

Professional Services

HCR is a one-stop shop for all your design and construction needs.



www.HCR-LLC.com



Our in-house licensed professionals give us the unique ability to handle everything from assessing client sites and developing remediation strategies to designing, constructing and installing custom remediation systems that meet your specific needs. We even provide monitoring and project management services to ensure optimal execution.

Handex Consulting & Remediation, LLC (HCR)

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System Engineering/Design, Construction & Installation



HCR's experienced teams of professional engineers and professional geologists remain hands-on throughout the entire design process. HCR interaction ensures that each project achieves the established cleanup goals on time and within budget. As part of the design phase, HCR provides a cost estimate for both the capital investment and life cycle of the proposed solution. HCR foremen and construction supervisors play an essential role in the project design phase to ensure practical implementation of the proposed remedy and project success.

HCR possesses a long track record of working on a wide variety of sites with varying site-specific conditions, systems and regulations, and has the experience as remediation experts to swiftly and economically service your needs with a high-quality design. HCR has been awarded multiple Prudential-Davis Productivity Awards for implementing construction savings and innovative designs in the industry of environmental remediation. Our engineering team may incorporate innovative solutions if conducive to the scope of work for your specific needs, and is prepared to design the most cost-effective solution for your site.

Our extensive experience allows us, in a timely manner, to provide the safe and efficient field engineering you need to make informed decisions that will best manage your risk and liabilities.

Professional Engineers, Geologists & Licensed General Contractors



HCR provides a full complement of highly skilled, licensed, trained, and safety-focused environmental professionals. Our team of specialists will ensure that your project is executed seamlessly, safely and within the agreed upon scope, schedule and budget.

HCR employs a staff of approximately 100 engineering, environmental and construction professionals whose credentials include:

- Professional Engineers (PEs)
- Professional Geologists (PGs)
- Licensed Site Remediation Professionals (LSRPs)
- Pollutant Storage Systems Contractors (PSSCs)
- General Contractors (GCs)
- Licensed Underground Utility and Excavation Contractors
- Licensed Wastewater Treatment Operators
- Licensed Drillers
- Licensed Electricians
- Licensed Pump Installers
- Licensed Mold Assessors and Remediators
- CDL Licensed Staff
- Certified Health and Safety Professionals
- Certified Project Management Professionals (PMPs)
- Certified Subsurface Evaluators
- Qualified Stormwater Management Inspectors
- Qualified Heavy Equipment Operators

Licensed Site Remediation Professional (LSRP) Oversight



HCR's senior consulting professionals and state of New Jersey licensed site remediation professionals (LSRPs) are ready to provide the appropriate level of environmental consultation to meet regulatory requirements for your engagement. All investigation, mitigation and remediation activities overseen by our senior staff are conducted with adherence to all applicable state rules and regulations. Our personnel use professional judgment to develop remedial action work plans for your project and then oversee proper execution of all remedial and mitigation actions. Work plans are updated as needed when additional information concerning your site becomes available.

Environmental Site Assessments & Remedial Investigation



HCR provides a full complement of real estate portfolio and individual site management services, including brownfields support and Phase I and II Site Assessment services, to help clients make informed decisions about properties they currently own or are evaluating for purchase or divestment. HCR completes non-invasive Phase I Environmental Assessments following standards of the American Society for Testing and Materials (ASTM) Standard Practices for Phase I Environmental Assessments (E1527, E1528 and E1903).

In addition to Phase I and II Site Assessments, HCR routinely performs Preliminary Assessments/Site Investigations, Remedial Investigations/Feasibility Studies, and Vapor Intrusion Assessments to identify potential or existing environmental contamination liabilities and determine the nature and extent of contaminated areas of concern on site. If remedial action is necessary to remedy existing contamination, HCR will evaluate alternative remedies for site remediation to minimize impact of potential receptors, including waterways, commercial businesses and private residences. HCR conducts environmental due diligence according to all applicable state and federal regulations.

Typical assessments include:

- Identification of potential areas of concern
- Thorough inspection of the property surface
- Water, air and soil characterization
- Collection and analysis of environmental samples
- Subsurface/soil characterization and evaluation by a geologist or hydrogeologist
- Sensitive receptor evaluation
- Fate and transport assessment
- Optional asbestos, lead and mold testing

Vapor Intrusion/Indoor Air Investigation/Remediation



Vapor intrusion is the migration of petroleum or chemical vapors from below ground into overlying buildings, creating a health hazard for building occupants. HCR environmental solutions are not confined to only industrial or petroleum facilities, but can also extend to commercial and residential buildings that may be a significant distance from the source of contamination. Affected residents, industry leaders and regulators are well aware of the risks associated with vapor intrusion. Swift action is necessary to identify and address these issues, particularly at “sensitive receptor” sites such as day care centers and schools. Safe indoor air quality is an important component for a healthy and productive living and working environment.

HCR provides the following indoor air quality and vapor intrusion services for your business, residential or commercial properties.

- Risk assessment and preliminary investigations
- Indoor air and sub-slab vapor testing
- Design and installation of residential and commercial mitigation systems
- Source investigations
- Design and installation of soil and groundwater remediation solutions
- Operation and maintenance services

HCR has the expertise to help you understand if your facility, building or residence is at risk. We provide reliable solutions that will allow you to fully comply with recent regulatory changes and keep occupants healthy and safe, including 24/7 air monitoring programs. HCR tests for, evaluates and mitigates vapor intrusion quickly and cost-effectively. Our scientists and engineers have years of experience conducting vapor intrusion risk assessments and investigations. If we find a problem, we can design and install immediate response measures and permanent solutions.

Natural Attenuation Monitoring/Compliance Monitoring/ Site Closure



HCR has experienced personnel that are trained to perform site and system decommissioning services, which allow an asset to be transitioned from an environmental liability to a profitable business entity. HCR employs remedial methods so that site closure is complete and defensible. When HCR closes a site, clients rest assured that the contamination has been fully delineated, treated and managed with the best remedial techniques available. HCR has performed these and similar services for clients such as major developers, major oil companies, automobile dealerships, banks, real estate firms and pharmaceutical manufacturers.

These services include:

- Facility decontamination
- Lead, asbestos and mold assessment and abatement
- UST/AST removal
- Building demolition
- Site reconstruction

HCR personnel take pride in leaving a site in equal or better condition than before our work begins. HCR's teams do not consider a project completed until the site has been decontaminated, backfilled with topsoil and/or certified clean fill as appropriate, graded and cleared, re-vegetated as needed and returned to the owner for beneficial reuse. If an installed treatment system needs to be decommissioned, HCR has the manpower and resources to demolish the system and restore the site as appropriate.

Project Management



HCR project managers have very successfully engaged in supporting our clients' environmental risk management efforts at the local level.

HCR aligns our goals of client satisfaction and quality production with your environmental goals, making you a partner, not just a client. Every client receives individualized support from our dedicated project managers for the duration of their projects. These senior managers work directly with you and are available to you throughout the life cycle of your project. Through our individualized training, QA/QC audits, standard operating procedures and effective communications, all project management goals are consistently achieved. By combining customized solutions and efficient management plans, HCR provides high-quality environmental solutions through our project management personnel that will exceed your expectations.