C

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

U.S. DEPARTMENT OF THE INTERIOR
Geological Survey
Water Resources Division

Date... Dec 26, 2001

MISCELLANEOUS FIELD NOTES

V. K. GUERRA @ F6

CJ

• Flowing

#6 @ 1815

stage: .70

TD: 1.38

$(2.32 - 1.38 = 0.94)$
OL = 0.94 g

AT: 13.2

WT: 8.8

v: 14.5

Stream Chem @ 1815