Weir Environmental

Statement of Qualifications

- Environmental Consulting
- Occupational Health and Safety
- Industrial Hygiene
- Geology / Hydrogeology
- Environmental Site Assessment
- NEPA and Natural Resources
- Auditing

WEIR Environmental, L.L.C.

Certified WBENC Women's Business Enterprise

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New Orleans, LA 70123

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WEIR Environmental, L.L.C.

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Company Profile

Weir Environmental, L.L.C. (WEIR) is a full service industrial hygiene and environmental consulting firm providing a wide range of services to industries, municipalities, insurance, real estate, banking, and retail/commercial businesses. Our team of licensed professionals includes Asbestos Consultants, Inspectors, Indoor Air Quality Specialist, Certified Industrial Hygienists, Certified Safety Professionals, and Professional Geologists who are dedicated to protecting the interests and confidentiality of our clients. Our reputation for responsible project management, professionalism, and integrity combined with a genuine concern for our client's interests are keys to our success.

All of our business relationships begin with an understanding of each client's overall organizational structure and technical objectives. This facilitates the development of the most appropriate management approach, allowing us to understand our client's needs and provide the proper technical solutions. Weir has acquired knowledge of federal and various state regulations, and we are certified and licensed to provide environmental consulting services in all of the states across the Gulf Coast as well as New York and New Jersey.

Weir is a certified Women's Business Enterprise (WBE), and a disadvantaged business enterprise (DBE) by the city of New Orleans and the Housing Authority of New Orleans (HANO). Weir is also certified by the Louisiana Department of Economic Development as a Small and Emerging Business, under the Louisiana Small Entrepreneurship Hudson Initiative Program and as a Protégé firm under the Mentor Protégé Program.

Ms. Amanda Weir started Weir Environmental in August of 2008. Weir's staff consists of environmental scientists, industrial hygienists, engineers, and geologist with over 25 years of experience in the environmental field.

Our commitment to professional project assessment, planning, and management of environmental, safety, and compliance issues has earned Weir Environmental an unsurpassed reputation in the consulting field. Our clients value our attention to detail, timely response, and comprehensive project management and reporting. Throughout the industry, we are commended on extensive industry knowledge; concern for health and safety; fair business management; and cost effective recommendations.

We look forward to serving you with a team of qualified, knowledgeable personnel who will work together with your staff to help you meet your environmental health and safety goals.

Scope of Services

Weir Environmental, L.L.C. provides comprehensive, multi-disciplinary environmental services for private, governmental, and commercial clients. Examples of past projects include:

CERCLA/RCRA Site Services

Hazardous Materials Management

UST Management

Water Wastewater/Storm Water Permit Services

Environmental Impact Analysis

Environmental Litigation Support Services

Environmental Due Diligence

Site Specific Safety Plans

Hazard Identification Audits

Ergonomics

Health and Safety Training including CPR and First Aid

Risk Management

Hazard Communication

Air Quality Services

Mold & Fungus

Indoor Air Quality

Noise

Moisture Management

Chinese Drywall Investigations and Testing

Asbestos Surveys

Project Design and Bid Specifications for Hazardous Materials Abatement

Asbestos Project Monitoring

Asbestos O&M Program Development and Management

Lead Detection and Monitoring

Phase I, II, III Environmental Site Assessments

Property Condition Assessments

Representative Clients and Projects

Public and Government Agencies
US Postal Service
Veterans Administration
US Army Corps of Engineers
Department of Defense
US General Service Administration
Orleans Parish Prison
New Orleans Sewer and Water Board
City of New Orleans
Terrebonne Parish Consolidated Government
Port of New Orleans

Consultants & Engineers
Arcadis
DBI Construction Consultants
Louis Berger Group
EI Group
Unified Building Sciences and Engineering

Industrial
Exxon Mobil
Schlumberger
Lyondell
Dow Chemical
Tetracon
Cleco Power
Entergy
L&L Oil and Gas
Trinity Marine
Ormet Corporation
Lion Copolymer

Education
Loyola University New Orleans
Nicholls State University

Financial Institutions
Bank of America
Capital One Bank

Insurance Companies
Liberty Mutual
Travelers
Hanover
Crawford & Company
Engle Martin and Associates

Property Managers / Developers
Collier Property Management
Greenwood King Properties
Columbia Residential

