

Speciality Chemical Fire Cleanup**Location: Marietta, Georgia****Client: Speciality Chemical Company****Contract Amount: \$330,000****Problem**

Remtech responded to a chemical plant fire containing aromatic & chlorinated solvents and propellants. Bulk storage tanks, totes, drums, secondary containment structures, overhead pipe racks, processing equipment, pollution control systems, and buildings were involved in the fire.

Solution

Remtech's scope of work was to remove hazardous materials and collect and/or treat contaminated stormwater. Remtech developed a site safety plan and conducted environmental health monitoring.

Bulk fire fighting water was removed from the plant's office building. The burn area was isolated and contaminated stormwater was pumped into multiple frac tanks that were loaded into tankers and disposed of at a hazardous waste facility over a three month period.

Product in burnt bulk storage tanks and secondary containment structures were cleaned using remote techniques and explosion proof pumps to avoid confined space entry. Chemicals within tanks and containment structures were pumped into frac tanks and then into bulk tankers for disposal. Clean stormwater was routed around the burn site.

Burn residues and scum were contained and removed from a stormwater detention pond using river boom and skimming devices. Millions of gallons of stormwater were filtered through an insitu carbon filter constructed in the pond overflow structure.

Remtech assets utilized on this project included: excavation equipment, frac tanks, 1,000 ft of river boom, rapid deployment boom/boat trailer, hazmat trailer, emergency lighting, skimmers, vacuum trucks, tankers, carbon filters, explosion proof blowers, explosion proof pumps, compressors, PPE, environmental monitoring equipment, straw filtration barriers, polypropylene sorbent, drums, totes, and supersacks.



Chemical Plant Fire and Explosion



Tank Farm and Pipe Bridges Destroyed by Fire



Tank Contents Removed Remotely
Reduced PPE Requirements



Spent Straw Filtration Barriers Placed
in Supersacks of Disposal