USGS STM SENSOR RECOVERY FORM (one form per housing)

DATE: 9/3/12 **STORM:** ISAAC **INSPECTORS:** CJH

Housing #

SITE INFO

SITE ID: HWM- MS- HAN- 024 **LAT** (DD to 6 places): 30.24890
(format: SSS-ST-COU-###PP; see SOP)

SITE NAME: Seed line @ Monroe St. and MS HWY 604 **LONG** (DD to 6 places): 89.6128

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)		
Other?	HWM	***Data Start Time (GMT):***	**USGS VI on housing?**
Serial #	*Other?*	***Sensor in Water (Y/N)***	*(Yes/No)*

DETERMINE WATER SURFACE

Water Surface Reference Point (WSRP) Info

Reference Point (WSRP) # 002

WSRP elevation (feet): 9.652

Elevation Assumed? *(Yes/No)*

WSRP description: good seed line on remaining cement block wall of demolished house @ corner of Monroe St. and MS HWY 604

Water Surface (WS) Elev. Calculations

TD Time: _____ GMT

WSRP elevation (WSRP): _____ feet

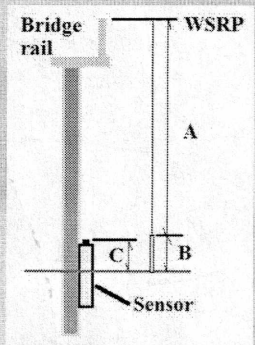
Tapedown (A): _____ feet

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

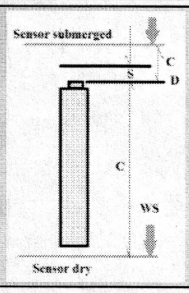
Water Surface (WS): _____ feet

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

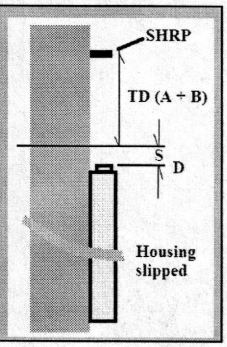
Tapedown (A): _____ feet

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

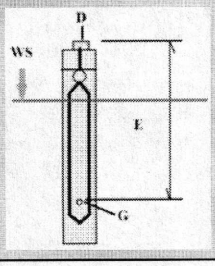
Sensor Orifice Elevation (G = D - E)

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))

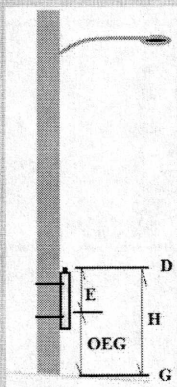
Housing Nut (D): _____ feet

TD to Ground (H): _____ feet

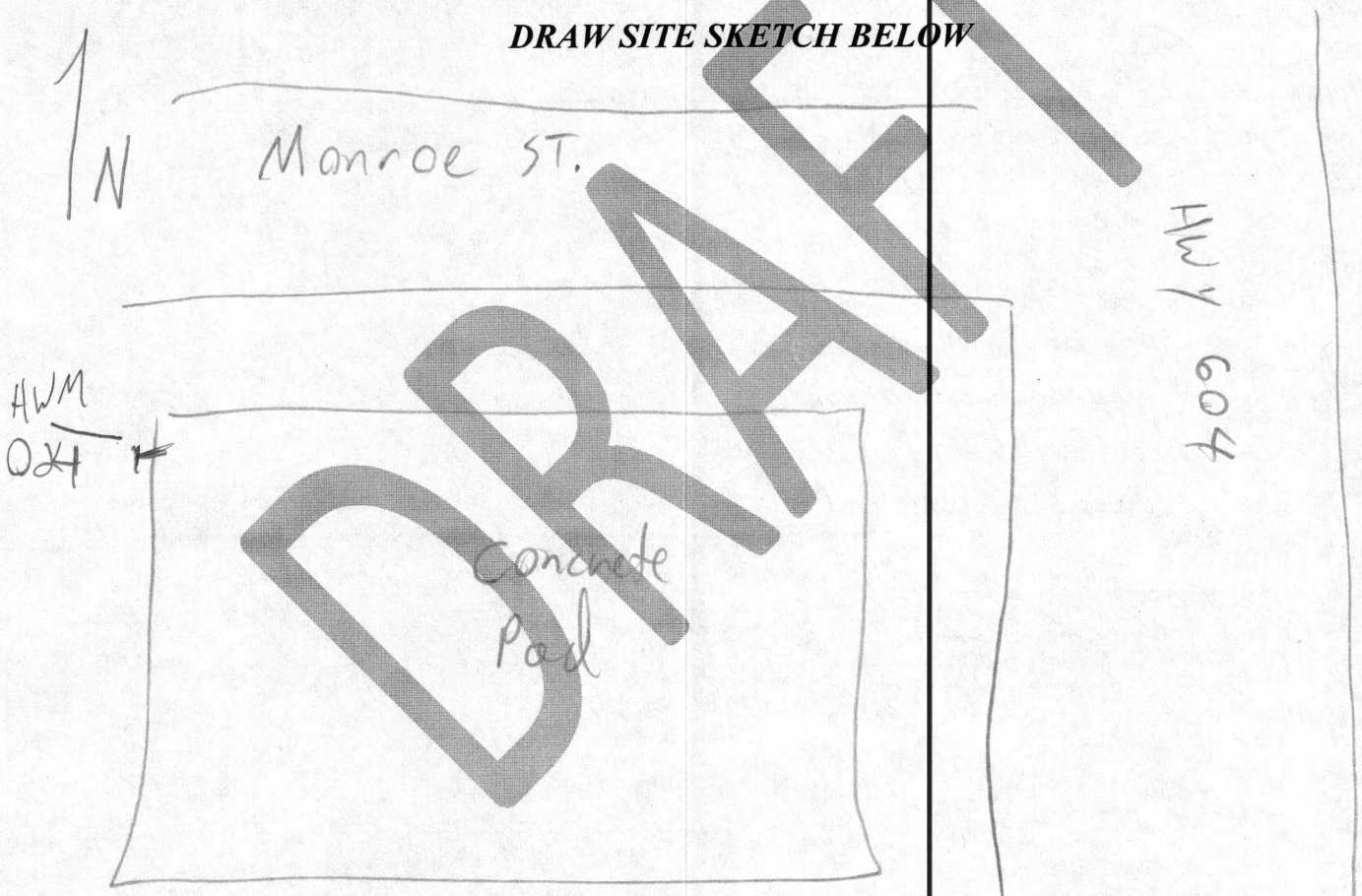
Subtract Housing Correction Factor (E): _____ feet

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: _____