Retail
Lamar Advertising
Save-a-Lot
FedEx / Kinko's
Home Depot
Bassett Furniture
JCPenney
Apple

Construction / Contractors
Interstate Restoration
Cotton
Gibbs Construction
Amcat Global
CST Environmental
Durr Heavy Construction
Eco Construction
Mapp Construction
MDM Corporation
Polukai Service

Resumes of Key Personnel

- Amanda Weir – Principal and Sr. Industrial Hygienist
- Michael Bellone, P.G., CHMM – Senior Geologist
- Charles Leonard, CIH, RSO – Certified Industrial Hygienist
- Kenneth Landrum, Ph.D., P.G., RSO – Senior Hydrogeologist
- Tammy Chancey – Industrial Hygienist
- Zachary Zissard – Environmental Scientist / Wildlife Biologist

Amanda Weir

Principal & Industrial Hygenist
Weir Environmental, LLC

Ms. Weir has six years of experience in the environmental field, with specialties in asbestos management and indoor air quality. She was a first responder for Hurricane Katrina and other natural disasters. She has worked for government and private entities to provide environmental assessments and develop environmental remediation protocols for various properties. She has also managed remediation projects, varying from residential housing to large universities and hospitals.

Education

BS, Biological Sciences
Louisiana State University, 2005

Certificate in IH Management,
Columbia Southern University,
2007

Certifications

- *Asbestos Inspector*
- *Asbestos Management Planner*
- *Asbestos Contractor Supervisor*
- *Asbestos Air Monitor*
- *Lead Inspector*
- *Lead Risk Assessor*
- *Level I Certified Infrared Thermographer (Building Specific)*
- *NIOSH 582 Certificate # NNT121506-5431 (For analysis of asbestos air samples via Phase Contrast Microscopy (PCM)*
- *Permit Required Confined Space CFR 1910.146 -Authorized Entrant, Attendant, and Entry Supervisor*

Project Experience

Post-Katrina Remdiation Work

University of New Orleans, Delgado & Nunez Community Colleges, State of Louisiana Facility Planning and Control
New Orleans, LA

Post-Katrina remediation of eighteen (18) buildings.
2005 - 2008 - Role: Project Manager

Hospital Building Inspections

Veterans Administration Hospital, New Orleans, LA

Inspected the Katrina-damaged hospital for asbestos , oversaw project design, was responsible for abatement oversight, air monitoring, and a pre-demolition asbestos survey of the hospital's administration building.
2009 - Role: Project Manager

Lamar Advertising Building Assessments

Baton Rouge, LA

Currently conducting an environmental assessment and survey of a Lamar Advertising property damaged by Hurricane Gustav. Other responsibilities include asbestos project design for materials, abatement oversight and air sampling .
2008 - 2010 - Role: Project Manager

New Orleans Facility Assessments

United States Army Corps of Engineers,
New Orleans, LA

Project involves multiple indoor air quality assessments, focusing on Carbon Dioxide concentrations, and levels of fresh air supplied to facility.
2007 – Present - Role: Project Manager

WEIR
Environmental, L.L.C.

(Amanda Weir, continued)

Associations & Affiliations

- *American Industrial Hygiene Association*
- *Commercial Real Estate Women*
- *Society for Marketing Professional Services*
- *National Association of Professional and Executive Women*

Hygiene & Safety Services at Bonnet Carre Spillway

United States Army Corps of Engineers,
New Orleans, LA

Weir Environmental provided industrial hygiene and safety services during the sandblasting of the Bonnet Carre Spillway. The project also involves environmental sampling, including air sampling, and review of results.

2009 - Role: Project Manager

Environmental Consulting at Historic U. S. Custom House

(For Gibbs Construction)
New Orleans, LA

Environmental consulting and testing for interior renovations at the U.S. Custom House, a national historical landmark. Construction on the building began in 1848 and was completed thirty-three years later, in 1881. Weir's responsibilities include project oversight and air monitoring for lead based paint abatement throughout the building, as well as environmental consulting and testing for lead and asbestos, which have been affected during the current renovation project. Weir Environmental is also providing LEED Indoor Air Quality sampling for carbon monoxide, carbon dioxide, particulates, formaldehyde, total volatile organic compounds, 4-phenylcyclohexane, and mold. Baseline sampling was conducted prior to the start of construction; sampling will be conducted again at the completion of the construction project and prior to re-occupancy.

