

Weekly Construction Progress Report**IB & Tanks Decommissioning Project****Period:** Week Ending 10/25/2015**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 removal of the annular ring material and placement of flowable fill was placed around Cells.
- CHES restarted hauling Cell #7 material to CHES Deer Park facility
- CHES began replacing the vapor phase carbon media as part of the vapor mitigation system.
- CHES began loading out residual bottom material (mix of sludge, soil) from Cells #1 and #3.
- CHES began loading and staging stabilized material from Cells #5 and #8
- CHES removed sludge from frac tank #6 and ET-19 and staged within Cell #7 for stabilization

Work Projected Next Week:

- Continue dewatering of IB and treatment of water
- Continue shipping Cell #7 material to Deer Park
- Continue loading and staging material from Cells #5 and #8
- Complete change out of vapor phase carbon media.
- Clean out frac tanks and ET-19 and prepare material for stabilization 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 Cell #7
 - 10/19 – 2 loads totaling 35.36 tons to Deer Park
 - 10/20 – 2 loads totaling 34.55 tons to Deer Park
 - 10/21 – 2 loads totaling 34.47 tons to Deer Park
 - 10/22 – 5 loads totaling 84.47 tons to Deer Park
 - 10/23 – 2 loads totaling 32.94 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.
- CHES discharged the remainder of Batch 21 (~13,000 gallons) to the POTW

Air/Odor Monitoring

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

**Vapor Phase GAC Change Out****Final Cell Cleaning****Annular ring after flowable fill placement**