COASTAL ENGINEERING CONSULTANTS INC.

July 8, 2014

Ms. Sue Snider
Purchasing Agent
Mr. James Bouquet, PE
Director of Engineering
City of Key West
3126 Flagler Street
Key West, FL 33040

Re: Response to Request for Qualifications (RFQ) #14-004, Environmental Engineering Services

Dear Ms. Snider and Mr. Bouquet:

AirQuest Environmental, Inc. ("AirQuest") is pleased to provide the City of Key West with this response to the above referenced solicitation for Environmental Engineering Services. We are pleased to team with Coastal Engineering Consultants, Inc. (CEC) to provide all of the services required under this solicitation. AirQuest and CEC have proven records of successful environmental and coastal environmental engineering projects at locations throughout Florida, the United States and overseas.

Prime Contractor AirQuest Environmental, Inc.	
DUNs	119169683
Type	State of Florida Certified Woman Owned Business Florida Department of Transportation Disadvantaged Business Enterprise
Size	Small (<$5 Million Revenues)
Administrative and Technical Contact	Traci-Anne Boyle, CIH, CSP President / CEO 6851 SW 45th Street Fort Lauderdale, Florida 33314 Ph: 954/792-4549 Ext. 112 Fx: 954/792-2221 email: traci@airquestinc.com
Company & Professional Licenses	Geology (GB721), Asbestos (ZA-304), Lead Based Paint (FL-16418-3), Radon (RB-2184), and Mold (MRSA 135)

INTRODUCTION TO AIRQUEST

For nearly twelve (12) years, AirQuest has delivered cutting edge innovative solutions to environmental and industrial hygiene challenges. AirQuest is known as an industry architect, working across disciplines and with various stakeholders to identify, assess and improve environmental health and safety for our clients. Our team embraces continual improvement and focuses on "scope, schedule and cost", the language of our clients.

Our success is built largely on our ability to work in a collaborative setting and develop long-term, mutually beneficial relationships with our clients, subcontractors, prime contractors and colleagues. Our project locations range from the City of Key West to the middle of the Pacific, to more than 35 of the

United States, to the Bahamas, US Virgin Islands, Curaçao, Trinidad and Tobago. We've managed projects valued at several million dollars. Our core competency is environmental and industrial hygiene consulting services, with specific concentrations in soil and groundwater assessment and remediation, hazardous materials handling, asbestos, lead paint, indoor air quality, radon, and worker exposure evaluations.

INTRODUCTION TO CEC

Subcontractor Coastal Engineering Consultants, Inc.	
DUNs	092240449
Size	Small Business
Technical Contact	Michael T. Poff, P.E., Vice-President of Engineering 3106 S Horseshoe Dr Naples, FL 34102 Main 239-643-2324 ext 126 Cell 239-285-3783 Fax 239-643-1143 E-Mail mpoff@cecifl.com Web http://www.coastale.com
Company Licenses	Engineering (CA2464), Geology (GB65), Surveyor and Mapper (2464)

CEC offers a significant array of engineering and professional services. CEC's strength is in its nationally recognized expertise in conducting reconnaissance and feasibility studies, performing engineering design from preliminary to final plans and specifications, cost estimating, and performing bid and construction management services for rehabilitation and retrofit of coastal facilities including; coastal systems analysis and erosion control; beach and dune nourishment; marsh and wetland creation; shoreline, stream bank, and channel stabilization; shallow and deep draft navigation, docks and marina facilities; seawalls and marine structures; ecosystem restoration; flora and fauna mitigation evaluations; comprehensive watershed studies; and multi-purpose water resource projects. ***CEC has designed, permitted, and administered the construction of over 22 million cubic yards of sediment for beach nourishment, inlet navigation channel, ecosystem restoration, and other beneficial use projects***. This work has included analysis of tidal inlet hydraulics, sediment transport, numerical modeling of ocean and coastal waves and currents, analysis and design of coastal hard structures, surface water hydrology, hydraulics and hydrodynamics, surface and groundwater modeling, scour studies, and water quality analysis and modeling.

IN CLOSING

We look forward to your favorable response to our proposal. If you have any questions or comments, please don't hesitate to contact Traci at 954/792-4549 extension 112 or Michael at 239/643-2324 extension 126.

Sincerely,

AirQuest Environmental, Inc.

Traci-Anne Boyle, MBA, CIH, CSP
President & CEO

Coastal Engineering Consultants, Inc.

Michael T. Poff, P.E.,
Vice-President of Engineering

CITY OF KEY WEST

RESPONSE TO:

REQUEST FOR QUALIFICATIONS
RFQ #14-004
ENVIRONMENTAL ENGINEERING SERVICES

SUBMITTED TO:

MS. SUE SNIDER
PURCHASING AGENT
CITY OF KEY WEST
3126 FLAGLER STREET
KEY WEST, FL 33040

PREPARED BY:

AIRQUEST ENVIRONMENTAL, INC.
6851 SOUTHWEST 45TH STREET
FORT LAUDERDALE, FLORIDA 33314

AND

COASTAL ENGINEERING CONSULTANTS
3106 S HORSESHOE DRIVE
NAPLES, FL 34102

OUR PROJECT NUMBER: 14-11-8402

JULY 8, 2014

PAGE

1 INTRODUCTION 1

1.1 PRIME / SUBCONTRACTOR AGREEMENT 1
1.2 THE SMALL BUSINESS APPROACH 1
1.3 OFFICE LOCATIONS 1

2 COMPANY PROFILES 2

2.1 PRIME CONTRACTOR AIRQUEST 2
2.1.1 CONTAMINATED SITE INVESTIGATION AND REMEDIATION SERVICES 3
2.1.2 INDUSTRIAL HYGIENE SERVICES 5
2.1.3 UNDERGROUND STORAGE TANK SERVICES 7
2.1.4 REAL ESTATE DEVELOPMENT SUPPORT SERVICES 7
2.1.5 OTHER SERVICES 8
2.2 SUBCONTRACTOR CEC 11
2.2.1 COASTAL ENGINEERING DIVISION 12
2.2.2 SURVEY AND MAPPING DIVISION 13
2.2.3 CAPABILITIES AND SERVICES 14

3 TEAM MEMBERS 19

3.1 TRACI-ANNE BOYLE, BS, MBA, CIH, CSP (AIRQUEST, PRINCIPAL, SENIOR PROJECT MANAGER) 19
3.2 MICHAEL T. POFF, PE (CEC, VICE PRESIDENT, SENIOR PROJECT MANAGER) 19
3.3 MARK A. KINCAID, PE (CEC, SENIOR PROJECT ENGINEER) 23
3.4 ISIDRO DUQUE, BS, PG (AIRQUEST, SENIOR PROJECT MANAGER) 23
3.5 MICHAEL F. STEPHEN, PHD, PG (CEC, CEO, SENIOR PROJECT MANAGER) 23
3.6 JAMES WHALEN, BA, CIEC, LEED AP® (AIRQUEST, QA/QC MANAGER) 23
3.7 TERESA THOMAS, BS, CIEC (AIRQUEST, SENIOR ENVIRONMENTAL SCIENTIST) 24
3.8 VADIM V. ALYMOV, PHD (CEC, PROJECT MANAGER) 24
3.9 RICHARD J. EWING, PSM (CEC, PROJECT MANAGER) 24
3.10 KRIS W. THOEMKE, PHD, CEP (CEC, PROJECT MANAGER) 24

4 RELEVANT PROJECT EXPERIENCE 26

4.1 CONTINUING CONTRACTS 26
4.2 SAMPLE PROJECTS 26
4.3 PAST PERFORMANCE 26

5 PROPOSED MANAGEMENT APPROACH 33

5.1 TECHNICAL APPROACH 33

5.2 PROJECT MANAGEMENT **34**
5.2.1 TEAM ORGANIZATION 34
5.2.2 PREMISE 34
5.2.3 EXECUTION 36
5.2.4 OTHER SUB-CONTRACTORS 37
5.3 QUALITY ASSURANCE / QUALITY CONTROL **37**

TABLES

Table 1 - Office Locations 1
Table 2 - Summary of Personnel Qualifications and Experience 20
Table 3 - Select Project Experience 27

FIGURES

Figure 1 - AirQuest Project Locations 2
Figure 2 – City of Key West Project Factsheet 30
Figure 3- City of Lauderhill, City Engineer Letter of Reference 31
Figure 4 - Organizational Chart 35

APPENDICES

Appendix I – Executed Proposal Documents

Appendix II - Licenses

Appendix III – Resumes

Appendix IV - Project Fact Sheets

Appendix V - Letters of Recommendation

1 INTRODUCTION

AirQuest Environmental, Inc. ("AirQuest") and Coastal Engineering Consultants (CEC) are pleased to present our technical proposal for the City of Key West Environmental Engineering Services. Executed copies of the Anti-Kickback Affidavit, Public Entity Crimes Certification and Equal Benefits for Domestic Partners Affidavit is included Appendix I. Appendix I also contains the acknowledgement of Addendums.

1.1 PRIME / SUBCONTRACTOR AGREEMENT

AirQuest will serve as the prime contractor with CEC as a subcontractor. The subcontractor agreement between AirQuest and CEC will include reference to the prime contract with the City of Key West.

1.2 THE SMALL BUSINESS APPROACH

AirQuest and CEC are established, successful, small South Florida firms. Smaller is certainly better when you consider increased flexibility, speed, and the relentless commitment that can only be given by specific project focus found with smaller firms. The City of Key West will be an important client for both firms, creating "project buy in" that is unparalleled with larger firms that serve essentially only as detached project managers.

1.3 OFFICE LOCATIONS

The contract will be managed through AirQuest's Fort Lauderdale office, which is a 10 minute drive to the Fort Lauderdale Airport. CEC is located in Naples, adjacent to the Naples Airport. Thus both firms have easy access to Key West through both ground and air transportation. AirQuest routinely services the Keys for a variety of private and public clients (term contracts).

A summary of our office locations is provided in Table 1.

Table 1 - Office Locations

Firm/Advisor	Headquarters	Other Locations
AirQuest Environmental, Inc. (954) 792-4549 www.AirQuestInc.com	6851 SW 45th Street Fort Lauderdale, FL 33314	Lakeland, FL Schenectady, NY Danville, CA
Coastal Engineering Consultants (239) 643-2324 www.cecifl.com	3106 South Horseshoe Drive Naples, Florida34104	Baton Rouge, LA

2 COMPANY PROFILES

AirQuest and CEC company and personnel licenses are included in Appendix II.

2.1 PRIME CONTRACTOR AIRQUEST

AirQuest was incorporated in 2002 as a niche industrial hygiene and environmental consulting firm. Our services include industrial hygiene, due diligence investigations, indoor air quality, safety, soil and groundwater assessments and remediation, risk assessments and select environmental permitting services. We have personnel and company licenses in numerous states throughout the country and have performed services from small local governments to federal agencies and with projects valued at over $2 Million.

AirQuest is a small business with all of the flexibility and personal service that benefits our clients. However, we have the attitude and structure of a large corporation with all of the security that comes from dealing with a large corporation. For example, AirQuest maintains $2 million in professional liability insurance – well beyond what many small businesses offer, and twice what is required for most contracts. We set ourselves apart by maintaining a keen business sense – anticipating our clients' needs, maintaining competitive rates, providing superior work product and keeping our focus on "Scope, Schedule and Cost", the language of our clients.

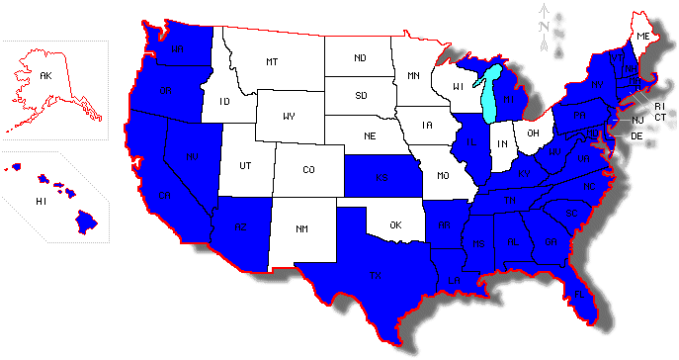


Figure 1 - AirQuest Project Locations

Many consulting firms claim to provide exceptional service, but the reason our personnel are driven to supersede expectations is because of the unique business model we follow. All of our employees (from clerical to senior project management) are paid competitive salaries, have benefits, vacation and sick time above industry standards, are eligible to participate in profit sharing, work from home as projects allow and are reimbursed for all expenses (including mileage). AirQuest treats its employees well because it makes good business sense – it is not unusual for our team to be working after hours, on weekends or on holidays. Because we take care of our staff, our personnel go the extra mile with a positive attitude, which translates into exceptional client service.

AirQuest's personnel have worked in nearly every setting in our society – from apartments to single family residences to military installations, government buildings and operations, to hospitals, churches, police and fire departments, to hotels, retail stores and malls, to firing ranges, to major multi-building industrial complexes, to bridges, ditches and on marine vessels. Our robust client list includes multinational corporations, research and educational facilities, homeowners, small businesses and local, state, federal and foreign governments. Our project

locations range from the middle of the Pacific, to more than 35 of the United States, to the Bahamas, US Virgin Islands, Curaçao, Trinidad and Tobago.

2.1.1 Contaminated Site Investigation and Remediation Services

AirQuest offers in-depth knowledge and experience in remediation and restoration of contaminated sites involving the entire range of affected media in a variety of environmental settings. Our interdisciplinary team is particularly experienced with remediation of industrial and instructional facilities, mining properties, landfills, as well as transportation and agricultural infrastructure. We offer an integrated management approach to remediation design and restoration, ensuring that all technical, legal and regulatory requirements are achieved while emphasizing stakeholder and community involvement. Our technical approach focuses on developing an in-depth understanding of the processes and sources of contamination, the nature and extent of contaminated media, and determining potential exposure pathways and impacts to human health and the environment. A remedial and site restoration design can then be prepared that achieves reasonable cleanup levels which are safe for human and ecological receptors and are in compliance with local, state or federal standards, as applicable. Our remediation and restoration projects incorporate Green and Sustainable concepts, which emphasize the efficient use of natural resources and energy, the minimization of negative environmental impacts and control, minimization and/or elimination of pollution sources. Use of innovative technologies for waste stabilization, reduction, reuse or treatment can be utilized for the benefit and protection of stakeholders and the community.

The environmental investigation of contaminates sites is a complex process that should be undertaken by competent consultants. AirQuest's professionals have investigated and characterized many contaminated sites in South Florida, the Caribbean and Latin America. We perform the investigation, assessment, and remediation in phases. The Phase I desktop study, site reconnaissance and preliminary risk assessment is designed to obtain a good understanding of the site history, regulatory status, site setting, current and proposed use. The information gathered in this phase, allows AirQuest to develop a detailed phase II, the intrusive site investigation and risk assessment. These efforts are combined for the success of the remediation phase.

Desktop Review

This task includes the search of available historical and regulatory records to identify potential on-site and off-site sources of contamination. This task includes the following:

- Site Location/Settings
- Current and past use of the site and adjacent properties
- Types of contamination
- Geology and Hydrogeology

Site Reconnaissance

The site reconnaissance is performed to verify the information gathered during the desktop review. Site observations include:

- Site Layout
- Presence of sources of contamination

- General condition of the contamination sources (i.e. USTs, ASTS, chemical Storage areas, & equipment)
- Condition of the site and existing structures
- Evidence of environmental impacts

Preliminary Risk Assessment

Following the implementation of a desktop review and site reconnaissance, a conceptual site model is developed to establish the likely pathways and sensitive receptors that could be impacted by potential contamination.

Phase II

Phase II of a site investigation is designed to characterize the nature and extent of contamination. The design includes the following:

- Regulatory requirements
- Objectives of the investigation based on the conceptual site model of the Phase I.
- The sampling plan, parameters, subsurface and surface location points, equipment and methods for the intrusive investigation, depth, patterns, number of samples, frequency and duration of monitoring.
- Sampling and/or monitoring methods
- Laboratory analytical methods

Remediation Design Phase

The purpose of the remediation design phase is to manage the environmental risks identified during the Phase I/II including the confirmed or negotiated regulatory liabilities. Qualified professionals within our group will review the results of the site investigation/assessment and determine whether to remediate the site to a generic criteria or to perform additional work to develop a site specific remediation plan based on the risk assessment approach. Once the remediation criteria are determined and all stakeholders are on board, a remedial action plan (RAP) is prepared to detail the methodology for achieving the criteria and the proposed remedial action. A remediation plan will include the following:

- Key personnel, consultants, and contractors;
- Summary of all data gathered during the phases of the site investigation/assessment;
- Identification of all parameters of concern;
- Identification of proposed cleanup criteria and method(s) by which they have been derived;
- Identification, quantification and characterization of the materials/contaminants to be treated or removed;
- Summary of remedial options evaluated and method used in the selection of the proposed remedial strategy;
- Description of the selected remedial method or technology (i.e. pump and treat, bioremediation, air sparging, soil vapor extraction, multi-phase vacuum extraction, excavation and disposal or incineration and natural attenuation) including the technical feasibility;
- Implementation plan including a timeline for tasks;
- Discussion of control methods to minimize air emissions, surface water control, worker health and safety;
- Identification of the fate of residual contaminants; and

- Remedial verification/monitoring plans

2.1.2 Industrial Hygiene Services

AirQuest has a strong industrial hygiene department lead by the firm's owner, Ms. Boyle, a Certified Industrial Hygienist and Certified Safety Professional. Our professionals work with employers to reduce employee exposures to create a safe and healthful work environment. Examples of our experience include:

- evaluating crew exposures to waste water treatment plant operations aboard a cruise ship
- measuring silica exposures during manufacturing operations in an aircraft part maintenance facility
- evaluating worker exposures during gun range cleaning activities
- developing a health and safety plan for the United States Bureau of Land Management for remediation of an abandoned mine warehouse that was contaminated with mercury and various hazardous wastes

Asbestos

AirQuest has one of the most accomplished asbestos departments in the country. The staff at AirQuest has an average of over ten years experience conducting asbestos surveys and the management of abatement projects. We are a licensed asbestos consulting firm in Florida, Tennessee and New York. All asbestos personnel are certified under the Toxic Substances Control Act (TSCA) Title II/Asbestos Hazard Emergency Response Act (AHERA). AirQuest is one of only a few consulting firms to have American Industrial Hygiene Association (AIHA) Asbestos Analyst Registry (AAR) analysts on staff. AirQuest personnel have conducted thousands of surveys and designed and managed numerous abatement projects ranging from residences to historic buildings, to hospitals and large industrial complexes ***and large international emergency responses.***

1. Asbestos Surveys

AirQuest inspectors have extensive experience in performing asbestos surveys for property transactions so that the financial liability associated with managing and removing the asbestos containing material (ACM) can be considered in the valuation of the property.