2010 – Ongoing - Role: Project Manager

Various Environmental Projects

Loyola University
New Orleans, LA

Weir Environmental is managing various environmental projects at Loyola, as they relate to mold, asbestos, lead and indoor air quality. Projects include Thomas Hall renovations, the Benson Jesuit Center, the Dominican Conference Center, and the Danna Center. Led by Ms. Weir, the team is inspecting buildings and testing suspect asbestos-containing materials that will be affected by construction and renovations. Ms. Weir is preparing specifications for the abatement of these building materials, and supervises to ensure that abatement measures follow laws and regulations. Weir is re-inspecting all campus buildings every three years. Weir Environmental also updates the management plans for all asbestos that remain in the buildings. Based on the inspections, recommendations are made for engineering controls and/or abatement where necessary.

2008 – Ongoing - Role: Project Manager (Asbestos building inspector, asbestos management planner)

Michael Bellone PG CHMM

Licensed Geologist/Certified Hazardous Materials Manager
Weir Environmental, LLC

Mr. Bellone has directed multi-disciplinary environmental projects at over 700 sites throughout the United States for governmental agencies and private industry. He is experienced in managing and directing multi-media environmental audits, contamination assessments and remediation projects. His specialties include hydrogeological investigations, site assessments, hazardous waste site closures, environmental permitting, and compliance audits.

Education

M.S., Environmental Sciences, 1991, Louisiana State University

B.S., Geological Sciences, 1983, University of New Orleans

Special Studies in Applied Hydrogeology, Louisiana State University

Post-Graduate Work, Geophysics, University of New Orleans

Certifications

- *Registered Professional Geologist Alabama #800, Tennessee #3924, Wisconsin #320, Mississippi # 520, Texas # 4344*
- *Certified Hazardous Materials Manager #3849*
- *Hazardous Materials Cleanup and Removal - LA*
- *Hazardous Materials Site Remediation – LA*

Project Experience

Environmental Services
New Orleans Sewerage & Water Board
New Orleans, LA

Involved preparation of a RECAP Work Plan for submittal to the Louisiana Department of Environmental Quality (LDEQ); Groundwater and Soil RECAP Investigation; installation of soil borings and temporary monitor wells; collecting soil and groundwater samples for analyses; slug tests on groundwater regimen to determine aquifer characteristics; analyses of RECAP data and data collected from a pre-RECAP investigation; preparing an LDEQ Risk Evaluation Report in support of the closure of the Sewage and Water Board's 50,000 gallon bunker oil aboveground storage tank at its Carrollton plant.
2010 - Role: Project Manager\Lead Geologist

Temporary Inmate Facility
Orleans Parish Prison
New Orleans, LA

The project centered around the investigation of an unidentified leaking vessel on the site of the Temporary Inmate Facility at the Orleans Parish Prison. Weir Environmental was contracted to prepare a RECAP Work Plan for a Soil and Groundwater Investigation and for the tank's closure. Other project components: Groundwater and Soil RECAP Investigation; installation of soil borings and temporary monitor wells; collecting soil and groundwater samples for analyses; slug tests on the groundwater regimen; analyses of the RECAP data; and preparing an LDEQ Risk Evaluation Report and a detailed Total Cancer Risk Analysis in support of the closure of the prison facility.
2011 - Role: Project Manager\Lead Geologist

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(Michael Bellone, continued)

Associations & Affiliations

- *Association of Groundwater Scientists and Engineers*
- *New Orleans Geological Society*
- *National Groundwater Association*
- *Institute of Hazardous Materials Management*
- *Harvey Canal Industrial Association*
- *Louisiana Chapter of Certified Hazardous Materials Managers.*

Jet Fuel Pipeline Assessment

New Orleans International Airport
New Orleans, LA

Mr. Bellone is currently directing a LDEQ RECAP Assessment of the airport's Jet Fuel Pipeline. The project includes development and submittal of Site Investigation Workplans, Quality Assurance Programs, as well as the implementation of the soil and groundwater characterization in accordance with the LDEQ approved RECAP Workplans. Additionally, Mr. Bellone is managing the remedial efforts for the impacted soil and groundwater. Following successful remedial actions, he will prepare the final RECAP Report in support of closure for the site.
2010 - Ongoing - Role: Project Manager\Geologist

