



# RISC HYD-01: Description of Hydrometric Station

Original  Revised

Station Operating Agency/Firm: \_\_\_\_\_

Station Name: \_\_\_\_\_ EMS ID<sup>1</sup>. \_\_\_\_\_

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

Action (Station Established, Relocated, Modified, Closed)	Date (yyyy/mm/dd)	By Whom

Site Description: \_\_\_\_\_  
\_\_\_\_\_

Location Type:  Lake or Pond  River, Stream or Creek  Marine

Region (from pick list):

<input type="checkbox"/> Vancouver Island	<input type="checkbox"/> Kootenay (Nelson)
<input type="checkbox"/> Lower Mainland (Surrey)	<input type="checkbox"/> Cariboo (Williams Lake)
<input type="checkbox"/> Southern Interior (Kamloops)	<input type="checkbox"/> Skeena (Smithers)
<input type="checkbox"/> Southern Interior (Penticton)	<input type="checkbox"/> Omineca-Peace (Prince George)

Nearest Community: \_\_\_\_\_

Site Access Description: \_\_\_\_\_  
\_\_\_\_\_

Drainage area above station (km<sup>2</sup>): \_\_\_\_\_ (if known)

Coordinates:  Geographical  UTM

Latitude (DD MM SS.SS): \_\_\_\_\_ Longitude (DDD MM SS.SS): \_\_\_\_\_ or

UTM Northing: \_\_\_\_\_ UTM Easting: \_\_\_\_\_ UTM Zone: \_\_\_\_\_

Geo Reference Source: \_\_\_\_\_

Site Elevation (m): \_\_\_\_\_  
\_\_\_\_\_

<sup>1</sup> 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.

## Water Level Gauge:

<input type="checkbox"/> Manual	<input type="checkbox"/> Recorder
Types: <input type="checkbox"/> Standard Vertical Staff Gauge <input type="checkbox"/> Chain Gauge <input type="checkbox"/> Wire Weight Gauge <input type="checkbox"/> Reference Marks	Types: <input type="checkbox"/> Graphical <input type="checkbox"/> Digital  If Digital, Sensor Types: <input type="checkbox"/> Pressure Transducer <input type="checkbox"/> Bubbler <input type="checkbox"/> Shaft Encoder <input type="checkbox"/> Radar/ Ultrasonic <input type="checkbox"/> Other
Reading Accuracy: <input type="checkbox"/> 2mm or less <input type="checkbox"/> 5mm or less <input type="checkbox"/> 1cm or less <input type="checkbox"/> Undefined	Reading/Sensor Accuracy: <input type="checkbox"/> 2mm or less <input type="checkbox"/> 5mm or less <input type="checkbox"/> 1cm or less <input type="checkbox"/> Undefined

Reference Gauge Type:  Standard Vertical Staff Gauge  Chain Gauge  
 Wire Weight Gauge  Reference Marks

Zero Flow at Gauge Height (m): \_\_\_\_\_

## Benchmarks:

Benchmark	Date Established (yyyy/mm/dd)	Elevation above station datum [zero of the gauge when first established] (m)	GSC Datum Elevation if any (m)

Channel Description (A description of channel/morphology at station and the location of hydrometric equipment with respect to channel features):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Stream Flow:  Regulated  Natural

Station Type:  Water level only  Discharge/Flow only  Both

**Location /Site Sketch:** (1: General location on a standard base map 2: Sketch of station showing access and major landmarks, 3: Sketch of site showing location of all equipment, benchmarks, channel morphology in the vicinity of the station including conditions that could affect the measurements. Please use standard symbols)



[Note: Location /Site Sketch can be scanned and saved as JPEG format for electronic submission into the provincial water database. If possible submit/upload digital photograph of the site viewed upstream and downstream into the provincial water database (i.e., WIDM)].

**Remarks** (Site condition or any significant issues):

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