Prior to renovation and demolition activities, the Environmental Protection Agency's (EPA's) National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation requires that all building materials that will be impacted first be surveyed to identify all ACM. AirQuest has numerous term contracts for pre-demolition asbestos surveys for retailers, local, state and federal agencies.

Finally, surveys for ACM may be performed to comply with Occupational Safety & Health Administration (OSHA) regulations. All workers must be informed of ACM or PACM (presumed asbestos containing material) to insure that workers do not disturb the materials, creating potential exposure.

2. Asbestos Abatement

Once the decision has been made to remove ACM, AirQuest can manage the cost-effective removal process through the use of subcontractors with whom AirQuest has competitive rates and long-standing relationships. AirQuest manages the project from the project design, submission of the ten-day notification to State and local EPA representatives, subcontracting and management of removal activities, clearance procedures, and compilation of a post-abatement report. The post abatement report includes a daily journal of abatement activities, daily and clearance air monitoring results and waste disposal manifests. All procedures and documentation are designed to meet the requirements of Federal, state and local regulatory agencies.

Lead-Based Paint Consulting

AirQuest is licensed to conduct lead based paint consulting services in several states. We have numerous EPA accredited lead based paint inspectors, risk assessors and Renovation, Repair & Painting (RRP) certified individuals onstaff. We also own two (2) XRF Lead Based Paint Analyzers.

1. Inspections

Our EPA certified Lead Based Paint Inspector conducts inspections to determine the existence of lead based paint through a surface-by-surface investigation of the residential dwelling, child-occupied facility, or other structure/object as requested by the client. In accordance with EPA requirements, the inspection is conducted using documented methodologies and adequate quality control measures and the results are incorporated into a report. Samples can be read onsite with an x-ray fluorescence (XRF) lead based paint analyzer or paint chip samples can be submitted for laboratory analysis.

2. Risk Assessment

If needed or at the request of the client, a risk assessment is conducted by an EPA certified Risk Assessor. The risk assessment includes a visual assessment of the building and paint condition. Sampling locations are selected based on use patterns and visual observations. Dust samples are typically collected in the areas such as the entryway, common spaces, the kitchen, the living room, a child's bedroom and playroom. Samples may be collected from floors, interior window sills (stools), window troughs, (window wells) and other surfaces suspected of contamination.

Any hazards identified as well as acceptable control measures, including interim control and abatement options are included in a written report. The report includes rough cost estimates of specific alternatives by building component, including the costs of reevaluation (if applicable).

3. Clearance

Lead-based paint clearance sampling is conducted by an EPA certified Lead Based Paint Inspector. In accordance with EPA requirements, the clearance is conducted at least one (1) hour

after completion of abatement activities. The inspector conducts a visual examination to determine: (1) if all required work has been completed, (2) if all lead-based paint hazards have been controlled, (3) that there is no visible settled dust, paint chips, or debris in the interior or around the exterior. If the visual inspection is satisfactory, clearance dust sampling of floors, interior window sills, and window troughs is conducted.

Radon

Radon gas is a colorless, odorless gas that builds up inside homes and other buildings after entering the structures from the sediment beneath through the foundation, pipes, drains and other routes of entry or from well water.

According to the U.S. Environmental Protection Agency, as many as 1 in 15 homes has elevated concentrations of radon gas (>4 pCi/L). Radon is estimated to cause about 21,000 lung cancer deaths per year, according to *EPA's 2003 Assessment of Risks from Radon in Homes (EPA 402-R-03-003)*, making it the second leading cause of lung cancer in the U.S.

Contrary to common opinion even within the environmental industry, sediment in areas of South Florida do produce radon gas, which may result in dangerous concentrations in occupied indoor areas. AirQuest is licensed by the State of Florida as a Radon Measurement firm (RB2184) and has taken thousands of radon measurements at sites such as high rises, single-family residences, hotels and schools.

2.1.3 Underground Storage Tank Services

AirQuest personnel has overseen the installation, upgrade, repair, abandonment, removal, tank testing of Underground Storage Tank (UST) and Aboveground Storage Tank (AST) systems on behalf of the United States Environmental Protection Agency (USEPA), multinational petroleum companies, independent service station owners and industrial/commercial operating companies among others. In order to improve environmental regulatory compliance, reduce business liability and the potential for environmental and human health harm, AQ knowledgeable personnel of applicable federal and State requirements for operation and maintenance of UST systems, can perform training on release prevention and detection, emergency response, financial responsibility and notification requirements.

AirQuest personnel has coordinated and supervised hundreds of UST system removals. Many UST removals have included initial remedial actions of soils, soil disposal or treatment. These activities are usually followed by soil verification sampling and analysis, monitoring well installation, groundwater sampling and analysis, and the preparation of Tank Closure Assessment Reports (T-CARS) to comply with State and local environmental regulations.

2.1.4 Real Estate Development Support Services

AirQuest personnel have extensive experience performing environmental site assessment and due diligence investigations. AirQuest's President and Vice President of Operations are American Society of Testing Materials (ASTM) members. AirQuest participates in the committee that publishes the industry standard for due diligence investigations and has performed or supervised hundreds of due diligence investigations and remedial actions. Our services include:

Phase I Environmental Site Assessments

- Site Investigation / Inspection
- Records Review
- Interviews
- Report Preparation

Non-Scope Considerations

- Asbestos survey
- Radon
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Industrial hygiene
- Health & safety
- Ecological resources
- Endangered species
- Indoor air quality
- High voltage power lines
- Mold & moisture

Transaction Screens

Phase II Environmental Site Assessments

- Soil Investigation
- Groundwater Investigation
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources

Remedial Actions

- Soils
- Groundwater
- Lead-based paint
- Asbestos
- Indoor Air Quality

2.1.5 Other Services

AirQuest offers other services that may be beneficial to the City of Key West. Short summaries of these services are included for consideration.

Air Quality

Poor indoor air quality (IAQ) in the workplace can decrease employee productivity and lead to health complaints and worker absenteeism. AirQuest's Certified Indoor Environmental Consultants (CIECs) have extensive experience identifying the cause and developing a solution to address indoor air quality concerns. AirQuest has performed hundreds of indoor air quality screenings for the Florida Department of Transportation (FDOT). IAQ services typically fall into one (1) of three (3) categories:

1. The IAQ Investigation

Critical components of an IAQ investigation consist of a building investigation, inspection of the HVAC system, review of HVAC maintenance records, and interviews with knowledgeable and concerned site personnel. AirQuest uses the information gathered during the building investigation to identify concerns and to develop the most cost-effective and permanent solution to the IAQ problem. In addition to the visual inspection and interviews, the IAQ Investigation may include one or more of the following:

1. Inspection for signs of visible mold and/or water damage
2. Moisture survey of building materials
3. Temperature, relative humidity, dew point, and wet bulb temperatures
4. Carbon monoxide and carbon dioxide levels
5. Air sampling for constituents of concern, such as volatile organic compounds
6. Photographic documentation of the visual observations
7. Report preparation, including recommendations for additional investigation or remediation

2. Periodic IAQ Monitoring

Some clients wish to establish a baseline IAQ survey or perform periodic monitoring to document air quality. In these instances, AirQuest develops a site-specific periodic monitoring program suited to the client needs.

The periodic sampling program typically consists of a building inspection and field analysis for key IAQ parameters.

3. Operations & Maintenance

The written Operations and Maintenance (O&M) plan is a tool for building owners and property managers. The O&M plan details policies and procedures to document maintenance of HVAC equipment and immediately address any occupant IAQ concerns.

The implementation of an O&M plan can extend the life of the HVAC system, reduce occupant complaints, and reduce remediation costs. AirQuest develops O&M plans based upon the specific needs of the client. O&M functions can be performed by AirQuest or facility personnel.

Pollution Prevention / Resource Efficiency

AirQuest's has Leadership in Energy & Environmental Design (LEED) Accredited Professionals onstaff. Our approach to pollution prevention and resource efficiency meets the following objectives:

- Reduce or eliminate pollution or adverse impacts to human health and the environment from our projects
- Design and implement best management practices that promote the most sustainable use of energy and other resources

- Reduce greenhouse gas emissions

Pollution prevention is evaluated from a life cycle review of the process considering all raw materials and their acquisition through final processing. Elimination of pollution sources through substitution or process design is considered. When pollutants cannot be eliminated, the goal is to minimize impacts to the air, soil, ground and surface waters to the extent feasible using Good International Industry Practices (GIIP).

Energy efficiency analysis includes a systematic review of potential energy efficiency improvements. Improvements may include reducing the load, improving energy distribution, use of lower-carbon fuels, and improving energy conversion efficiencies. AirQuest's LEED AP® professionals pay particular attention to process heating, energy conversion and process cooling.

Greenhouse gas emissions are minimized through careful design and consideration of the entire life cycle of the project. Projects that will produce a significant carbon load are benchmarked against GIIP and a system for periodic process review is developed.

Water is a precious resource that cannot be wasted or used without careful consideration. During all stages of process and design review, AirQuest incorporates technically feasible water conservation measures. If necessary, alternative project locations are considered if significant water usage is required and alternative locations would reduce impact to the environment or society.

Waste is minimized to the extent possible. When waste must be generated, the quantity is reduced through re-use and recycling.

Hazardous Waste Management

The management of hazardous waste and materials is a complex process that involves the law, regulations, applied science, and the protection of personnel at the management site or operations areas. There is a duty to work within any local community to protect, educate and consider the sensibilities of the social structure present. The environmental psychology, philosophy and sociology of the community where hazardous waste and hazardous materials are present must be a critical part of any hazardous materials and hazardous waste plan.

AirQuest provides operational services, recommendations, and guidance in support of hazardous waste management services. Examples include, but are not limited to:

- Data collection, feasibility or risk analysis, hazardous waste site investigation, hazard and/or non hazard exposure assessments, waste characterization and source reduction studies, review and recommendation of waste tracking or handling systems, waste management plans and/or surveys, waste minimization/pollution prevention indicatives, review of technologies and processes impacting waste management.

- Management, furnishing or inventory of Material Safety Data via CD, Internet, facsimile, mail or other media;

- Development of emergency response plans.

AirQuest's experience with hazardous waste includes projects at an abandoned mine for the Bureau of Land Management; decontamination, characterization and disposal of a plane refurbishing warehouse for the Connecticut Army National Guard; and ***characterization and disposal of chemicals from WWII on Midway Island on behalf of the US Fish & Wildlife Service.***

2.2 SUBCONTRACTOR CEC

Founded in 1977, Coastal Engineering Consultants, Inc. (CEC) is a diversified coastal engineering and professional services corporation. Our main business units are Coastal Engineering and Geology, Environmental and Planning Services, and Survey and Mapping. Based in Florida and Louisiana, CEC is actively involved in the evaluation, planning, studies, reports, permitting, design, and contract administration services for coastal engineering and related projects throughout the gulf coast. Our engineers, scientists, permit specialists, and surveyors design workable alternatives to produce timely, cost-effective results that are in harmony with natural ecosystems.

CEC's strength is in its nationally recognized expertise in conducting reconnaissance and feasibility studies, performing engineering design from preliminary to final plans and specifications, cost estimating, and performing bid and construction management services for rehabilitation and retrofit of Coastal Facilities including; coastal systems analysis and erosion control; beach and dune nourishment; marsh and wetland creation; shoreline, stream bank, and channel stabilization; shallow and deep draft navigation, docks and marina facilities; seawalls and marine structures; ecosystem restoration; flora and fauna mitigation evaluations; comprehensive watershed studies; and multi-purpose water resource projects. We have performed planning, environmental assessments, and engineering design services for federal projects under contracts with the Jacksonville District Corps of Engineers and the State of Louisiana including full participation in the USACE Six Step Planning Process. **CEC has designed, permitted, and administered the construction of over 22 million cubic yards of sediment for beach nourishment, inlet navigation channel, ecosystem restoration, and other beneficial use projects.** This work has included analysis of tidal inlet hydraulics, sediment transport, numerical modeling of ocean and coastal waves and currents, analysis and design of coastal hard structures, surface water hydrology, hydraulics and hydrodynamics, surface and groundwater modeling, scour studies, and water quality analysis and modeling.

Our corporate philosophy, first and foremost, stresses that we are customer service representatives. Our clients have needs, and our priority is to meet those needs. We pride ourselves on this philosophy and our clients express their appreciation of same. Second, we feel truly blessed to be a part of this country's vision to restore and maintain its fragile ecosystems. We are honored to have been selected by various community, state and federal governmental agencies to provide comprehensive services on projects of national significance. Third, we enjoy the quality of life around us. As such we "give back" to our communities, staying involved in local outreach and charitable causes. **Of our total staff, 50% have been with the firm over 10 years. This is a testimony to the loyalty and dedication of our key personnel** and their belief in our corporate philosophy and structure.

Our team of professionals includes the following:

- Professional Civil Engineers
- Professional Coastal Engineers

- Professional Surveyors and Mappers
- Certified Environmental Scientists
- Permit Specialists
- Professional Geologists
- CADD Technicians
- Engineering & Survey Technicians
- Survey Field Staff
- Project Coordinators

2.2.1 Coastal Engineering Division

The Coastal Engineering Division of CEC bases its professional credentials on the broad foundation provided by the principals, senior project engineers and senior scientists who have earned advanced degrees in coastal and ocean engineering, marine and estuarine science, coastal geology, and civil engineering. Our staff is actively involved in the planning, design, permitting, monitoring, funding, and construction administration of coastal and marine projects around the world with a geographic focus in southwest Florida and coastal Louisiana.

The Coastal Engineering Division's experience and qualifications include the following services:

Design & Permitting

- Mooring Fields
- Waterfront Recreational Facilities
- Marinas & Boat Ramps
- Stormwater Management
- Environmental Resource Permitting (ERP)
- Joint Coastal Permitting (JCP)
- Coastal Construction Control Line (CCCL)

Hydrogeological Services

- Side Scan Sonar
- Sub-bottom Profiling
- Jet Probes
- Geophysical Surveys
- Groundwater Modeling
- Sediment & Water Quality Monitoring

Coastal Management, Erosion Control, and Shore Protection

- Beach Restoration
- Dune Vegetation & Walkover
- Beach Access and Parking
- Inlet Management
- Navigational Channel Design
- Wetland/Marsh System Design
- Seawalls
- Revetments
- Groins
- Jetties
- Breakwaters
- Marine Structures & Signage

Modeling

- Hydrodynamic Circulation/Sedimentation Modeling
- Wave Refraction and Transformation Modeling

- Shoreline and Storm Profile Response Modeling
- Surface Water Modeling
- Coastal Structure Design Analysis

Environmental Services

- Environmental Site Assessment
- Seagrass and Benthic Resource Surveys
- Permitting Issues Related to Manatees, Sea Turtles and Smalltooth Sawfish
- Listed Species Surveys
- Mitigation Plan Design and Implementation
- Resource Monitoring & Permit Compliance

In conjunction with our Survey and Mapping Division, our staff conducts field surveys and analytical studies utilizing state-of-the-art scientific instrumentation and data collection systems. Typical studies and surveys include beach and offshore profiles, sediment transport and beach erosion modeling, tidal inlet hydraulics, estuarine hydrodynamics, and marina basin flushing.

CEC has designed and permitted three mooring field projects in Southwest Florida and has unparalleled experience with the marine surveys necessary for the siting and marina system designs. Further, we have designed and permitted dozens of navigation channel projects. We have extensive experience with various types of coastal structures, conducted numerous surveys and mapping projects to identify and determine conditions that cause or influence erosion, and performed extensive storm hindcasting and beach erosion modeling studies.

The focus of our services is providing practical, cost-effective solutions to our clients' problems. Our staff of engineers, geologists and environmental scientists are recognized as experts in their respective fields who are capable of dealing with the most challenging engineering and environmental projects.

2.2.2 Survey and Mapping Division

The Survey and Mapping Division of CEC is committed to providing professional land and marine surveying services for beach and inlet management, dredging, community parks and recreational facilities, land development, commercial office and retail centers, golf courses, and public roadways, and utilities. Our services consistently meet and exceed the requirements and expectations as set forth by both State and County agencies. CEC's surveying services and capabilities include the following:

Boundary Surveys

- Section Retracement
- Lot and Block Surveys
- Metes and Bounds Surveys
- Subdivision Plats

Topographic Surveys

- Contour Maps
- Cross-Sections
- Highways/Roads/Lakes
- Photogrammetric Control

State/County Agency Services

- Coastal Construction Control Line Surveys
- Submerged Land Lease Surveys
- Hydrographic Surveys
- Mean High Water Surveys
- Right of Way Surveys

Construction Layout

- Residential Development
- Commercial Development
- Industrial Development
- Highways and Bridges

2.2.3 Capabilities and Services

Between our accomplished divisions, CEC offers a wide range of coastal environmental engineering services, some of which are highlighted below.

Coastal Zone Management, Rehabilitation and Beach Re-nourishment

CEC has prepared **long-term regional coastal zone management plans and coastal systems analysis as well as numerous design of site specific beach and dune restoration projects along the Gulf Coast extending from Texas to Florida**. We have assisted these communities in meeting their goals of restoring resources, enhancing economic stability, providing recreational facilities and benefits, and implementing flood and storm damage reduction measures. Our services have included historical data review; field surveys and observations; offshore and upland sediment source searches; feasibility studies; economic/benefit analysis; environmental resource mapping; geotechnical analysis; computer modeling of waves, tides, and shoreline response; beach and fill design; marsh platform design; borrow area identification, and geometry; cost estimates; project phasing and schedules; financial spreadsheets; construction plans and specifications; permit coordination; bid services; funding coordination; public hearings; construction administration; and resident inspections.

Coastal Structures

We designed and permitted one of the first submerged breakwaters in Florida to reduce wave energy and stabilize a critically eroded shoreline. We have studied the adverse erosive impacts of coastal armoring on sandy shorelines and designed breakwaters to manage wave energy and increase the longevity of beach nourishment. We designed and permitted two terminal groins immediately updrift of inlets to initially stabilize beach fills and reduce end losses and the rehabilitation of an experimental pile cluster wood groin to prolong another beach fill project's life. Working with the University of Florida, we developed one of the first sets of permeable wood groin design criteria. For the USACE Barataria Basin project, our Team members examined the influence of a one mile long breakwater field on the shoreline in the lee of the structures. The headland has been eroding at a rate of 45 feet per year for the past 100 years. Our monitoring and analyses documented that the breakwaters and terminal groin located adjacent to the inlet at the downdrift end of the headland reduced the erosion rate by as much as 33%. Our modeling team set up and calibrated a GENESIS model to replicate this coastal process, and predicted the same order of magnitude of erosion reduction from the structures' influence. We have served on an integrated consulting team to develop design criteria for a segmented breakwater system on an ecosystem restoration project. The project area was experiencing one of the highest erosion rates in the

country. The primary goal of this project was to protect the island's rookery and seabird colonies from the encroaching shoreline by reducing the rate of erosion through the construction of the breakwaters. We conducted a peer review of the geotechnical consultant's field sampling; laboratory tests; calculations for strength and compressibility of the soils; and slope stability and settlement analyses. Recently we designed, permitted and oversaw the construction of two Erosion Control Projects comprised of beach fill and coastal structures (groins, breakwaters, and t-groins) through the FDEP and USACE process in 9 months and 14 months, respectively. **For our structural projects, the primary goal of our coastal engineers and modelers is to mimic the natural processes through implementation of the minimalistic structural footprint to complement the restoration project's goals and objectives.**

Navigation, Tidal Hydraulics, and Inlet Management

Our personnel have been involved in planning and designing dozens of federal and non-federal navigation projects along the Gulf Coast. We are industry leaders in analyzing inlets and their impacts to adjacent beaches and estuaries. From completion of the first inlet management plan through the recent permits issued for inlet reopening projects and associated beach nourishment activities, we have lead the way in technical achievement, regulatory prowess, and environmental concern. We have successfully addressed the full range of inlet-related services including shoreline response, beach erosion mitigation, regional sediment budgets, channel design, tide and current data collection for model input, hydrodynamic and water quality modeling, and environmental impact assessments.

