

Weekly Construction Progress Report**IB & Tanks Decommissioning Project****Period:** Week Ending 11/1/2015**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 "caged sump" within the IB. Water was transferred from the IB to frac tanks prior to treatment through the CHES system (filters, carbon). Treated water is stored in additional frac tanks pending analysis.
- CHES continued with the stabilization of the annular ring material within Cell #7.
- CHES continued replacing the vapor phase carbon media as part of the vapor mitigation system.
- CHES continued loading out residual bottom material (mix of sludge, soil) from Cells #1 and #3. CHES began to clean residual soil and sludge from the bottom of Cells #4, #6, and #8.
- CHES hauled Cell #1 (residual material, bottom soils) material to CHES Deer Park facility.
- CHES continued to load and stage material from Cells #5 and #8

Work Projected Next Week:

- Continue dewatering of IB and treatment of water
- Continue shipping residual Cell #3 and soil material to Deer Park
- Continue loading and staging material from Cells #5 and #8
- Complete change out of vapor phase carbon media.
- Continue stabilization of annular ring material in Cell #7
- Continue cleanup activities on base of IB in preparation of final inspection and sampling.

Action Items:

- Upon resolution of manifest issue, continue hauling material from Cells #5 and #8.

Solids Production:

- CHES continued hauling material to their Deer Park Facility from Cells #1
 - 10/26 – 2 loads totaling 35.81 tons to Deer Park (Cell #1)
 - 10/27 – 3 loads totaling 51.03 tons to Deer Park
 - 10/28 – 1 load totaling 16.87 tons to Deer Park
 - 10/30 – 1 load totaling 16.89 tons to Deer Park

Water Production:

- Water was decanted from the IB to ET-19. No water was processed through on site treatment system during this week.

Air/Odor Monitoring

- Perimeter air monitoring was performed throughout the week. No exceedances were noted as a result of on site activities.
 - 10/29: a 4-minute exceedance of H₂S was noted at the downwind air monitoring station. The exceedance was investigated determined to be a result of heavy equipment operation associated with nearby demolition activities.

**Cleaning of Cells 1 and 3****Final scraping of sheet pile walls**