



Founded in 1997, XDD specializes in site exit strategy development, remedial alternative analysis, regulatory negotiation, laboratory and field pilot testing, and full-scale implementation of innovative soil and groundwater remediation technologies. XDD clients include a wide variety of private Fortune 500 manufacturing companies (serving the automotive, specialty chemical, pharmaceutical, electronic, and machinery industry), petroleum companies, and utility companies involved in gas and electrical generation, transmission and distribution. XDD also serves a number of federal entities including the U.S. Environmental Protection Agency, the U.S. Army Corps of Engineers and various branches of the Department of Defense.

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Brant A. Smith, P.E., Ph.D.
Senior Engineer & Laboratory Director
XDD, LLC

Dr. Smith is a senior engineer and director of XDD's treatability laboratory in Stratham, NH and has over 10 years experience working with and researching site remediation and remedial technologies. He received his Ph.D. in Civil Engineering in 2004 from Washington State University where his research focused on the destruction of DNAPLs using in-situ chemical oxidation (ISCO) technologies. He holds a Masters in Civil Engineering from Washington State University and a Bachelors of Science in Civil Engineering and Economics from Worcester Polytechnic Institute. He is also registered as a Professional Engineer (P.E.) in the state of Washington. Currently, Dr. Smith's interests include the research, design and application of various ISCO technologies, including activated persulfate and Fenton's reagent. The results of his research have been published in journals including *Environmental Science and Technology*, *Journal of Contaminant Hydrology*, *Environmental Toxicology and Chemistry* and he has made numerous presentations at national conferences.

Dr. Smith can be reached at 603-778-1100 or smith@xdd-llc.com .