

Pat Panza | Environmental Project Manager

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Professional Summary:

Mr. Panza has 25 years of experience in environmental and construction industry assisting clients with regulatory compliance issues, environmental assessments, and remediation/removal activities. He performs asbestos and hazardous materials inspections, site assessments for real estate transactions, Massachusetts Contingency Plan (MCP) regulatory compliance, and investigations associated with National Environmental Protection Agency (NEPA). Mr. Panza has conducted remedial, removal and assessment activities and project management that has lead to the closure of Massachusetts Department of Environmental Protection (DEP) listed sites and EPA Superfund and CERCLA sites. After a tour in the US Military and prior to becoming an Environmental Scientist, Mr. Panza was an Assistant Building Contractor handling environmental issues and screening potential properties for acquisition within a development corporation.

Licenses and Certifications:

HAZWOPER, OSHA, 40-hours

MA Licensed Asbestos Inspector- A161187

Certified Indoor Air Quality/ Mold Inspector

Certified Indoor Air Quality/ Mold Remediator

First Aid/Adult CPR

Certified Canine Handler

NIOSH 582 Certified

Project Experience:

SKANSKA, WRTA Bus Maintenance Garage, Worcester, MA

EFI was requested to conduct Perimeter Monitoring, VOC/Dust Monitoring, Asbestos Soil Contamination and EHASP Training for this project. As EFI Project Manager, Mr. Panza oversaw and assisted onsite personnel with air monitoring activities, which included training of environmental personnel on the operation of air monitoring instruments and site specific air monitoring protocols, sampling procedures and associated software. Mr. Panza performed numerous EHASP presentations/training for workers, reviewed/edited daily documentation (i.e. field notes, data summaries, etc.) and analytical reports. He frequently monitored real-time perimeter air monitoring data and assisted and/or directed response actions, especially when "action levels" were exceeded. He also acted as a liaison for the client, in order to provide information or data relative to air monitoring, address questions or concerns and discuss the implementation and/or changes to the air monitoring plan.

UST Closure/Response Action Investigation, Bank Facility, Springfield VT

Reviewed objectives and historical documentation (i.e. Sanborn Maps, VT DEC records, EDR documents and town documents) subsequent to the detection of petroleum contaminants, during the abandonment of an underground storage tank. Developed Scope of Work (SOW) and provided

oversight during soil boring activities. Collected soil samples to determine the extent of petroleum contamination at the premises associated with the abandoned underground fuel oil storage tank. Prepared a summary report of the activities and the associated analytical data, which concluded no further response actions were recommended.

Confidential Healthcare Client, UST Removal, Hamden, CT

EFI was asked to assist with the removal of an abandoned 8,000-gallon No. 2 fuel oil UST and an out-of-compliance 8,000-gallon diesel fuel UST at the Site. Mr. Panza conducted onsite screening and soil groundwater sampling, as part of the UST closure activities. In addition, upon removal of the USTs from the tank graves, contamination was detected within the adjacent soil. Based on information collected in the field and additional soil sampling activities, the contamination was determined to be attributable to historical fill and not associated with the subject USTs and notification to the State (or remediation) was not required. Mr. Panza also prepared an UST Closure Report, site/sampling plan and photos.

Emergency Spill Response, Chicopee, MA

Responded to an emergency fuel spill where 25-40 gallons of fuel was released. Mr. Panza conducted an onsite inspection and coordinated response actions with DEP, Clean Harbors and the LSP of record. Provided oversight (under the indirect supervision of the LSP) of the emergency response activities, which included PID screening and measurements. Compiled information and prepared the Immediate Response Action Completion and Response Action Outcome (RAO) report submitted to the MADEP on the client's behalf.

Spill Response, Bangor, ME

Subsequent to a tractor trailer accident, approximately 10-15 gallons of diesel fuel leaked from ruptured saddle tanks. The purpose of these response actions was to identify a potential release in connection with this accident and perform remediation/removal activities, that included final confirmatory (or "exit") soil sampling. Mr. Panza conducted contaminated soil removal oversight, screening and sampling. These activities were conducted under the direct and indirect oversight of the Maine Department of Transportation and Department of Environmental Protection (ME DEP). Upon completion, Mr. Panza prepared Response Action/Assessment Summary Report.

Haverhill Wastewater Treatment Plant, Monitoring for Airborne Parameters

Conducted numerous area monitoring events for hydrogen sulfide, ammonia, and volatile organic compounds (VOCs) in various locations on the exterior of the wastewater treatment plant (PID screening). Updated and devised immediate and long term plan of action/SOW regarding monitoring of odor.

Lexington Insurance, Everett, MA

Assisted in providing on-going MCP required response actions and closure activities related to the release of 10,000 gallons of gasoline and 5 million gallons of fire water caused by an accident involving a fuel tanker roll over. Reviewed and compiled information and provided onsite oversight during soil boring advancement and monitoring well installations. Performed soil and soil vapor screening activities and collected soil, soil vapor and groundwater samples. Prepared/revised attachments (i.e. tables, figures, etc.) and assisted in the MCP Phase II – Comprehensive Environmental Site Assessment and RAO report preparation.

Valmont Industrial Park, West Hazelton, PA

Performed an ASTM Phase I - Environmental Site Assessment and Health and Safety Inspection associated with screening potential properties for subsequent leasing.

Automotive Dealership/Minor Repair Service (Former Gas Station), Worcester, MA

Obtained, compiled and submitted assessment information in support of a Downgradient Property Status (DPS) for numerous soil and/or groundwater contamination issues associated with this complicated Department of Environmental Protection (DEP) listed default Tier-1D disposal site, dating back to 1988.

