

SUPERFUND

Representative Project Experience

KEY

PRP = Potentially Responsible Party
TERF = Tippecanoe County Local Environmental Response Finance
RD/RA = Remedial Design / Remedial Action
RI/FS = Remedial Investigation / Feasibility Study
IDEM = Indiana Department of Environmental Management

[SUPERFUND SITE - OPERATION AND MAINTENANCE, Tippecanoe Sanitary Landfill Superfund Site, Indiana](#)

KERAMIDA was retained by the TERF Board to perform all O&M Services, following completion of the remedial construction activities. The remedy included a cap, leachate and gas extraction and management, groundwater monitoring, wetlands construction and fencing. The scope of services includes the drafting and submission to IDEM/EPA of all reports required.

[SUPERFUND SITE - ON SITE MANAGEMENT AND MAINTENANCE, Four County Landfill, Indiana](#)

KERAMIDA was retained by the PRPs to provide all on-site maintenance activities and management of a closed hazardous waste landfill, including leachate management, cover maintenance, daily, weekly and monthly inspections, surface runoff management, NPDES permit sampling and compliance, security, and monthly report preparation for submission to regulatory agency.

[SUPERFUND SITE - CONSTRUCTION OVERSIGHT, Four County Landfill, Indiana](#)

KERAMIDA provided construction oversight of hazardous waste landfill as subcontractor to design consultant retained by PRPs. Construction included capping system, vegetative cover, leachate recovery system and ancillary piping and equipment.

[TIPPECANOE SANITARY LANDFILL - RD/RA, Indiana](#)

KERAMIDA was the Project Coordinator for the Remedial Design/Remedial Action (RD/RA), under contract with the Tippecanoe County Local Environmental Response Finance (TERF) Board. The firm serves as TERF Board's agent. KERAMIDA was responsible for all technical negotiations with the IDEM and U.S. EPA, the drafting of the technical portions of the Consent Decree, and the drafting of the Statement of Work. Due to timing demands, the RD/RA Consent Decree and Statement of Work were drafted, negotiated and signed in the record time of 60 days.

KERAMIDA developed the scope of work and request for proposal packet for the design/construction contractor and lead the TERF Board through the contractor selection process. KERAMIDA was responsible for all the RD/RA work performed by the design/construction contractor, including:

- Field work oversight
- Review and approval of all documents/reports for technical accuracy and quality
- Direction of design and other technical aspects to assure compliance with the Consent Decree in the most technically sound and cost-effective way to satisfy the site's technical and regulatory needs for the next 30 years

KERAMIDA was also responsible for the project's compliance with all RD/RA deadlines, preparation and submission of Monthly Progress Reports to IDEM/U.S. EPA, and compliance with public participation requirements.

[SUPERFUND SITE LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY, Indiana](#)

KERAMIDA was the oversight consultant on behalf of the PRPs, and provided active oversight management and technical consulting services with regard to RI/FS work performed by the PRPs at the site, including:

- Development and negotiation of RI/FS scope of work
- Implementation of the RI/FS
- Supervise the work of the PRP - hired contractor for direction, quality, accuracy and cost-effectiveness and review, revise and approve his work product and reports prior to submission to the PRP committee and to the EPA/IDEM (including the QAPP and other work plan documents)
- Monitor the progress of all work performed by the contractor to assure timely completion of work and submittals to regulatory agencies

- Receive, review and recommend action on contractor's invoices
- Maintain cost accounting records, files and systems for contractor on behalf of PRPs
- Produce and submit progress reports to PRPs, as required
- Serve as the liaison between the contractor and the PRP remediation committee
- Represent the PRPs and negotiate on technical issues on their behalf in meetings with the U.S. EPA, Region 5, the U.S. EPA Headquarters, the U.S. Department of Justice, IDEM, the Indiana Attorney General's Office, and the Indiana Department of Natural Resources
- Represent the PRPs in public hearings
- Identify and advise the PRPs of potential cost savings or cost reduction opportunities
- Assist PRPs in PRP search and allocation issues

SUPERFUND SITE LANDFILL RD/RA CONSENT DECREE AND STATEMENT OF WORK, Indiana

KERAMIDA assisted the entity that assumed the RD/RA responsibility, the Tippecanoe County Local Environmental Response Finance (TERF) Board, with negotiations with IDEM and the drafting of the Consent Decree and the Statement of Work. KERAMIDA also assisted the TERF Board in developing bid packages for technical contractors.

SUPERFUND SITE LANDFILL, Indiana

KERAMIDA represented a PRP (municipality) on the PRP remediation committee and in all technical, allocation, and regulatory negotiations with the other PRPs and state and federal agencies, regarding the clean-up of a large municipal landfill listed as a Superfund site. Activities included RI/FS review and evaluation, ROD revisions, Statement of Work/Conceptual Design review and evaluation, Consent Decree drafting review and Trust Agreement drafting review. A KERAMIDA representative co-chaired the PRP technical committee and successfully negotiated with the state and the EPA to achieve an innovative revision to the EPA proposed remedy, which reduced the clean-up cost by over 30%. In addition, KERAMIDA concluded that the organic contaminants found regularly in the adjacent stream could not have been coming from the superfund site, as determined by the EPA in the RI/FS, and that the proposed remedy would not correct the stream problem. KERAMIDA persuaded the EPA to conduct additional monitoring, and the source of the stream contamination was eventually found to emanate from an unrelated site.

SUPERFUND SITE WASTE TREATMENT, Indiana

KERAMIDA investigated the treatment options for the leachate and groundwater generated at an 80 acre Superfund municipal landfill and developed the conditions and technical requirements for the acceptance and treatment of the wastes by the municipal POTW. KERAMIDA convinced the EPA that this was the most cost effective and environmentally sound solution.

SUPERFUND SITE - ENVIRONMENTAL ASSESSMENT of multi-site major steel company, Indiana

KERAMIDA provided the following services:

- Record searches
- Interviews with federal and state RCRA and CERCLA personnel
- Site inspection
- Assessment of extensive groundwater, soil, surface water, lagoon and waste sample results
- Status of air, land and water regulatory and permit compliance
- Investigation of remedial and compliance needs
- Technical report for potential buyers

PRP REPRESENTATION at a site considered for inclusion in the NPL (Superfund), Indiana

KERAMIDA represented a major PRP (municipality), and conducted review of historical data and prepared an extensive response, with technical documentation, to EPA's CERCLA 104 request letter.

SUPERFUND REMOVAL/REMEDICATION SITES

KERAMIDA was awarded a two-year contract by IDEM to perform removal and remediation services at state-superfund sites.

SUPERFUND STATE-LEAD SITES - RI/FS Services, Indiana

KERAMIDA was awarded a two-year contract by IDEM to perform Remedial Investigations / Feasibility Studies at numerous Superfund sites in Indiana, where the state is the leading agency.

SUPERFUND STATE-LEAD SITES - Removal Services, Indiana

KERAMIDA was awarded a two-year contract by IDEM to perform Removal services at numerous Superfund sites in Indiana, where the state is the leading agency.

* Note: The names and locations of our clients have been withheld for reasons of confidentiality. References upon request.