

ANDRE LAMONTAGNE, REA
Senior Consultant

CAPABILITIES

Phase I Assessments	Program Management
Subsurface Investigation/Remediation	Construction Management
Storage Tank Installation/Removal	Brownfields Redevelopment
In-Construction Materials Testing	Regulatory Compliance Services

EXPERIENCE SUMMARY

Mr. LaMontagne has over 20 years of experience in soil science, environmental and geotechnical engineering, and construction management. He provides extensive support for projects involving subsurface contamination and remediation, underground and aboveground storage tank installation and removal, regulatory compliance, and engineering design.

Mr. LaMontagne has a diverse background. Mr. LaMontagne has owned three businesses, one for environmental engineering, one for geotechnical engineering, and one for research and design. He has also worked for two international environmental consulting firms. Mr. LaMontagne has provided technical support for the following industries: residential and commercial construction, pharmaceuticals, carpeting, paper, ink, printing, plastics, oil, defense, food processing, paper, plating, metals fabrication, banking, and many others.

One focus of his expertise is developing new techniques for remediating impacted sites or innovative ways to reduce costs of remediation for clients. Mr. LaMontagne developed the first large-scale soil washing plant used in the country. The new technique processed impacted soil at a rate twice as fast as techniques used previously on similarly impacted soil, and at significantly less cost than other techniques used. Additionally, Mr. LaMontagne has managed subsurface projects for contaminated sites at over 100 locations in Southern California.

EDUCATION

BA, Geology, University of Massachusetts, Amherst

REGISTRATIONS

Registered Environmental Assessor
Nuclear Gauge Certification

SELECT PROFESSIONAL EXPERIENCE

Key project responsibilities for Mr. LaMontagne have included:

Compliance

- Project manager for multi-million dollar compliance project. Client purchased three pharmaceutical manufacturing facilities in Southern California. All equipment and processing in each facility was evaluated for compliance with local, county, and state laws and agencies. Found each facility was not in compliance with both the local air board, and POTW. Project then required permitting of equipment, design and implementation of vapor control systems, re-plumbing of the facilities, and the design and implementation of wastewater treatment systems.

Subsurface Assessment

- Program manager for environmental compliance for 27 retail service stations. Responsibilities included implementation and oversight of subsurface assessment, feasibility studies, remediation, and health risk assessments. Program integrated a full staff of engineers and geologists, operations and maintenance staff, drafting, construction crews, permitting specialists, field technicians, and traffic control crews. Program budget was over 1 Million dollars annually.
- Project manager for assessment of former missile assembly site in Sacramento area. Project included environmental impact report, subsurface assessment, fate-and-transport modeling, risk assessment, and groundwater monitoring. Site contaminants included chlorinated solvents, fluorocarbons, and PCBs. Contamination was in soil (both gaseous and liquid), local groundwater and regional groundwater. Project is still on-going.

Remediation

- Designed and operated almost 75 remedial extraction units in Southern California. Extraction units have been for vapor extraction, water extraction (pump and treat), and dual-phase extraction. Contaminants have included petroleum hydrocarbons (gasoline and various fractions within, diesel-fuel, and jet fuel) and solvents (both non-halogenated and halogenated).
- Performed over 100 excavating, transportation, and disposal projects. Excavating techniques have included both conventional excavator/back-hoe excavating and non-conventional large-diameter auger drill-outs. Contaminants have included petroleum hydrocarbons (gasoline, diesel-fuel, waste-oils, and crude), volatile and semi-volatile

solvents (both halogenated and non-halogenated), pesticides, PCBs, metals (Chromium, Copper, Beryllium, Cadmium, Mercury, Arsenic, Thallium). Materials handled have been both non-RCRA and RCRA wastes.

- Designed the first large-scale soil-washing plant in the country. Project handled a site in Anaheim, California where over 15,000 cubic yards of soil was contaminated with up to 14,000 milligrams per kilogram diesel-fuel. Soil washing plant processed soil at a rate of up to 80 tons per hours while brining contaminant concentration down to less than 10 milligrams per kilogram. Project development applied techniques and equipment of the mining, construction, and environmental industries while applying to that a significant amount of chemistry.
- Managed an excavation of several thousand yards of soil contaminated with diesel-fuel and/or crude oil. Reviewed facility expansion plans and suggested incorporating contaminated soil in the future construction. Brought an asphalt plant to the site and then incorporated the contaminated soil into asphaltic concrete for a multi-acre parking lot. Saved client hundreds of thousands of dollars in disposal costs for the excavated material and import costs for asphaltic concrete.
- Project manager for demolition and excavating. Excavated several hundred yard of soil contaminated with styrene monomer. Monomer had migrated beneath an industrial building and was threatening a near-by municipal well. Facility was vacant. Cost analysis showed that removing 80 linear feet of the building, then excavating was the most cost-efficient method to meet the regulatory requirements. Demolition required significant electrical work and fire suppressant work. Due to odor of monomer, a temporary structure was erected over the excavation site and all work was performed under the structure. Structure included footings, lighting, monitoring, and atmospheric controls.

UST Installation

- Mr. LaMontagne has provided several of his clients with fueling systems and managed their construction and testing. The systems include the storage tanks, fuel delivery systems, and fleet management systems.

Construction

- Mr. LaMontagne owned a geotechnical engineering and services company that provided the preliminary soil assessment and then the geotechnical engineering and design specifications for 14 facilities of a California-based retail chain. Mr. LaMontagne also provided in-construction soil, concrete, masonry, steel, and asphaltic concrete testing services for those facilities.

- Mr. LaMontagne provided the preliminary soil assessment and geotechnical engineering and design specifications for a multi-acre parking facility and a multi-thousand square foot loading dock for the State of California, Department of Agriculture. Mr. LaMontagne also provided in-construction soil, concrete, steel, and asphaltic concrete testing services for those facilities.

Brownfields Redevelopment

- Project manager for environmental engineering portion of development of a former oil field to residential housing for over 150 homes in Signal Hill California. Mr. LaMontagne provided technical expertise in identifying old sumps from well drilling, evaluating the environmental impact of each of the wells on the property, the sumps, the storage tank areas, the product piping through out the development, and the other maintenance activities that had occurred in the field. Identified several thousand cubic yards of contaminated soil. Reviewed grading plan, proposed altering grading plan to include a deep burial on site for the contaminated soil. Provide health-risk analysis and fate-and-transport model for proposed buried material. Analysis accepted by Department of Toxic Substances Control, no material transported and disposed off-site, tremendous savings for the developer.

PROFESSIONAL HISTORY

Winefield & Associates, Inc., Long Beach, CA, Senior Consultant, 2003 - Present

ENSR International, Irvine, CA, Senior Project Manager, 2001- 2002

ERI, Lake Forest, CA, Program Manager, 1999-2001

LaMontagne Engineering Services, A+E Geotechnical, Worldwide Design, Huntington Beach, CA, Owner, 1991 - 1999

Clayton Environmental Consultants, Cypress, CA, Project Geologist, 1989 - 1991

Lawmaster Geotechnical Engineering, Stanton, CA, Project Geologist, Soils Technician, 1988-1989