Marine Structure Inspections, Design and Repairs

The marine and coastal engineers and geologists of our team have over 100 years of combined experience in the inspection of marine structures. Our specific tasks have included underwater structural inspections including video; jet probing and sediment testing; submerged utility location surveys; submerged utility repairs; pier, dock, bulkhead and seawall repair plans and specifications; new facility construction plans and specifications; bid services; and construction administration services. **Our senior marine engineer has inspected the majority of the U.S. naval installations and developed repair and maintenance plans to address the deficiencies identified during the inspections.**

Waterfront and Marina Development

One of our main areas of expertise is in the design and permitting of diverse waterfront development projects and marina facilities for both the public and private sectors. Our specialty in coordinating the state and federal permits is built in gaining rapport with the agencies through communication and education. Our designs have successfully minimized environmental impacts or have included appropriate mitigation plans such that the environmental agencies respect our work product. The size of our projects has ranged from small dock modifications on the order of a few thousand dollars; to mooring fields; to major dredging, seawall, dock, and shoreline infrastructure totaling millions of dollars.

State and Federal Permitting

Our environmental scientists and project managers have worked with the various state and federal agencies longer than most agency staff have been there. Beyond the less-than-clear-regulations, we recognize the critical human elements of trust, judgment, and discretion in the permitting process. **We have established a permitting team to improve the depth of permitting expertise to most**

effectively work with the regulatory agencies consistent with regulations. The permit team meets routinely to review the status of all current permit applications and issued permit compliance. They tracks permits and proactively manage the work to obtain the desired permit on time and within budget. We expeditiously prepare applications and/or Request for Additional Information "RAI" responses and send it to the agencies. When action by an agency staff member is needed, we strive to persistently but graciously, prompt the needed action via emails, phone calls, or a personal appearance in the agency office, where we'll appeal up the chain of command until we receive an acceptable or reasonable agency response. Ultimately, many projects will boil down to differences in judgment and opinion between the applicant and agency staff. **Our approach fosters understanding, trust, favorable discretion in the permitting process, and ultimately favorable final agency action**. For our recent projects we have set up a pre-application meeting to present the conceptual plan and get their feedback. Then we prepare the permit application and documents and have pre-submittal meeting to review the draft deliverables and again get their feedback. After submittal we meet for a third time to try and iron out issues prior to an RAI being issued. Further, we conduct joint field work with their biologists to confirm resource mapping. These "new" approaches are resulting in the most timely permit issuance process in the past 18 years. The cooperation has never been at this level and so professional in nature.

Sediment Source and Geotechnical Surveys

The location, definition, and quantification of high quality sand and sediment resources is one of the most significant components contributing to the success of coastal restoration projects. A well-defined sediment source separated from sensitive environmental resources provides for the most predictable performance of a coastal restoration project. Our team has conducted and overseen hundreds of miles of geophysical surveys to locate potential borrow areas. Our field staff are comprised of marine scientists, geologists, and engineers who have extensive scuba diving, bathymetric, and hydrographic survey experience. We have sampled and overseen the collection of hundreds of vibracores and jet probes, underwater sediment sampling by divers, magnetometer surveys, and bottom sediment sampling by barge-mounted clamshells, which have been used to qualify, characterize, and optimize borrow characteristics. Our personnel have reviewed geological and geotechnical data to rank borrow areas, determine available quantities, and verify compatibility of the borrow material to the native material. Not only is the material composition important to match but also grain size and color. Further, we have developed technical specifications describing special handling methods and turbidity controls for silty, fine sediments, or specifying special equipment and booster requirements for heavy, coarse sediments.

Numerical Modeling

CEC has experience in applying a variety of USACE-approved numerical models for coastal, estuarine, and environmental project designs. These modeling studies include analysis of beach and dune erosion (SBEACH), wave modeling (STWAVE, CMS-WAVE, SWAN), beach fill diffusion and shoreline change (GENESIS), hydrodynamic modeling (ADCIRC, RMA2, CMS-FLOW, DELFT3D, MIKE21), and morphologic change modeling (DELFT3D, MIKE21). We have experience in water quality sampling, hydrogeological investigation, and soil analyses. Our top scientists and engineers have worked extensively on estuarine systems and interior waterways, applying these numerical models for predicting impacts on wave and circulation patterns, shoreline and navigation that may result from various activities including borrow area dredging and channel modification. We have utilized the model results for design optimization, sediment transport and scour studies, and recommending alternatives for engineering design.

Physical and Biological Monitoring

One of our Team's strengths is performing monitoring programs for many of the gulf coast communities including those required by their regulatory permit conditions. The program includes measuring beach profiles and channel cross sections to document shoreline migration trends and beach volumetric accretion and erosion trends, endangered species surveys, sea grass monitoring plans, and inlet hydraulics consisting of tidal and current velocity measurements and tidal prism analyses. The surveys are complimented by the acquisition of scale rectified aerial photography. These photographs are essential in each sponsor's coastal zone management program for many reasons including documenting the trends measured in the surveys, depicting nearshore habitat features, depicting inlet channel and shoal features, and serving as base maps for project permit drawings and construction plans. The purpose and benefits of physical monitoring are described below.

Living Shorelines

We has assisted clients evaluate Living Shorelines as alternatives to armoring for shoreline stabilization. For one project in Florida we studied the cause of siltation and deposition in the dock basin and analyze alternatives to reduce the maintenance dredge needs for one of the State Parks on a bridgeless barrier island. We were tasked with site inspection, topographic and bathymetric survey, sediment sampling and jet probing, historical aerial review, storm impact assessment, numerical modeling, alternatives analysis, cost estimating, and reporting. Alternatives developed included no new action, native vegetation planting, living shoreline, and groin field. Alternatives were screened for technical, environmental, and fiscal parameters. Modeling results indicated that the groin field had the capacity to stabilize the shoreline and reduce maintenance dredging needs over the period of analysis. However, the environmental issues surrounding the structural solution were viewed to be unfavorable. **Creating the Living Shoreline also yielded reduced maintenance dredging needs and was viewed positively in terms of creating and simulating a natural system,** thus it was recommended for the selected plan.

Post-Storm Disaster Recovery Planning

With regard to hazard mitigation along the coastline, it is critically important that the state and local governments increase their ability to restore their coastal and waterfront resources after flooding, storms, and other catastrophic events through the development and implementation of a pre-disaster, long-term planning effort. The obliteration of resources causes a tremendous potential adverse economic impact to the entire community. They serve as a recreational destination to the tourism industry, the industry upon which coastal communities are founded. All of the commercial interests that make up the business network would be at a tremendous loss off revenues and may never recover without the restoration of the resources. The means to address recovery should include the development of an integrated pre-disaster, long-term plan, which would allow coordination of multiple local, state, and federal agency efforts during the immediate post-storm recovery effort. Further, it would provide for a more cost-effective and time-saving approach by pre-identifying all of the mechanical and other working components of the recoveries so that they can be put in place prior to the storm. The recoveries include such things as inter-local agreements and agreements with specialized equipment contractors or suppliers of materials that are anticipated to be needed and who are able to rapidly mobilize and conduct the necessary cleanup and debris removal and restoration efforts. The state and local governments should identify anticipated damage that will impact the community and the restoration resources as a result of a catastrophic event. **Currently we are developing a Barrier Island Breach**

Management Plan for the State of Louisiana modeling it after the USACE's Breach Contingency Plan for Fire Island to Montauk Point, New York; including both breach prevention and breach response closure measures.

Public Safety Design Qualifications

With respect to our Team's qualifications for meeting public safety requirements, all of our marine related projects are designed with public safety in mind. Marinas, boat basins, navigational channels, and harbor anchorage and mooring plans have public safety issues and concerns. Our engineers have extensive experience in designing marinas with adequate turning radius and draft for vessel clearance to allow maneuvering and passing, using appropriate navigational markers. For dredge and fill permits, we specify the types of boater education signage for increased public safety, endangered species awareness, and environmental resource protection. **We take great care in designing and providing safe facilities, not only for the general public, but also for special users. Recent changes in federal and state rules include requirements for marina facilities to be designed for ADA accessibility, and we stay abreast of changes in the laws for ADA standards**.

3 TEAM MEMBERS

The qualifications and experience of nearly thirty (30) personnel are summarized in Table 2. Resumes are included Appendix III. Key personnel and their expertise and responsibilities under this contract are summarized below.

3.1 TRACI-ANNE BOYLE, BS, MBA, CIH, CSP (AIRQUEST, PRINCIPAL, SENIOR PROJECT MANAGER)

Ms. Boyle has over twenty-one (21) years environmental and industrial hygiene consulting experience spanning more than twenty-five (25) states in the US, the Caribbean and Pacific Islands. Her experience includes simultaneous senior project management of multi-million dollar environmental projects in three (3) states. She is a Certified Industrial Hygienist (CIH), a Certified Safety Professional (CSP) and is licensed for various industrial hygiene consulting disciplines in several of the United States.

Ms. Boyle will be the Principal in Charge for the City of Key West. She will be responsible for all contract negotiations and contract execution. Ms. Boyle will direct the staff and resources for the successful execution of the contract throughout the contract term.

Ms. Boyle will be responsible for administering all consulting services task orders. She will direct and coordinate the team members for the favorable completion of awarded projects. She will prepare scopes of work, develop estimates and monitor resources. Ms. Boyle will provide periodic oversight and act as a liaison with Mr. Poff, who will be representing the coastal engineering members of the team.

Ms. Boyle will be ultimately responsible for all health and safety concerns. She will monitor the planning and execution of each health and safety related task. She will make final determinations on data interpretation and recommendations. She will be responsible for reviewing and signing all industrial hygiene and asbestos reports. Ms. Boyle will provide periodic oversight of field activities and conduct site visits as warranted by the scope or complexity of the project.

3.2 MICHAEL T. POFF, PE (CEC, VICE PRESIDENT, SENIOR PROJECT MANAGER)

Mr. Poff is a Professional Engineer (PE) with twenty-five (25) years of experience providing a variety of engineering services. As a Principal and Vice President of Engineering of CEC, Mr. Poff is in responsible charge of a team of engineers, geologists, environmental scientists, marine surveyors, designers, technicians and administrative personnel with an annual corporate budget in excess of $3,000,000 dollars.

Mr. Poff will be the engineer in charge for the City of Key West. He will direct the team and resources for the successful execution of all of the engineering services contemplated under this contract. He will prepare scopes of work, develop estimates and monitor resources. Mr. Poff will provide Senior Project Management for civil design, coastal engineering design, environmental permitting, sediment budget development, coastal processes analyses, beach fill

Table 2 - Summary of Personnel Qualifications and Experience

Personnel Information					Experience Areas												
Firm	Name	Degree	Professional Designation	Years' Experience	Environmental Remediation /Restoration	Sampling, Analysis and Monitoring	Construction Administration & Observations / Owner Representation	Contaminated Site Investigation and Remediation	Industrial Hygiene Services	Underground Storage Tank Site Services	Real Estate Development Support Services	Environmental / Coastal Engineering	Surveying: Land and Marine	Permitting Services	Contract Specifications and Bid Services	Program Technical Review and Operations	Project Administration
AirQuest	Traci-Anne Boyle	BS, MBA	CIH, CSP, LAC, LMA	21	X	X	X	X	X	X	X	X		X	X	X	X
AirQuest	Isidro Duque	AA, BS	PG	25	X	X	X	X		X	X	X		X	X	X	
AirQuest	James Whalen	BA	CIEC, LEED AP®, LMA, LRT	24	X	X	X		X		X						
AirQuest	Teresa Thomas	BS	CIEC, LMA	26	X	X	X	X	X	X	X	X		X	X	X	X
AirQuest	Paul LeBlanc		LBP-RRP, LMA	11	X	X	X	X	X		X						
AirQuest	Adrienne LeBlanc		LBP-RRP	11	X	X	X	X	X		X						X
AirQuest	Laura Jones	BA	CIEC, LMA	10	X	X	X	X	X		X			X	X	X	
AirQuest	Pedro Rodas		LBP-I, LBP-RRP	9	X	X	X		X		X						
AirQuest	Carol Gagnon	BS	LBP-I, LMA, LRT, LEED AP® , LBP-RRP	10	X	X	X	X	X	X	X						
AirQuest	Andrew Puccetti	PhD	CIH (Retired)	39	X	X	X	X	X								
AirQuest	George Raimundo		LBP-RRP	9	X	X	X		X		X				X	X	
AirQuest	Nicholas Nalepa	BS	LBP-I	2	X	X			X		X						
AirQuest	David Soto			3	X	X			X								
AirQuest	Ross LeBlanc	BA	LAC	43		X	X		X								
AirQuest	Renee Lezcano			30													X
AirQuest	Betty Glaze			25													X

Personnel Information					Experience Areas												
Firm	Name	Degree	Professional Designation	Years' Experience	Environmental Remediation /Restoration	Sampling, Analysis and Monitoring	Construction Administration & Observations / Owner Representation	Contaminated Site Investigation and Remediation	Industrial Hygiene Services	Underground Storage Tank Site Services	Real Estate Development Support Services	Environmental / Coastal Engineering	Surveying: Land and Marine	Permitting Services	Contract Specifications and Bid Services	Program Technical Review and Operations	Project Administration
CEC	Michael T. Poff	BA, MS	PE	25			X					X		X	X	X	X
CEC	Michael F. Stephen	BS, MS, PhD	PG	40			X					X		X	X	X	X
CEC	Mark A. Kincaid	AS, BS	PE	28			X						X	X	X	X	
CEC	Richard J. Ewing		PSM	30								X	X				
CEC	Kris W. Thoemke	BS, PhD	CEP	35								X		X		X	
CEC	Vadim V. Alymov	BS, MS, PhD		13								X	X		X		
CEC	Matthew M. Ward	AA		18									X				
CEC	Grady Timmons	BS	EI	2								X	X	X			
CEC	Samantha Brasher			9								X	X	X			
CEC	Michael J. Stephenson	BS		14			X					X					
CEC	Robert A. Andrea			18								X	X				X
CEC	Karen J. Taylor			22													X
CEC	Tia Davis			10													X
			Total Personnel per Experience Area		13	14	16	8	13	4	11	12	7	10	9	9	10

Key Personnel

AirQuest - AirQuest Environmental, Inc.
BA - Bachelor Arts
BS - Bachelor Science
CIH - Certified Industrial Hygienist
CSP - Certified Safety Professional
LAC - Licensed Asbestos Consultant
LBP-I - Lead Based Paint Inspector
LBP-RA - Lead Based Paint Risk Assessor
LBP-RRP – Lead Based Paint Renovation Repair & Painting
LEED AP® - Leadership in Engineering and Environmental Design Accredited Professional
LMA - Licensed Mold Assessor
LRT - Licensed Radon Technician
MBA - Master Business Administration
PE - Professional Engineer
PG - Professional Geologist

design, marine survey services, inlet stability analyses, coastal structural stabilization design and modeling, maintenance dredging design, construction management, and sand source identification.

3.3 MARK A. KINCAID, PE (CEC, SENIOR PROJECT ENGINEER)

Mr. Kincaid is CEC's Senior Engineer and has over twenty-eight (28) years of professional experience providing project management, marine engineering, marine structure design and repair plans, subaqueous utilities, marine surveying and environmental permitting. His marine engineering experience includes waterway management; channel marker plans; maintenance dredging design, permitting, mitigation and monitoring; mooring field design, permitting, anchor testing, construction management, and post-construction monitoring and maintenance; and water control structure and bridge inspections.

Mr. Kincaid will manage marine structure design, repair and rehabilitation design of docks, marinas and seawalls, underwater inspection, hydrographic surveying, beach fill design, construction management, geotechnical sampling, and environmental permitting projects.

3.4 ISIDRO DUQUE, BS, PG (AIRQUEST, SENIOR PROJECT MANAGER)

Mr. Duque is a Senior Project Manager with twenty-five (25) years of environmental consulting experience managing accounts in both the private and public sectors in Florida, Latin America and the Caribbean. He is AirQuest's license qualifier for geological services in the State of Florida. He is experienced in investigations involving delineation and rehabilitation of sites impacted by hydrocarbon releases, chlorinated solvents, heavy metals, pesticides/herbicides and waste generated by varying industrial processes.

Mr. Duque will serve as the Senior Project Manager for all soil and groundwater assessments, remediations, and hydrogeological investigations. He will also serve as Senior Project Manager for all Underground Storage Tank related activities.

3.5 MICHAEL F. STEPHEN, PHD, PG (CEC, CEO, SENIOR PROJECT MANAGER)

Dr. Stephen is the President and a founding partner of Coastal Engineering Consultants, Inc. He has been involved in numerous civil engineering and development projects providing professional geological input to the drainage and water management systems design, permitting, construction observations, project management of civil works, pipeline route surveys and sub-surface investigations of soils and groundwater systems.

Dr. Stephens's role in this contract will be project management, comprehensive planning, feasibility analysis, permitting, funding, stakeholder coordination, and design and oversight of waterfront marine facilities, major beach restoration, sand source identification, and inlet navigation projects as required by the City of Key West.

3.6 JAMES WHALEN, BA, CIEC, LEED AP® (AIRQUEST, QA/QC MANAGER)

James Whalen has over twenty-two (22) years of experience providing industrial hygiene services across the United States and has worked with AirQuest since its incorporation in 2002. He has successfully managed over $100 million dollars in asbestos abatement. Under Mr. Whalen's direction, in 1989 the Miami Federal Building was voted the "Asbestos Abatement Project of the Year" by the General Services Administration.

Mr. Whalen is AirQuest's Radon qualifier and will provide senior project management for any radon projects that may be awarded under this contract. He will also be responsible for quality control/quality assurance functions on projects involving asbestos, indoor air quality, and industrial hygiene.

