

24-Hour Mobile Enhanced Multi-Phase Extraction Event

LP Env performed a 24-Hour MEME Event on a tankpit impacted site in Georgia. The Observation Wells were used as extraction wells during the event. LP Env had 2 MEME technicians on-site during the entire event, which allowed for constant data collection and stinger/drop tube adjustments. The event was performed with our rotary vane vacuum pump system with vapor recovery.



The following data was collected:

- Pre-event water levels and free product measurements on each well
- During event measurements (30-minute intervals):
 - Vacuum readings and temperature on MEME system
 - Vacuum readings on each extraction well
 - Vacuum readings on each perimeter well
 - Velocity, temperature, and concentration of vapor-phase
 - Depth of each extraction stinger/drop tube
- Post-event water levels and free product measurements on each well

LP Env successfully extracted 4,740 gallons of wastewater, 85 gallons of free product, and 61.75 pounds of vapor-phase hydrocarbons. LP Env disposed of the extracted wastewater/fuel at an approved facility. A full report with all data collected during the event and waste disposal information was provided to the client, making their State UST submittals easier.

Note: Summaries are intended to provide examples of our services and project history and may be generalized/sanitized to maintain confidentiality. Scope and location may be different than provided.