



LWD Incinerator



OWNER | LWD Site PRP Group
LOCATION | Calvert City, Kentucky
FACILITY TYPE | Liquid Waste Disposal

PROJECT BACKGROUND

LWD (Liquid Waste Disposal) was a 32-acre chemical incinerating and disposal company that began in the late 1960's in an industrial area of Calvert City, Kentucky. It was one of the largest facilities of its kind and over the years had accepted an estimated 1,270,000,000 pounds of hazardous materials from 4000 generators nationwide. Beginning in 1999, their excessive release of dioxins, letting tanks overflow into nearby ponds, and other environmental violations caused regulators to suspend LWD's permits on several occasions. Finally in 2003, the EPA closed the facility, LWD filed for Chapter 7 Bankruptcy, and the EPA later classified it as a Superfund site.



Brandenburg was hired by the PRP's to decontaminate the buildings and their contents including all equipment, tanks, drums, etc. and then demolish all buildings on site. Water used to decontaminate equipment was collected and recycled using 18,000 gallon Weir tanks and pumping it through Ion exchange resins. Dust from the furnaces & ductwork was vacuumed with truck-mounted "Super Suckers".



All residual chemicals were disposed of at approved facilities.



SCOPE OF WORK

Vacuum dust from all surfaces, including furnaces & ductwork

Pump tanks and dispose of all residual chemicals

Line building interiors with 6 millimeter poly

Set up negative air containments with HEPA filters

Pressure wash walls, ceilings, floors, equipment, pipes

Demolish all structures and recycle steel