

# STATEMENT OF QUALIFICATIONS

## **Mark T. Ellis**

President, Ellis Environmental Services Inc. (incorporated February 1990, Utah), Lone Peak Remediation, Inc. (incorporated April 1999, Utah) Certified, Utah Solid and Hazardous Waste Control Board as Consultant (CC19), Tank Remover (TR0120) and Groundwater and Soil Sampler (GS-0081). Certified as Environmental Manager in Nevada, #EM-1191. Qualified, Arizona Consultant. 40 hour hazardous materials management (29 CFR 1910.120). Trained in land appraisal principles with Basic Principles of Land Appraisal and USPAP classes. B.S. Zoology from BYU in 1978.

Inventor of Subsurface Metabolism Enhancement (SME\_) hydrocarbon remediation system, Patent # 6,464,005. Inventor of Fuel Vault™, Patent #5,037,239, interest sold to Olsen-Beal Associates.

Vice-President of Environmental Services, Olsen-Beal Associates, Orem, Utah. Directed development of Fuel Vault™. Provided environmental services for the petroleum, real estate industries (1990-1991).

Director of Environmental Services, Westech Fuel Equipment, Murray, Utah. Provided environmental assessment and tank closure services to owners of underground storage tanks (1989-1990).

Manager of the Utah Underground Storage Tank Program with the Utah Bureau of Solid and Hazardous Waste. Responsible for development and implementation of Utah's UST/LUST program (1987- 1989).

Member of UST/LUST Task Force with ASTWMO, a national task force of State Program Managers that assists State agencies in implementation of the UST program (1988- 1989).

Acid Rain Coordinator for the State of Utah, directing the State ADTAC group, membership in the regional, multistate WESTAR, and the WAD Task Force (1984-1987).

Air Quality Compliance Officer for the Utah Bureau of Air Quality, with enforcement responsibilities for major Utah industries, including U.S. Steel-Geneva Works, Chevron USA, Pacific States Cast Iron Pipe Company, Amax Magnesium and General Refractories Company (1980-1981, 1984-1987).

Water Quality Specialist with the Utah Bureau of Water Pollution Control, with duties including water quality data interpretation, reporting on the international Colorado River salinity treaty to the U.S. Congress, collecting water and biological samples statewide (1981-1984).

Environmental experience and management includes:

- Citations from Utah Governor (1) and Utah Division of Environmental Health (2) for excellence
- UST closures, including the required site assessments for over 384 tanks
- Phase I and II environmental audits at over 309 properties
- LUST abatement and remediation projects at over 90 projects
- Installation/design of Fuel Vault™ facilities at 6 sites
- Research and installation of closed and open loop fisheries at 4 projects
- Hazardous waste compliance at 45 sites
- Air Quality compliance at 11 sites
- Water quality projects at many sites including LUST projects and stormwater plans
- Projects completed in 13 States (AK, AZ, CA, CO, ID, IN, MT, NV, PA, TN, UT, WA, WY)
- Qualified as Expert Witness in Utah and Arizona courts, 11 projects.