

DISCHARGE MEASUREMENT NOTES

Meas. No. 79
 Sta. No. F1-Canada
 Comp. by _____
 Checked by _____
 Date 1-8-08, 19____ Party NRM, AMS, LFS
 Width _____ Area _____ Vel. _____ G. H. _____ Disch. 406 cfs
 Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
 Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
 Type of meter cutthroat Date rated _____ Tag checked _____
 Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____
 Meas. plots _____ % diff. from _____ rating. Levels obtained _____

GAGE READINGS

Time	Inside	Outside
<u>1145</u>	<u>1.340</u>	<u>.31</u>
<u>1157</u>		<u>.31</u>
<u>portable flume</u>	<u>.31 @</u>	<u>1215</u>
<u>1220</u>	<u>1.321</u>	<u>.30</u>
Weighted M.G.H.		
G.H. correction		
Correct M.G.H.		

WATER QUALITY MEASUREMENTS

No _____ Yes X Time 1200
 pH 8.05 Samples Collected SC 25.9
 No _____ Yes X Time _____
 Method Used _____
 EDI _____ EWI _____ Other X

SEDIMENT SAMPLES

No _____ Yes _____ Time _____
 Method Used _____
 EDI _____ EWI _____ Other _____

BIOLOGICAL SAMPLES

Yes _____ Time _____
 No _____ Type _____

Check bar. chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 20 feet, mile, above, below gage.
 Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on the following cond:

Flow _____
 Cross section wide, sand & rocks, trouble containing flow
 Control minor algae in flume
 Gage operating yes Weather overcast, calm
 Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 7.7 °C @ 1200
 Record removed _____ Extreme Indicator: Max. _____ Min. _____
 Nitrogen Pressure Tank 1700 Feed 11 Bbl rate 32 per min.
 CSG checked _____ Stick reading _____
 Observer _____
 HWM _____ outside, in well _____

Remarks *6 @ 1145 WT 2.5 BV 14.0
SC 24.4
AT 3.9