

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES

Meas. No. _____
 Comp. by _____
 Checked by _____

Sta. No. 00000002
 Sta. Name Huey Creek
 Date 1/15/08, 20 Party URM/AMS/LFS
 Width _____ Area _____ Vel. _____ G.H. _____ Disch. .011 cfs
 Method _____ No. secs. _____ G.H. change _____ in _____ hrs.
 Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
 Meter Type portable flume Meter No. _____ Meter _____ ft. above bottom of wt.
 Rating used _____ Spin test before meas. _____, after _____
 Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					
Time		flume		Inside	Outside
1156				1.07	.04
	Start				
1203		.05			
1206				1.06	.04
	Finish				
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality, sediment, biological, other _____
 Measurements documented on separate sheets: water quality, aux./base gage, other 1205
pH-8.11 SC-149.5
 Rain gage serviced/calibrated _____
 Weather: sunny + breezy
 Air Temp. _____ °C at _____
 Water Temp. 6.2 °C at 1205
 Check bar/chain found _____
 Changed to _____ at _____
 Correct _____

Wading, cable, ice, boat, upstr, downstr, side bridge, 50 (ft) mi. upstr., downstr. of gage.
 Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: _____
 Cross section: small pebbles/rocks narrow channel

Gage operating: yes Record Removed _____
 Battery voltage: 13.65 Intake/Orifice cleaned/purged: _____
 Bubble-gage pressure, psi: Tank 4100, Line 10; Bubble-rate 20 /min.
 Extreme-GH indicators: max _____, min _____
 CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
 HWM inside/outside: _____
 Control: _____

Remarks: 1158 *6 1.06 AT 10.39
WT 4.78 BY 13.65

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