

Benjamin Thomas, Underground Storage Tank Professional

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Summary

Ben Thomas brings to the petroleum industry over 19 years of experience, networking and ideas to help owners and inspectors solve complex technical problems in the management of underground storage tank systems. Mr. Thomas' experience goes back to 1986, where he supervised UST removals in Vermont. Between 1989 and 1995, Mr. Thomas oversaw cleanup of leaking UST sites in northern Alaska. From 1995 to 2002, he ran Alaska's UST leak prevention program. Mr. Thomas gained national attention for his innovative work in web page development, outreach material, financial responsibility compliance, and most notably the Alaska third party inspection program. Mr. Thomas left Alaska in 2002 to focus fully on his own business and concentrate his interests in education, training, outreach, and program development.

Current Enterprises

- **Ben Thomas Associates, Inc.** Consultant. Since November of 2001, Ben Thomas provides consulting services to clients in the UST industry throughout the United States. He also provides training for UST government inspectors and UST owners and operators; develops original outreach material; creates interactive, web-based training programs; consults and analyzes UST management programs; performs facility audits; and serves as an expert witness. Clients include United States Air Force, United States Post Office, United States Environmental Protection Agency, Georgia Institute of Technology, University of Wisconsin-Madison, State of Maine, State of New Jersey, State of Montana, State of Idaho, State of New Mexico, City of Chicago, Inter Tribal Council of Arizona, Indian Health Services, Cherokee Nation, Seneca Nation of Indians, National Institute for Storage Tank Management, Oregon Petroleum Association, Northwest Pump, National Testing Contractor Association, C-Store Canada, ABS Consulting, Fred Meyer, Albertsons, American Petroleum Institute, Tesoro Petroleum, BP/ARCO, ConocoPhillips and over 500 small independent UST owners and operators.
- **Petroleum Training Solutions.** Partner. In 2004, Ben Thomas helped create and now runs a business partnership to provide live seminars, webinars, and internet-based training to the petroleum industry. Clients include the Petroleum Equipment Institute.
- **E² Inc.** Contract Employee. Since 2006, Ben Thomas has been a contract employee of E² Inc., a firm that provides term contract services to the US EPA's Office of Underground Storage Tanks. Ben Thomas provides research, analysis and expertise on UST matters.

Previous Experience

- **Alaska Department of Environmental Conservation,** UST Leak Prevention Program Coordinator, February 1995 to June 2002, Juneau, Alaska. Duties included: designing and administering the Alaska third party inspection program, including outreach, technical assistance, reviewing, tagging and enforcement of UST systems; licensing, training and administering of UST workers and inspectors; developing statewide enforcement policies for leak detection, spill prevention and financial responsibility; chairing the Alaska Technical Review Committee to review/improve ICC UST exams; assisting the public in interpreting UST regulations by phone, e-mail and in person, and by developing and presenting workshops, newsletters, media interviews, web sites, public notices and mass mailing; administering the Financial Responsibility compliance program; acting as web administrator for UST program for development and maintenance; and performing UST site inspections and training for operators.

- **Alaska Department of Environmental Conservation** Leaking UST Project Manager, October 1990 to February, 1995, Fairbanks, Alaska. Duties included: reviewing leaking Underground Storage Tank and Contaminated Site investigations and corrective action plans for technical and regulatory compliance; managing cleanup activities at approximately 100 active contaminated sites; developing and reviewing regional program policy documents; conducting field investigations regarding the discharge spills of hazardous substances; developing, mediating, and implementing multi-party agreements for regional ground water investigations; preparing and overseeing cleanup grants for term contractors; and providing technical and regulatory assistance to officials, media, and the public.
- **Alaska Department of Environmental Conservation** College Intern IV, May 1989 to October 1990, Fairbanks, Alaska. Duties included: developing and reviewing regional pollution control policy plans; investigating hazardous substance spills and monitored site cleanup activities; and assisting the public in understanding environmental regulations.
- **Vermont Department of Environmental Conservation**, Environmental Technician, August 1986 to August 1987, Waterbury Vermont. Duties included: supervising the removal of leaking underground storage tanks; directing on-site environmental remediation; conducting sampling and analysis of soil and ground water conditions; and assisting the public in understanding environmental regulations.

