USGS STM SENSOR RECOVERY FORM (one form per housing)

DATE: 9/2/12 **STORM:** ISAAC **INSPECTORS:** CRB/CRL

Housing #

SITE INFO

SITE ID: HWM-LA-STJ-007 **LAT** (DD to 6 places): 30.08590
(format: SSS-ST-COU-###PP; see SOP)

SITE NAME: Pilot Gas CI-10 & US51 **LONG** (DD to 6 places): 90.44424

STATE: LA **COUNTY:** St. John **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) #

WSRP elevation (feet):

Elevation Assumed? *(Yes/No)*

WSRP description: Tape up from lsd = 1.96

3.79

3.820 } = 3.789 +1.96

3.758

5.75

Water Surface (WS) Elev. Calculations

TD Time: GMT

WSRP elevation (WSRP): feet

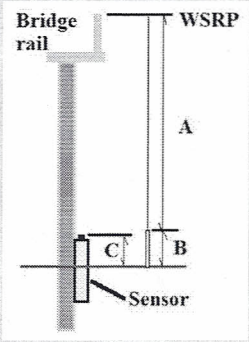
Tapedown (A): feet

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

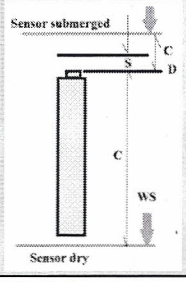
Water Surface (WS): feet

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

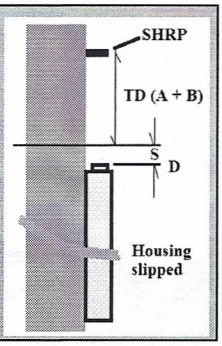
Tapedown (A): feet

Weight length (B): feet

Total TD (A + B): feet

Subtract slippage (S): feet

D = SHRP – (A + B) - S: feet



Excellent mud line on yellow pole in back lot of Pilot gas station. Location should not be affected by wake from vehicles passing on road.

Flip over to Page 2

USGS STM SENSOR RECOVERY FORM (page 2)

SENSOR ORIFICE ELEVATION

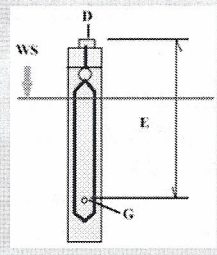
Sensor Orifice Elevation (G = D - E)

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))

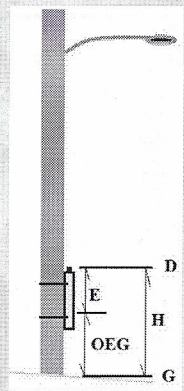
Housing Nut (D): _____ feet

TD to Ground (H): _____ feet

Subtract Housing Correction Factor (E): _____ feet

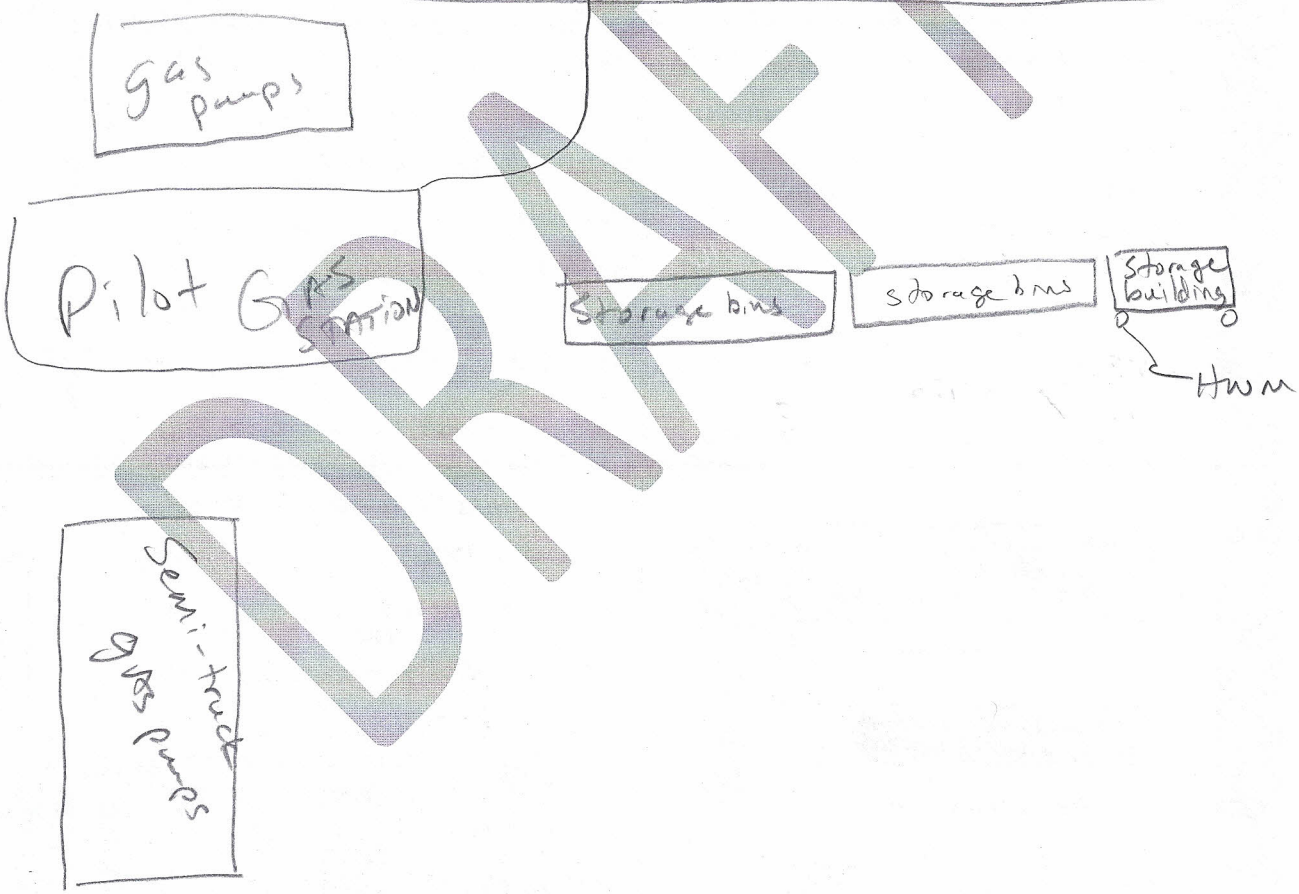
Data offset for Depth above Ground (OEG): _____ feet

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



US51 —> TO I

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: _____