

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

DISCHARGE MEASUREMENT NOTES

Meas. No. \_\_\_\_\_  
 Sta. No. Santa Fe Comp. by AMS  
 Checked by gcheck  
 Date 1-29-08, 19\_\_\_\_ Party NRM, AMS, LFS  
 Width 9.3 Area 1.789 Vel. 1.193 G. H. \_\_\_\_\_ Disch 2.134  
 Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_  
 Method coef. \_\_\_\_\_ Hor. angle coef. \_\_\_\_\_ Susp. coef. \_\_\_\_\_ Meter No. \_\_\_\_\_  
 Type of meter \_\_\_\_\_ 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 |  | Outside | No                         | Yes <input checked="" type="checkbox"/> | Time <u>1245</u>                          |
|               |        |  |         | <u>pH-8.18</u>             | Samples Collected                       | <u>cond=173<math>\mu</math>s</u>          |
|               |        |  |         | No                         | Yes <input checked="" type="checkbox"/> | Time _____                                |
|               |        |  |         |                            | Method Used                             |   |
|               |        |  |         | EDI _____                  | EWI _____                               | Other <input checked="" type="checkbox"/> |
|               |        |  |         | <b>SEDIMENT SAMPLES</b>    |   |   |
|               |        |  |         | No                         | Yes _____                               | Time _____                                |
|               |        |  |         |                            | Method Used                             |   |
|               |        |  |         | EDI _____                  | EWI _____                               | Other _____                               |
|               |        |  |         | <b>BIOLOGICAL SAMPLES</b>  |   |   |
|               |        |  |         | Yes _____                  |   | Time _____                                |
|               |        |  |         | No                         |   | Type _____                                |

Weighted M.G.H. \_\_\_\_\_  
 G.H. correction \_\_\_\_\_  
 Correct M.G.H. \_\_\_\_\_  
 Check bar. chain found \_\_\_\_\_ changed to \_\_\_\_\_ at \_\_\_\_\_  
 Wading, cable, ice, boat, upstr., downstr., side bridge \_\_\_\_\_ feet, mile, above, below gage.  
 Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:  
 Flow light turbulent  
 Cross section sand, gravel  
 Control \_\_\_\_\_  
 Gage operating N/A Weather clear, 1st breeze  
 Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water .1 °C@ 1325  
 Record removed \_\_\_\_\_ Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_  
 Nitrogen Pressure Tank \_\_\_\_\_ Feed \_\_\_\_\_ Bbl rate \_\_\_\_\_ per min.  
 CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_  
 Observer \_\_\_\_\_  
 HWM \_\_\_\_\_ outside, in well \_\_\_\_\_  
 Remarks \_\_\_\_\_