

Project Name

Regulatory Compliance Cost Evaluation

Client

Shield Alloy Metallurgical Corporation

Services Provided

- Identified On-site and Off-Site OSHA Concerns
- Reviewed Cost Estimates for Remediation of Capital Expenditures
- Provided Overall Assessment
- Identified Historical Practices at the Property
- Reviewed Compliance History

Project Description

SAI, in association with Wesley Van Pelt Associates, was retained by Strook, Strook, and Lowen to assess potential environmental and radiological cost liabilities associated with the manufacturing operations at two facilities. These facilities are located in Newfield, New Jersey and Cambridge, Ohio. Shield Alloy manufactures ferrous and non-ferrous metals and alloys at the two plants. Environmental and radiological concerns at the site included soil, groundwater, surface water, solid waste, and radioactive slag.

Approach

SAI devised a two-phase approach for the project.

Phase I included a preliminary file review and site visits to identify areas of potential contamination. SAI prioritized the environmental and radiological concerns at the sites, based on the Phase I Report.

Phase II involved in-depth reviews, regulatory compliance evaluations, and review of cost estimates for environmental and radiological remediation. SAI also provided “most likely” and “worst case” figures and presented the Phase II report to the Shield Alloy creditor’s committee.

SAI recommended closure in place for 450,000 tons of radioactive slag based on a draft proposed rule by the Nuclear Regulatory Commission. SAI also recommended a comprehensive site remediation management plan to meet regulatory requirements for both facilities while minimizing costs.

