

**ART**  
**Asset Recovery**  
**Technologies, Inc.**

**(800) 805- 0644**

**Asset Recovery Technologies Telecommunications Case Study**

**CENTRAL OFFICE (CO) – GROUND ZERO**

**Challenge:** On the evening of 9/11/01 ART was contacted and asked to evaluate the damage to D4 channel banks, multiplexers, fiber distribution frames and other transmission equipment contaminated by the disaster. ART conducted damage assessment of 9 floors of equipment, performing chemical sampling and visual inspection. At issue was need for practical recommendations to ensure on-going operations and cost-effective recommendations for repair versus replacement decisions.

**Solution:** After examination, ART furnished a comprehensive recovery plan aimed at cost-effective replacement of much of the equipment, while decontaminating and preserving the contaminated equipment that could not be replaced due to cost or availability. ART technicians and engineers decontaminated fiber optic distribution equipment and splices, and developed a unique contamination containment arrangement utilizing flame-retardant, anti-static plastic specially fitted with “zippered” openings for safe access to the equipment. This containment method was also utilized to secure RIP equipment prior to later removal, without hindering the first priority of service recovery.

**Value:** ART’s practical solutions avoided unnecessary and expensive environmental control and engineering measures while increasing the speed of service recovery. Our damage assessment helped enable cost-recovery for replacement equipment and resulted in the significant reduction of restoration costs. ART’s practical engineering approach allowed the client to continue operation, plan and perform repairs in a logical pattern, focus on immediate issues and avoid potentially enormous service outages with immense financial consequences.