Education

- **University of Alaska-Fairbanks**, September 1987 to May 1990, Fairbanks, Alaska
Bachelor of Science in Natural Resources Management, May 1990
Emphasis: Environmental Law, Resource Policy, and Rural Development
- **Sterling College**, October 1983 to June 1985, Craftsbury Common, Vermont
Associate of Arts in Natural Resource Management, June 1985
Emphasis: Social, Economic and Ecological aspects of Resource Management

Professional Organizations and Memberships

- **Washington Oil Marketers Association**-2007-present
- **Petro-Tite**, Tightness Tester-2003-2005
- **Steel Tank Institute**-2003-2005
- **Petroleum Equipment Institute**-2003-present
- **Oregon Petroleum Association**-2003-present
- **Steel Tank Institute** Corrosion Tester-2001-2005
- **EPA UST/LUST Conference Planning Committee**-2001-02
- **EPA Region 10 States UST Operation and Maintenance Group**-2001
- **ASTSWMO UST Task Force**- Association of State and Territorial Solid Waste Management Officials-1999-2002
- **Underground Storage Tank Technical Review Committee**- Alaska Advisory Committee for UST Worker Examination, Chair, 1995-2002
- **International Conference of Building Officials**- Underground Storage Tank Certification Advisory Committee, Member, Whittier, CA, 1995-00, Chair 2000-02
- **American Society of Testing and Materials Subcommittee**-Development of UST Facility Compliance Inspection Program, Washington DC, 1996
- **Division Information and Technology Workgroup**- ADEC, 1995-99

Workshop Presenter/Organizer

- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, Dallas, TX Apr. 29-30, 2008
- **Advanced Inspector Training for Automatic Tank Gauge Systems**, Waukesha, WI Apr. 15-16, 2008, 2008
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, Atlanta, GA Mar. 20-21, 2008
- **Veterans Administration UST/AST 2-Day Seminar**, Syracuse, New York, Mar. 13-14, 2008
- **UST Service Provider Seminars**, Oregon DEQ, Mar. 3, 2008 in Eugene, OR, and Mar. 5 and 6, 2008, Portland, OR
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, Seattle, WA, Feb. 12-13, 2008
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, Washington DC, Jan. 9-10, 2008
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, Edison, NJ, Dec. 12-13, 2007
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, San Juan, PR, Dec. 4-5, 2007
- **Operator Training Plenary Session**, ASTSWMO State - EPA Energy Policy Act Implementation Meeting, Washington, DC, Nov. 27-28, 2007
- **Intermediate and Advanced UST Inspector Training**, Kentucky DEP, Frankfort, KY, Nov. 26-30, 2007
- **Advanced Inspector Training for Automatic Tank Gauge Systems**, Appleton, WI, Nov. 14-15, 2007
- **NISTM 3rd Annual UST Conference**, Atlanta, GA, Nov. 5-6, 2007
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"**, Oct. 17-18, 2007, Washington DC
- **Oregon UST Operator Training**, Portland, OR, Oct. 3, 2007
- **UST Operator Training: Building for Success** Webinar, EPA Region 10, Olympia, WA, Sep. 26, 2007
- **Class A and B Operator Training**, Petroleum Marketers & Convenient Storage Association of Kansas, Hutchinson, KS, Sep 25, 2007
- **Advanced Inspector Training on Automatic Tank Gauge Systems**, State of Wisconsin, Wisconsin Dells, WI, Sep. 10-11, 2007
- **UST Operator Training: Building for Success Webinar**, EPA Region 6 UST Inspector Conference, Dallas TX, Sep. 5, 2007
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"** for Federal Facilities, Atlanta, GA, Sep. 4-5, 2007
- **Two-Day UST Inspector Seminar**, Seattle, WA, Jul. 18-19, 2007
- **UST/AST Inspector Refresher**, City of Chicago, Chicago, IL, May 13, 2007
- **"Everything You Wanted to Know About Tanks But Were Afraid to Ask"** for Federal Facilities, New York City, May 2, 2007, San Francisco, CA, May 23, 2007
- **UST Service Provider Seminar**, Oregon DEQ, Eugene and Portland Oregon, Feb. 6, 7 and 9, 2007
- **UST Operator Training**, Indian Health Services, Albuquerque, NM, Nov. 2, 2006
- **UST/AST Operator Training**, Seneca Nation of Indians, Salamanca, NY, Aug. 30, 2006
- **UST Operator Short Course**, Prosser, WA, Aug. 16, 2006
- **UST/AST Inspector Training**, City of Chicago, Chicago, IL, May 16-18, 2006
- **Automatic Tank Gauge Training**, Cherokee Nation, Albuquerque, NM, May 9, 2006
- **UST Inspector Training**, NWETC, OR, Apr. 20-21, 2006
- **Automatic Tank Gauge Training**, National Tanks Conference and Expo, Memphis, TN, Mar. 19, 2006