Experience With Other Firms

Formosa Plastics Project

Lee McNabb, Baton Rouge, La

Involved an RCRA Subpart C Hydrogeological and Groundwater Management Program for the Formosa Plastics plant. Project components included: Preparation of Work Plan and other submittals to the EPA and Louisiana Department of Environmental Quality (LDEQ); hydrogeological site characterization; RCRA monitor well system design and installation; and design and implementation of large-scale remedial soil and groundwater systems.
1997 – 1998 - Role: Project Manager

Various Projects

Coca-Cola USA, Atlanta, GA

As a manager for this far-reaching project, Mr. Bellone oversaw numerous site hydrogeological investigations; site geological and hydrogeological data review, soil/ groundwater sampling; and activities required to delineate and remediate soil and groundwater contamination in Alabama, Arizona, Arkansas, Florida, Georgia, Iowa, Louisiana, Mississippi, Missouri, Montana, New York, Oregon, Texas, and Washington.
1992 -2000 - Role: Project Manager

Biomedical Site Remediation

Pritchard vs Merck Pharmaceitical
Covington, LA

Project involved large-scale remediation of a biomedical and pharmaceutical solid and hazardous waste site in transitional wetlands in Louisiana. The soil was also contaminated with asbestos, petroleum hydrocarbons, volatile organics and heavy metals. Several remedial

(Michael Bellone, continued)

activities were concurrently performed to successfully remediate the groundwater and soils without further impacting the site or the wetlands.
2002 - Role: Project Manager

Shipyard Investigations
LEEVAC Marine, Mandeville, LA
Mr. Bellone oversaw hydro geological and geological investigations of three marine shipyards located in coastal Louisiana, under the Risk Evaluation and Corrective Action program (RECAP). The soil and groundwater at the facilities were impacted with petroleum products. Besides remediation of the impacted media, the project also involved protecting fresh water sources from salt -water intrusion.
2006 -2009 - Role: Project Manager

Various Investigations & Testing
U.S. Department of Energy
Dynne-McDermott, Strategic Petroleum Reserve, Weeks Island Salt Dome, New Iberia, LA
The project included: Hydro geological and geological investigations through geophysical isotope tracing and down-hole logging; well installation, slug testing; pump testing and injection testing of the Department of Energy's (DOE) Weeks Island, Louisiana, Strategic Petroleum Reserve site. Pump test modeling results were presented to the DOE and Sandia National Laboratories to identify and evaluate probable scenarios to mitigate possible catastrophic failures.
1996 - Role: Project Manager

Kenneth E. Landrum, PH.D., P.G., RSO

Associate/Senior Hydro geologist/Geochemist
Weir Environmental, LLC

Mr. Landrum has broad knowledge and working experience in various areas of environmental engineering and geology. These include: Environmental, hydro geological, and resource assessments; soil, sediment and water sampling techniques; geomorphology and sediment logy; analytical instrumentation and data quality assurance/quality control; statistical analysis of scientific problems; human health and ecologic risk assessment; environmental law and compliance; development of resource management and wetland-spreservation plans; review of environmental impact statements.

Education

Ph.D., Geology, 1999, Tulane University, New Orleans, LA
Fields of specialty are Geochemistry, Environmental Geology, and Hydrology.
M.S., Geology, 1989, Northeast Louisiana University, Monroe, LA
B.S., Education, 1988, Northeast Louisiana University, Monroe, LA
B.S., Geology, 1984, University Of Southwest Louisiana, Lafayette, LA

Professional Registrations, Affiliations and Training, Including:

- *American Association of Groundwater Scientists and Engineers*
- *Louisiana Department of Environmental Quality Outstanding achievement by a team, Department of Defense Restoration, 1999*
- *Best Environmental Paper, Second Place, Gulf Coast Association of Geological Societies, 1995*
- *Harmonizing Water Quality Monitoring Requirements, Gulf Coast Regional Workshop*

Project Experience

Environmental Services
New Orleans Sewerage & Water Board
New Orleans, LA

The project involved preparation of a RECAP Work Plan for submittal to the Louisiana Department of Environmental Quality (LDEQ); Groundwater and Soil RECAP Investigation; installation of soil borings and temporary monitor wells; collecting soil and groundwater samples for analyses; slug tests on groundwater regimen to determine aquifer characteristics; analyses of RECAP data and data collected from a pre-RECAP investigation; preparing an LDEQ Risk Evaluation Report in support of the closure of the Sewage and Water Board's 50,000 gallon bunker oil aboveground storage tank at its Carrollton plant.
2010 – Principal Scientist - Role: Geologist

