

# SITE VISIT NOTES

Miers Lake Outlet

04 January 2013

• ANW + TIC arrive @ 1115, flowing!

• WQ sample @ 1130

• Q meas w/ Flow Tracker.

START REW @ 1135

END LEW @ 1213

Q = 4.44 see Q notes for details

• ANW also deployed a Gooseff level logger @ SITE, and logger also deployed.

Remarks:

depth at control



## U.S. DEPARTMENT OF THE INTERIOR

U.S. Geological Survey

WATER RESOURCES DIVISION  
DISCHARGE MEASUREMENT AND  
GAGE INSPECTION NOTES

Meas. No. \_\_\_\_\_

Comp. by ANW

Checked by ANW

Sta. No. \_\_\_\_\_

Sta. Name Miers Lake Outlet Stream

Date \_\_\_\_\_, 20\_\_\_\_ Party \_\_\_\_\_

Width 14.0 Area 6.24 Vel. 0.71 G. H. - Disch. 4.44 cfs

Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.

Method coef. \_\_\_\_\_ Horiz. angle coef. \_\_\_\_\_ Susp. \_\_\_\_\_ Tags checked \_\_\_\_\_

Meter Type Flow Tracker - 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

GAGE READINGS						Inside	Outside
Time							
183	Start						
		No GAGE @ SITE					
1213	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 \_\_\_\_\_

Rain gage serviced/calibrated \_\_\_\_

Weather: \_\_\_\_\_

Air Temp. \_\_\_\_\_ °C at \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C at \_\_\_\_\_

Check bar/chain found \_\_\_\_\_

Changed to \_\_\_\_\_ at \_\_\_\_\_

Correct \_\_\_\_\_

Nading, cable, ice, boat, upstr., downstr., side bridge, \_\_\_\_\_ ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following

conditions: Flow:

Cross section : sand and small cobble substrate

Gage operating: \_\_\_\_\_ Record Removed \_\_\_\_\_

Battery voltage: \_\_\_\_\_ Intake/Orifice cleaned/purged: \_\_\_\_\_

Bubble-gage pressure, psi: Tank \_\_\_\_\_, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min.

Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_.

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_

Control: \_\_\_\_\_

Remarks: \_\_\_\_\_

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

Sheet No. 1 of 1 sheet