

## Weekly Construction Progress Report

### IB & Tanks Decommissioning Project

Period: Week Ending 6/28/2015

#### Project Work Performed:

- CHES continued the monitoring of the solar area ray monitors for source and exhaust COC levels.
- CHES continued with site work including the removal of crane matting and grading of areas surrounding the IB
- CHES continued to dewater the IB. Dewatering is slower than initial efforts as the water levels are below sludge levels. Several methods were attempted to drive dewatering including "well point systems" and sumps. Sumps equipped with filter boxes combined with sludge stacking will likely be most effective. Water was transferred to tank ET-19 and then treated through the CHES system (filters, carbon). Treated water is stored in frac tanks pending analysis. Upon receipt of laboratory data, water was discharged to the POTW under the existing discharge permit.
- CHES continued the process of relocating sludge from the annular space between the sheet piles and the IB walls. Potable and/or treated water was introduced to make material more flowable for removal with vac truck. Later during the week, a mini-excavator with auger attachment was utilized to mobilize material. At the end of this period, approximately 60 linear feet of annular space has been cleared.

#### Work Projected Next Week:

- Continue dewatering of IB and treatment of water
- Continue relocating IB material from areas outside of sheet pile wall to the adjacent cell within the IB.
- Continue site preparation activities

#### Action Items:

- Continue to refine schedule for waste mixing activities

#### Solids Production:

- None

#### 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:
  - 6/15 - Batch 12 was treated and stored in frac tanks pending analysis
  - 6/19 - Batch 13 was treated and stored in frac tanks pending analysis
  - 6/22 - Batch 14 was treated and stored in frac tanks pending analysis
  - 6/28: Batch 15 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:
  - 6/18 Discharged **35,050** gallons of water (Batch 10) and **35,050** gallons of water (Batch 12) from the frac tanks to the POTW
  - 6/23: Discharged **20,400** gallons of water (Batch 11) and **32,700** gallons of water (Batch 13) 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 during on site activities.

Hercules Plant

Hattiesburg, MS



"Well Point" dewatering system



Removal of material from annular space



View of annular space