Former Machine Shop & Dry Cleaners, Boston, MA

Performed ASTM Phase II – Environmental Site Assessment activities which resulted in the discovery of four underground storage tanks (UST) and petroleum contaminated groundwater. Subsequently, coordinated and provided oversight for the removal of two tanks and the abandonment of two tanks, as part of the UST closure activities. In addition to, performing concurrent MCP Phase I assessment activities.

US Petroleum, Winchester, MA

Project Manager - Successfully “closed” a non-typical and complicated non-compliance issues associated with one Department of Environmental Protection (DEP) listed (default Tier-1D) disposal site, initiated baseline assessments for both stations associated with obtaining Certificates of Compliance, and conducted Phase I/closure activities associated with the discovery of reportable/release conditions.

Boston Public Health Commission, Boston, MA

Provided oversight and conducted response actions related to decommissioning an ambulance service garage that included the removal/closure of an underground storage tank and several subsequently identified class-five injection wells. Completed two separate Immediate Response Actions, a Release Abatement Measure, a MCP Phase I and Phase II activities.

Former Gas/Service Station, Natick, MA

Provided oversight, screening/sampling and consulting with regards to regulatory compliance issues during the removal of two underground storage tanks and two hydraulic lifts. Discovered contaminated soil and initiated a Limited Removal Action (LRA), in order to prepare closure documentation in accordance with the applicable regulations.

Bank of America, Roslindale, MA

Conducted and provided oversight during assessment activities and assisted with the design, fabrication, installation and operation of groundwater treatment systems. These activities included handcrafting monitoring well points, installing well points, preparing/editing AutoCAD drawings and collecting groundwater samples. The Release Abatement Measure (RAM) activities were conducted in accordance with MA DEP approval.

Various Locations; Performed ASTM Phase I - Environmental Site Assessments Performed environmental assessments associated with real estate/financial transactions. Also conducted asbestos and lead-in-paint surveys within the on-site buildings for the following:

- Wade Road Extension, Latham, NY, 2005
- Swedes Run Business Center, Delran, NJ, 2005
- Verdean Gardens Apartment Complex, New Bedford, MA, 2004
- Cedar Creek Apartments, Colorado Springs, CO, 2002

Monet Jewelry, East Providence, RI

Performed limited subsurface investigation associated with historical sight use and former underground storage tanks. The investigation included the collection of soil and groundwater samples and soil-gas samples beneath the building and subsequent evaluation of reportable conditions.

Bank of America, Model Bank Program, New England

Provided asbestos inspections of retail bank facilities as part of an area-wide changeover during the Fleet Bank acquisition. Conducted Path of Construction inspections, coordinated with systems technicians and centrally managed through EFI Andover, MA office.

Sunoco Gas Station, Newton, MA

Project Manager performing Massachusetts Contingency Plan (MCP) phased site activities as the result of underground storage tank field closure and potential release conditions. Conducted and managed site assessment activities and the preparation or technical/editorial review of MCP related submittals (i.e. Phase I, Phase II) to the DEP.

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Kelvin Street Storm Drain Replacement Project, Everett, MA

Performed a Utility Release Abatement Measure (URAM), which included providing oversight, health and safety monitoring, screening, sampling, soil removal/disposal and on-site groundwater storage and treatment, in accordance with MCP and NPDES regulations/requirements. Prepared relative MA DEP/U.S. EPA submittals, permit requirements, cost estimates, invoices and attended meetings in the absence of a Regional Director and Environmental Division Manager.

Dartmouth Sport Zone, North Dartmouth, MA, & Damon Mill, Concord, MA

Performed National Environmental Policy Act (NEPA) surveys and Environmental Site Assessments (ESA) associated with the installation of wireless communication towers and/or antennas. Also performed a limited biological assessment at the Dartmouth site.

Dartmouth Sport Zone, North Dartmouth, MA, & Damon Mill, Concord, MA

Performed National Environmental Policy Act (NEPA) surveys and Environmental Site Assessments (ESA) associated with the installation of wireless communication towers and/or antennas. Also performed a limited biological assessment at the Dartmouth site.

Mansfield Department of Public Works, Mansfield, MA

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Roger's Fibre Mill, Bar Mills, ME

Long-term Removal Site Leader - Part of the Superfund Technical Assessment and Response Team (START). Assisted the U.S. EPA by providing technical support, health and safety monitoring and sample collection, analysis and data interpretation during response activities at this "Superfund Site". Set-up an on-site laboratory to analyze soil samples for metals and PAHs via X-Ray Fluorescence and Immuno-Assay analysis. Conducted additional assessment activities associated with sealed aboveground storage tanks with unknown contents. Identified radioactive material in samples, located on-site source and addressed subsequent screening, sampling and disposal issues.

Professional Experience:

EFI Global, Inc., Wilmington, MA, Environmental Project Manager, 2010 – present
EFI Global, Inc., Wilmington, MA, Staff Scientist, 2004- 2010
21 Environmental, Inc., Senior Environmental Scientist, 2003 – Present
Geological Services Corp., Senior Environmental Scientist, 2002– 2003
Hygienetics Environmental Services, Environmental Scientist, 2001– 2002
Penny Engineering, Staff Environmental Scientist, 2000-2001
Roy F. Weston, Inc., Site Leader, 1997-2000
DiFazio Development, Inc., Assistant Building Contractor (Environmental Manager), 1992-1997
(part-time and full-time)

Specialized Education:

Institute for Environmental Education, Asbestos Inspector Training, March 2015
Institute for Environmental Education, Hazardous Waste Operation Training, March 2015

Education:

BS, Environmental Science, University of Massachusetts, Lowell, MA, 1997

Honors and Awards:

Graduated with Honors (Cum Laude): Bachelors of Science, Environmental Science, University of Massachusetts, Lowell, MA, 1997