USGS STM SENSOR RECOVERY FORM (one form per housing)

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

Housing #

SITE INFO

SITE ID: HWM-LA-STJ-005 **LAT** (DD to 6 places): 30.08213
(format: SSS-ST-COU-###PP; see SOP)

SITE NAME: Lake Pontchartrain Elem. **LONG** (DD to 6 places): 90.46706

STATE: LA **COUNTY:** ST. JOHN **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)*

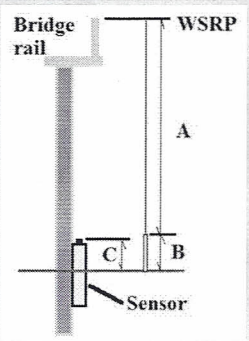
DETERMINE WATER SURFACE

Water Surface Reference Point (WSRP) Info

Reference Point (WSRP) # _____
WSRP elevation (feet): _____
Elevation Assumed? *(Yes/No)*
WSRP description:
Tape up from lsd = 1.65
5.698
5.821 > 5.760 + 1.65 = 7.41

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!

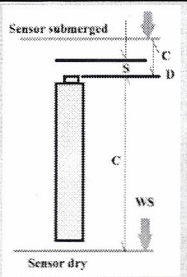
If elevation run to 2nd RP (SHRP) above sensor. then use lower boxes.

Sensor Housing RP Info

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

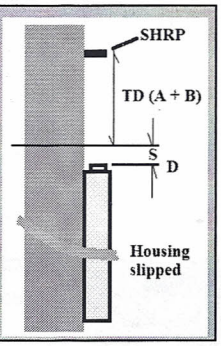
Sensor Housing Nut Elevation (D) from WS

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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Fair trashline on fence in parking lot of elementary school. The trash line may be affected by build up due to velocity near fence.