

## SITE REMEDIATION



### Soil and Groundwater Remediation

The EcoTec team of Engineers, Environmental Scientists and Environmental Technicians can design, construct and manage a vast array of the remedial systems designed to cleanup a site from a wide range of contaminants. Our team has experience in subsurface excavation and disposal of contaminated media, in-situ bioremediation and chemical oxidation systems, vacuum enhanced fluid and vapor recovery, groundwater extraction and treatment.

### Tank Closure Assessments

Federal and State laws require that during removal of your Petroleum or Chemical Bulk Storage Tank a site assessment be performed to identify any potential contamination from the storage tank. A tank closure assessment does not need to be costly or involved process that's why our team at EcoTec have a combined 30 years of experience in properly documenting and reporting a tank removal.



### Environmental Compliance Audits



Environmental Compliance Audits give a better understanding of the compliance status of a facility or business and its operations. Our Team at EcoTec can perform environmental compliance audits to help Owners, Operators and Facility Managers identify opportunities for environmental management system improvements, reductions and/or the elimination of any would-be legal and financial liabilities.

EcoTec can help your business or facility understand the importance of conducting Environmental Regulatory Compliance Audits in order to identify environmental liabilities of a facility's operations, such as: improper handling, storage or disposal of hazardous substances; petroleum bulk storage handling, storm water management improper permitting and record keeping that can lead to significant fines. A thorough compliance audit should assist an owner or facility manager with correcting these concerns to limit penalties and liability.

### Vapor Intrusion and Indoor Air Quality Studies

Vapor Intrusion is a fast-growing concern for indoor air quality when dealing with contaminated soil and groundwater chemical vapors, particularly semi-volatile or Volatile Organic Compounds (VOCs) migrating from below the ground. They can also migrate through the floor slab, depending on the identified compounds.

Vapor can sometimes migrate further than soil or groundwater contaminants, and therefore pose a greater human health risk due to the prevalence of the vapor interaction and the difficulty of avoiding exposure. The identification of a vapor intrusion may also result in safety hazards as well as a decrease in property value and/or remediation or mitigation for a property to be viable and habitable.

Our team at EcoTec can perform investigations to identify sources or vapor intrusion as well as perform indoor air quality assessments to identify the presence of these chemicals indoors. Our team can successfully design and install and vapor intrusion mitigation measures such as vapor barrier installations and sub slab depressurization systems.