3.7 TERESA THOMAS, BS, CIEC (AIRQUEST, SENIOR ENVIRONMENTAL SCIENTIST)

Ms. Thomas has twenty-six (26) years of experience in short-and long-term project planning and implementation of both commercial and government environmental projects. She has extensive experience managing health and safety issues, Phase I/II environmental/compliance assessments and due diligence surveys. This experience includes the assessment of environmental compliance, potential environmental liabilities, and the potential costs of achieving long-term environmental compliance. Ms. Thomas will serve as the project manager for real estate development support services.

3.8 VADIM V. ALYMOV, PHD (CEC, PROJECT MANAGER)

Dr. Alymov presently holds the position of Coastal Modeler for the Coastal Engineering Division and has thirteen (13) years of coastal modeling experience. His responsibilities include numerical modeling of wave refraction, wave dynamics, circulation, hurricane-induced storm surge and inundation, flushing, tidal and channel hydraulics, coastal sediment transport, shoreline change and beach erosion, prediction of performance of beach restoration and borrow area projects, development of sediment budgets, as well as compilation and analysis of wave, wind, tide, and survey data.

Dr. Alymov's responsibilities under this contract will include coastal engineering; numerical modeling of wave refraction, wave dynamics, circulation, hurricane-induced storm surge and inundation, flushing, tidal hydraulics, and coastal sediment transport; shoreline change and beach erosion analyses; prediction of performance of beach restoration and borrow area projects; and compilation and analysis of wave, wind, tide, and beach profile survey data.

3.9 RICHARD J. EWING, PSM (CEC, PROJECT MANAGER)

Mr. Ewing has over thirty (30) years of surveying experience and presently holds the position of Vice-President and Professional Surveyor and Mapper with CEC. He has provided and currently specializes in surveying services for municipal agencies which include State land boundary acquisition surveys, appraisal mapping using aerial photography, conducting tidal studies, and performing topographic and bathymetric surveys.

Mr. Ewing's responsibilities under this contract include hydrographic and marine surveys; beach monitoring surveys; State land boundary acquisition and submerged land surveys and appraisal mapping utilizing aerial photography; residential and commercial boundary and construction stake out services.

3.10 KRIS W. THOEMKE, PHD, CEP (CEC, PROJECT MANAGER)

Dr. Thoemke has thirty (35) years of professional experience providing natural resource assessment and management and environmental permitting and monitoring services in coastal environments. He has decades of field experience assessing, restoring and monitoring marine and

estuarine habitats and conducting similar work in related freshwater and upland habitats. Under this contract, Dr. Thoemke will be responsible for environmental and ecological services, environmental permitting, wetland delineations, biological surveys, seagrass monitoring, mitigation planning and design, and post-construction monitoring.

4 RELEVANT PROJECT EXPERIENCE

In addition to employing a talented staff of professionals, AirQuest is an accomplished prime contractor with proven experience successfully completing continuing contracts, working with sub-consultants, laboratories, and stakeholders and earning repeat business.

4.1 CONTINUING CONTRACTS

AirQuest is an experienced prime contractor for public entities. ***A sampling of AirQuest's current continuing services agreements include:***

- City of Sunrise (twice renewed).
- City of Coconut Creek.
- Seminole Tribe of Florida.
- Department of the Navy, FRC Solomons, Maryland.
- Broward County Risk Management Division (renewed three (3) times).
- Miami-Dade County Department of Public Works.
- FDOT District IV SR-7. AirQuest also just completed a Districtwide Contract with District IV in June.
- FDOT District VI (**includes Monroe County).** This is AirQuest's 3rd continuous contract with FDOT District VI.
- Miami-Dade County Public Schools (the 4th largest school district in the country).
- Broward County Public Schools (the 6th largest school district in the country).
- Palm Beach County.
- The School District of Palm Beach County.

4.2 SAMPLE PROJECTS

AirQuest has provided industrial hygiene and environmental consulting services to a variety of agencies. Our experience includes security clearances, working in electronically sensitive areas, working in remote and desolate areas and coordinating with numerous entities. CEC is a nationally recognized coastal engineering firm that complements AirQuest's core services and capabilities to provide the City of Key West with turn-key project management. A sampling of projects that illustrates the depth and breadth of our experiences are summarized in Table 3. Full project descriptions for most projects are provided in Appendix IV.

4.3 PAST PERFORMANCE

AirQuest has successfully worked with dozens of South Florida Cities on projects representing the full range of services required for environmental and industrial hygiene consulting under this RFP. Our experience includes an asbestos, lead based paint and hazardous materials survey for the City of Key West (see Figure 2). We encourage you to speak with Mr. Vieux regarding our performance. Figure 3 is a letter of reference from Mr. J. Martin Cala, PE, Assistant Director of Environmental & Engineering Services for the City of Lauderhill.

Table 3 - Select Project Experience

Project Fact Sheet in Appendix III	Firm	Project Name	Value	Description	Duration	Civil/environmental engineering	Environmental Remediation /Restoration	Sampling, Analysis and Monitoring	Construction Administration / Owner Representation	Contaminated Site Investigation and Remediation	Industrial Hygiene Services	Underground Storage Tank Site Services	Real Estate Development Support Services	Coastal Engineering & Design	Surveying: Land and Marine	Construction Administration and Observations / Owner Representation	Permitting Services	Contract Specifications and Bid Services	Program Technical Review and Operations	Project Administration
X	AirQuest	Police Athletic Building and Stable	$3,630.00	Pre-demolition asbestos, lead-based paint and hazardous materials survey.	1 month			X			X									
X	AirQuest	City of Lauderhill Real Estate Development Services	$ 4,100.00	Phase I Environmental Site Assessment, Indoor Air Quality Survey and Asbestos Screening	3 weeks			X			X		X							
X	AirQuest	Shell-Alvarez Plaza	$60,000.00	Initial remedial action, underground storage tank repair, contamination assessment, natural attenuation and monitoring only plan.	4 years	X	X	X		X		X								
X	AirQuest	City of Miami Gardens Lead Based Paint Consulting Term Contract	$ 58,000.00	Lead based paint inspections, risk assessments and clearances in support of neighborhood improvement programs.	4 years		X	X	X		X									X
	AirQuest	Broward County School District Term Contract	$ 240,000.00	Contract administration, owner representation, asbestos, lead based paint, industrial hygiene, indoor air quality and radon consulting services.	2 years	X	X	X	X	X	X									X
X	AirQuest	City of Fort Lauderdale Phase I Environmental Site Assessment	$ 2,500.00	Phase I Environmental Site Assessment of an ethanol fuel transfer station and a 4-acre rail spur in Fort Lauderdale, FL.	3 weeks							X	X							
X	AirQuest	City of Oakland Park Indoor Air Quality Investigation	$ 8,200.00	Indoor air quality survey, mold assessment and remediation oversight, owner representation.	2 months	X	X	X	X		X									X
	AirQuest	SPCC Plan for Johnson and Wales University	$ 3,800.00	Prepare a Spill Prevention, Countermeasures & Control (SPCC) Plan for underground storage of oil at a University.	3 months	X						X								
X	AirQuest	Phase I & Phase II Environmental Site Assessment for a Developer	$ 7,100.00	Phase I ESA and a Phase II ESA with soil and groundwater sampling and analysis.	3 weeks	X		X		X			X							
X	AirQuest	Florida Department of Transportation Baseline and Continuing Consulting	$ 600,000.00	Baseline asbestos, lead based paint and indoor air quality surveys for 420 buildings along Florida's Turnpike. Continuing industrial hygiene consulting services on an as needed basis.	8 years	X	X	X	X	X	X									X
X	AirQuest	Assessment of an Illegal Dumping Site	$ 16,500.00	Advancement of 83 test pits and soil sampling to determine the horizontal and vertical extent of illegal dumped asbestos containing materials. Owner representation and consulting with regulatory agencies regarding remedial alternatives.	2 months	X		X	X	X	X		X							
X	AirQuest	BLM, Secret Canyon	$ 19,400.00	Remediation of a mercury contaminated building, assessment and remediation of lead impacted soils, demolition of the building and characterization of waste in a desolate gold mine in Nevada.	10 days		X	X	X	X	X									X
X	AirQuest	Due Diligence Investigation for Community Bank of Broward.	$ 4,500.00	Phase I and Phase II ESA of a drycleaner. Petroleum products were identified in groundwater at the site.	3 weeks			X		X			X							

Project Fact Sheet in Appendix III	Firm	Project Name	Value	Description	Duration	Civil/environmental engineering	Environmental Remediation /Restoration	Sampling, Analysis and Monitoring	Construction Administration / Owner Representation	Contaminated Site Investigation and Remediation	Industrial Hygiene Services	Underground Storage Tank Site Services	Real Estate Development Support Services	Coastal Engineering & Design	Surveying: Land and Marine	Construction Administration and Observations / Owner Representation	Permitting Services	Contract Specifications and Bid Services	Program Technical Review and Operations	Project Administration
X	AirQuest	Broward County Judicial Complex	$ 46,000.00	NESHAP compliant asbestos survey of over 2 million square feet of judicial complex. Owner representation, occupant training, asbestos abatement oversight and clearance.	8 months			X	X		X									X
X	AirQuest	Industrial Hygiene Consulting for the FAA	$ 300,000.00	Industrial hygiene surveys and abatement oversight in sensitive areas of the FAA Air Route Traffic Control Centers (ARTCC). Stringent engineering controls and oversight were employed to ensure continued operation of critical facilities.	2 years	X	X	X	X		X									X
X	AirQuest	Patrick's Air Force Base	$ 32,600.00	Demolition of an existing small arms firing range and excavation and disposal of lead contaminated soil. A Worker Protection and Exposure Monitoring Plan, Ambient Air Monitoring Plan and Confirmatory Sampling and Analysis Plan were developed prior to site activities.	40 days	X	X	X	X	X	X									X
X	AirQuest	BLM Rapides Parrish Remediation	$ 8,800.00	Assessment and remediation of solid waste and asbestos over 150 acres of undeveloped land and swamp for the Bureau of Land Management.	3 weeks	X	X	X		X	X									X
X	AirQuest	Noise Consulting at a Manufacturing Facility	$ 2,400.00	AirQuest conducted 8-hour time weighted average personnel noise sampling at a manufacturing facility. Recommendations for compliance with OSHA's hearing protection program were developed.	2 weeks						X									
X	AirQuest	Emergency Response, Curacao, Netherlands	$ 1,400,000.00	Asbestos emergency response aboard a cruise ship in drydock undergoing renovations.	3 months		X	X	X		X									
X	AirQuest	Midway Atoll Hazardous Materials Remediation	$ 32,600.00	Characterize hazardous materials and develop waste profiles, conduct remediation oversight.	14 days		X	X	X				X							
X	AirQuest	Industrial Hygiene for the Department of the Navy	$ 16,000.00	Personnel air sampling for heavy metals to evaluate worker exposures during welding, blasting and painting activities.	9 months						X									
	AirQuest	Broward County Risk Management Term Contract	$ 237,000.00	Asbestos inspection, analysis, development of operations and maintenance plans, worker awareness training, asbestos abatement oversight, lead based paint and indoor air quality consulting.	5 years		X				X									
X	CEC	Residences at Sunset Marina Condominiums Key West, FL	$ 30,000.00	CEC prepared a Topographic Survey of the property to accompany a FEMA Letter of Map Revision (LOMA) which involved conducting a coastal analysis to revise the flood zone boundaries.	2 weeks									X	X					X
X	CEC	Blind Pass Restoration Lee County, FL	$ 308,000.00	CEC provided coastal restoration services, environmental mitigation, value engineering, and comprehensive construction administration services.	4 years									X	X	X		X	X	X

Project Fact Sheet in Appendix III	Firm	Project Name	Value	Description	Duration	Civil/environmental engineering	Environmental Remediation /Restoration	Sampling, Analysis and Monitoring	Construction Administration / Owner Representation	Contaminated Site Investigation and Remediation	Industrial Hygiene Services	Underground Storage Tank Site Services	Real Estate Development Support Services	Coastal Engineering & Design	Surveying: Land and Marine	Construction Administration and Observations / Owner Representation	Permitting Services	Contract Specifications and Bid Services	Program Technical Review and Operations	Project Administration
X	CEC	Caminada Headland Beach and Dune Restoration-Increment I & II Caminada Headland, LA	$2.3 mil	CEC is providing comprehensive services for design, permitting, plans, specifications and construction administration, daily on-site observations, and project cost estimates for the project.	Ongoing									X	X	X	X	X	X	X
X	CEC	Charlotte Co. Erosion Control Project Charlotte County, FL	$15 mil (3 dredge prjs)-Constr. $2.7 mil (3 prjs)-Design	CEC's services have included: comprehensive services for beach restoration and inlet management; erosion control; environmental monitoring and protection; preparing detailed plans and specs; evaluating dredge equipment, capacity, and production rates; preparing opinion of probable construction costs; permitting; and conducting construction management and inspection services.	Ongoing									X	X	X	X	X	X	X
X	CEC	Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration Plaquemines Parish, LA	$1.6 mil	**CEC'S** consulting team provided comprehensive services for implementation of the Beach Nourishment and Marsh Restoration Project. **CEC** led the team through the design, permitting, and full construction administration of the project.										X	X	X	X	X	X	X
X	CEC	South Marco Beach Renourishment and Structural Enhancements Marco Island, FL	$3 mil-Constr. $380,000-Design	CEC provided comprehensive services for coastal engineering beach renourishment, erosion control structures, full design, bid services, and construction administration.	Ongoing									X	X	X	X	X	X	X
X	CEC	Regional Inlet & Waterway Management Plans Pinellas to Collier Counties, FL	>$5 mil-Const. $800,000-Design	CEC provided marine dredging engineering, surveying, permitting and construction administration services.	Ongoing									X	X	X	X	X	X	X
					Total Number of Projects Represented / Discipline	10	12	17	11	9	16	3	6	7	7	6	5	6	6	16

Project in Key West

Past Performance Project

Figure 2 – City of Key West Project Factsheet

Police Athletic Building and Stable Key West, Florida

PROJECT FACTSHEET

PROJECT:	City of Key West Police Athletic Building and Stable.
SCOPE:	Pre-demolition asbestos, lead-based paint and hazardous materials surveys and report preparation.
CLIENT:	City of Key West 3140 Flagler Avenue Key West, FL. 33040
CONTACT:	J. Michael Vieux mvieux@keywestcity.com 305-809-3964
LOCATION:	Key West, Florida
DURATION:	March 2014 – April 2014
COST:	$3,630

DESCRIPTION:

AirQuest was contracted by City of Key West to provide professional asbestos, lead based paint, and hazardous materials consulting services prior to demolition for the Police Athletic League and Stable Building in Key West, Florida.

The results of the asbestos survey indicated that non-friable asbestos containing black mirror mastic, gold duct mastic, built-up bituminous roofing, roofing mastic and friable asbestos containing pipe and elbow wrapping and associated compound were found in the samples collected at the site.

Lead based paint was identified in the white ceramic wall in the front office and weight room of the PAL Building. The pink paint used on northeast and southwest walls and the white paint on exterior soffit and fascia of the northeast and southwest walls of the Stable also tested positive.

The results of the hazardous materials survey quantified the number and types of materials suitable for recycling and/or requiring special disposal procedures such as mercury containing fixtures, batteries, and fluorescent lighting.

Figure 3- City of Lauderhill, City Engineer Letter of Reference

MAYOR
Richard J. Kaplan, Esq.

VICE MAYOR
Hayward J. Benson, Jr., Ed.D.

COMMISSIONERS
M. Margaret Bates
Howard Berger
Ken Thurston

CITY OF LAUDERHILL

CITY MANAGER
Charles Faranda

ASSISTANT CITY MANAGER
Desorae Giles-Smith

CITY CLERK
Andrea Anderson

CITY ATTORNEY
Earl Hall

DEPARTMENT OF ENVIRONMENTAL & ENGINEERING SERVICES

August 30, 2012

To Whom This May Concern:

Please allow this correspondence to serve as a recommendation for "AirQuest Environmental, Inc." As Assistant Director DEES- City Engineer for the City of Lauderhill, I have had the opportunity to work with AirQuest personnel on several projects including:

- **Lauderhill City Hall** - Indoor Air Quality Assessment
- **Bank Atlantic Building** - Asbestos and Phase I Environmental Site Assessment
- **Sadkin Community Center** - Mold Assessment

They possess talented team players that are knowledgeable in their field. They were willing to work with the City to produce the very best results in the shortest amount of time, often coming on short notice to help resolve issues having potential serious implications.
I would recommend AirQuest for any project requiring specialized environmental services.

Sincerely,

J. Martin Cala P.E.
Assistant Director DEES – City Engineer

5581 W. Oakland Park Blvd. • Lauderhill, FL 33313 • PH: 954.730.2960 • FAX: 954.730.4241
www.lauderhill-fl.gov

We are pleased to provide several additional letters of reference in Appendix V. Finally, for convenience we've included other references information here:

a) Florida Turnpike Enterprises
   Contact Name: Wayne Varga
   Phone: (954) 214-5080
   Email: Wayne.Varga@dot.state.fl.us

b) Broward County Risk Management Division
   Contact Name: James Litrides, MS, CIH
   Phone: (954) 357-8037
   Email: JLitrides@broward.org

c) City of Sunrise
   Contact Name: Robin Buller
   Grants Administrator
   954-578-4769
   rbuller@sunrisefl.gov

d) City of Miami Gardens
   Ms. Chaunte Murillo
   Administrative Analyst
   305-622-8000, extension 2687
   cmurillo@miamigardens-fl.gov

5 PROPOSED MANAGEMENT APPROACH

AirQuest and CEC have extensive experience managing projects, from large multimillion dollar remediation or development projects to small projects that are completed in a few days. Our technical approach, project management and quality control / quality assurance procedures are scalable and are flexible to meet the unique challenges of each project we encounter.

5.1 TECHNICAL APPROACH

Generally, AirQuest's technical approach for environmental projects adopts the "Triad Approach", an Environmental Protection Agency's approach that combines the best elements from a number of initiatives. This approach accomplishes restorations faster and with less expense. It not only benefits the State and County regulators and the regulated community but the general public. The framework was developed by combining important and strategic improvements to environmental investigation planning, execution and evaluation. It is applicable to all types of environmental programs.

The Triad Approach relies on the principle that the quality of the investigation depends on achieving a level of confidence that meets the clients' expectations. This approach, similar to the new ASTM standards for Phase II Environmental Site Assessments, focuses first on establishing clear project goals. Establishing the project objectives is the most important component of our approach because once discussed and agreed on up front, it improves the quality of the investigation and ultimately the success of the project.