- **On-Line UST Operator Training**, National Tanks Conference and Expo, Memphis, TN, Mar. 21, 2006
- **UST Inspector Training**, Albuquerque, NM, Mar. 1, 2006,
- **UST Seminar**, Albuquerque, NM, Feb. 28, 2006
- **Everything You Need to Know About Automatic Tank Gauge Systems**, Seattle, WA, Feb. 2, 2006
- **UST Operator Training**, Indian Health Services, Albuquerque, NM, Jan. 24-25, 2006
- **The 2005 Energy Act and UST Performance Studies**, King County Bar Environmental Group, Seattle, WA, Dec. 18, 2005
- **2nd Annual Conference on Underground Storage Tanks, National Institute for Storage Tank Management**, Orlando, FL, Nov. 9-10, 2005
- **Inspector/Installer Refresher Training**, Montana Department of Environmental Quality, Helena, MT, Oct. 5-6, 2005
- **UST Inspector Training**, Northwest Environmental Training Center, Seattle, WA, Sep. 28-29, 2005
- **Advanced UST Inspector Training for Automatic Tank Gauges**, Inter Tribal Council of Arizona, Kings Beach, CA, Aug. 15-16, 2005
- **What Now? What Next? The Present and Future Status of UST Regulations**, ABS Consulting, Jul. 25, 2005, On-line webinar
- **UST Inspector Training**, US Postal Service, Lynnwood, WA, Jun. 8, 2005
- **Idaho UST Operator Training**, Boise, Idaho, May 3, 2005
- **Environmental Management Systems and USTs**, US EPA UST/LUST Conference, Seattle, WA, Mar. 1, 2005
- **UST Operator Training Initiatives**, 1st Annual UST Conference and Trade Show, National Institute for Storage Tank Management, Orlando, FL, Dec. 9-10, 2004
- **UST Inspector Training**, New Jersey Depart. of Environmental Protection, Princeton, NJ, Oct. 4-7, 2004
- **Privatizing UST Operator Training? Six Essential Elements of Success**, US EPA UST/LUST Conference, New Orleans, LA, Mar. 1, 2004
- **Oregon UST Operator Training**, Ben Thomas Associates, 60+ classes since June 2003 in Portland, Medford, Roseburg, Bend Pendleton, Eugene, Albany, OR
- **The Secrets of Highly Effective Inspectors**, EPA UST/LUST Conference, San Francisco, CA, Mar. 12, 2003
- **Significant Operational Compliance**, Steel Tank Institute Annual Meeting, Las Vegas, NV, Feb. 5, 2003
- **Underground Storage Tanks for Alaska Managers and Operators**, Joint Regional Environ. Training Center, Fort Richardson, AK, Dec. 9-11, 2002
- **Underground and Aboveground Storage Tank Inspection**, University of Wisconsin, Madison, WI, Dec. 3-5, 2002
- **UST Third Party Inspector Training**, ADEC, Juneau, AK, Jun. 6, 2002
- **Passing Third Party Inspectors for UST Operators**, Juneau, Fairbanks, Wasilla, Anchorage, and Kenai, AK, ADEC, Apr. 30-May 5, 2002
- **Compliance Inspections for USTs**, Georgia Tech, Atlanta, GA, Feb. 12-14, 2002
- **Tackling UST Operational Compliance**, ASTSWMO, Wash. DC, Oct. 22-23, 2001
- **UST Third Party Inspector Training**, ADEC, Anchorage, AK, Jul. 12-13, 2001
- **Operational Compliance: The Full Meal Deal and Privatizing UST Inspections**, UST LUST National Conference, Albuquerque, NM, Mar. 20-21, 2001
- **Passing Third Party Inspectors for UST Operators**, Juneau, Fairbanks, Anchorage, and Kenai, AK, ADEC and Marcel Moreau Associates, Apr. 9-13, 2001
- **Results of Alaska's New UST Inspection Program**, NACE 2001 Northern Area Western Conference, Anchorage, AK, Feb. 28, 2001

