

Ohio River Oil Spill

Louisville, KY - March 2003

A valve was left open on a slop tank used by tow boat and barge operators to pump used oil from tow boats and barges in Louisville, Kentucky. Over 1,000 gallons of heavy slop oil ran into the Ohio River. After deploying hard boom the spill was contained about equally in two separate sites each containing just over 500 gallons. The Federal On Scene Coordinator (FOSC) was from the Ohio Valley Sector, USCG.

Site A - The Responsible Party (RP) called in a response company to begin the clean up using traditional mechanical methods such as: boats, skimmers, vacuum trucks, re-frac tanks, polypropylene pillows, sheets, booms, and pads. They also had a crew of nearly a dozen men on hand.

Site B – With concurrence from the USCG, FOSC, and the RP, C.I.Agent Solutions® began to clean up the second site. C.I.Agent® Granules were applied in loose form to the surface on the spill. This process was repeated until the oil formed a solid rubber-like blanket on the surface of the spill. Without the aid of a boat, two men began to lift the solidified oil from the surface with swimming pool skimming nets and placed it into containers for disposal. The entire site was oil free after 20 man hours by using C.I.Agent® Polymer Technology.



12 noon



3 p.m.



6 p.m.

C.I.Agent® Costs Comparison

	C.I.Agent®	Environmental Crew
Clean Up Period:	6 hours, 20 man hours	500 man hours
Materials:	962 lbs. of C.I.Agent® Granules	5000 absorbent pads 210 - 8" x 10' booms
Product Retrieved:	over 534 gals. of oil sludge	over 534 gals. of oil sludge
Waste:	approximately 2.5 tons of controllable waste	8 tons of waste
Total Cost:	\$18,653	\$100,000 + (estimate by contractor)