A primary component to our approach is an accurate Conceptual Site Model (CSM) that can support decisions about environmental issues, contaminants (indoor or outdoor), site cleanup, monitoring and use/reuse of the property. This approach, rooted in science, also recognizes and depends on environmental and County/City policies, public debate and negotiations. This also ensures that the unknowns of the project are identified so all stakeholders can evaluate the risks of each decision. Our approach encourages strategic technological options that can lower project costs, while ensuring that the planned environmental goals are accomplished.

The major components of the approach process are as follows:

Systematic Project Planning - Project Initiation

- Assemble project team
- Define project objectives
- Identify key decision makers
- Define decisions to be made
- Develop initial Conceptual Site Model (CSM)

Work Strategy - Project Start-Up

- Ongoing revision of the CSM
- Draft work plan and sampling strategy

- Develop analytical strategy
- Develop quality assurance plan
- Develop Health and Safety Plan (HASP)

Adaptive Work Plan Implementation – Plan Approval

- Client (City of Key West)/regulator/stakeholder review/approval
- Refine project decision logic and finalize plans

Real-Time Measurement – Field Program

- Sampling and analysis to fill data gaps
- Data validation, verification and assessment

Decision Making – Are Project Objectives Met?

- Evolve/refine CSM
- Modify work plan
- Client (City of Key West)/stakeholder/regulatory review/approval

5.2 PROJECT MANAGEMENT

Skilled project management is the cornerstone to the success of any project. AirQuest's skilled at providing excellent project management for both routine small projects and multi-disciplinary large scale environmental projects.

5.2.1 Team Organization

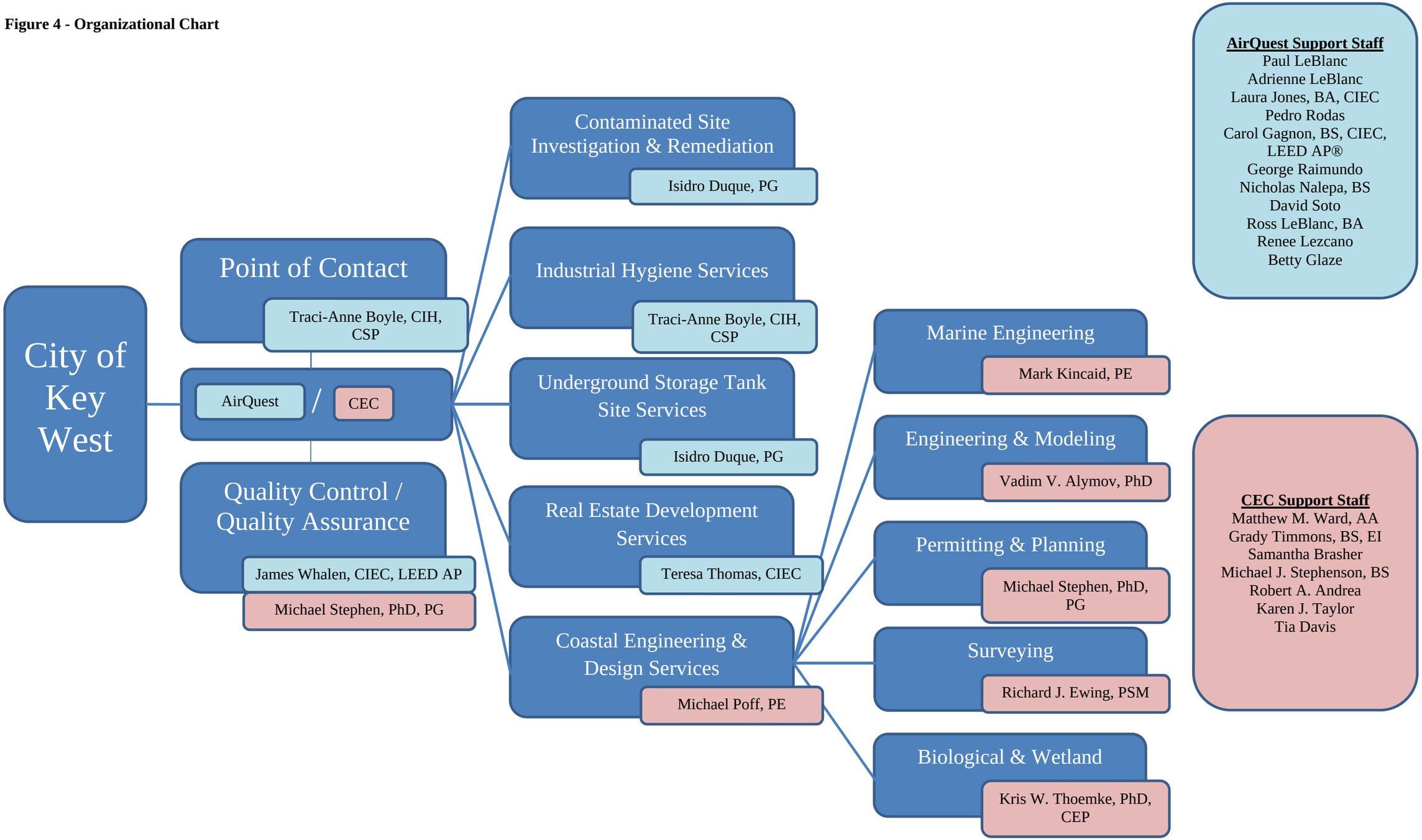
Figure 4 is a chart that illustrates how we've organized our team for this contract. Arguably, the biggest asset our team poses is its leadership component. AirQuest and CEC principals, Traci-Anne Boyle (AirQuest), Dr. Michael Stephen (CEC) and Michael Poff (CEC) have nearly 90 years combined experience. They remain personally involved in their businesses and on critical projects can be found in the field directing projects to their successful conclusion.

5.2.2 Premise

Each project will be analyzed and defined in three (3) areas: Scope, Schedule and Cost. This premise is the basic three-legged stool needed for the success of any project.

- Scope: Our professionals will carefully consider all of the available information to provide a scope of services that meets the objectives of the City of Key West. Performance of this scope of work is the most important element of any task assignment. However, the entirety of the project may not be fully known prior to execution. In these instances, we will identify areas of potential ambiguity in order to sufficiently plan for possible changes and additions to the work. AirQuest prides itself in our ability to quickly and efficiently change and execute the scope to fit the needs of an evolving project.

Figure 4 - Organizational Chart



- Schedule: A completed scope of services delivered after it was needed is of no value to the City of Key West. We are skilled at developing realistic schedules and meeting our stated commitment. However, we are also able to respond quickly to emergencies should they arise.
- Cost: There are two (2) costs associated with any project. There is the financial cost and the human cost. The financial cost is self-explanatory and easily quantified. Projects will be delivered within budget or if over budget, the City of Key West will have had advanced notice and will have independently determined that the increase in cost was justified. We will not "nickel and dime" any project or look for clever ways to increase the cost beyond the budget.

  The human cost is derived from your customer experience with us. If we deliver an expertly completed scope of work within budget but we were unresponsive, unwilling or unable to answer your questions, you may not wish to work with us in the future. Examples include numerous requests for the corrected invoice, repeated sending of documents to the old address and generally poor customer service. We are aware of many clients that have had contracts with other firms that have met the scope, schedule and financial cost, but the human cost was so great the agency opted to re-source the contract rather than exercise an optional extension.

  We routinely minimize the human and financial costs for our clients and the City of Key West will benefit from this methodology.

5.2.3 Execution

AirQuest Project Managers are trained in project management and they employ proven systems and work structures that give them – and the City of Key West – maximum control over the project. Projects are completed within the following phases:

Project Initiation and Planning – establishing expectations, standards, and project milestones that surround project scope. Developing the project plan, including Gantt charts, network diagrams, schedules, and budgets that form the project baseline that will be used to manage, track, and control the project.

Project Execution – orchestrating all work to be performed seamlessly, effectively, and efficiently while keeping to the critical path. Least-cost solutions are implemented, as are lessons learned from similar projects. Active reporting keeps Clients continually aware of project status and any emerging issues as they arise, as well as solutions recommended or applied.

Project Control – ensuring the project remains on track by monitoring the project baseline and the progress made as well as addressing scope creep issues. Quality and progress are carefully managed throughout the project. The Project Manager uses proven project management tools and techniques within the project life cycle, promoting project efficiencies and lowering risk.

Project Closing – using proper closeout procedures, the Project Manager delivers a completed quality project on time and within budget while meeting or exceeding our Clients' expectations.

Allocating just the right combination of competent staff to each project will enable us to remain highly responsive to project deadlines and to client needs. The Project Manager is authorized by the firm to assign additional staff and resources to the project, as warranted. This team approach will enable us to present more efficient and economically feasible outcomes towards achieving the project goals and requirements.

5.2.4 Other Sub-Contractors

CEC is a key subcontractor that has been featured throughout this response. However, other subcontractors may potentially be used to accomplish project objects. AirQuest has established long-term relationships with its subcontractors for our clients' convenience and benefit. Our subcontractors are all pre-screened, licensed and insured and offer AirQuest unparalleled negotiated rates. Two (2) integral subcontractors for environmental and industrial hygiene laboratory services are discussed below.

5.2.4.1 International Analytical Group

AirQuest has primed and subcontracted with International Analytical Group, Inc. (IAG) since we incorporated in 2002. IAG is a Hispanic 8(a) small business firm that provides independent project management for laboratory environmental services. IAG's services include: field services, interpretation of field and analytical data, advice to clients on the most appropriate analytical methods for their projects before the samples are collected, bid preparation for laboratories, sample management, and laboratory data validation. In addition, IAG offers auditing services to its clients, for both field services and laboratories.

5.2.4.2 EMSL Analytical, Inc.

EMSL Analytical, Inc. ("EMSL") has worked as a subcontractor to AirQuest since 2002. EMSL provides industrial hygiene laboratory analysis and is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), Industrial Hygiene Laboratory Accreditation Program (IHLAP), Environmental Microbiology Laboratory Accreditation Program (EMLAP), among others. EMSL also is National Environmental Laboratory Accreditation Conference (NELAC) accredited for certain environmental analysis here in Florida.

5.3 QUALITY ASSURANCE / QUALITY CONTROL

AirQuest has a Quality Assurance Plan with established Quality Assurance / Quality Control (QA/QC) procedures. The framework for QA/QC procedures is the same regardless of the size of the project, however, specific tools are not necessary for small projects (such as monthly progress reports for a soil investigation that is scheduled to be completed within two weeks).

Project Management

AirQuest manages projects through a proprietary Microsoft® Sharepoint database. Our system tracks each project from proposal through field work, report preparation and invoicing. AirQuest has weekly operations meetings to review the status of all current projects with our project managers to make sure that we are delivering on time and budget. Our meetings are a source of instant QA/QC, since we round table the status, successes and challenges of each project and benefit from the entire teams evaluation and feedback.

Consulting Activities

Mr. James Whalen is AirQuest's Quality Control/Quality Assurance Program Manager. With over twenty (20) years of contracting and consulting experience, Mr. Whalen has the depth of knowledge to validate the many facets of consulting into a court defensible work product. Mr. Whalen is responsible for selecting and scheduling continuing education for AirQuest's staff, selecting and reviewing laboratories, verifying the quality of field investigations, and developing and maintaining our Quality Assurance Plan.

Field work will be conducted by experienced, accredited and/or licensed professionals as warranted by the scope of the project. AirQuest and CEC's diverse staff maintains all the necessary personnel qualifications anticipated under this contract.

Laboratory Analysis

AirQuest's reputation is built upon our ability to deliver court-defensible work product. For many investigations, this begins with defensible laboratory data. In support of court defensible laboratory data, we are skilled at chain of custody procedures, the use of trip blanks, field blanks, duplicates and spikes. We routinely send split samples to different laboratories. Upon receipt of laboratory data, it is carefully reviewed by the project manager for accuracy.

As detailed in Section 5.2.4, AirQuest has teamed up with IAG in many environmental projects that require soil, drinking water, surface water and groundwater analytical services. IAG provides AirQuest with third party laboratory data review and data validation services.

Laboratory Data Review

IAG reviews the laboratory data for the project with regards to accuracy and compliance with pertinent QA/QC parameters (daily blank, calibration check, spike and spike duplicate, calibration curve, and surrogate recovery). In addition, IAG reviews the results of the various analyses conducted on the samples and checks for consistency of the data between the different analyses and with historical data, if available. This review is important to AirQuest's discussed technical approach.

IAG provides documentation of data reviews in the form of a checklist (tailored to the specific project). In addition to the review documentation, IAG provides a complete QA report summarizing data validation findings at the end of a project, or periodically for long term projects.

Laboratory Data Validation

Sometimes laboratory data validation is required by AirQuest. Data validation is similar to data review but the process is more stringent and detailed. Typically, data validation involves the review of raw data, review of laboratory SOPs to ensure that the SOPs are in compliance with the analytical methods, review of analytical records to ensure the laboratory's SOPs are actually being followed, review of chain of custody records, etc. The purpose of data validation is to establish the validity of a given set of data for a specific purpose. The degree of complexity of this process varies with the use of the data (private use, regulatory use, court use). IAG may use customer specific data validation software and/or criteria for data validation.

Report Preparation

AirQuest's QA/QC procedures for written work product are very stringent:

1) Reports are first "fact checked" to make sure that the field and project notes were accurately incorporated into the report.
2) Laboratory analysis results are cross-referenced to make sure that the report accurately reflects the reported results.
3) The report is proof-read by an administrative professional for typographical, grammatical and formatting errors.
4) The report is technically reviewed by a Senior Project Manager for technical content.
5) The project manager reviews all comments for applicability before incorporating into the final report.

Appendix I – Executed Proposal Documents

CITY OF KEY WEST
3126 Flagler Avenue
Key West, FL 33040

ADDENDUM NO. 1 – RFQ Environmental Engineering/ ITB 14-004

This addendum is issued as supplemental information to the bid package for clarification of certain matters of both a general and a technical nature. The referenced bid package is hereby addended in accordance with the following items:

RFI Questions Submitted:

1.) Does the bid require that respondents be a licensed PE?

Yes, you should include a Licensed PE on your team.

2.) Can a Prime submit as a sub to another firm? Also, can a sub-contractor submit with more than one firm?

Yes.

3.) Please confirm the attached (46 pages) is the complete PDF for the subject submittal. Page 1 of the PDF states that the document is 47 pages in length. It also states that the "Request for Qualifications" section is 10 pages in length. However, per the attached, the section is 8 pages. I just want to be sure there are no missing pages.

Yes there are 46 pages and there are only 8 pages in the RFQ section.

4.) Under the "Scope of Work" section on page 7 of the RFQ, services from a Resident Project Representative would be required. Would a RPR differ from the Engineer of Record in this instance?

Yes, the RPR is the on-site staff providing daily (or other agreed on frequency) oversight (e.g., inspection)

5.) May firms only submit for one discipline or would a sub-consultant be needed to satisfy all service requirements per submission?

Must submit for all, using a sub-consultant as necessary.

6.) Will there be any page number limitations for any part of the qualification package?

Unless otherwise so stated in the RFQ, no limit

7.) Is there an incumbent? If so, can you provide the company name?

There is not an "incumbent" relative to an Environmental-specific General Services RFQ.

8.) Just to clarify the RFQ instructions, please advise: Put COPY Response and CD-ROM in envelope, seal it, mark it COPY and place inside of Envelope with ORIGINAL Response and CD-ROM, then seal that envelope? One envelope inside of another, correct?

Correct.

9.) Signed certifications are required by prime and subs, or just prime?

Just prime

10.) Please confirm that the required forms (Anti-Kickback Affidavit, Public Entity Crimes Certification, Equal Benefits for Domestic Partners Affidavit, and Cone of Silence Affidavit) are to be completed by the prime consultant only.

Correct.

11.) Are insurance certificates required to be provided at the time qualifications packages are submitted?

Yes

12.) Is a "description of the contractor's employee benefits plan" (page 17 of the RFQ) required to be included with the executed Equal Benefits for Domestic Partners Affidavit?

No

13.) Please confirm that electronic signatures are acceptable as originals.

Electronic signatures are acceptable

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

	AirQuest Environmental, Inc.
Signature	Name of Business

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA)
: SS
COUNTY OF Broward)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By _____
TRACI-ANNE BOYLE

Sworn and subscribed before me this

30 Day of June, 2014.

_____
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 4·18·2018

Notary Public State of Florida
Adrienne LeBlanc
My Commission FF 103648
Expires 04/18/2018

SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ 14-004 for Environmental Engineering Services

2. This sworn statement is submitted by AirQuest Environmental, Inc.
(Name of entity submitting sworn statement)

whose business address is 6851 SW 45th Street, Fort Lauderdale, FL 33314

and (if applicable) its Federal Employer Identification Number (FEIN) is 05-0529142 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)

3. My name is Traci-Anne Boyle and my relationship to
(Please print name of individual signing)

the entity named above is President / CEO.

4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.

5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(l)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means

   1. A predecessor or successor of a person convicted of a public entity crime: or

   2. An entity under the control of any natural person who is active in the management of t entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural

person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

___There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

___The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

___The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of Environmental Services.)

_____
(Signature)

6/30/14
(Date)

STATE OF Florida

COUNTY OF Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Traci-Anne Boyle who, after first being sworn by me, affixed his/her signature in the
(Name of individual signing)

space provided above on this 30 day of June, 2014.

My commission expires: 4·18·2018
NOTARY PUBLIC

Notary Public State of Florida
Adrienne LeBlanc
My Commission FF 103648
Expires 04/18/2018

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF FLORIDA)
: SS
COUNTY OF Broward)

I, the undersigned hereby duly sworn, depose and say that the firm of AirQuest Environmental, Inc. provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: _____

Traci-Anne Boyle
President / CEO

Sworn and subscribed before me this

30 Day of June, 2014.

_____
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 4·18·2018

Notary Public State of Florida
Adrienne LeBlanc
My Commission FF 103648
Expires 04/18/2018

CONE OF SILENCE AFFIDAVIT

STATE OF Florida)
: SS
COUNTY OF Broward)

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of AirQuest Environmental, Inc. have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

Traci-Anne Boyle, President & CEO

Sworn and subscribed before me this

30 Day of June, 2014.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 4·18·2018

Notary Public State of Florida
Adrienne LeBlanc
My Commission FF 103648
Expires 04/18/2018

Appendix II – Licenses

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

AIRQUEST ENVIRONMENTAL INC
TRACI-ANNE BOYLE
6851 SW 45TH STREET
FORT LAUDERDALE FL 33314

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto **www.myfloridalicense.com**. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ZA304 ISSUED: 10/14/2013

ASBESTOS BUSINESS ORGANIZATION
AIRQUEST ENVIRONMENTAL INC
TRACI-ANNE BOYLE

IS LICENSED under the provisions of Ch.469 FS.
Expiration date NOV 30, 2015 L1310140001633

The Department of State is leading the commemoration of Florida's 500th anniversary in 2013. For more information, please go to www.VivaFlorida.org.

