



Discharge Measurements Field Form
 [This form can be used to prepare RISC HYD-03]

Station Operating Agency/Firm: _____

Station Name: _____ EMS ID¹: _____

Station No: _____ (if any) Project No: _____ (if any e.g., FIA)

Date (yyyy/mm/dd): _____ Metered by: _____

Air Temp (°C): _____ Water Temp (°C): _____

Channel condition or other condition affecting control or discharge measurements: (variable, backwater, turbulence, vegetation etc.)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fixed Control, stable channel, straight reach, measurements are consistent with rating curve, no weeds, boulders or debris	Stable channel, relatively straight reach, measurements consistent with rating curve, minimal weeds or boulders	Minor hydraulic problems related to channel instability, measurements are not consistent with rating curve, weed growth or occasional boulders	Unstable channel due to erosion, degradation or aggradations; variable backwater, turbulence, significant weed growth, boulder bed	Undefined

Location of Metering Section: _____

	Time (24hh:mm)	Ref. Gauge Reading (m)	Inside Gauge Reading (m)	Data Logger /Recorder Reading (m)
Begin				
End				

Mean Time, PST (24hh: mm): _____

¹ EMS ID is the identification number assigned by Environmental Monitoring System (EMS) when station is established in the EMS database. All WIDM sites must be first established in EMS.

Gauge Correction (m): _____

Corrected Gauge Height/Stage (m): _____

Method of Discharge Measurement:

- Weir/Flume Current Meter/Acoustic Sensor
 Volumetric Others

If Current Meter/Acoustic Sensor:

Type (e.g., Price Type AA): _____ SL No. _____

Measurement Range (m/sec): _____ to _____

Meter Calibration:

- Meter calibrated and the validity of calibration is confirmed
 Meter previously calibrated but validity of calibration is not confirmed
 Undefined

Date of Calibration (yyyy/mm/dd): _____ (if known)

Meter Field Verification/Comparison Frequency:

- At least annually
 Less often than annually
 Undefined

Water surface Width (m): _____ No. Verticals Used: _____

X-sectional Area [when area velocity e.g., current meter/Acoustic Sensor method is used²] (m²): _____

Discharge, Q (m³/sec): _____

Average Velocity, V [when area-velocity e.g., current meter/acoustic sensor velocity meter is used¹] (m/sec): _____

Remarks:

² [Note: "Discharge measurement field data and calculation sheet (using XL)" can be used as field form to get total area (A) and average velocity (V) when current meter method is used]

