# RISC HYD-03: Summary of Discharge Measurements

Station Operation Agency/Firm: _____ EMS Id[a]: _____

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

| Date (yyyy/mm/dd) | Time 24hh:mm PST | Metered by | Channel Condition (use Code 1,2,3,4 or 5)[b] | Meter Type (e.g., Price type AA) | Meter Calibration (use Code 1,2,or 3)[c] | Meter Field Verification (use Code 1,2,or 3)[d] | Width (m) | No of Verti-cals used | Mean Correct. Gauge Height/ Stage (m) | Total Area ($m^2$) | Mean Velocity (m/sec) | Total Disch. ($m^3$/ sec) | From Stage Discharge Table | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Table No. | | | Table No. | | | |
| | | | | | | | | | | | | | Disch. ($m^3$/ sec) | Diff. | % | Disch. ($m^3$/ sec) | Diff. | % | |
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Computed by: _____ Date (yyyy/mm/dd):_____ Checked by: _____ Date (yyyy/mm/dd): _____

[a] 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.

[b] Channel Condition Code

1: Fixed Control, stable channel, straight reach, measurements consistent with rating curve, no weeds, boulders or debris
2: Stable channel, relatively straight reach, measurements consistent with rating curve, minimal weeds or boulders
3: Minor hydraulic problems related to channel instability, measurements are not consistent with rating curve, weed growth or occasional boulders
4: Unstable channel due to erosion, degradation or aggradations; variable backwater, turbulence, significant weed growth, boulder bed
5: Undefined

[c] Meter Calibration Code

1: Meter calibrated and the validity of calibration is confirmed
2: Meter previously calibrated but validity of calibration is not confirmed
3: Undefined

[d] Instrument Field Verification/Comparison Frequency Code

1: At least annually
2: Less often than annually
3: Undefined