DETACH HERE

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

LICENSE NUMBER	
ZA304	

The ASBESTOS BUSINESS ORGANIZATION
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2015

AIRQUEST ENVIRONMENTAL INC
TRACI-ANNE BOYLE
6851 SOUTHWEST 45TH STREET
FORT LAUDERDALE FL 33314

RICK SCOTT
GOVERNOR

ISSUED: 10/14/2013 SEQ # L1310140001633
DISPLAY AS REQUIRED BY LAW

KEN LAWSON
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS (850) 487-1395
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

AIRQUEST ENVIRONMENTAL INC
6851 SOUTHWEST 45TH STREET
FORT LAUDERDALE FL 33314

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

GB721 ISSUED: 02/12/2014

GEOLOGY BUSINESS
AIRQUEST ENVIRONMENTAL INC

IS CERTIFIED under the provisions of Ch.492 FS.
Expiration date : JUL 31, 2014 L1402120000649

The Department of State is leading the commemoration of Florida's 500th anniversary in 2013. For more information, please go to www.VivaFlorida.org.

VIVA FLORIDA 500

DETACH HERE

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

LICENSE NUMBER	
GB721	

The GEOLOGY BUSINESS
Named below IS CERTIFIED
Under the provisions of Chapter 492 FS.
Expiration date: JUL 31, 2014

AIRQUEST ENVIRONMENTAL INC
6851 SOUTHWEST 45TH STREET
FORT LAUDERDALE FL 33314

VIVA FLORIDA 500

ISSUED: 02/12/2014 SEQ # L1402120000649
DISPLAY AS REQUIRED BY LAW

United States Environmental Protection Agency

This is to certify that

AirQuest Environmental, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires March 28, 2017

FL-16418-3

Certification #

March 27, 2014

Issued On

Michelle Price

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

STATE OF FLORIDA
DEPARTMENT OF HEALTH

Florida HEALTH

010477
Audit Control No.

Original - Customer

Division of Disease Control and Health Protection
Bureau of Epidemiology, Radon Program
4052 Bald Cypress Way, Bin A12
Tallahassee, FL 32399-1720

Under the provisions of Chapter 404, Florida Statutes, this business is certified to provide indoor RADON MEASUREMENT SERVICES.

AIRQUEST Environmental, Inc.
5150 Southwest 48th Way, Ste. 610
Fort Lauderdale, FL 33314

Certification No. RB2184
Issue Date: October 14, 2013
Certification Automatically Expires On: October 13, 2014

Display Certificate at Business Location

STATE OF FLORIDA
DEPARTMENT OF HEALTH

Florida HEALTH

010477
Audit Control No.

Duplicate - Customer

Division of Disease Control and Health Protection
Bureau of Epidemiology, Radon Program
4052 Bald Cypress Way, Bin A12
Tallahassee, FL 32399-1720

Under the provisions of Chapter 404, Florida Statutes, this business is certified to provide indoor RADON MEASUREMENT SERVICES.

AIRQUEST Environmental, Inc.
5150 Southwest 48th Way, Ste. 610
Fort Lauderdale, FL 33314

Certification No. RB2184
Issue Date: October 14, 2013
Certification Automatically Expires On: October 13, 2014

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

MOLD-RELATED SERVICES LICENSING PROGRAM (850) 487-1395
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

BOYLE WHALEN, TRACI ANNE
6851 SW 45TH STREET
FORT LAUDERDALE FL 33314

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

MRSA135 ISSUED: 06/18/2014

MOLD ASSESSOR
BOYLE WHALEN, TRACI ANNE

IS CERTIFIED under the provisions of Ch.468 FS.
Expiration date : JUL 31, 2016 L1406180001565

DETACH HERE

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
MOLD-RELATED SERVICES LICENSING PROGRAM

LICENSE NUMBER	
MRSA135	

The MOLD ASSESSOR
Named below IS CERTIFIED
Under the provisions of Chapter 468 FS.
Expiration date: JUL 31, 2016

BOYLE WHALEN, TRACI ANNE
6851 SW 45TH STREET
FORT LAUDERDALE FL 33314

ISSUED: 06/18/2014 DISPLAY AS REQUIRED BY LAW SEQ # L1406180001565

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

BOYLE, TRACI-ANNE
AIRQUEST ENVIRONMENTAL INC
5150 SW 48TH WAY
STE 610
DAVIE FL 33314

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STATE OF FLORIDA AC# 6336762
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

AX60 09/04/12 128069000

ASBESTOS CONSULTANT
BOYLE, TRACI-ANNE
AIRQUEST ENVIRONMENTAL INC

IS LICENSED under the provisions of Ch.469 FS.
Expiration date: NOV 30, 2014 L12090403221

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AC# 6336762

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L12090403221

DATE	BATCH NUMBER	LICENSE NBR
09/04/2012	128069000	AX60

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2014

BOYLE, TRACI-ANNE
AIRQUEST ENVIRONMENTAL INC
5150 SW 48TH WAY
STE 610
DAVIE FL 33314

RICK SCOTT
GOVERNOR

KEN LAWSON
SECRETARY

DISPLAY AS REQUIRED BY LAW

STATE OF FLORIDA
DEPARTMENT OF HEALTH

010833
Audit Control No:

Original - Customer

Division of Disease Control and Health Protection
Bureau of Epidemiology, Radon Program
4052 Bald Cypress Way, Bin A12
Tallahassee, FL 32399-1720

Under the provisions of Chapter 404, Florida Statutes, this person is a certified RADON MEASUREMENT TECHNICIAN and may perform indoor radon measurements only through a certified radon measurement business.

James Whalen
3030 SW 19 Street
Fort Lauderdale, FL 33312

Certification No. R2168

Issue Date: July 21, 2014

Certification Automatically Expires On: July 20, 2015

STATE OF FLORIDA
DEPARTMENT OF HEALTH

010833
Audit Control No:

Duplicate - Customer File

Division of Disease Control and Health Protection
Bureau of Epidemiology, Radon Program
4052 Bald Cypress Way, Bin A12
Tallahassee, FL 32399-1720

Under the provisions of Chapter 404, Florida Statutes, this person is a certified RADON MEASUREMENT TECHNICIAN and may perform indoor radon measurements only through a certified radon measurement business.

James Whalen
3030 SW 19 Street
Fort Lauderdale, FL 33312

Certification No. R2168

Issue Date: July 21, 2014

Certification Automatically Expires On: July 20, 2015

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

MOLD-RELATED SERVICES LICENSING PROGRAM (850) 487-1395
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

WHALEN, JAMES M
5150 SW 48TH WAY STE 610
FORT LAUDERDALE FL 33314

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

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STATE OF FLORIDA AC# 6151448
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

MRSA124 06/04/12 110410677

MOLD ASSESSOR
WHALEN, JAMES M

IS CERTIFIED under the provisions of Ch.468 FS
Expiration date: JUL 31, 2014 L12060400886

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AC# 6151448

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
MOLD-RELATED SERVICES LICENSING PROGRAM

SEQ# L12060400886

DATE	BATCH NUMBER	LICENSE NBR
06/04/2012	110410677	MRSA124

The MOLD ASSESSOR
Named below IS CERTIFIED
Under the provisions of Chapter 468 FS.
Expiration date: JUL 31, 2014

WHALEN, JAMES M
5150 SW 48TH WAY STE 610
FORT LAUDERDALE FL 33314

RICK SCOTT
GOVERNOR

KEN LAWSON
SECRETARY

DISPLAY AS REQUIRED BY LAW

Coastal Engineering Consultants, Inc.
Professional Licenses

State of Florida

Board of Professional Engineers
Attests that
Coastal Engineering Consultants, Inc.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2015
Audit No: 228201501142

Certificate of Authorization

CA Lic. No: 2464

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AC# 6129702

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

SEQ# L12051601503

DATE	BATCH NUMBER	LICENSE NBR
05/16/2012	110386381	GB65

The GEOLOGY BUSINESS
Named below IS CERTIFIED
Under the provisions of Chapter 492 FS.
Expiration date: JUL 31, 2014

COASTAL ENGINEERING CONSLT INC
3106 S HORSESHOE DR
NAPLES FL 339426137

RICK SCOTT
GOVERNOR

DISPLAY AS REQUIRED BY LAW

KEN LAWSON
SECRETARY

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB2464**
Expiration Date: February 28, 2015

Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes

COASTAL ENGINEERING
3106 HORSESHOE DR S
NAPLES, FL 34104-6137

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Coastal Engineering Consultants, Inc.
Professional Licenses

State of Florida

Board of Professional Engineers
Attests that
Michael T. Poff, P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2015
Audit No: 228201511485
P.E. Lic. No: 48218

State of Florida

Board of Professional Engineers
Attests that
Mark A. Kincaid, P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2015
Audit No: 228201527659
P.E. Lic. No: 58654

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AC# 6129697

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

SEQ# L12051601498

DATE	BATCH NUMBER	LICENSE NBR
05/16/2012	110386381	PG321

The PROFESSIONAL GEOLOGIST
Named below IS LICENSED
Under the provisions of Chapter 492 FS.
Expiration date: JUL 31, 2014

STEPHEN, MICHAEL F
3106 HORSESHOE DR S
NAPLES FL 34104

RICK SCOTT
GOVERNOR

DISPLAY AS REQUIRED BY LAW

KEN LAWSON
SECRETARY

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS5295**
Expiration Date: February 28, 2015

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

RICHARD J EWING
% COASTAL ENGINEERING CONSULTA3106 S HORSESHOE DR
NAPLES, FL 34104

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Coastal Engineering Consultants, Inc.
Professional Licenses

THE ACADEMY OF BOARD CERTIFIED ENVIRONMENTAL PROFESSIONALS

ATTESTS THAT

Kris W. Thoemke

IS HEREBY DECLARED TO BE A

CERTIFIED ENVIRONMENTAL PROFESSIONAL

IN

Environmental Planning

BY THE CERTIFICATION REVIEW BOARD

ACTING UNDER THE AUTHORITY OF THE BOARD OF TRUSTEES

THIS 31TH DAY OF MAY 2005

LEAD REVIEWER, CERTIFICATION REVIEW BOARD

CHAIR, CERTIFICATION REVIEW BOARD

CERTIFICATION NUMBER: 05050350

Appendix III – Resumes

AIR QUEST® ENVIRONMENTAL, INC.

Traci-Anne Boyle, MBA, CIH, CSP — President

PROFESSIONAL DISCIPLINES:

- Indoor Air Quality
- Asbestos
- Defective Corrosive Drywall
- Corporate Social Responsibility/Sustainability
- Industrial Hygiene
- Contamination Assessments and Remedial Action
- Litigation Support/Expert Witness
- Maritime Industrial Hygiene / EH&S
- Mold Assessment and Remediation

EXPERIENCE: 20 years

EDUCATION:

Master of Business Administration, June 2002
University of Baltimore, Baltimore, Maryland
Bachelor of Science Biology, August 1993
Florida International University, Miami, Florida

BIO:

Ms. Boyle has over twenty (20) years of diverse environmental consulting and industrial hygiene experience spanning more than thirty states in the US as well as the Caribbean. Her niche is in successfully directing sensitive, complex, multi-disciplinary, and large-scale environmental and industrial hygiene projects. Her experience includes simultaneous senior project management of multi-million dollar environmental projects in three (3) states.

Ms. Boyle has provided environmental consulting to a variety of parties including domestic and foreign government officials, attorneys, insurance companies, lending institutions, architects, engineers, the construction industry, property asset managers, multi-national corporations, and regulatory agencies.

REGISTRATIONS, LICENSES & CERTIFICATIONS

American Board of Industrial Hygiene, Certified Industrial Hygienist (#8561, Comprehensive Practice, July 2003)
Board of Certified Safety Professionals, Certified Safety Professional (#23595, November 2012)
Florida Asbestos Consultant (#AX-60, June 2005)
Florida Mold Assessor (#MRSA-135, November 2010)
OSHA Health and Safety Certified for Hazardous Waste Operations, 29 CRF 1910.120, 1994
Asbestos Building Inspector: Accreditation under TSCA Title II/AHERA, 1995
Asbestos Project Designer: Accreditation under TSCA Title II/AHERA, 2004
Asbestos Management Planner: Accreditation under TSCA Title II/AHERA, 2004
OSHA Certified Class II Asbestos Abatement Worker, 29 C.F.R. part 1926.1101, 1998 only
OSHA Certified Competent Person Class II Asbestos Abatement Supervisor, 29 C.F.R. part 1926.1101, 1998 only
Mold Assessment & Remediation in Buildings, 2002
Respiratory Protection, 2003
(The above course descriptions are for the original courses. All of the certificates are current except as noted.)

ASSOCIATIONS

American Board of Industrial Hygiene, Subcommittee on Stewardship and Sustainability
American Conference of Governmental Industrial Hygienists
American Industrial Hygiene Association
Board of Certified Safety Professionals
National Association of Environmental Professionals, Member #11050 (1996-2009)
American Society of Testing Materials (ASTM) International, Subcommittee on Environmental Assessment
Indoor Air Quality Association
Women's Business Enterprise National Council
Women Impacting Public Policy, Subcommittee on Energy & the Environment (2009-2010)

Beta Gamma Sigma, Member #837318

SELECTED PROJECT EXPERIENCE

Industrial Hygiene

Certified industrial hygienist responsible for the oversight of removal of lead contaminated soil at Patrick's Air Force Base. The project consisted of the demolition of an existing small arms firing range and excavation and disposal of lead contaminated soil. A Worker Protection and Exposure Monitoring Plan, Ambient Air Monitoring Plan and Confirmatory Sampling and Analysis Plan were developed prior to site activities. The demolition debris was sampled to determine if it was a characteristic hazardous waste. Initial and periodic personal air monitoring was conducted during remediation activities to assist in the evaluation of exposure levels and the selection of appropriate respiratory protection. Background samples were placed in the vicinity of excavation activities to evaluate the potential exposure to intermittent site visitors. Daily air monitoring was conducted for lead to evaluate if the remediation activities were within the EPA's National Ambient Air Quality Standards. Each soil pile was sampled for disposal purposes and confirmation soil samples were collected from the excavation to confirm that all lead impacted soils were removed from the site.

Certified industrial hygienist responsible for noise sampling of ten (10) workers at a vehicle assembly facility. The sampling was performed using Casella Noise Dosimeters. The equipment was factory calibrated and field calibrated prior to use. Ten (10) workers were monitored during the work shift within the 75,000 square foot industrial building. The results indicate that the Time Weighted Average (TWA) or average sound level (used if less than 8 hours were collected), were above the Occupational Safety and Health Administration (OSHA) Action Level of 85 db or Permissible Exposure Limit of 90 db in all but one (1) of the samples. Based upon the results of the sampling, recommendations for compliance with CFR 1910.95, OSHA's Occupational Noise Exposure regulation, were made.

Conducted personnel monitoring to evaluate airborne contaminant concentrations and personal exposure levels to silica before and after modifications were made to a sandblasting room. The results of the laboratory sampling and analysis did not identify detectable concentrations of quartz, cristobalite or tridymite silica in the personal and area samples collected before or after modifications were made to the exhaust system in the sandblasting room.

Conducted a risk assessment of the use of chemicals with a Hazardous Material Identification System (HMIS) Health rating of 3 or 4 for a large passenger cruise company. The assessment included interviews with employees, observations of work conditions and work procedures, field screening for key indoor air quality parameters and laboratory analysis of exposures to a variety of chemicals of concern. The data collected was used to develop exposure evaluations for over 100 chemicals, which were presented in concise one (1) page attachments to MSDS sheets.

Asbestos

Provided senior project management to an emergency response to an asbestos release aboard a passenger cruise ship that was in dry-dock undergoing interior renovations. The logistics for the project included operating in a foreign country (Curacao, Netherland Antilles), coordinating over 100 asbestos abatement workers and asbestos consultants, foreign government officials, the vessel owner, the captain and crew of the vessel, the drydock owner's representatives and consultants from the Netherlands, and working under intense time constraints. The asbestos abatement project was successfully completed within eleven work days. Air monitoring and onboard asbestos consulting continued for an additional 6 weeks while renovations to the ship were completed.

Conducted an asbestos survey of over 1.6 million square feet of space within twenty-six (26) buildings of an industrial/manufacturing complex in Greenville, South Carolina. The abandoned facility was without electrical power and in poor condition at the time of the survey. The project required careful coordination of a four person team and consideration of numerous health and safety issues due to the unsafe building conditions. The survey was completed within a one-week time period and over 700 samples of suspect asbestos containing materials were collected. The results were reported by building to facilitate the development of abatement specifications prior to demolition. A comprehensive bid specification was prepared to solicit competitive bids for the asbestos abatement.

Conducted and/or supervised thousands of asbestos surveys for building permits throughout the United States. The asbestos surveys were conducted to satisfy National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations or transactional screenings.

Mold Assessment & Remediation

Conducted and/or supervised hundreds of microbial investigations throughout South and Southwest Florida on behalf of homeowners, homebuilders, insurance carriers, condominium associations, employers, defendants and plaintiffs.

Conducted a mold and moisture survey of an occupied building in Miami, Florida. The occupants had been complaining of symptoms consistent with indoor mold amplification for several years. Numerous previous studies had been conducted on behalf of the building owner that suggested indoor microbial growth. Recommendations had been made, however the symptoms continued and several occupants were forced to permanently vacate the building. The purpose of the survey was to document the living conditions on behalf of the residents in support of potential medical claims by the building residents. The moisture survey demonstrated that over half of the building materials had excess moisture. The relative humidity was above ASHRAE recommended levels. Over thirty (30) air and bulk samples were collected for total spore counts, viable culturable fungi, and fungi identification. The results clearly demonstrated indoor amplification of Penicillium and Aspergillus. Photographs were taken illustrating mold growing on the interior of the air ducts and on the underside of vinyl floor tile. A report was prepared summarizing all of the previous investigations conducted on behalf of the building owner and the investigation conducted on behalf of the residents.

Conducted a mold survey for a residential unit in Homestead, Florida. The unit had been impacted by two (2) water incursion events several months apart. The survey was requested to determine if the mold impacts could be differentiated based upon the sources so that the remedial costs could be apportioned appropriately by the responsible parties. Photographic documentation was collected, observations were recorded, and bulk, tape lift and air samples were collected. The results of the investigation indicated that the source of the mold contamination could be differentiated based upon the observed damaged areas and the types of mold in these areas.

