

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. CIA

Comp. by HRH

Sta. No. DISCHARGE MEASUREMENT NOTES

Checked by

Commonwealth Stream

Date 11/30 1993 Party HRH-PBV Width 2.35 Area 0.302 Vel. 0.508 G.H. 8.35 Disch. 0.15 cfs Method 0.6 No. secs. 8 G.H. change +0.04 in 114 hrs. Susp. Rod Method coef. Hor. angle coef. 1.0 Susp. coef. Meter No. Date rated Used rating for rod susp. Meter above bottom of wt. Tags checked Spin before meas. Wading, cable, ice, boat, upstr., downstr., side bridge 10 feet, mile, above, below gage. Levels obtained 110

BASE GAGE READINGS

Table with columns: Time, RP2, Recorder, Inside, Outside. Rows include times 1448 and 1504 with corresponding recorder readings (8.33, 8.37) and a weighted M.G.H. of 8.35.

AUX. GAGE READINGS

Table with columns: Time, Recorder, Inside, Outside. Includes rows for Weighted M.G.H., G.H. correction, and Correct M.G.H.

Check-bar, chain found changed to at Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section Sand, gravel, good Flow even Weather calm Other Gage Not operating Air Water Record removed NO Intake flushed

Observer Control leaking under plastic severely Remarks see 2nd meas. this day.



9-275-H  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

Meas. No. CIB  
Comp. by HRH  
Checked by \_\_\_\_\_

Sta. No. \_\_\_\_\_ DISCHARGE MEASUREMENT NOTES

Commonwealth stream

Date 11/30, 1993 Party HRH-PBV  
Width 2.4 Area 0.355 Vel. 0.57 G.H. 8.44 Disch. 0.20  
Method 16 No. secs. 8 G.H. change 0.02 in 1/4 hrs. Susp. Red  
Method coef. \_\_\_\_\_ Hor. angle coef. 1.0 Susp. coef. \_\_\_\_\_ Meter No. \_\_\_\_\_  
Date rated \_\_\_\_\_ Used rating for rod \_\_\_\_\_ susp. Meter Pygmy ft.  
above bottom of wt. Tags checked \_\_\_\_\_ Spin before meas.  after   
Meas. plots \_\_\_\_\_ % diff. from \_\_\_\_\_ rating. Wading, cable, ice, boat, upstr., downstr., side  
bridge 10 feet, mile, above, below gage. Levels obtained no

BASE GAGE READINGS

Time	RPZ	Recorder	Inside	Outside
1517	0.86	8.43		
1538	0.84	8.45	8.46	
(OG = 9.29 - RPZ)				
Weighted M.G.H.		8.44		
G.H. correction				
Correct M.G.H.				

AUX. GAGE READINGS

Time	Recorder	Inside	Outside
Weighted M.G.H.			
G.H. correction			
Correct M.G.H.			

Check-bar, chain found \_\_\_\_\_ changed to \_\_\_\_\_ at \_\_\_\_\_  
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section \_\_\_\_\_  
Flow \_\_\_\_\_ Weather calm  
Other \_\_\_\_\_ Air \_\_\_\_\_ ° F. @ \_\_\_\_\_  
Gage \_\_\_\_\_ Water \_\_\_\_\_ ° F. @ \_\_\_\_\_  
Record removed \_\_\_\_\_ Intake flushed

Control Rock weir leaking

Remarks 1st meas. No flow over Rock weir. All flow under.  
2nd meas. A few tenths, 2.20 over the weir. Rest is  
under the weir. Between 1st & 2nd meas. tried to seal leak from  
avail. Need to seal with anoma rawst plastic tunnel fill.  
G.H. of zero flow \_\_\_\_\_ ft. Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets.

Conductance \_\_\_\_\_  
Clarity \_\_\_\_\_  
None available, flow under weir.