- **Privatizing Operational Compliance on USTs**, 3rd Annual CalCUPA Forum, Burbank, CA, Feb. 6, 2001
- **UST/AST Conference**, Keynote Speaker, American Petroleum Institute, Austin TX, Sep. 19, 2000
- **UST Third Party Inspector Training**, ADEC, Anchorage, AK, Jun. 27-28, 2000
- **USTs for Operators**, ADEC, Kenai May 24, 2000, Fairbanks, AK, June 7, 2000
- **The Future of USTs**, EPA UST/LUST Conference, Portland, OR, Mar. 21, 2000
- **UST Inspector Training**, ADEC, Anchorage, AK, Feb. 29- Mar. 3, 2000
- **UST Inspector Training**, ADEC, Anchorage, AK, Nov. 31-Dec. 3, 1999
- **Integrity Assessment**, EPA, National UST/LUST Conference, Daytona Beach, FL, Mar. 17, 1999
- **UST 1998 Deadline**, Alaska Municipal League, Fairbanks, AK, Nov. 9, 1998
- **UST Program Overview**, US Public Health Service, Anchorage, AK, Aug. 27, 1998
- **UST Financial Responsibility**, EPA, Austin, TX, Mar. 24, 1998
- **UST Financial Responsibility and UST Internet Resources**, EPA, UST/LUST Conference, Long Beach, CA, Mar. 20- Apr. 1, 1998
- **Don't Wait 'Til 1998: Replace, Upgrade or Close your UST**, ADEC, Ft. Richardson, AK, May 20, 1997
- **Don't Wait 'Til '98: Replace, Close your UST**, ADEC, Fairbanks, Anchorage, Kenai, Juneau, and Ketchikan, AK, Mar. 17-21, 1997
- **Tanks on the Net: UST Resources on the Web**, EPA, Charlotte, NC, Mar. 10-12, 1997
- **The Environmental Regulations Course**, Executive Enterprises, Anchorage, AK, May 16-17, 1996
- **Environmental Issues**, Birch Horton Bittner, Fairbanks, AK, October 12, 1995

Web-Based Applications

- **US Veterans Administration:** UST/AST video training seminars. Developed, scripted and acted in 7 video training modules on USTs and ASTs. 2007
- **Idaho TankHelper:** Developing computerized compliance assistance tool for the State of Idaho. 2006-07
- **Montana TankHelper:** Developed an on-line UST operator class for the State of Montana Department of Environmental Quality. 2005. <http://tankhelper.mt.gov> (Winner of 2006 Best of the Web and Digital Government Achievement Awards for Government to Business category.
- **Petroleum Equipment Institute's Learning Center:** Created on-line training program for UST Operators. 2003 to present. <http://www.pei.org/learn>
- **Titan Management Group, LLC:** Helped create a searchable on-line regulations database for 23 states for a major oil company. 2003-04.

Training and Workshops Attended

- **NEIWPC UST/LUST National Conference and Expo**, 2008, Atlanta, GA , Mar. 16-19, 2008
- **2007 Petroleum Equipment Institute Trade Show** at the NACS Trade show, Atlanta, GA, Nov. 7-9, 2007
- **19th Annual Tanks Conference and Exposition**, San Antonio, TX, Mar. 5-7, 2007
- **Petroleum Equipment Institute Convention**, PEI, Las Vegas, Oct. 9-11, 2006
- **18th Annual Tanks Conference & Exposition**, Memphis, TN, Mar. 20-22, 2006
- **2nd Annual Conference on Underground Storage Tanks**, National Institute for Storage Tank Management, Orlando, FL, Nov. 9-10, 2005
- **Petroleum Equipment Institute Convention**, PEI, Las Vegas, Oct. 10-12, 2005
- **UST/LUST Conference**, EPA, Seattle, WA Mar. 1-3, 2005

