

DAILY ACTIVITY REPORT

Report #	Activity Date	S	M	Tu	W	Th	F	S
2	14 August 2018			✓				

Field Investigation Manager: Tim Thompson

WEATHER Bright Sun Partly Cloudy Overcast Rain Snow

TEMPERATURE °F <32° 32-45° 45-60° 60-70° 70-85° >85°

WIND Still Mod. High

HUMIDITY Dry Mod. Humid

DAYTIME TIDES

07:19 AM	10.51	H
1:43 PM	-0.44	L
8:28 PM	12.13	H

TASK: ☐ Industrial Area Soils ☐ Industrial Area Groundwater ☐ Surface Water ☒ Sediment ☐ MIS

SUBCONTRACTORS/VISITORS ON SITE: Tim Thompson, SEE; Dale Dickinson, MSS; Kim Hawkins, HDR; Grant Ivison-Lane, HDR; Nigel Baummer, HDR, Jake Williams, USACE

EQUIPMENT ON SITE: R/V *Nancy Ann*, Vibracore

WORK PERFORMED (INCLUDE ANY SAMPLES COLLECTED):

- Navigation checks at beginning, mid-day, and at end of field collections
- Collected cores at locations PSR-4, PSR-5, PSR-6, and PSR-7

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

- Navigation checkpoints
- Lead line and fathometer depth comparisons

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Tailgate Meeting Held ☒

- Kick-off SSHP meeting held on-board. Reviewed boat safety, PPE, person-overboard, heat stress

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

- Two barges were over RA2. Attempted cores as close to targeted PSR-5 location as we could get. Problems with coring unit tipping over; usually an indication of steep slope or large debris on bottom. Likely large rocks or perhaps barge debris. Took several efforts to finally collect a core, and those were short; 3 ft. If we have time and the barges get cleared, may attempt at targeted PSR-5 location again.
- Penetration has been excellent, generally > 7 ft. Retention has been poor; 30 – 80%. The acceptance criteria is 60%. Not clear what is the specific problem. In most cases the cores included the surface cap material (rock, pea gravel and/or sand) and in all cases penetrated through to the native material. More than 10 cores were attempted; only 3 were retained.
- PSR-7 was attempted at 1600 hours, with poor retention. Will begin there again on 15 August.

SPECIAL NOTES:

- Navigation check using the TerraSond estimated coordinates at the Jack Block Park pier were +/- 6 feet. Tomorrow will go check the navigation system first against the known USACE station at their pier.

TOMORROW'S EXPECTATIONS:

- Plan to complete PSR-7, and then proceed in order from PSR-8 through 15.

ATTACHMENTS: Station Identification Sheet; Chain-of-Custody form

PREPARED BY: Tim Thompson

SIGNATURE: Filed electronically