

Station Number:

Meas. No: 0

Station Name: ADM Hesselmulertbrug

Date: 11/30/2023

|                        |                            |                                  |
|------------------------|----------------------------|----------------------------------|
| Party: IGL             | Width: 46.5 m              | Processed by: R.vd.Goor          |
| Boat/Motor: Tinnsilver | Area: 135.8 m <sup>2</sup> | Mean Velocity: 0.858 m/s         |
| Gage Height: 0.000 m   | G.H.Change: 0.000 m        | Discharge: 116 m <sup>3</sup> /s |

|                             |                            |                                  |               |
|-----------------------------|----------------------------|----------------------------------|---------------|
| Area Method: Proj. Angle    | ADCP Depth: 0.300 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.: 1.73 m/s | Type/Freq.: Rio Grande / 1200 kHz    |
| WT 3-Beam Solution: YES      | Max. Depth: 3.51 m  | Serial #: 38024      Firmware: 10.17 |
| BT Error Vel.: 1.00 m/s      | Mean Depth: 2.92 m  | Bin Size: 25 cm      Blank: 25 cm    |
| WT Error Vel.: 1.00 m/s      | % Meas.: 55.62      | BT Mode: 5      BT Pings: 1          |
| BT Up Vel.: 2.50 m/s         | Water Temp.: None   | WT Mode: 1      WT Pings: 1          |
| WT Up Vel.: 2.50 m/s         | ADCP Temp.: 4.6 °C  | WV : 254                             |
| Use Weighted Mean Depth: YES |                     |                                      |

Performed Diag. Test: YES      Project Name: 20231130OV\_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 |
| 022         | R | 4.00          | 5.00  | 274   | 28.8      | 63.8   | 14.6   | 4.26  | 3.13  | 115   | 46.6  | 134.9 | 11:21        | 11:22 | 0.68      | 0.85  | 6     | 0    |
| 023         | L | 5.00          | 4.00  | 283   | 28.8      | 62.5   | 15.4   | 5.58  | 2.14  | 114   | 47.4  | 136.8 | 11:22        | 11:23 | 0.68      | 0.84  | 9     | 0    |
| 024         | R | 5.00          | 4.00  | 306   | 29.6      | 64.3   | 16.0   | 5.05  | 2.64  | 118   | 47.2  | 136.4 | 11:23        | 11:24 | 0.66      | 0.86  | 4     | 0    |
| 026         | R | 5.00          | 4.00  | 272   | 30.2      | 65.3   | 16.6   | 5.16  | 1.52  | 119   | 46.5  | 134.2 | 11:25        | 11:26 | 0.72      | 0.89  | 5     | 0    |
| 027         | L | 5.00          | 4.00  | 297   | 29.6      | 65.1   | 15.4   | 5.23  | 2.38  | 118   | 47.3  | 137.5 | 11:26        | 11:27 | 0.67      | 0.86  | 7     | 0    |
| 028         | R | 3.00          | 3.00  | 293   | 29.8      | 66.2   | 15.2   | 2.96  | 1.55  | 116   | 45.1  | 134.7 | 11:27        | 11:28 | 0.68      | 0.86  | 4     | 0    |
| 029         | L | 3.00          | 3.00  | 318   | 30.1      | 66.0   | 15.7   | 2.60  | 1.59  | 116   | 45.5  | 135.9 | 11:28        | 11:30 | 0.61      | 0.85  | 6     | 0    |
| <b>Mean</b> |   | 4.29          | 3.86  | 291   | 29.6      | 64.7   | 15.6   | 4.41  | 2.14  | 116   | 46.5  | 135.8 | <b>Total</b> | 00:09 | 0.67      | 0.86  | 6     | 0    |
| <b>SDev</b> |   | 0.95          | 0.69  | 17    | 0.565     | 1.32   | 0.636  | 1.18  | 0.622 | 1.66  | 0.9   | 1.2   |              |       | 0.03      | 0.01  |       |      |
| <b>SD/M</b> |   | 22.2%         | 17.9% | 5.8%  | 1.9%      | 2.0%   | 4.1%   | 26.9% | 29.1% | 1.4%  | 2.0%  | 0.9%  |              |       | 4.8%      | 1.7%  |       |      |

Remarks: