

Ian Paul Temchin
Environmental Scientist/Project Manager
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Professional Summary

- Meticulous environmental scientist with a breadth of experience in the investigation and remediation of contaminated sites. Highlights include addressing chlorinated solvent plumes in fractured bedrock, historic fill on the Hudson River waterfront, conventional high-explosive munitions in the Northern Mariana Islands and Okinawa, Japan, and intact chemical munitions at Joint Base McGuire-Dix-Lakehurst near the site of the Hindenburg.
- Deep expertise in project management and business analytics; electronic data management, analysis, and reporting; field team leadership; contractor oversight; and environmental sampling.
- Experienced in engaging with diverse stakeholders, including state and federal agencies and private-sector clients, while ensuring clear, timely communication, regulatory compliance, and project success.
- Most recently, leveraged project management and data science skills to manage a \$1.6M agricultural production and wholesale business, ensuring compliance, quality control, efficiency, and financial performance. Now seeking to return to the environmental remediation industry in data management, project management, or site management roles.

Experience

General Manager | American Fiber Co. | Paw Paw, MI | September 2021 – September 2024

American Fiber was a state-licensed cultivation, processing, and packaging facility with a peak annual operating revenue of \$1.6M.

- Directed all facility operations, ensuring regulatory compliance, maintaining safety and quality standards, and optimizing production workflows and resource utilization.
- Leveraged project management experience to add structure, operationalize critical functions, and implement financial controls, developing custom applications and dashboards to streamline wholesale accounting, optimize production scheduling, and enhance tracking and reporting of key production metrics.
- Designed and implemented SOPs for production, packaging, and fulfillment, establishing quality control and assurance processes that improved quality, consistency, and overall productivity.
- Enhanced facility systems by addressing design flaws and implementing proper maintenance protocols.
- Worked closely with the CEO and senior leadership to execute the successful acquisition of a processing license and two contract manufacturing partnerships, directly contributing to operational growth and expansion.

Senior Scientist | Parsons Corporation | Atlanta, GA | December 2016 – July 2021

Parsons is a large technology-focused defense, intelligence, security, and infrastructure engineering firm, where I managed investigation and remediation projects in the Military Munitions Response Program (MMRP) in coordination with the U.S. Army Corps of Engineers at various Formerly Used Defense Sites in the U.S. and overseas.

Contributed to proposal preparation for federal contracts and advanced MMRP sites through the CERCLA process, from project planning and execution to completion of post-project activities. Prepared and submitted technical reports and deliverables, and presented work plans and findings to stakeholders and the public.

Deputy Project Manager, Site Manager, Sampling Coordinator | Lakehurst Time Critical Removal Action | Lakehurst, NJ | 2019 – 2021

- o Planned and executed a \$4.5M time-critical removal of chemical warfare materiel, resulting in the safe and successful excavation of several intact mustard gas bombs, involving coordination with four federal agencies, state and federal regulators, and myriad subcontractors and vendors. Directed an associated soil investigation, with hundreds of samples shipped to multiple laboratories, adhering to strict chemical agent-clearance protocols and sensitive preservation requirements and holding times.

Deputy Project Manager, Site Manager | Ordnance Plan | Saipan, CNMI | 2017-2019

- o Planned and executed a \$7.5M investigation of munitions and explosives of concern (MEC) and munitions constituents at a heavily contaminated WWII site comprising nearly 4,500 acres on a remote U.S. Commonwealth in the Pacific.

Deputy Project Manager, Site Manager | Marine Corps Base Camp Butler | Ie Jima, Okinawa, Japan | 2017

- o Planned and executed a \$3.5M time-critical removal action of MEC on a remote island in Okinawa, Japan.

Field Sampling Lead | Various sites | 2016-2019

- o Led field sampling investigations for geophysical data collection and environmental samples of various media analyzed for munitions constituents, including logistically complex investigations in remote locations or with sensitive preservation, handling, and shipping requirements

Environmental Scientist II | Dresdner Robin | Jersey City, NJ | July 2013 – November 2016

Dresdner Robin is a multidisciplinary land-use consultancy specializing in engineering, surveying, environmental services, and urban planning for the metro New York and surrounding regions.

Advanced projects through the New Jersey Site Remediation Program, assisting with project planning, execution of investigations and remedial actions, and completion of post-project activities. Led the preparation and timely submission of technical reports, and prepared department-wide electronic data deliverables (EDDs) for all sites.

Environmental Scientist & Field Team Leader | Various clients | 2012-2016

- o Implemented a wide range of environmental investigations and remedial actions, including contractor and driller oversight, collection of environmental samples, in-situ treatment of soil and groundwater, and extensive soil removal actions.

Laboratory Manager | 2013-2016

- o Responsible for NJ lab accreditation for groundwater sampling, ensuring compliance through proficiency testing, recordkeeping, and employee training.

Analytical Data Manager | 2013-2016

- o Maintained and analyzed a comprehensive database of electronic analytical data using EarthSoft EQUIS software. Generated and submitted EDDs to state regulators for all project sites.

Environmental Scientist | Greenstar Environmental Solutions | Somerset, NJ | August 2011 – June 2013

Greenstar is a New York-based environmental remediation firm.

Environmental Scientist | Linde Corporation | Somerset, NJ and Niagara Falls, NY | 2011-2012

- o Operated and maintained groundwater treatment and vapor intrusion mitigation systems; in-situ treatment of chlorinated solvent plume; and long-term monitoring of associated media including use of innovative sampling technologies

Environmental Scientist | Various clients | 2011-2012

- o Performed a wide range of environmental, subsurface geophysical, and hydrogeologic investigation and remediation activities.

Laboratory Manager | 2012

- o Responsible for NJ lab accreditation for groundwater sampling, ensuring compliance through proficiency testing and recordkeeping.

Geophysical Technician

- o Used ground penetrating radar, EM61, and radio detection for subsurface location and avoidance.

Education

Bachelor of Science, Environmental Science | Ramapo College of New Jersey | Mahwah, NJ