



IMPACT Another PSC Success Story

Major U.S. Petrochemical Manufacturer — Dredging Storage Pool



Careful Planning Leads to Flawless Dredging Project

Petrochemical manufacturers often store their waste byproducts on site for months or even years before arranging for their disposal. When it comes time to remove these accumulated materials, relying on the expertise of a hazardous waste professional can help ensure the operation is done safely, securely and economically.

Recently, a major producer of chemical products faced just this situation at its plant in Iowa.

Liquid waste from this plant's production is held in a lagoon covering approximately 1.5 acres and holding an estimated 4 million gallons of water. Management decided the time had come to dredge the lagoon and dispose of its contents. The manufacturer also needed to replace the lagoon's aging polyethylene liner, which was rapidly nearing the end of its life. To handle this challenging assignment, plant management chose PSC based on its safety record and reputation within the industry.

PSC's project team from Calvert City, Kentucky approached the project with its usual high degree of professionalism. They first analyzed the contents of the pond to note any unique safety concerns posed by the biological amalgam, and also made note

of the hazards posed by the pond's slippery plastic liner. PSC's team then created a schedule that ensured subcontractors and transport vehicles would be on site when needed, but never left idle with nothing to do. They also tracked load-hauling volumes and other information the customer needed for reporting purposes.

"It was a pleasure to have PSC's experienced team on our site. It was one-stop shopping from a project cost reporting standpoint. And I never felt that we needed to have a presence at your jobsite to see that things were done safely."

-Project Manager, Chemical Manufacturing Plant

To clean the pond, PSC used a hydraulic dredge and a two-meter belt press to dewater the mud-like mixture so it could be placed in roll-off containers and trucked to a nearby landfill for disposal. When the pond was cleared safely, the client removed the aging

polyethylene liner and replaced it with a new one.

In all, the dredging project took approximately four months to complete. Despite the many challenges associated with the scope of work, the project was completed with zero accidents or injuries, on time and on budget. PSC's efficient "one-stop-shop" approach earned praise from plant management, which enthusiastically expressed its pleasure with the PSC team's performance.



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