# USGS STM SENSOR RECOVERY FORM (one form per housing)

**DATE:** 9/2/12 **STORM:** ISAAC **INSPECTORS:** CJH

Housing #

**SITE INFO**

**SITE ID:** HWM-MS-HAN-017 **LAT** (DD to 6 places): 30.25842
*(format: SSS-ST-COU-###PP; see SOP)*

**SITE NAME:** Trash line 200ft. W. of Loor Ave **LONG** (DD to 6 places): 89.41450

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

**SENSOR INFORMATION**

| *Sensor Type (circle one):* | *Deployed as (circle one):* | *Data Interval:* | **BP sensor collocated?** |
|---|---|---|---|
| Hobo Troll | Water level (WL) | *30 sec 2 sec Other:* | *(Yes/No)* |
| RDG RDW | Baro Pressure (BP) | ***Sensor Deploy Time (GMT):*** | **BP Site ID:** |
| HWM | Wave Height (WV) | ***Data Start Time (GMT):*** | **USGS VI on housing?** |
| Other? | HWM | ***Sensor in Water (Y/N)*** | *(Yes/No)* |
| Serial # | *Other?* | | |

**DETERMINE WATER SURFACE**

***Water Surface Reference Point (WSRP) Info***

Reference Point (WSRP) # 002

WSRP elevation (feet): 9.720

Elevation Assumed? *(Yes/No)*

WSRP description:

Fair trash line on grassy area @ empty lot near sign stating "steep grade ahead" 200ft. W. of house @ Loor Ave.

***Water Surface (WS) Elev. Calculations***

TD Time: _____ GMT

WSRP elevation (WSRP): _____ feet

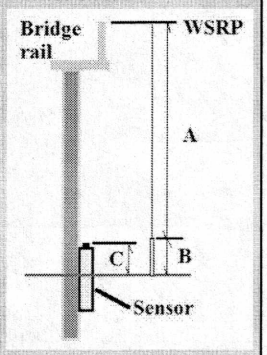
Tapedown (A): _____ feet

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**

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***

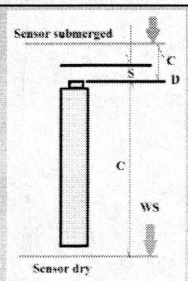
Water Surface (WS): _____ feet

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

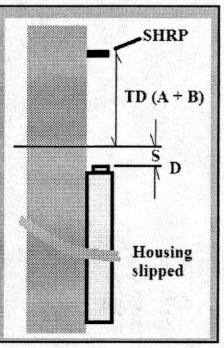
Tapedown (A): _____ feet

Weight length (B): _____ feet

Total TD (A + B): _____ feet

Subtract slippage (S): _____ feet

**D = SHRP – (A + B) - S:** _____ feet

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# USGS STM SENSOR RECOVERY FORM (page 2)

**SENSOR ORIFICE ELEVATION**

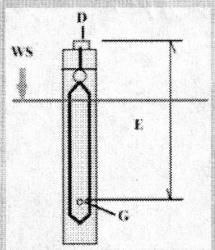
***Sensor Orifice Elevation (G = D - E)***

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))***

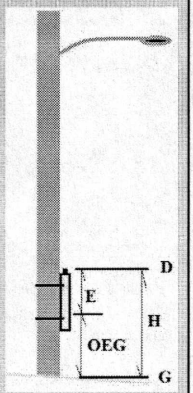
Housing Nut (D): _____ feet

TD to Ground (H): _____ feet

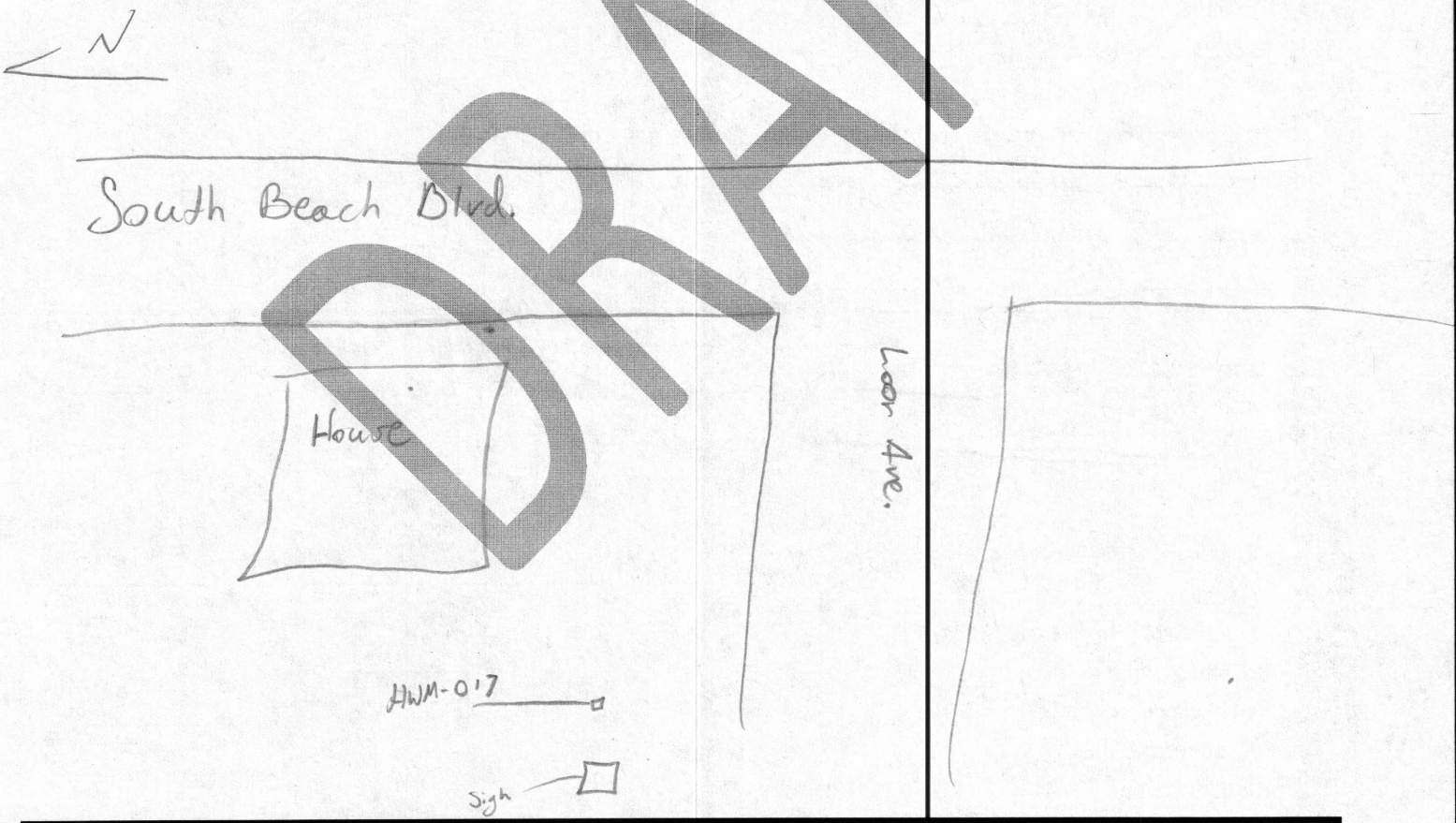
Subtract Housing Correction Factor (E): _____ feet

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

| 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: _____ |