Form 9-275G
(Sep. 2000)

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

Meas. No. 1

Comp. by DNC

Checked by _____

Sta. No. _____

Sta. Name Lower Ash Aiken

Date 12-11 , 2017 Party Devin Castendyk + Adam W.

Width _____ Area _____ Vel. _____ G. H. 0.60 Disch. _____

Method Flow Tracker 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						
Time					Inside	Outside
12:57	Start			Stage	1.69	0.60
				Temp.	2.7	2.7
				S.Con	74.8	74.8
				A.Temp	2.35	
				B.Volt	13.66	
1:14	Finish					
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: (water quality), sediment, biological, other _____
DOC

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

Rain gage serviced/calibrated ___

Weather: Overcast w/Snow Flurries

Air Temp. Cold 2.35 °C at 12:57

Water Temp: Damn cold 2.7 °C at 12:57

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, 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 : _____

Gage operating: _____ Record Removed _____

Battery voltage: 13.66 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1800 , Line 8 ; Bubble-rate 50 /min.

Extreme-GH indicators: max _____ , min _____ .

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

HWM inside/outside: _____

Control: _____

Remarks: Over Flow Rebuilt due to 3 Sandbags downstream and Very high Flow.

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

GPO U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026

Sheet No. 1 of 1 sheets

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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 _____

Sta. No. _____

Sta. Name Aiken @ F5 (lower site)

Date 11 Dec , 20 12 Party ANW, DC

Width 18.0 Area 2.596 Vel. 0.589 G. H. _____ Disch. 1.529

Method _____ No. secs. _____ G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type FlowTracker 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					Inside	Outside
1326	Start					
1328					1.73	0.64
1420	Finish					
1422					1.76	0.64
Weighted MGH						
GH correction						
Correct MGH						

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

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

Rain gage serviced/calibrated ___

Weather: _____

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, 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 : upstream of gage box, shallow and wide w/ uniform 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: FlowTracker used see files for great details. Brave yoself - shits exciting

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

U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026

Sheet No. 1 of 1 sheets

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

Form 9-276
(July 1967)

STATION NUMBER .....

LEVEL NOTES

STREAM Aiken @ F5 (Lower gauge)
LOCALITY
PARTY ANW, DC DATE 11 Dec , 19 2012

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
*arrive	w/DC	@ 1245	overcast	and cold	
*flows	!	evidence of	recent high flows.		
*previous	high flows	ripped up overflow			
spillway	- photo	documented			
*repaired spillway	by	replacing sandbags			
over	tarp.				
*CR10X	↔	keypad @	1259	, date and time O.K	
*10 @ 1300		outside @	1257		
stage	1.676	0.6	staff	plate reading.	
WT	2.64	2.7	°c		
cond	74.95	74.8	uS		
AT	2.14	—			
BV	13.69	—			
WQ	sampled @	1310	by ANW	US of gage	
	SCm	75 uS/cm			
	Tm	2.8 °C			
*FlowTracker		Q measurement	by ANW		
-	see	Q notes for details			
*N2 @	1900				
*packing	up @	1430			

NO. 1 OF 1 SHEETS COMP. BY ANW CHK. BY