Temporary Inmate Facility
Orleans Parish Prison, New Orleans, LA

The project centered around the investigation of an unidentified leaking vessel on the site of the Temporary Inmate Facility at the Orleans Parish Prison. Weir Environmental was contracted to prepare a RECAP Work Plan for a Soil and Groundwater Investigation and for the tank's closure. Other project components: Groundwater and Soil RECAP Investigation; installation of soil borings and temporary monitor wells; collecting soil and groundwater samples for analyses; slug tests on the groundwater regimen; analyses of the RECAP data; and preparing an LDEQ Risk Evaluation Report and a detailed Total Cancer Risk Analysis in support of the closure of the prison facility.
2010 – Role: Lead Scientist\Geologist

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Jet Fuel Pipeline Assessment
New Orleans International Airport
New Orleans, LA
Mr. Landrum is currently performing an LDEQ RECAP Assessment of the airport's Jet Fuel Pipeline. The project includes development and submittal of Site Investigation Workplans, Quality Assurance Programs, as well as the implementation of the soil and groundwater characterization in accordance with the LDEQ approved RECAP Workplans. Additionally, Mr. Landrum is directing the remedial efforts for the impacted soil and groundwater. Following successful remedial actions, Mr. Landrum will prepare the final RECAP Report in support of closure for the site.
2010 - Ongoing - Role: Lead Scientist\Geologist

Experience With Other Firms

Litigation Expert Assistance
Didriksen Law Firm
New Orleans, LA
Mr. Landrum has assisted the Suisse RE- International insurance company in various court cases. As an expert in his field, he conducted Naturally Occurring Radioactive Material site characterizations, assessments, depositions, and provided testimonies in the New Orleans District Court.
2003 & 2008 - Role: Hydrological, Geochemical and Geological Litigation Expert

Various Projects
Across U.S.
Over the last several years, Mr. Landrum has formulated and executed rigorous scientific investigations describing the interaction of wastes in terrestrial ecosystems. He has developed geologic and hydrologic investigation techniques to determine fate and transport of chemicals in the environment and the interaction of physical, chemical, biological processes in surface and subsurface strata. Mr. Landrum has also developed remediation concepts and site-specific remedial technologies, as well as site conceptual risk assessment models, risk evaluations, and risk communication.

He has conducted numerous field Investigations and RECAP Site Investigation Work plans and Risk Evaluation and Corrective Action Plans. He has also conducted numerous UST and blow-down vessel removals, excavation and disposal, field investigations, geophysical surveys and analysis. On a variety of projects, Mr. Landrum has also conducted Phase II site-wide investigations, geological and hydrologi-

(Kenneth Landrum, continued)

cal characterizations and site assessments.
2002-2009 - Role: Project Manager

Assessment & Investigation Project
Earth Search, Inc. and the United States Army Corps of Engineers - Cultural Resource, Indian Bayou, LA
The project involved the assessment of Indian Bayou Recreation Area in coastal Louisiana. As project geologist, Mr. Landrum oversaw the geologic investigation for the project. This included: Stratigraphy, analysis of soil borings, soil pedogenesis, sedimentation, and geomorphology to determine the existence of previous cultures in the Atchafalaya Basin.
2005 - Role: Project Geologist

Office Motor Pool Investigation and Assessment
Terrebonne Parish Sheriff's, Houma, LA
Managed the removal of a gasoline UST and developed a RECAP Site Investigation. He also developed a Work plan and Risk Evaluation and Corrective Action Plan for the Terrebonne Parish
2006 - Role: Project Manager

Studies and Research
Various Projects, Across U.S.
Developed site conceptual risk assessment models at sites contaminated with naturally occurring and anthropogenic chemical constituents. He has also devised critical field experiments to test, validate, or alter the concepts. Projects also involved the development and implementation of numerous groundwater characterizations studies, site investigation work plans, ecological assessments, risk evaluations and corrective action plans.
2003-2007 - Role: Project Manager

Terrebonne General Medical Center, Houma, LA
Oversaw the development of a deed conveyance notification for TGMC.
2008 - Role: Project Manager

Various Projects
Louisiana
Developed numerous Soil Reuse Plans throughout Louisiana and coordinated and implemented prioritized water quality projects for ecosystem restoration. Several of Mr. Landrum's investigation results were published as interpretive reports in peer-reviewed scientific journals. He has also presented at scientific meetings & forums on a wide range of topics. *1995-2000*

Tammy Chancey

Senior Industrial Hygienist
Weir Environmental, LLC

Ms. Chancey has over six years of experience in the environmental and remediation field, with specialties in lead, asbestos and mold inspection and testing. She has worked as senior industrial hygienist on government and private projects providing oversight, monitoring and reporting. She was also a contractor supervisor for remediation projects ranging from hospitals, civic buildings and university campuses in the Greater New Orleans area.

Education:

BA, Hypermedia and Graphic Design
University of New Orleans, 2003

Certifications:

- *Asbestos Inspector*
- *Asbestos Contractor Supervisor*
- *OSHA Hazwoper*

Project Experience

Environmental Inspections & Monitoring at Historic U.S. Custom House
New Orleans, LA

For Gibbs Construction, Ms. Chancey performed inspections, LEED testing, indoor air quality, lead & asbestos air monitoring for interior renovations at the U.S. Custom House in New Orleans. The U.S. Custom House, a National Historic Landmark, is one of the oldest and most important federal buildings in the Southern United States commissioned by the federal government in the nineteenth century. In 2009, Gibbs was awarded a $21MM contract for tenant improvements and interior renovations. Throughout each phase of the renovations, Ms. Chancey was responsible for project oversight, inspection and air monitoring for asbestos and lead based paint abatement throughout the building. Ms. Chancey also managed the LEED Indoor Air Quality sampling for carbon monoxide, carbon dioxide, particulates, formaldehyde, total volatile organic compounds, 4-phenylcyclohexane, and mold. A final report with test results and analysis was collated and presented to Gibbs in June 2011.
2010 – Present Role: Senior Industrial Hygienist

Indoor Air Quality Testing at United States Army Corps of Engineers
New Orleans, LA
Ms. Chancey performed indoor air quality testing and monitoring at the Army Corp of Engineers facility in New Orleans. The project involves multiple air quality assessments, focusing on carbon dioxide concentrations, and levels of fresh air supplied to the facility.
2007 – Present - Role: Senior Industrial Hygienist

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Multi-tenant Apartment Building Assessments

Houston, TX

Ms. Chancey performed moisture mapping and scope development for the remediation of 22 multi-apartment building complexes in Houston, TX. She conducted a visual inspection of each unit for moisture damage, followed by infrared camera scanning and moisture meter inspection to confirm the presence of moisture. Ms. Chancey created reports to instruct the remediation company on the location and type of moisture damage for each unit and performed final re-inspection after remediation was completed.

2008 - Role: Senior Industrial Hygienist

Experience with Other Firms

RGA Environmental

New Orleans, LA

Ms. Chancey's duties included lead, asbestos, and mold inspections, oversight, air monitoring, and risk assessments; indoor air quality testing; and, project management planning. Ms. Chancey also oversaw various remediation projects. Projects included mold and asbestos inspection, air monitoring, oversight, and project management planning of Delgado Community College's library; baseline and soil sampling, lead and asbestos inspections, for over 200 units at HUD's B.W. Cooper Housing Project, and their personnel and perimeter air monitoring during demolition after Hurricane Katrina; and, mold and asbestos inspections for multiple buildings on Nunez Community College's campus in Chalmette, LA.

2008

Insulation Technologies

New Orleans, LA

Ms. Chancey was responsible for supervising teams ranging from 3 to 50 contractors performing remediation, abatement and demolition. She also acted as client liaison updating project schedules, timelines, and changes in scope of work. Projects included remediation of Tulane University Hospital, Pontchartrain Center in Kenner, LA, and multiple buildings on the University of New Orleans campus including the Arena, TRAK Building, Science and Children's Center.

Zachary Lissard

Environmental Scientist
Weir Environmental, LLC

Mr. Lissard is a Qualified Wildlife Biologist. His experience includes managing NEPA, wildlife related projects, wetland delineations, Section 404 permitting, urban planning compliance, and oil and gas development compliance and permitting. He has conducted scoping, facilitated public meetings, and identified issues and alternatives. Mr. Lissard has consulted on environmental, ecological and compliance issues for private clients and government agencies. He maintains a strong working relationship with both state and federal agencies.

Education

University of Louisiana, B.S. Environmental Science, 2006

Training and Certifications

- *The NEPA Process and Writing Effective NEPA Documents, New Orleans 2010*
- *FAA Licensed Pilot*
- *Certified Wetland Delineator; Wetland Training Institute*
- *Wildlife Hazard Management FAA & Embry Riddle Aeronautical University*
- *40-Hazwoper Training*

Project Experience

Environmental Assessment for a Proposed Air Traffic Control Tower
Teterboro Airport, Teterboro, New Jersey
Mr. Lissard assisted in the writing of an Environmental Assessment (EA) in accordance with the National Environmental Protection Act (NEPA), for the proposed construction of an air traffic control tower at the Teterboro Airport in New Jersey.

Wildlife Hazard Assessment and Management Plan
Alexandria International Airport
Alexandria, Louisiana
Mr. Lissard is the principal biologist and project manager for this contract. 12 months of field surveys will be conducted to document baseline wildlife populations within five miles of the airport. The Wildlife Hazard Assessment will address existing conditions, land use, results of wildlife surveys, and recommendations.
2011

Endangered Species Survey, Ellington Airport
Houston, Texas
Mr. Lissard performed a threatened and endangered species survey for a proposed United States Coast Guard Facility at Ellington Airport in Houston, Texas. A report of the survey's findings was submitted to the United States Coast Guard for inclusion into the NEPA document upon completion of the project.
2010

Wildlife Hazard Assessment and Management Plan, Baton Rouge Regional Airport
Baton Rouge, Louisiana
Twelve months of field surveys will be conducted to document baseline wildlife populations within five miles of the airport. The Wildlife

(Zachary Lissard, continued)

Hazard Assessment will address existing conditions, land use, results of wildlife surveys, and recommendations.
2010-2011 - Role: Principal Biologist/Project Manager

Wildlife Hazard Assessment and Management Plan
Lake Regional Airport
Lake Charles, Louisiana
Twelve months of field surveys will be conducted to document baseline wildlife populations within five miles of the airport. The Wildlife Hazard Assessment will address existing conditions, land use, results of wildlife surveys, and recommendations.
2010-2011 - *Role: Principal Biologist/Project Manager*

Operational Wildlife Hazard Control
Alexandria International Airport
Alexandria, Louisiana
Mr. Lissard assisted the AEX staff in obtaining the necessary state and federal permits to mitigate any potential wildlife hazards that may occur at the airport. Mr. Lissard also assisted the AEX staff in the mitigation of a tree swallow infestation at one of the hangars at airport.
2010

Wildlife Hazard Assessment and Management Plan
Acadiana Regional Airport
New Iberia, Louisiana
Twelve months of field surveys will be conducted to document baseline wildlife populations within five miles of the airport. The Wildlife Hazard Assessment will address existing conditions, land use, results of wildlife surveys, and recommendations.
2010-2011 - Role: Principal Biologist/Project Manager

Montgomery Slough, Upper Ohio River Wildlife Restoration Plan
Pittsburgh, Pennsylvania
Mr. Lissard conducted a wildlife habitat assessment at Montgomery Slough located near Pittsburgh, Pennsylvania. A survey to identify the flora and fauna at the site was conducted. A report with the findings and suggestions for habitat enhancements were submitted to the United States Army Corp of Engineers Nashville District for inclusion into the NEPA document.
2009

IER 12, New Orleans USACE Hurricane Protection Levee
Plaquemines Parish, Louisiana
Mr. Lissard assisted the USACE in the completion of the IER 12 NEPA document to complete a section of Hurricane Protection Levee in

(Zachary Lissard, continued)

Plaquemines Parish. Numerous ecological surveys were completed to identify the flora, fauna, wetlands, fish breeding areas, and problem areas along the right-of-way of the proposed levee. A NEPA report with the findings, concerns, and impacts was submitted to the Army Corps of Engineers for inclusion into the NEPA document.
2008

Wildlife Hazard Assessment and Management Plan
Louis Armstrong New Orleans International Airport
New Orleans, LA
Mr. Lissard completed 12 months of field surveys to document baseline wildlife populations within five miles of the airport and co-authored the Wildlife Hazard Assessment and Management Plan. The Wildlife Hazard Assessment will address existing conditions, land use, results of wildlife surveys, and recommendations.
2010

Biological Assessment and Endangered Species Survey
Meacham Airport
Fort Worth, Texas
Mr. Lissard performed a biological assessment and a threatened and endangered species survey for proposed gas well pad sites and associated gas pipelines at Meacham Airport in Fort Worth, Texas.
2008

White Rock Lake Restoration Project
Dallas, Texas
Mr. Lissard conducted biological assessment a White Rock Lake located in Dallas, Texas. A survey was conducted to identify the flora and fauna at the lake. A report with the findings and suggestions for habitat enhancements were submitted the United States Army Corp of Engineers Fort Worth District for the inclusion into the NEPA document.

Wetland Delineation and Endangered Species surveys for Proposed Gas Well Pad Sites
Big Sandy, Texas
Mr. Lissard conducted wetland delineation and threatened and endangered species surveys for a 500-acre gas well pad unit in Big Sandy, Texas. A Section 404 of the Clean Waters Act permit was submitted and applied for through the United States Corp of Engineers to construct gas well pads and associated pipelines.

(Zachary Lissard, continued)

Wetland Delineations and Endangered Species surveys for Proposed Gas Well Pad Sites and pipeline right of ways
Numerous Counties in Texas
Mr. Lissard conducted wetland delineations and threatened and endangered species surveys for numerous gas well pad sites and pipeline right of ways throughout north Texas. Reports of the findings were written for submittal to the United States Corp of Engineers Fort Worth District.

Migratory Bird Survey for Montgomery County Pass-Through Toll Agreement
Montgomery County, Texas
Mr. Lissard conducted migratory bird surveys along a proposed highway expansion project. Active nests were identified and referenced so that breeding pairs would not be disturbed by project construction during the breeding season. The report was included into the NEPA final NEPA document.

Louisiana Black Bear and Migratory Bird Rookery Surveys
East Cote Blanche Seismic Survey
St. Mary Parish, Louisiana
Mr. Lissard performed Louisiana Black Bear, migratory bird rookery, and threatened and endangered species surveys through the seismic survey area. Areas identified to have presence of these species were identified and monitored throughout the project. Permit alterations were also applied for throughout the project.
2006

LA Department of Wildlife & Fisheries Marine Fisheries Division
Vermillion Bay Louisiana
Mr. Lissard assisted in the capture and recording of information from marine fisheries surveys conducted in Vermillion Bay. The specimen were captured and measured for research purposes.
2002

Louisiana Department of Wildlife and Fisheries American Alligator Reintroduction Project
Throughout Louisiana
Mr. Lissard assisted in capturing, releasing, and recording of information of American Alligators at both farms and in the wild. The alligators were captured, sexed, measured, and tagged so that the information acquired could be used in future surveys of the previous captured alligators.
2000

Liability Coverage

Weir Environmental, L.L.C. is a fully insured industrial hygiene and environmental consulting firm. WEIR maintains the following types of insurance coverage with the following stated limits available:

PROFESSIONAL LIABILITY AND E&O	$2,000,000.00
COMMERCIAL GENERAL LIABILITY	$2,000,000.00
AUTOMOBILE LIABILITY	$1,000,000.00
WORKMAN'S COMPENSATION & EMPLOYERS LIABILITY	$1,000,000.00
EXCESS MARITIME EMPLOYERS LIABILITY	$1,000,000.00
USL&H	$1,000,000.00

Limits listed above are our standard coverage limits. If this coverage does not meet your company's requirements, we are willing to increase limits for projects on an as needed basis. Please contact our management if you have any questions regarding insurance.

WEIR Environmental, L.L.C.

Company Certifications

- Women Business Enterprise (WBE)
- State and Local Disadvantaged Business Enterprise (SLDBE)
- Small Entrepreneurship Certification – Hudson Initiative
- Small Emerging Business Enterprise (SEBD)
- LA Economic Development – Protégé Firm (Mentor-Protégé Tax Credit Program)

Contact Information

Gulf Coast Office - Headquarters

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Office: (504) 324-9667
Fax: (504) 333-6279

Northeast Office

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Email: info@weirenv.com

Company Information

Federal Tax ID # 26-3001240
State of Louisiana # 36819067
DUNS# 828066550
NAICS codes: 541620