

Weekly Construction Progress Report**IB & Tanks Decommissioning Project****Period:** Week Ending 7/26/2015**Hercules Plant****Hattiesburg, MS****Project Work Performed:**

- CHES continued the monitoring of the solar area ray monitors for source and exhaust COC levels.
- CHES continued to dewater the IB using a new "caged sump" within the IB. Water was transferred from the IB to tank ET-19 and then treated through the CHES system (filters, carbon). Treated water is stored in frac tanks pending analysis.
- CHES continued stabilization of material in Cell #1 and Cell #2.
- CHES loaded rolloff boxes with stabilized material. Boxes were staged pending completion of material profiling.
 - 7/24 – 3 rolloff boxes of IBS 1 material were loaded
 - 7/25 – 8 rolloff boxes of IBS 1 material were loaded
- CHES began installation of HDPE transfer piping from ET-10 to the IB.

Work Projected Next Week:

- Continue dewatering of IB and treatment of water
- Continue to mix sludge in Cells #1 and #2. CHES will continue loading stabilized materials in rolloff boxes, staged for disposal upon completion of profiling.
- Complete installation of transfer piping to ET-10.

Action Items:

- Waste profiles will be completed upon receipt of laboratory data.

Solids Production:

- Approximately 100 CY mixed within Cell #1 using approximately 10,000 lbs of CKD
- Approximately 700 CY mixed within Cell #2 using approximately 30,000 lbs of CKD, 8,000 lbs of LKD, and 7 CY of sawdust.
- ARCADIS collected the following samples after sludge solidification:
 - IBS1-01 (Cell 1, sample #1) on 7/20/2015
 - IBS1-02 (Cell 1, sample #2) on 7/20/2015
 - IBS1-03 (Cell 1, sample #3) on 7/24/2015
 - IBS1-04 (Cell 1, sample #4) on 7/24/2015
 - IBS2-01 (Cell 2, sample #1) on 7/20/2015
 - IBS2-02 (Cell 2, sample #2) on 7/24/2015

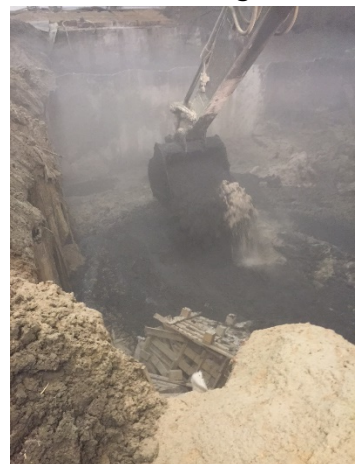
* Note that USEPA representatives collected split samples of the samples collected on 7/20/2015.

Water Production:

- Water was decanted from the IB to ET-19. All water was then processed through on site treatment and stored in on-site frac tanks pending analysis:
 - 7/20 – Batch 18 was treated and stored in frac tanks pending analysis
- Water was discharged to the POTW in accordance with the permissible loading rates of the facilities discharge permit based on laboratory analytical results:
 - 7/21 - Discharged **17,300** gallons of water (Batch 17) from the frac tanks to the POTW

Air/Odor Monitoring

- Perimeter air monitoring was performed throughout the remainder of the week. No exceedances were noted as a result of on site activities.

**Base of Cell #2****Cell #1 material stacked and draining****Mixing of material within IB cell**