



## **RICHARD TROAST, PhD**

### **Troast Environmental Consulting, LLC**

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#### **AREAS OF EXPERTISE**

- Risk Assessments for Lead and Lead-Based Paint
- Risks of Exposure to Metals
- Laboratory QA / QC
- Drinking Water Risks
- Risks from Toxic Chemical Exposure
- Environmental Assessment

#### **PROFILE**

Dr. Troast and associates provides toxicological consulting assistance to attorneys, public interest groups, local and foreign governments and private citizens. Dr. Troast has over 30 years' experience in pesticides, hazardous chemicals, remedial site cleanups (i.e. Superfund), and toxic chemical identification and regulation. His specialty is lead toxicity and exposure, especially from lead paint and contaminated water. He has published in peer reviewed journals his findings on lead and its risk. Dr. Troast has been accepted as an expert under both Frye and Daubert standards. He has testified in numerous depositions and trials.

Dr. Troast has used his extensive experience to provide technical assessments which lay out the exposure and risks to populations from contaminated soil and water. Dr. Troast's skills in the use of risk models, especially for lead allow him to make recommendations for remediation of hazardous waste sites at EPA and to support individual clients concerned with lead paint and lead wastes around residences and neighborhoods. Dr. Troast received numerous awards while at the USEPA for advancements in Science.

During his career at the USEPA he authored and edited EPA reviews of publications describing the effects of lead and other chemical hazards. Prior to his work in the Hazardous Waste programs of EPA, Dr. Troast was a senior manager and scientist in the chemical assessment program of the Office of Toxic Substances at EPA. His involvement was direct and hands on and was instrumental in providing assessments of many toxic and high production/exposure chemicals. These assessments lead to the chemical industry updating their data files using approved test methods which included good laboratory practices and QA/QC programs. Upon leaving the USEPA, Dr. Troast has also participated in international environmental activities focusing on improving hazardous waste control in the Middle East and has presented seminars in Europe on these topics. He has authored, co-authored or presented many reports on methods for identifying bioindicators of exposure and toxicity of lead and other metals.

#### **SERVICES PROVIDED**

Expert witness representation risks from exposure to lead and other hazardous chemicals. Dr. Troast can also conduct broad based comprehensive reviews for assessing exposures to at hazardous waste sites such as National Priority List (Superfund) sites and areas of concern to local populations such as drinking water supplies. Dr. Troast also provides representation for public and private organizations before regulatory and advisory of governmental organizations.

#### **EXPERIENCE**

Dr. Troast has assisted both plaintiff and defense attorneys in litigations of experts to metals and other hazardous chemicals. He has testified in Federal and State Courts.

#### **EDUCATION**

- Ph.D. George Mason University, 2006, Environmental Science and Toxicology
- M.S. West Virginia University, 1971, Biochemistry
- B.A. West Virginia University, 1969, Biology

#### **PROFESSIONAL MEMBERSHIPS**

Society of Toxicology; Society of Environmental Toxicology and Chemistry; American Association for the Advancement of Science; American Chemical Society