Indoor Air Quality

Conducted a Baseline Indoor Air Quality Survey and Prepared an Operations and Maintenance Plan for a municipal Fire Station. Particular attention was focused on documenting the quality of the heating, ventilation, and air conditioning (HVAC) system through readings of relative humidity, temperature, carbon dioxide and carbon monoxide. Volatile organic compounds and respirable particles were evaluated using a MiniRAE PhotoIonization Detector and a MIE PDM-3 Miniram, respectively. Data was collected using real-time digital readouts and datalogged over a 48 hour period for download and analysis. At the Client's request, representative areas were selected for bioaerosol monitoring. Samples for both viable culturable fungi and total spore counts were collected. The procedures and results of the investigation were incorporated into a comprehensive baseline survey report, outlining the findings of the sampling and recommendations for

corrective action. Baseline background facility information was collected and incorporated into the O&M Plan including a chemical inventory list. Checklists were developed to assist internal personnel and/or outside consultants in monitoring potential indoor air quality concerns. The report identified specific tasks and schedules. Semi-annual monitoring is performed at this facility.

Corrosive Drywall

Provided senior project management to determine the presence of corrosive (Chinese) drywall in sixty (60) homes within a residential development in Broward County, Florida. The scope of the inspections included: documentation of the presence of odors, visual inspection of the air handler, electrical panel, representative switches and outlets and potentially impacted appliances, wall cavity examination using a boroscope, field screening for hydrogen sulfide using a Jerome H_2S Analyzer and air and drywall laboratory sample collection for analysis. Corrosive drywall was identified within several of the inspected residences.

Air Resources Management

Completed an Annual Operating Report (AOR) for a furniture manufacturer in Miami, Florida. Facility usage data was determined, emissions per regulated emission unit and source classification code (SCC) and calculated and the report was prepared using the Florida Department of Environmental Protection's EAOR software.

Supervised atmospheric dispersion modeling of hydrogen sulfide (H2S) emissions from the exhaust gas of a scrubbing unit, located at a water treatment plant in Palm Beach County, Florida. The modeling was conducted to determine appropriate design parameters for the scrubbing unit that would insure the ambient H2S concentrations remained below a threshold of 10 parts per billion (ppb) as determined at the closest residence.

Consulted with the Environmental Management Authority (EMA) Trinidadian environmental professionals on development of the Air Pollution Rules of the Environmental Management Act for the Republic of Trinidad and Tobago. Consulting services included teleconferencing, providing formal presentations to the EMA, and development of a paper for presentation at the American Chamber of Commerce of Trinidad and Tobago, 5th Annual Safety, Health & Environmental Conference and Exhibition, 2001, Trinidad, West Indies.

Contamination Assessment and Remedial Action

Prepared a Comprehensive Site Assessment for an airplane seat manufacturer in Winston-Salem, North Carolina. A soil gas survey was utilized as a cost effective technology to investigate the potential lateral extent of chlorinated solvents in the soils and groundwater at the thirty (30) acre facility. Potential receptors and migration pathways, contaminant source areas, and the horizontal and vertical extent of soil and groundwater contamination was investigated. The Comprehensive Site Assessment was prepared in accordance with North Carolina report preparation requirements. Chlorinated solvents were documented in the bedrock aquifer to a depth of over 140 feet and in a nearby stream. Remedial alternatives and a feasibility study were developed.

Conducted assessment activities, implemented remedial action, and conducted quarterly monitoring at a site with groundwater contamination by 1,1,1-trichloroethane (TCA) in Litchfield, Connecticut. To evaluate the vertical extent of contamination, a packer system was used to sample groundwater from discrete (10 feet to 20 feet) intervals with two deep monitoring wells (82 feet and 182 feet). The use of packers eliminated the need to drill numerous deeper wells to define the extent of contamination. Active site remediation consisted of soil excavation, groundwater extraction and remediation through air stripping followed by discharge to an adjacent creek. Active site remediation was completed and semi-annual

monitoring of the on-site wells was conducted.

Participated in the development of a Remedial Action Workplan Addendum (RAWA) for a manufacturing facility in Nutley, New Jersey. The initial Remedial Action Workplan was prepared by another consultant. A review of the remediation progress and site data indicated that source material was likely present at the site. A soil gas survey was conducted, source material identified and removed. The RAWA included the addition of vacuum extraction trenches and retrofitting of groundwater extraction wells to optimize contaminant removal.

Developed numerous alternate procedures for the small-scale remediation of surficial contamination identified during due diligence investigations. The plans were developed to facilitate property transactions to the satisfaction of the property owner and purchaser and were conducted in accordance with standard industry care.

Multi-Disciplinary Projects

Preparation of a Phase I, Phase II, Contamination Assessment, Risk Characterization, Remedial Action Plan, and Remedy Implementation Plan for a property in Everett, Massachusetts. The property was formerly occupied by a paint manufacturer that utilized numerous aboveground storage tanks (ASTs), Underground Storage Tanks (USTs), 55-gallon drums, and other miscellaneous containers for the manufacture of latex and oil-based paints and the manufacture of tennis surfacing material. The manufacturer disposed of latex paint rinse water effluent by discharging to two (2) on-site unlined lagoons. The Contamination Assessment delineated the horizontal and vertical extent of soil and groundwater contamination. A Method III characterization was chosen for the soil and groundwater at the site. The results of the risk characterization were used as the basis to select the appropriate remedial action and to select the appropriate Response Action Outcome for the disposal site pursuant to 310 CMR 40.1000. Subsequently a Remedial Action Plan and Remedy Implementation Plan were prepared utilizing the risk based soil and groundwater clean-up levels established in the Risk Characterization.

Document review and consulting services during a property transaction for a 270-acre former nylon manufacturing facility in Greenville, South Carolina. Over ten (10) years of technical documents and the onsite groundwater and soil remedial system operation and performance were reviewed. A site inspection was conducted to supplement the document review. Groundwater analytical results were condensed and prepared for modeling purposes. Based upon the modeling results, a soil gas survey was performed upgradient of the groundwater plume. The results of the soil gas survey revealed an area with elevated levels of carbon tetrachloride that could act as an ongoing source of contamination. The findings of the soil gas survey were presented to the current owners of the site to enhance and supplement the remedial efforts.

Preparation of an extensive Phase I and Phase II Environmental Assessment to encompass approximately 1466 acres of land in rural Palm Beach County, Florida. The Phase I and Phase II investigations were conducted in conjunction with the South Florida Water Management District and their consultants. A fresh diesel spill was discovered during the Phase I Assessment. Subsequently, Initial Remedial Actions consisting of the excavation of excessively contaminated soil were conducted. A Contamination Assessment Report was prepared for the site revealing limited groundwater contamination. An Alternate Procedure was proposed and implemented to remediate the limited extent of groundwater contamination.

Corporate environmental consulting to an international firm with over twenty (20) domestic and seven (7) international large-scale manufacturing facilities. Managed all remedial soil and groundwater operations at the facilities, provide property transaction representation during leasebacks and acquisitions, and established compliance programs under RCRA and OSHA for the firm.

Phase I Environmental Assessments and Due Diligence Investigations

Performed and/or managed over 200 multi-disciplinary due diligence investigations (Phase I Environmental Assessments, Phase II Environmental Assessments, Transaction Screens, lead based paint surveys, radon surveys, asbestos surveys). Due diligence investigations conducted in accordance with the applicable ASTM Standard, client standard, certification requirements and/or exceeding industry standards.

Preparation of an extensive Phase I and Phase II Environmental Assessment to encompass approximately 54,000 acres of land utilized as a sugar farm. The Phase I Environmental Assessment included a current and historic aerial photograph and Sanborn Fire Insurance Map review in two counties, an aerial site reconnaissance, vehicle site reconnaissance, site and adjacent properties historical review, and several regulatory agency file reviews. A groundwater assessment was conducted for an area of the property historically used as a trash pit. Additionally, groundwater assessments were conducted in several areas of the site identified as environmental concerns during the Phase I Environmental Assessment.

Litigation Support

Provided consulting services on numerous mold contamination claims throughout South Florida on behalf of both plaintiffs and defendants. A listing of previous testimony is available upon request.

Represented the former owner of a hospital in fulfilling their environmental obligations under a purchase and sale agreement. The initial review of claims resulted in a savings of over $800,000 in reimbursement costs. The final reimbursement request was $312,000 against a potential liability of $5,000,000. The claim was settled for under $312,000 based upon diligent review and coordination with the client's legal counsel.

Review of over 400 boxes of technical documents spanning eighty years in support of litigation. The technical review consisted of the development of a comprehensive database to facilitate retrieval of documents and water, soil, and air quality data. Personally responsible for the design of the relational database which consisted of twenty tables and several hundred thousand records. The database was used to facilitate the analysis of the fate, transport, and timing of the releases at this complex site.

Evaluated the extent of soil contamination at two rental car facilities in Warren and Romulus, Michigan for litigation support. Soil contamination was documented and extensive excavations were performed at both facilities by the client's previous consultant. A database of soil analytical results was created and the distribution of contamination was modeled for each site. Based upon the results of the model, it was determined that the data supported the removal of only a fraction of the soils actually removed from the sites. An opinion was presented to the client's counsel for support of recovery of costs from the parties involved in performing the unnecessary soil removal activities.

PUBLICATIONS / PRESENTATIONS

Weaver, R., F.R. Baddour, T. Boyle and V. Rossinsky, Jr., "Removal of Chlorinated Solvents Using Soil Vapor Extraction and Groundwater Treatment Technologies", Proc. 94th Annual Conference and Exhibition Air & Waste Manage. Assoc. 2001, Orlando, FL, Paper No. 508.

Weaver, R., J. Als, F.R. Baddour, T. Boyle and V. Rossinsky, Jr., "Air Quality Management: A Tactical Approach", American Chamber of Commerce of Trinidad and Tobago, 5th Annual Safety, Health & Environmental Conference and Exhibition, 2001, Trinidad, West Indies.

AIRQUEST ENVIRONMENTAL, INC.

Isidro Duque, P.G. — Senior Project Manager

PROFESSIONAL DISCIPLINES:

- Contamination Assessments and Remedial Action
- UST/AST Compliance Monitoring
- UST Installation, Removal and Decommissioning
- Health and Safety
- Phase I, II Environmental Site Assessments
- Pollution Prevention
- Recycling Programs

EXPERIENCE: 25 years

EDUCATION:

Bachelor of Science/Geology, August 1987
University of Miami, Coral Gables, Florida

Associate of Arts/Petroleum Technology, December 1982
Florida Institute of Technology, Jensen Beach, Florida

BIO:

A Senior Project Manager with twenty five (25) years of environmental consulting experience managing accounts in both the private and public sectors in Florida, Latin America and the Caribbean. Mr. Duque possesses strong negotiating skills in dealing with regulatory agencies, client operations and industry demands resulting in site-specific strategic work plans that involve innovative solutions meeting clients and government agencies requirements.

Mr. Duque has coordinated and managed environmental projects and grant budgets for the United States Environmental Protection Agency and the United States Department of Interior Bureau of Indian Affairs in addition to many clients in the private sector. In addition to planning and implementation of cost-effective environmental engineering solutions, Mr. Duque has managed offices abroad, supported environmental, geotechnical and construction teams and has performed loss prevention system training (health and safety) for clients and subcontractors.

Mr. Duque is experienced in investigations involving delineation and rehabilitation of sites impacted by hydrocarbon releases, chlorinated solvents, heavy metals, pesticides/herbicides and waste generated by varying industrial processes. Mr. Duque is experienced in conducting comprehensive land investigations that provide clients with the highest practical level of protection against past, present and future environmental liabilities. Typical clients include lending institutions, multi-national corporations, regulatory agencies, real estate investors, environmental attorneys, and owners and operators of cattle ranches, oil refineries, fuel distribution centers, gas stations, marinas, automotive repair and dry cleaning facilities among others.

REGISTRATIONS, LICENSES & CERTIFICATIONS

State of Florida Department of Professional Regulation, Registered Professional Geologist # 1660
OSHA Health and Safety Certified for Hazardous Waste Operations, 29 CRF 1910.120
INSTEP Licensed Environmental Professional # 371

SELECTED PROJECT EXPERIENCE

Licensed Professional Geologist in charge of managing EPA and BIA Brownfield contamination assessment projects involving arsenic and organo-chlorine pesticides and in some cases hydrocarbons derived from past cattle dip vat operations in several Florida Seminole Indian reservations. Eight projects/sites involved ground penetrating radar surveys to determine vat structure locations, advancement of soil borings, installation of monitoring wells, sample collection and laboratory analyses to determine the degree and extent of impacts. One of the challenges with these projects was the

delineation of all areas impacted at each site. In addition to the vat, improper dumping/disposal of sludge also took place at the cattle dip vat sites for several decades. Practical efforts were made to prioritize sites for monitoring and/or remediation based on degree, extent, use of the land and proximity to residential properties. The remedial activities included work plans and budgets, health and safety plans, dust suppression plans, vat structure removals, soil and groundwater extraction and treatment, and soil backfilling and surface capping. Remedial actions were followed by groundwater monitoring.

Project Manager for an emergency assessment of a release of hydrocarbons from a tank farm at an oil terminal in Puerto La Cruz, Venezuela for British Petroleum. The project involved a fast pace but comprehensive groundwater and surface sampling plan in addition to surveys to determine groundwater flow directions as influenced by a near water creek and the ocean. The assessment confirmed the impact, delineated the extent and provided technical information for a remedial action plan.

Coordination and management of multiple tank closure assessments for U-Haul of South Florida. Work included permitting, removal and disposal of underground storage tanks (USTs), dispensers and transmission/vapor lines, soil sampling, soil excavation and removal when necessary based on field screening using Organic Vapor Analyzer (OVA) equipped with a Flame Ionization Detector (FID), backfilling and resurfacing with concrete. To comply with the State environmental requirements, a Tank Closure Assessment Report (T-CAR) was submitted for each facility. Based on field and laboratory findings, some of these facilities required further assessment and remediation. Remediation was performed using pump and treat systems.

Soil assessment of over 40 dry cleaners throughout South Florida for the National Cleaners Association (NCA). The assessment of the dry cleaner facilities aimed at finding soil contamination in order to qualify for assistance from the State of Florida dry cleaner assistance program. To assess and confirm contamination for eligibility into the program, soil samples were obtained immediately adjacent to the perchloroethylene (perc) equipment using a small electrical core sampler. Samples were subsequently analyzed at a certified laboratory using a prearranged lowest possible detection level. This project was very successful since it confirmed contamination in 96% of the dry cleaner facilities.

Coordination and management of pollution prevention programs for Freightliner of South Florida and several other truck and automotive repair facilities. The pollution prevention programs were site-specific and tailored to the operation, existing equipment, facility engineering design (i.e. soakage pits, storm drains, storage, and USTs/ASTs) and past environmental compliance issues. Emphasis was placed on education and training of personnel on their facility's equipment and vulnerability for adverse environmental impacts, accident and spill reporting, counter measure plans and emergency response equipment, record keeping, and housekeeping practices. The pollution prevention programs proved to be beneficial to the clients and the environment since management and personnel became more conscious and responsible efforts were made to use equipment and installations properly resulting in fewer incidents, a sound environmental regulatory compliance and fewer regulatory inspections.

Management/Preparation of Spill Prevention Control and Countermeasure (SPCC) plans for twelve (12) facilities in Florida, equipped with above ground storage tank (AST) equipment and fueling operations. The SPCCs which met the EPA requirements for AST facilities, included an airport, a rock mine, truck and automotive maintenance buildings, and fire and police departments.

Contamination assessment and remediation at multiple Texaco gas stations facilities for Chevron Latin America. These

stations were located in Guatemala, Honduras, El Salvador, St. Thomas, and St. Marteen. Assessment activities were conducted following State of Florida guidelines in conjunction with local requirements. The common challenge was the negotiation of the assessment approach and environmental target levels with the local agents and other stakeholders. Other challenges in these countries included the available equipment for assessment work. Importing drilling and sampling equipment at times and shipping samples for laboratory analyses to the US was necessary to complete reliable assessment activities. Assessment results were used by Chevron to negotiate real estate values.

Assessment and remediation at service station in Ocotal, Nicaragua. During renovations at a 40 year old Texaco service station, subsurface hydrocarbon contamination was discovered. Following negotiations regarding the necessary steps and scope of work with the local environmental agency on behalf of the client, six USTs and associated dispensers and transmission lines were removed. The exposed USTs revealed that gasoline and diesel product had been leaking for years into the subsurface clay layers. Remediation efforts included the excavation of approximately 8,000 tons of impacted soils and incineration of the impacted material afterwards. The assessment had to be conducted along with the immediate remediation due to imposed local and arbitrary requirements. The excavation pit reached 42 feet in depth and cover approximately 22,500 square feet of land surface. Due to the depth of the local aquifer and poor transmissivity of the clay which had stored the leaked hydrocarbons for years, no groundwater contamination was found. Following a long soil backfilling process due the lack of available suitable clean material, in an unprecedented response, the Nicaragua environmental department, granted a site closure to the site allowing the renovation of the station.

Project manager for the installation of a drinking water well and test wells in the Seminole Tribe of Florida Immokalee and Brighton Reservations, respectively. The drinking water well for the Immokalee was designed with information gathered from previous wells and present needs for water supply, setback requirements and water treatment capabilities of the existing water treatment plant. The drinking water test wells installed in Brighton, Florida, were designed based on a previous ASR (Aquifer Storage and Recovery) study to intercept water bearing sand intermediate aquifer between the Surficial and Floridan aquifers.

Project Manager for initial contamination remediation and assessment at Shell service station located in the Miami, Doral area, Florida. In November 2010, the client was issued a Notice of Violation and Orders for Corrective Action including full remediation based on a diesel fuel leak and laboratory analyses. To attempt to avoid a long-term remediation process, a decision was made to remove contaminant sources. This included pumping free-floating product and re-construction of a UST spill bucket. After a successful initial remediation, a comprehensive site contamination assessment followed with a proposal for a Natural Attenuation Monitoring (NAM). The NAM was approved with conditions for remediation if Groundwater Cleanup Target Levels by the Florida Department of Environmental Protection were not met. Following a year of monitoring, a proposal for a No Further Action (NFA) has recently been submitted based on groundwater analytical results. The Miami-Dade County should grant the NFA proposal.

Performed comprehensive environmental site assessments for Chevron at lubricant plants and distribution centers in Argentina, Chile and Costa Rica. These site investigations which included subsurface assessments and indoor air quality, radon and asbestos surveys were used by Chevron in real estate transactions.

Coordinated all tasks involved in the excavation and baling of approximately 2,000 tons of agricultural plastic from agricultural operations. The low density polypropylene material which had been buried for over 20 years was segregated from pesticide contaminated dirt and baled for transportation and recycling.

AIR QUEST ENVIRONMENTAL, INC.

