

**U.S. DEPARTMENT OF THE INTERIOR**  
**U.S. Geological Survey**  
**WATER RESOURCES DIVISION**  
**DISCHARGE MEASUREMENT NOTES**

Sta. No. F7 Harnish

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

Comp. by UIRM

Checked by ✓

Date 1/22/08, 18 Party UIRM/AMS

Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. 204 cfs

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

Method coef. \_\_\_\_\_ Hor. angle coef. \_\_\_\_\_ Susp. coef. \_\_\_\_\_ Meter No. \_\_\_\_\_

Type of meter portable flume Date rated \_\_\_\_\_ Tag checked \_\_\_\_\_

Meter \_\_\_\_\_ ft. above bottom of wt. Spin before meas. \_\_\_\_\_ after \_\_\_\_\_

Meas. plots \_\_\_\_\_ % diff. from \_\_\_\_\_ rating. Levels obtained \_\_\_\_\_

GAGE READINGS					WATER QUALITY MEASUREMENTS		
Time	Flume	Inside		Outside	No	Yes <input checked="" type="checkbox"/>	Time <u>1740</u>
<u>1735</u>		<u>5.83</u>		<u>1.47</u>	<u>pH 6.9</u>		Samples Collected <u>SC-187ms</u>
<u>1750</u>	<u>.22</u>				No	Yes <input checked="" type="checkbox"/>	Time _____
<u>1754</u>		<u>5.83</u>		<u>1.47</u>		Method Used _____	
					EDI _____	EWI _____	Other <u>dip</u>
					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 150 feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow shallow and fast moving

Cross section sandy w/ small pebbles

Control \_\_\_\_\_

Gage operating yes Weather sunny, warm

Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C @ \_\_\_\_\_ Water 10.5 °C @ 1740

Record removed \_\_\_\_\_ Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_

Nitrogen Pressure Tank 1150 psi Feed 10 psi Bbl rate 25 per min.

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks 1731 \*6 5.82 BV 14.3

WT 10.62

SC 150.0

G.H. of zero flow \_\_\_\_\_ ft. Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets