



U.S. DEPARTMENT OF THE INTERIOR  
U.S. Geological Survey

Meas #: 103

## SITE VISIT NOTES

Processed by \_\_\_\_\_

Checked by \_\_\_\_\_

SVMobile ver. 1.0.2 Stylesheet SWAMI\_SS1 ver. 1.5.1

**Site Visit Summary****357005 - Blitzen blw Sodhouse Dam, Malheur NWR**

Date: 2023-11-15

Start Time: 11:14:00 PST

End Time: 14:35:13 PST

Party: KEK

Weather: partly cloudy, cool, no precip, calm winds

Recorder record removed.

**Site Visit Tasks**

Discharge Measurement:

Water Temp with Acoustic Meas:

Control Inspection:

GZF Inspection:

**Comment:**

SatLink indicating successful transmission but HADS not receiving data. Removed PolyPhaser and transmission was successful. Adjusted antenna and installed PolyPhaser then transmission failed. Removed PolyPhaser and transmission successful. See additional notes. Will contact manufacturer.

**Discharge Measurement Summary****Meas No: 103****Gage Ht: 3.41 ft.****Total Meas Flow: 71.4197 cfs (Measured)**

Meas Start Time: 13:01:00

Meas End Time: 14:09:00

Gage Ht Change: 0 ft.

Meas Duration: 1 hrs.

Meas Rated: Good (5%)

Base Flow? Unknown

**Rating Information:**

Meas. plots: \_\_\_\_\_ % Different from rating no. \_\_\_\_\_ Indicated shift: \_\_\_\_\_

**Comment:**

FlowTracker2

**Channel 1 (Main) Summary - Midsection Measurement****Wading Measurement**

Meas Flow: 71.4197 cfs

Vel Method: ADV

Horiz Flow: Even

Vel Desc: steady

Vert Vel Desc: standard

Channel Conditions: even , firm , silt-mud

Sect Loc.: Downstream - 100 ft. to gage

**ADV Measurement Details**

Stations: 28

Total Width: 35.00

Total Area: 63.2800

Mean Vel: 1.1286

Start Point: Right edge of water

Mtr Type: ADV

Serial No: generic

Mtr Susp: Top-setting wading rod

Mtr Insp B4: true

Mtr Insp Aft: true

**Gage Readings**

| Time     | Non-Subm Pres Tran<br>(357005)<br>Name: 357005 | Staff Gage<br>(357005)<br>Name: 357005 |
|----------|------------------------------------------------|----------------------------------------|
| 11:29:00 | 3.43                                           | 3.41 (+/-0.01)                         |
| 14:35:00 | 3.45                                           | 3.43 (+/-0.01)                         |
| Key:     | Blue=Primary Reference;                        | Green=Primary Recorder                 |

**Sensor Inspection****Non-Subm Pres Tran**

Serial No: 357005

Name: 357005

Gas Type: Air

Orif Serviced: Purged

Service Time: 11:28:00

Des Cond: Fair

Des Chng: YES

**Comment:**

Partial desiccant change, low on good desiccant.

**Sensor Inspection****Staff Gage**

Serial No: 357005

Name: 357005

**Comment:**

lower staff, steam side plate

**Streamflow Control Inspection**

| Type    | Dist to Gage (ft) | Cleaned? | Time Cleaned | Condition |
|---------|-------------------|----------|--------------|-----------|
| Section | 30                | NO       |              | Clear     |