

|                        |                           |                                   |
|------------------------|---------------------------|-----------------------------------|
| Party: IGL             | Width: 49.5 m             | Processed by: R.vd.Goor           |
| Boat/Motor: Tinnsilver | Area: 84.7 m <sup>2</sup> | Mean Velocity: 0.034 m/s          |
| Gage Height: 0.000 m   | G.H.Change: 0.000 m       | Discharge: 2.89 m <sup>3</sup> /s |

|                             |                            |                                  |               |
|-----------------------------|----------------------------|----------------------------------|---------------|
| Area Method: Proj. Angle    | ADCP Depth: 0.200 m        | Index Vel.: 0.00 m/s             | Rating No.: 1 |
| Nav. Method: Bottom Track   | Shore Ens.:10              | Adj.Mean Vel: 0.00 m/s           | Qm Rating: U  |
| MagVar Method: None (0.00°) | Bottom Est: Power (0.1667) | Rated Area: 0.000 m <sup>2</sup> | Diff.: 0.000% |
| Depth: Composite (BT)       | Top Est: Power (0.1667)    | Control1: Unspecified            |               |
| Discharge Method: None      |                            | Control2: Unspecified            |               |
| % Correction: 0.00          |                            | Control3: Unspecified            |               |

|                              |                      |                                      |
|------------------------------|----------------------|--------------------------------------|
| Screening Thresholds:        |                      | ADCP:                                |
| BT 3-Beam Solution: YES      | Max. Vel.: 0.240 m/s | Type/Freq.: Rio Grande / 1200 kHz    |
| WT 3-Beam Solution: YES      | Max. Depth: 2.30 m   | Serial #: 38024      Firmware: 10.17 |
| BT Error Vel.: 1.00 m/s      | Mean Depth: 1.71 m   | Bin Size: 10 cm      Blank: 25 cm    |
| WT Error Vel.: 1.00 m/s      | % Meas.: 60.72       | BT Mode: 5      BT Pings: 1          |
| BT Up Vel.: 2.50 m/s         | Water Temp.: None    | WT Mode: 11      WT Pings: 1         |
| WT Up Vel.: 2.50 m/s         | ADCP Temp.: 23.1 °C  | WZ : 5                               |
| Use Weighted Mean Depth: YES |                      |                                      |

Performed Diag. Test: NO      Project Name: 20230619OV\_TIN.mmt

Performed Moving Bed Test: NO      Software: 2.24.00.08

Performed Compass Calibration: NO      Evaluation: NO

Meas. Location:

| 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 |
| 040         | R | 5.00          | 5.00 | 116   | 0.729     | 1.54   | 0.216  | 0.026  | 0.067  | 2.57  | 46.7  | 79.6 | 14:50        | 14:52 | 0.43      | 0.03  | 2     | 5    |
| 041         | L | 5.00          | 5.00 | 105   | 0.825     | 1.72   | 0.240  | 0.028  | 0.011  | 2.83  | 50.4  | 87.1 | 14:52        | 14:54 | 0.52      | 0.03  | 0     | 4    |
| 042         | R | 5.00          | 5.00 | 95    | 0.941     | 2.01   | 0.300  | -0.008 | -0.039 | 3.21  | 49.3  | 86.1 | 14:54        | 14:55 | 0.53      | 0.04  | 4     | 6    |
| 043         | L | 5.00          | 5.00 | 120   | 0.877     | 1.83   | 0.269  | 0.048  | -0.019 | 3.00  | 48.6  | 82.7 | 14:56        | 14:57 | 0.45      | 0.04  | 1     | 7    |
| 044         | R | 5.00          | 5.00 | 110   | 0.740     | 1.50   | 0.228  | 0.039  | 0.024  | 2.53  | 50.1  | 85.4 | 14:57        | 14:59 | 0.50      | 0.03  | 1     | 6    |
| 045         | L | 5.00          | 5.00 | 101   | 0.940     | 1.94   | 0.255  | 0.034  | 0.043  | 3.21  | 52.1  | 87.5 | 14:59        | 15:01 | 0.54      | 0.04  | 2     | 5    |
| <b>Mean</b> |   | 5.00          | 5.00 | 107   | 0.842     | 1.76   | 0.251  | 0.028  | 0.014  | 2.89  | 49.5  | 84.7 | <b>Total</b> | 00:10 | 0.49      | 0.03  | 2     | 5    |
| <b>SDev</b> |   | 0.00          | 0.00 | 9     | 0.094     | 0.209  | 0.030  | 0.019  | 0.039  | 0.299 | 1.8   | 3.0  |              |       | 0.04      | 0.00  |       |      |
| <b>SD/M</b> |   | 0.0%          | 0.0% | 8.8%  | 11.2%     | 11.9%  | 12.1%  | 69.2%  | 269.9% | 10.3% | 3.7%  | 3.6% |              |       | 8.8%      | 8.9%  |       |      |

## Remarks:

Discharge for transects in *italics* have a total Q more than 5% from the mean