

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

Sta. No. F10 Delta Meas. No. _____
 Date 1/23/08, 18 Party NIRM/AMS Comp. by NIRM
 Width _____ Area _____ Vel. _____ G. H. _____ Disch. 285 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	Inside	flume	Outside	No	Yes <input checked="" type="checkbox"/>	Time <u>1725</u>
<u>1713</u>				<u>PH-7.2</u>		<u>Samples Collected SC-199.2</u>
<u>1715</u>	<u>4.38</u>		<u>1.21</u>	No	Yes <input checked="" type="checkbox"/>	Time _____
<u>1741</u>		<u>.26</u>		EDI _____	EWI _____	Other _____
<u>1746</u>	<u>4.39</u>		<u>1.19</u>	No	Yes _____	Time _____
						<u>Method Used</u>
				EDI _____	EWI _____	Other _____
Weighted M.G.H.				SEDIMENT SAMPLES		
G.H. correction				No _____ Yes _____ Time _____		
Correct M.G.H.				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 60 feet, mile, above, below gage
 Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
 Flow slightly turbulent
 Cross section wide and shallow w/ rocks and pebbles
 Control fabric has some tears, may need to be replaced by next season
 Gage operating fabric Weather cloudy
 Intake/Orifice cleaned _____ Air 3 °C@ 1745 Water 5.6 °C@ 1725
 Record removed _____ Extreme Indicator: Max. _____ Min. _____
 Nitrogen Pressure Tank _____ Feed _____ Bbl rate _____ per min.
 CSG checked _____ Stick reading _____
 Observer _____
 HWM _____ outside, in well _____

Remarks 1713 *6 4.38 AT 4.78 closing gage
at 5.73 BV 3.6 running levels
SC 197 swapped SMO + N₂ tank
 G.H. of zero flow _____ ft. Sheet No. New tank of 1800psi sheets

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Form 9-276
 (July 1967)

STATION NUMBER _____

LEVEL NOTES

STREAM F10 Delta

LOCALITY _____

PARTY NRM AMS

DATE 1/23/08, 19

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
x RM4	1.389	12.259		10.87	
RM3			6.634	5.625	
RP2			6.698	5.571	
orifice			8.045	4.214	on top of nut
PZF			8.112	4.147	
TP	7.790	12.178	7.961	4.398	
PZF			8.039	4.139	
orifice			7.966	4.212	on top of nut
RP2			6.610	5.568	
RM3			6.555	5.623	
RM4			1.310	10.868	