



## EXCALIBUR GROUP, LLC

- EXPERIENCE
- PROFESSIONAL RESOURCES
- COST EFFECTIVENESS
- COMPREHENSIVE STRATEGIES



# PETROLEUM SPILL SOLUTIONS

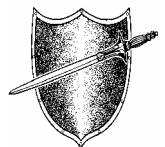
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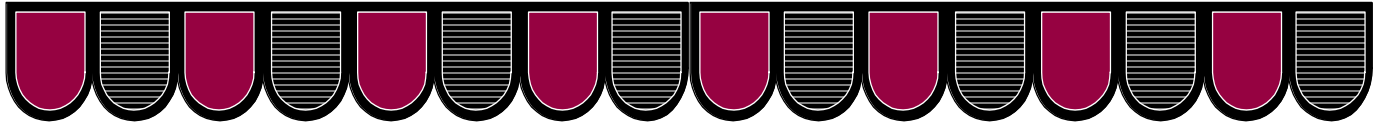
*"...the insight, technical expertise and recommendations by Excalibur Group, has been outstanding and genuinely valued in our decision-making process. We truly enjoy working with them..."* - Petroleum Chain Environmental Manager

*"...Excalibur's significant field experience, technical expertise, and investigative, engineering and remediation skills have helped address several hundred complex claims and avoid millions of dollars in unsubstantiated and unnecessary costs...."* - Director, Petroleum Insurance Claims Administrator.

EXCALIBUR specializes in solving petroleum and organic solvent contaminant problems with customer's business objectives in mind, providing top-ranked services at reasonable prices. Focused on earning clients' repeat business, EXCALIBUR brings innovative environmental strategies that account for project-specific regulatory, technical and economic variables within context of clients' operations/ business goals. EXCALIBUR enables its clients to make informed business decisions by providing the technical, regulatory, present value cost and schedule basis of viable and practical petroleum spill response alternatives.

To learn more about EXCALIBUR and its services, staff, references, and recent technical publications, please visit their web page at [www.excaliburgrpllc.com](http://www.excaliburgrpllc.com)





# RELEVANT PROJECT EXPERIENCE

EXCALIBUR earned its industry reputation by successfully serving small, mid-size and many of the largest corporations and challenging petroleum cleanup and other projects in the environmental business. As technical leaders on the front line of virtually hundreds of high-visibility projects, EXCALIBUR has demonstrated superior creativity, resourcefulness, negotiating skills, and a goal oriented vision. Recent environmental projects awarded to EXCALIBUR comprise a broad range of engineering, site closure/remediation, and consulting assignments. Examples of these and other successful projects and the associated client benefits are summarized below.

## EXCALIBUR GROUP, LLC

- ♥ Currently, serve as senior third party technical review firm on \$280M Pennsylvania Petroleum Underground Storage Tank Indemnification Fund. *Saved \$15M in unjustified and unsubstantiated remediation and O&M claims over the past 10 years.*
- ♥ Designed, installed and operate comprehensive groundwater and MTBE/petroleum containment and treatment system for major fuel supplier's fuel terminal located uphill from town water supply well. *Technical expertise and fast-track schedule completely offset threatening regulatory repercussions.*
- ♥ Designed/installed and currently operate a multiple phase soil/groundwater/vapor treatment system for petroleum and other contamination at major paint plant in Baltimore, MD. *Negotiated very favorable risk-based cleanup standards and constructed and operated system beneath busy facility under budget, without any plant disruptions.*
- ♥ Designed, installed and operated a soil vapor extraction system to address volatile organic compound (VOC) contaminated soil. Instead of building an expensive, traditional central treatment compound piped to the two distant locations, Excalibur convinced USEPA and the State regulatory control authority to allow alternative treatment of the two areas using a mobile remediation compound that could be tied into area-specific networks of subsurface components totally designed, engineered, installed, maintained and operated by Excalibur. This resulted in significant project efficiencies, cost savings, cash flow benefits, and fewer facility disruptions completed within the project budget.
- ♥ Excalibur staff assessed the immediate problem of an oily seep on two hillsides, evaluated options for capture and treatment of the oily groundwater, designed and currently operate / maintain, and routinely monitor / report upon a groundwater/ seep interceptor system over many years. The creative design allowed the contaminated groundwater seeps to be captured while allowing clean storm water to pass by without being captured and treated. Over 8 million gallons of water have been captured before entering the river and treated to date.

