



### **Former Wyman Gordon Manufacturing Complex Harvey, Illinois**

Fountainhead Engineering LTD (FHE) was retained by developers of a former manufacturing complex to develop a Compliance Plan as well as a Corrective Action Plan in order to address violations at a 50 acre multi parcel site issued by the Illinois Environmental Protection Agency (IEPA) against the municipality's demolition contractor.

FHE conducted supplemental environmental and infrastructure assessments to document existing conditions at the site prior to interim corrective actions after removal of the previous contractor. The firm coordinated the removal of solid waste and demolition debris of approximately 50,000 Cubic Yards (CY) at the site. Prior to starting this work FHE field services developed an onsite sorting and recovery program for segregation of potentially contaminated soil (PCS), wood, ferrous metal, brick and other demolition debris. A process piping bridge across railroad tracks that intersected the site was removed as were the remnants of several large structures initially demolished by the former contractor but not removed from the site.

FHE field Services used a mobile concrete reprocessing facility, which produced engineered materials (gravel) for use in new infrastructure improvements as well as for fill of former process tanks after removal of liquids and cleaning. Soil materials were segregated from demolition debris during onsite sorting operations. The soil was tested and a majority (of non-impacted soil) was used for landscaping purposes and for screening berms at the site. Ferrous metal recovered from the site (over 500 tons) was sold to a metals recycler to defray other cleanup costs. The volume of material requiring landfill disposal was reduced by 60% using the processes described previously. The remaining non-marketable materials (residual soils) were used as alternative daily cover at a sanitary landfill.

Shortly after cleanup FHE was retained by Brownfield developers and completed the rehabilitation of 10 acres as a intermodal and trans-load facility.