1510

USGS STM SENSOR RECOVERY FORM (one form per housing)

DATE: 9/01/12 **STORM:** ISAAC **INSPECTORS:** CJL

Housing #

SITE INFO

SITE ID: HWM-MS-HAR-006 **LAT** (DD to 6 places): 30.41307
(format: SSS-ST-COU-###PP; see SOP)

SITE NAME: Debris line @ Turkey Crk. @ US 49 **LONG** (DD to 6 places): 89.09268

STATE: MS **COUNTY:** HARRISON **Landowner Info: Notified** (Yes/No) **Name:**

SENSOR INFORMATION

Sensor Type (circle one):
Hobo Troll
RDG RDW
HWM
Other?
Serial #

Deployed as (circle one):
Water level (WL)
Baro Pressure (BP)
Wave Height (WV)
HWM
Other?

Data Interval:
30 sec 2 sec Other:
Sensor Deploy Time (GMT):
Data Start Time (GMT):
Sensor in Water (Y/N)

BP sensor collocated? *(Yes/No)*
BP Site ID:
USGS VI on housing? *(Yes/No)*

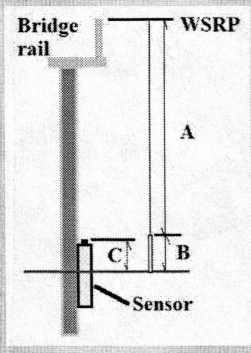
DETERMINE WATER SURFACE

Water Surface Reference Point (WSRP) Info

Reference Point (WSRP) # 006
WSRP elevation (feet): 12.096
Elevation Assumed? *(Yes/No)*
WSRP description: Fair debris line stake in ground 150ft South of bridge @ cut grass edge flagged on the US side

Water Surface (WS) Elev. Calculations

TD Time: GMT
WSRP elevation (WSRP): feet
Tapedown (A): feet
Weight length (B): feet
Total TD (A + B): feet
WS = WSRP – (A + B): feet
WS conditions (circle)? Calm Choppy Wavy



DETERMINE THE SENSOR HOUSING ELEVATION

Located with SSS-MS-HAR-004

To determine the Sensor Housing Elevation using a tapeup/tapedown from the established water surface elevation above, use the box to the right.

Choose option!

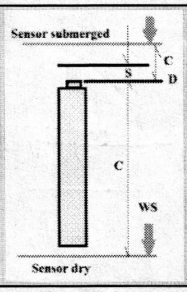
If elevation run to 2nd RP (SHRP) above sensor. then use lower boxes.

Sensor Housing RP Info

Reference Point (SHRP) #
SHRP elevation (feet):
Elevation Assumed? *(Yes/No)*
RP description:

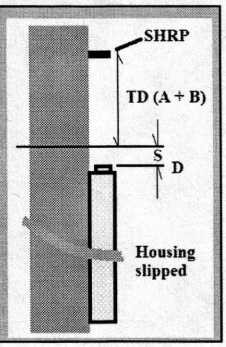
Sensor Housing Nut Elevation (D) from WS

Water Surface (WS): feet
Nut in water? Tape up to nut feet
OR
Nut out of water? Tape down: feet
D = (WS +/- C) -S: feet



Sensor Housing Nut Elevation (D) from SHRP

SHRP elevation: feet
Tapedown (A): feet
Weight length (B): feet
Total TD (A + B): feet
Subtract slippage (S): feet
D = SHRP – (A + B) - S: feet



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HWM Elev. =

USGS STM SENSOR RECOVERY FORM (page 2)

SENSOR ORIFICE ELEVATION

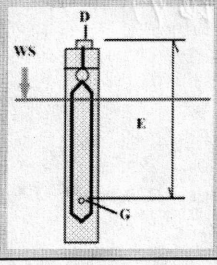
Sensor Orifice Elevation (G = D - E)

Housing Nut (D): _____ feet

Subtract Housing Correction Factor (E): _____ feet

Sensor Orifice Elevation (G):

_____ feet



SENSOR HEIGHT ABOVE GROUND

Use if Sensor Deployed Above Ground w/ no RP Elevation (OEG=D-(H-E))

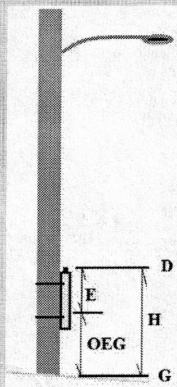
Housing Nut (D): _____ feet

TD to Ground (H): _____ feet

Subtract Housing Correction Factor (E): _____ feet

Data offset for Depth above Ground (OEG): _____ feet

This is used only until RP elevation is surveyed in to get initial estimate of depth above ground surface



DRAW SITE SKETCH BELOW

DRAFT

US-19S

US-19N

Turkey CRK

HWM-006

CHECK IN!!	Pictures Taken (circle all that apply): Sensor RP RM North South East West
	Departure Time: _____ GMT Check-In Time: _____ GMT STM Coord. on duty: _____