

| | | |
|----------------------|----------------------|--------------------------|
| Party: KKJ/TAL | Width: 2,010 ft | Processed by: |
| Boat/Motor: | Area: 131,000 ft² | Mean Velocity: 4.11 ft/s |
| Gage Height: 0.00 ft | G.H.Change: 0.000 ft | Discharge: 537,000 ft³/s |

| | | | |
|-----------------------------|----------------------------|-------------------------|---------------|
| Area Method: Avg. Course | ADCP Depth: 1.750 ft | Index Vel.: 0.00 ft/s | Rating No.: 1 |
| Nav. Method: DGPS | Shore Ens.:10 | Adj.Mean Vel: 0.00 ft/s | Qm Rating: U |
| MagVar Method: None (-1.5°) | Bottom Est: Power (0.1667) | Rated Area: 0.000 ft² | Diff.: 0.000% |
| Depth Sounder: Not Used | Top Est: Power (0.1667) | Control1: Unspecified | |
| | | Control2: Unspecified | |
| | | Control3: Unspecified | |

| | | |
|------------------------------|----------------------|-------------------------------------|
| Screening Thresholds: | | ADCP: |
| BT 3-Beam Solution: YES | Max. Vel.: 8.56 ft/s | Type/Freq.: Rio Grande / 600 kHz |
| WT 3-Beam Solution: NO | Max. Depth: 73.3 ft | Serial #: 8708 Firmware: 10.16 |
| BT Error Vel.: 0.33 ft/s | Mean Depth: 65.1 ft | Bin Size: 50 cm Blank: 25 cm |
| WT Error Vel.: 3.50 ft/s | % Meas.: 85.89 | BT Mode: 5 BT Pings: 1 |
| BT Up Vel.: 1.00 ft/s | Water Temp.: None | WT Mode: 12 WT Pings: 1 |
| WT Up Vel.: 10.00 ft/s | ADCP Temp.: 15.4 °C | WV : 254 WO : 1, 17 |
| Use Weighted Mean Depth: YES | | |

Performed Diag. Test: YES
 Performed Moving Bed Test: NO
 Performed Compass Test: YES
 Meas. Location:

Project Name: M_O_Vel_MAIN.mmt
 Software: 2.08

| Tr.# | | Edge Distance | | #Ens. | Discharge | | | | | | Width | Area | Time | | Mean Vel. | | % Bad | |
|------|---|---------------|------|-------|-----------|--------|--------|-------|-------|--------|-------|--------|-------|-------|-----------|-------|-------|------|
| | | L | R | | Top | Middle | Bottom | Left | Right | Total | | | Start | End | Boat | Water | Ens. | Bins |
| 007 | R | 0 | 0 | 638 | 35301 | 448703 | 38923 | 0.000 | 0.000 | 522927 | 2006 | 130781 | 13:31 | 13:38 | 5.00 | 4.00 | 0 | 1 |
| 008 | L | 0 | 0 | 722 | 37153 | 474418 | 40333 | 0.000 | 0.000 | 551904 | 2010 | 130606 | 13:38 | 13:45 | 4.42 | 4.23 | 0 | 0 |
| Mean | | 0 | 0 | 680 | 36227 | 461561 | 39628 | 0.000 | 0.000 | 537416 | 2008 | 130693 | Total | 00:14 | 4.71 | 4.11 | 0 | 0 |
| SDev | | 0 | 0 | 59 | 1309 | 18184 | 997 | 0.000 | 0.000 | 20490 | 2.8 | 123.7 | | | 0.41 | 0.16 | | |
| SD/M | | 0.00 | 0.00 | 0.09 | 0.04 | 0.04 | 0.03 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | | | 0.09 | 0.04 | | |

Remarks: This mmt was created by TAK on 2/16/12 from a subset of velocity mapping transects and represents main channel flow on this date.

Overflow will be estimated from other transects that have been subsectioned to find the overflow.