

Aeronca Facility Demolition/Site Remediation

City of Middletown – Middletown, OH

Overview: WQSi self-performed the demolition of five structures onsite including a three story 140,000 sf steel framed factory, a two story office building, a boiler house, a 200,000 gallon fire water concrete AST, and a guard house. WQSi installed nearly 200 wells for monitoring and injection purposes to clean up the large chlorinated solvent plume.

Over 130,000 tons of concrete and asphalt were crushed and remained onsite. Over 60,000 tons of metal products were processed including copper, aluminum, and steel were recycled. Seven large transformers were recycled for reuse or scrap metal. The total cost of the project was over \$2 million with zero change orders.

Scope:

- Grading, Cut/Fill
- Demolition of Structures
- Concrete Removal
- Injection Wells
- Injection Services

Project Challenges and Innovative Technical Solutions resulting in benefits to the client:

Theft of recyclables became a very big problem on this job site. The owner kept the salvage value of recyclables and much of it was being removed during the night and on the weekends. WQSi work with local police and the owner and installed fencing to reduce the amount of material being removed from the site. WQSi also left the recyclables in larger sizes to make it harder for the thieves to remove it from the site.

Contaminates:

- Chlorinated Solvents
- PCB's



Permit Requirements:

- Local demolition Permits
- Utility Clearances
- Disposal Permit

Regulatory Agencies:

- Ohio EPA
- USEPA Region V
- Ohio VAP