- **1st Annual UST Conference and Trade Show**, National Institute for Storage Tank Management, Orlando, FL, Dec. 9-10, 2004
- **Petroleum Equipment Institute Convention**, PEI, Las Vegas, Oct. 18-20, 2004
- **UST/LUST Conference**, US EPA New Orleans, LA, Mar. 1, 2004
- **Petroleum Equipment Institute Convention**, PEI, Chicago, Oct. 12-14, 2003
- **Petro-Tite**, Purpora Engineering, Tacoma, WA, May 22, 2003
- **UST/LUST Conference**, US EPA, San Francisco, CA, Mar. 10-12, 2003
- **California CUPA**, Anaheim, CA, Feb. 3-6, 2003
- **Petroleum Equipment Institute Convention**, PEI, Orlando, FL, Oct. 5-8, 2002
- **UST/LUST Conference**, US EPA, Orlando FL, Mar. 11-13, 2002
- **Tackling UST Operational Compliance**, ASTSWMO, Wash. DC, Oct. 22-23, 2001
- **Advanced UST Inspector Training**, US EPA, Portland, OR, Oct. 16-18, 2001
- **UST/LUST Conference**, US EPA, Albuquerque, NM, Mar. 20-22, 2001
- **UST/LUST Conference**, US EPA, Portland OR, Mar. 20-22, 2000
- **Cathodic Protection Tester**: Steel Tank Institute, Anchorage, AK, Feb. 28, 2000
- **Underground and Aboveground Storage Tank Inspections**, University of Wisconsin, Anchorage, AK, Feb. 17-19, 1999
- **Corrosion of USTs**, ASTM, Conshohocken, PA, Dec. 9-10, 1999
- **Cathodic Protection Testing**, Marcel Moreau Assocs., Seattle WA, Sep. 23-25, 1998
- **UST Inspections**, Petcon, Inc, Seattle, WA, Sep. 21-22, 1998
- **UST/LUST Conference**, US EPA, Long Beach, CA, Mar. 30- Apr. 1, 1998
- **Alaska COMTECH 98**, Juneau, AK, Feb. 6, 1998
- **Developing a Third-Party Inspection Program**, US EPA, Harrisburg, PA, Nov. 5-6, 1997
- **Peer Match: Financial Responsibility**, Arizona DEQ, Phoenix, AZ, Oct. 9-10, 1997
- **UST/LUST Conference**, US EPA, Charlotte, NC, Mar. 10-12, 1997
- **Alaska COMTECH 97**, Juneau, Alaska, Feb. 8, 1997
- **Alaska COMTECH 96**, Juneau, Alaska, Feb. 14, 1996
- **Corrosion Control/Cathodic Protection**, Corrpro, Co., Lacey WA, Sep. 27-28, 1995
- **Financial Responsibility for USTs**, WA Depart of Ecology, Lacey WA, Jun. 6, 1995
- **A Contractor's Guide to UST Closures**, PETCON, Inc, Juneau, AK, Mar. 14, 1995
- **How to Install Underground Fuel Storage Tanks and Piping**, PETCON, Inc, Juneau, AK, Mar. 13, 1995
- **Advanced UST Enforcement Training**, US EPA, Anchorage AK, Sep. 1, 1994
- **Risk Communication**, US EPA, Fairbanks, AK, Aug. 29-31, '94
- **Hazardous Materials Refresher**, Risk Management, Fairbanks, AK, Apr. 21, 1994
- **Bioventing: Principles, Applications and Case Studies**, INET, Anchorage, AK, Mar. 10-11, 1994
- **How to Manage Projects, Priorities, and Deadlines**, National Seminars Group, Fairbanks, AK, Jan. 24, 1994
- **Petroleum Hydrocarbon & Organic Chemicals in Ground Water**, API, NGWA, Houston, TX, Nov. 10-12, 1993
- **Hazardous Materials Technician Refresher**, UAF Risk Management, Fairbanks, AK, Jul. 1, 1993
- **In-Service Enforcement Training**, Alaska State Troopers Training Academy, Sitka, AK, Jan. 11-15, 1993
- **Bioremediation Engineering**, General Physics Corp., Tucson, AZ, Nov. 11-13, 1992
- **Principles of Groundwater Hydrology**, National Groundwater Association, Anchorage AK, Apr. 27-29, 1992
- **Groundwater Flow and Well Hydraulics**, U of W-M, San Diego, CA, Apr. 21-24, 1992
- **Risk Assessment Guidance for Superfund**, US EPA, Anchorage, Feb. 11-14, 1992
- **Petroleum Storage System Worker**, ADEC, Anchorage, AK, Nov. 18-21, 1991
- **Treatment Technologies for Superfund**, US EPA, Anchorage, AK, Nov. 12-15, 1991
- **International Arctic Technology Conference**, Society of Petroleum Engineers, Anchorage, AK, May 29-31, 1991
- **Hazardous Waste Health and Safety Refresher**, EPA, Anchorage, AK, Aug. 16, 1990
- **Workshop on Leaking USTs**, ADEC, Anchorage, AK, Jun. 25-27, 1990

- **Oil Spill Prevention and Control**, National Spill Control School, Corpus Christi, TX, May 21-25, 1990
- **Soil and Groundwater Remediation**, ADEC, Fairbanks, AK, May 9-10, 1989
- **Hazardous Materials Incident Response Operations**, EPA, Edison, NJ, Mar 23-27, 1987

Publications: Articles, Manuals, Reports

- Field Audit for BP-Owned ARCO and Thrifty Branded GROs Located within the State of California and Classified as "Upgrade" for BP West Coast Products, April 2007
- Environmental Compliance System Audit For San Diego County Final Report for BP West Coast Products, July 2006
- Statewide Environmental Compliance System Audit Final Report for BP West Coast Products, July 2006
- Preventative Maintenance for Your Petroleum Equipment, C-Stores Canada Magazine, January 2005
- New Jersey UST Inspector Training Manual, State of New Jersey, October 2004
- Mandatory Training for UST Operators: Observations from the Oregon Front Line, LUSTLine Bulletin #47, June 2004
- I Don't Train, I Enforce! Compliance or Enforcement? LUST Line Bulletin #46, March 2004
- The Exploding Cell Phone at Gas Stations: Fact or Fiction? LUST Line Bulletin # 45, October 2003
- Oregon Operator Training: How to Successfully Manage your Underground Petroleum Storage Tank System, BTA, 2003-2005
- Plain Talk on Motor Fuel Tanks: an Operator's Guide to Maine's Underground Storage Tank Rules, July 2003
- Plain Talk on Heating Oil Tanks: an Operator's Guide to Maine's Underground Storage Tank Rules, July 2003
- Tomorrow's Tanks: New golden rules are changing the focus of UST systems, STI's Tank Talk, April 2003
- Building a Better Internet Presence: 10 things you can do to improve the performance of your UST web site, LUST Line Bulletin #43, March 2003
- Report on the Effectiveness of the Alaska Third Party Inspection Program for UST Systems: Innovations, Incentives and a New Enforcement Paradigm, Jan. 2002
- The Missing Link to Overfill Prevention, LUST Line Bulletin #39, November 2001
- Dispensing Wisdom, LUST Line Bulletin #38, June 2001
- Setting Our Sights on Operational Compliance, LUST Line Bulletin #37, March 2001
- Alaska's Third-Party Inspection Program, LUST Line Bulletin #37, March 2001
- Results of Inspection Program: An Innovative Way to Increase Cathodic Protection Compliance, NACE Northern Area Western Conference, February 2001
- Alaska Tank Explosion Linked to Polyester Coverall, LUST Line Bulletin #36, November 2000
- US EPA's Operating & Maintaining UST Systems, Practical Help and Checklists (chaired workgroup), 2000
- State of Alaska Third Party Inspector Handbook, State of Alaska, 2000
- Alaska UST Operation and Maintenance Manual, State of Alaska, 1999

Site Audits/Inspections

- Veterans Administration UST Inspection and Report, West Palm Beach Florida, 2007
- United States Postal Service UST Inspections and Reports for sites in Missouri, Tennessee, Georgia and Florida, 2007
- UST Site Audit and Inspection, including final report, Drew Paints, Portland, OR, 2003
- UST Site Audits as field trip class exercises in New Jersey, New York, Nevada, New Mexico, Georgia, 2002-2007
- Developed third party inspection program for the State of Alaska, overseeing 24 inspectors
- Inspected over 70 UST sites while employed by Alaska Department of Environmental Conservation, 1989-2002

Expert Witness/Consultant

- *Waters v. Empire Steel*, State of Montana
- *DJ Nelson, Trustee, for DJ Nelson Trust DBA Fruitridge Vista Water Company v. Atlantic Richfield Company, et al.* Superior Court for the State of California, County of Sacramento, Case # 02AS00535.

References

Available upon request