Teresa A. Thomas, CIEC — Senior Environmental Scientist

PROFESSIONAL DISCIPLINES:

- Phase I, II Environmental Site Assessments
- Indoor Air Quality
- Asbestos Inspections
- Contamination Assessments and Remedial Action
- NEPA
- UST Removal
- Health and Safety
- Pollution Prevention

EXPERIENCE: 26 years

EDUCATION:

Bachelor of Science, Environmental Science, Samford University, 1987

BIO:

Ms. Thomas has 26 years of experience in short-and long-term project planning and implementation of both commercial and government environmental projects. Ms. Thomas has experience in transportation projects for FDOT Districts Four and Six. She has extensive experience managing health and safety issues, Phase I/II environmental/compliance assessments and due diligence surveys. This experience includes the assessment of environmental compliance, potential environmental liabilities, and the potential costs of achieving long-term environmental compliance. She also has experience in facility projects such as asbestos management, Indoor Air Quality surveys and mold remediation. Ms. Thomas has collaborated with various scientists, chemists, ecologists and engineers as well as federal, state and local regulators. She has environmental experience throughout the U.S., as well as internationally.

REGISTRATIONS, LICENSES & CERTIFICATIONS

Florida Licensed Mold Assessor License No. MRSA831
Certified Indoor Environmental Consultant #0904004
Certified Hazardous Materials Manager
OSHA 40-Hour Hazardous Waste Health and Safety Training 29 CFR 190.120
OSHA Hazardous Materials Site Safety Supervisor
Certified Building Inspector, TSCA Title II/AHERA (Asbestos)

SELECTED PROJECT EXPERIENCE

Phase I/II Florida East Coast Railway Future Intermodal Container Transfer Facility, Port Everglades, Florida - The project involved a Phase I/II Environmental Site Assessment of 150 acres which encompassed the proposed location of the future Intermodal Container Transfer Facility (ICTF) property within the South Port of Port Everglades, Broward County, Florida. The main objective of the ESA was to identify the presence or likely presence, use, or release on the property of hazardous substances or petroleum products as defined in ASTM Practice E 1527-05 as a *recognized environmental condition*. The Phase II provided a Baseline Assessment of the soil and groundwater. A total of fourteen (14) soil borings and thirteen (13) temporary groundwater monitoring wells were installed and sampled. All soil and groundwater samples were collected in accordance with Chapter 62-160 of the Florida Administrative Code (FAC) and Florida Department of Environmental Protection Standard Operating Procedures for Field Activities (DEP-SOP-001/01) including FS 1000 – General Sampling Procedures, FS 2200 – Groundwater Sampling, and FS 3000 – Soil Sampling.

High-Speed Intercity Passenger Rail for the Florida East Coast Amtrak Service, FL: The project involved a new High-Speed Intercity Passenger Rail Service study on the existing Florida East Coast Railroad (550 miles of track) for Amtrak Service from Jacksonville to Miami, Florida. The project involved NEPA documentation and preparation of the final Environmental Assessment document for the FDOT to submit a grant funding application to the FRA in August 2010, and the project was intensely accelerated to meet the grant application deadline. The public involvement work involved 18 public workshops and design sessions in 9 cities where stations or major improvements were proposed. The

project also full environmental site assessments at the station locations for the physical and natural environmental analysis.

City of North Miami Claude Pepper Park Lakefill, North Miami, Florida - Ms. Thomas was responsible for the preparation of a Contamination Assessment Plan (CAP), Site Assessment Report and Engineering Control Plan for the site known as the Pepper Lakefill Site. The property is approximately 14 acres in size and historically, over time, the former lake area has been filled with excess soil from other City owned properties as well as solids from the City of North Miami's Winson Water Treatment Plant. Elevated levels of arsenic were discovered in the fill material. The study addressed the delineation and engineering control of arsenic contamination in the soil of the Lakefill area. Ms. Thomas provided Environmental Services for the pre-construction sampling of groundwater and soil on the proposed location of a 20,000 square foot (sqft) Community Center and soccer fields located on the western portion of the Claude Pepper Park. The proposed construction activities dictated the necessity to excavate soil to accommodate for the building foundation, the dry retention area, the exfiltration system and the installation of water and sewer lines on the property. Since the soil sampling event demonstrated that only the uppermost layer of soil exceeded residential soil cleanup target levels (SCTL) for arsenic provided in Chapter 24, Code of Miami-Dade County and that the groundwater samples collected during this phase of the investigation further showed that groundwater has not been impacted by arsenic, The recommendation was made for the soil to remain onsite with engineering controls and close the site with a No Further Action with Conditions (NFAC) in accordance with the risk based corrective action provisions of Section 24-44 (2) of the Miami-Dade County Code.

Phase I Environmental Site Assessment City of Dania Beach, Florida – Ms. Thomas performed a Phase I ESA for the city of Dania Beach Community revitalization Area (CRA). The study area encompassed 1370 acres of developed and undeveloped land within the City of Dania Beach.

Phase I Due Diligence Inspections Reliance Housing Foundation, Florida and Louisiana - Ms. Thomas managed and performed multiple pre-purchase comprehensive Phase I Assessments which included asbestos/lead based-paint due diligence inspections in Florida and Louisiana. The inspections followed the Housing and Urban Development (HUD) guidelines and were designed to compile information to produce a plan of action and cost estimates for removing and managing hazardous materials (asbestos and lead) that may be disturbed by planned demolition or renovation activities and the future use of the building.

Phase I Due Diligence Assessments The Fairchild Corporation (Europe), France Ms. Thomas successfully completed a comprehensive due diligence of three manufacturing facilities located in Toulouse, France, Saint-Cosme en Vairais, France and Conches en Ouches, France. Operations consisted of the fabrication of fasteners for the aircraft and automobile industry.

Phase I Due Diligence Assessment - Mercer Industrial Holdings, L.L.C., St. Croix, U.S. Virgin Islands Ms. Thomas successfully completed a comprehensive due diligence of an industrial coatings manufacturing facility in St Croix.

Phase I Environmental Site Assessment City of Sweetwater, Florida - Assessment to confirm the absence of soil and groundwater contamination due to historic discharges in the Northeast section of the City.

Brandywine Real Estate Services, FL - Successfully managed Phase I "Site Screenings" of three drycleaning facilities pursuant to S.376.3078(3) Florida statutes. Managed and performed a full contamination assessment of a facility contaminated with chlorinated solvents. The contamination assessment included the installation of soil borings and monitoring wells to delineate the vertical and horizontal extent of contamination. Project Manager for the interim remedial action stage and implementation of the remedial action.

AIAC and AIG Technical Services - Successfully completed insurance coverage claims evaluations involving the release of petroleum and chemical products into the environment. Versar provides technical evaluations and opinions on the cause and timeframe of the release, reasonableness and appropriateness of investigations, remedial measures, and costs claims related to the releases.

Latham & Watkins, Washington D.C. - Successfully managed a 53 site due diligence project for the acquisition of a confidential billboard/advertising organization.

LEFMARK Acquisitions Corporation - Successfully managed a 13 site due diligence portfolio consisting of retail centers in South Florida. Over half of the Phase I ESAs required the completion of Phase II ESAs. Critical deadlines and budgets were successfully met.

Confidential Client, Florida – Project Manager for a 30 site due diligence for the acquisition of a fast-food restaurant chain in South Florida.

Contamination Assessment - Mo's Diesel, 17832 South Dixie Highway, Miami, Florida - In response to a Notice of Violation for an illegal discharge to a septic system, a Phase II Site Assessment Report of the property was performed followed by a Phase II Supplemental Site Assessment to confirm the absence of soil and groundwater contamination due to historic discharges. A Notice of No Further Action was achieved.

Environmental Studies - Stuart Petroleum Company - Various Locations (Florida, Washington, D.C., Georgia & Virginia) Task Manager for environmental services to include underground storage tank (UST) closures, and Phase I and II investigations throughout the mid-Atlantic and southeastern regions of the U.S. Performed comprehensive compliance assessments of Petroleum Terminals in Florida, Georgia, and Washington, D.C.

Technical Environmental Services - AIAC and AIG Insurance Company - Ms. Thomas successfully completed insurance coverage claims evaluations involving the release of petroleum and chemical products into the environment. Provided technical evaluations and opinions on the cause and timeframe of the release, reasonableness and appropriateness of investigations, remedial measures, and costs claims related to the releases

FDOT District 4 US 27 Multi-Modal Planning & Conceptual Engineering Study (PACE) - The US-27 PACE Study investigated the technical and economic feasibility of developing the US-27 corridor to accommodate multimodal options, including rail and highway modes of transportation. The study focuses on a 75-mile segment of US 27 from the Hialeah Rail Yard in Miami-Dade County to the Palm Beach/Hendry County line. The overall intent of the project was to address the feasibility of multimodal improvements of the US 27 corridor as an alternative to shipping freight to proposed Inland Logistics Centers from the South Florida Seaports.

Miami-Dade Expressway Authority (MDX), PD&E Study, SR 836 Extension, Miami, Florida – Ms. Thomas participated in the NEPA environmental analysis of the proposed alternatives for the extension of SR 836 from approximately NW 137 Avenue to SW 136 Street. A desktop environmental analysis of existing geographic information systems (GIS) databases was conducted and included contamination screening, demographics and socio-economic issues.

Miami-Dade County Public Works Department, PD&E Study for the Design of Reversible Lanes for SR7/NW 7 Avenue Between 6 Street and 119 Street, Miami, FL - Conducted an environmental review of the proposed reversible lane project. The project entailed performing a PD&E Study which included contamination screening, land use impacts, and socio-economic issues. The proposed reversible lane system will provide additional capacity along the NW 7 Avenue corridor during peak periods.

Indoor Air Quality and Mold Remediation - Post Hurricane Wilma Water Damage Assessments - City of Delray Beach, Florida Ms. Thomas managed and performed Post Hurricane Wilma Water Damage Assessments of City owned buildings such as City Hall, Fire and Rescue Stations Nos. 1-6 and the Delray Beach Golf Club. She organized a team of inspectors to map the water damaged sustained during the hurricane. The moisture mapping included the use of Thermal Imaging capabilities as well as visual and intrusive inspections. The initial inspections also included comprehensive inspections of the HVAC systems, path of destruction sampling for asbestos containing materials, and air sampling using the fungal spore trap method. Upon delineation of the water and/or mold damaged building materials, site specific work plans and protocols were prepared. Subsequent remediation was successfully performed at the City buildings. Ms. Thomas worked directly with the City of Delray Environmental Services Department Construction Manager and the Fire Chief of Delray Beach, Florida.

Indoor Air Quality and Mold Remediation - Post Hurricane Wilma Water Damage Assessments - City of West Palm Beach, Florida Ms. Thomas managed and performed Post Hurricane Wilma Water Damage Assessments of City Hall. Ms. Thomas organized a team of inspectors to map the water damaged sustained during the hurricane. Ms. Thomas and the team of inspectors had a very narrow time frame to conduct the work, as the Mayor's office sustained damage thus requiring remediation of building materials. The moisture mapping included the use of Thermal Imaging capabilities as well as visual and intrusive inspections. The initial inspections also included comprehensive inspections of the HVAC systems, path of destruction sampling for asbestos containing materials, and air sampling using the fungal spore trap method. Upon delineation of the water and /or mold damaged building materials, site specific work plans and protocols were prepared. Subsequent remediation was successfully performed at the City Hall. Ms. Thomas worked directly with the Environmental Safety & Health Officer and the City of West Palm Beach Risk Management. Indoor Air Quality and Remediation - Florida Power & Light Ms. Thomas managed and performed comprehensive indoor environment, mold and water intrusion investigations and building diagnostics for an FP&L facility. The investigations included moisture mapping, HVAC/duct inspections and conditions evaluation. Ms. Thomas prepared remediation work plans and protocols and provided oversight during remedial activities.

Air Quality and Remediation - Florida Power & Light Ms. Thomas managed and performed comprehensive indoor environment, mold and water intrusion investigations and building diagnostics for an FP&L facility. The investigations included moisture mapping, HVAC/duct inspections and conditions evaluation. Ms. Thomas prepared remediation work plans and protocols and provided oversight during remedial activities.

Broward County School Board, Florida - Ms. Thomas performed asbestos abatement project supervision and air monitoring according to AHERA protocol for numerous Broward County schools. Responsible for project planning and budgeting. Successfully managed, coordinated and communicated with abatement contractors and school board officials during abatement activities.

Terminal 1 Refurbishment and New Arrivals Hall Abu Dhabi International Airport, United Arab Emirates – Ms. Thomas participated in the Supervision Committee for the Expansion of the Abu Dhabi International Airport (SCADIA). The project included Mechanical, Electrical, Plumbing, Fire Protection Design and Asbestos Inspection Services for the Terminal 1 Refurbishment and Expansion Program, which included the addition of a 20,000 square feet New Arrivals Hall building. The extremely fast-tracked schedule compressed the refurbishment design to six weeks to meet the client commitments. Terminal 1 is a 1980s-vintage international airport which requires upgrading to operate in today's complex transportation environment.

AIR QUEST ENVIRONMENTAL, INC.

James Whalen, CIEC, LEED®AP — Vice-President, Business Development

PROFESSIONAL DISCIPLINES:

- Asbestos Survey
- Asbestos Abatement
- Radon
- Mold Assessment & Abatement Oversight
- Indoor Air Quality
- Lead Based Paint
- LEED®
- Industrial Hygiene

EXPERIENCE: 22 Years

EDUCATION:

Bachelor of Arts, 1982
California State University
Hayward, California

LANGUAGES:

- English
- Spanish

Mr. Whalen has twenty-two (22) years experience providing air quality services across the United States. He began his career in the field of asbestos surveying, management, and abatement oversight. He has successfully managed over $55 million dollars in asbestos abatement. Under Mr. Whalen's direction, the Miami Federal Building was voted the "Asbestos Abatement Project of the Year" by the General Services Administration. Early in his career, Mr. Whalen expanded his skills to include a variety of indoor air quality issues. Mr. Whalen is the radon qualifier for the business.

CERTIFICATIONS

Radon Measurement Technician, State of Florida (R2168), 2009
Leadership in Energy & Environmental Design (LEED®) Accredited Professional, 2008
Certified Indoor Environmental Consultant, 2007
Certified Indoor Environmentalist, 2002 (CIE # 01211 – Not Renewed)
Mold Loss Prevention Specialist, 2003 (MLP #00069 – Not Renewed)
Asbestos Building Inspector: 206 TSCA 15 USC 2646/AHERA, 1989
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 1989
NIOSH 582 Equivalency Course, 1992
AHERA Survey, 1992
Indoor Air Quality Inspector Course, 1993
Mold Assessment & Remediation, 2001
Mold Assessor, State of Florida (MRSA124), 2010

(The above course descriptions are for the original courses. The requisite annual courses have been taken as required to maintain certifications. All of the certificates are current.)

ASSOCIATIONS

Indoor Air Quality Association

SELECTED PROJECT EXPERIENCE

Asbestos Abatement Project Management

Project engineering and management of hundreds of projects including the Miami Federal Building, the San Francisco Federal Building, numerous commercial buildings, hospitals and banks, and industrial abatement within Florida Power & Light facilities. The General Services Administration voted the Miami Federal Building their "Asbestos Abatement Project of the Year" for 1989.

Asbestos Survey & Abatement Oversight

Conducted asbestos surveys and abatement oversight in the aftermath of a hurricane in St. Thomas, U.S. Virgin Islands. The project involved emergency surveys at numerous schools damaged during the hurricane. Imminent

hazards were identified and prioritized for abatement. The project was conducted in conjunction with the local regulatory community.

Provided asbestos inspection and abatement supervision services for a seven (7) story CBS building located in Miami Beach. Survey, abatement design and oversight services were coordinated with the renovation contractor and the building manager to facilitate the progressive renovation of the historic building while maintaining occupancy. Asbestos containing materials that were identified and abated included plaster, acoustic ceiling tile, vinyl floor tile and mastic, pipe and boiler insulation, popcorn ceiling, spray applied fireproofing and numerous mastics.

Performance of hundreds of asbestos surveys for regulatory compliance, property transactions and renovations/demolition permitting. Implementation of asbestos survey programs for owners of large retail malls and hospitals. Designed, managed and provided air monitoring services during numerous large-scale asbestos abatement projects. Developed and implemented asbestos management programs for retail, industrial, hospital, and commercial clients. Preparation of bid specifications for environmental compliance of multi-million dollar renovation and demolition projects.

Managed the removal of asbestos from dust collectors, pumps, and associated piping within the operating Deltona Power Plant, Florida Power & Light facility.

Managed the removal of asbestos from within the two major mechanical rooms within the Homestead Hospital. The removal was designed and performed with both rooms fully operational during the removal activities.

Indoor Air Quality

Conducted an IAQ investigation to investigate a causal link between Indoor Air Quality (IAQ) contamination and health concerns within a two (2) story office building. The IAQ investigation consisted of an interview with building occupants, a visual examination of accessible areas of the interior of the building, field-testing of key IAQ parameters and sampling for airborne environmental contaminants including bacteria and fungi. Air sample collection methodologies included use of a Q-Trak and Anderson Sampler. Field testing of key IAQ parameters revealed all indoor air parameters were within acceptable ranges for safety and comfort, with the exception of Carbon Dioxide (CO2). The results of the Anderson Sampler analysis of indoor air samples indicated the presence of low levels of fungi, bacteria and other particulate matter. The sample collected from the outdoor location revealed relatively higher levels of tested agents, which suggested that indoor air amplification was not occurring. Modifications to the HVAC were recommended to address elevated CO2 levels. As a result of visible moisture damage around several windows, alterations and repairs were recommended.

Performance of an indoor air quality survey for the intensive care unit of a hospital. The survey was conducted in a discreet manner to avoid disturbing patients and hospital staff. An innovative approach was developed to screen the possibilities in this complex environment. The results of the survey indicated that there were no indoor air quality issues present in the portion of the hospital surveyed.

Conducted an Indoor Air Quality (IAQ) investigation to identify common IAQ contaminants in addition to two (2) insecticides of concern within a Florida Highway Patrol (FHP) building. The building was approximately 13,000 square feet (ft^2), contained thirty-four (34) rooms and was of concrete block construction. The IAQ investigation was

requested in response to a persistent complaint from one (1) employee regarding symptoms associated with exposure to IAQ contaminants. The investigation included a preliminary interview, visual examination of accessible areas of the interior of the building, detailed interviews with on-site personnel and collection of air samples for field and laboratory analysis. Air sample collection methodologies included use of a Q-Trak, Anderson Sampler, Air-O-Cell cassettes and OVS-2 Tubes. Field testing of key IAQ parameters revealed all indoor air parameters within acceptable ranges for safety and comfort, with the exception of Relative Humidity (RH) which was slightly elevated. The results of the insecticide analysis indicated below detectable levels of the constituents of concern. Results of the Air-O-Cell and Anderson Sampler analysis of indoor air samples indicated the presence of low levels of fungi, bacteria and other particles. Due to the elevated RH levels, modifications to the HVAC system were recommended.

Mold Assessment & Remediation

Conducted a mold and moisture survey of a historic building in South Florida. The building was plagued by a variety of water incursion sources including roof leaks, exterior envelope building leaks and poor climate control. The investigation was conducted during hours of un-occupancy to avoid increasing occupancy concerns. A comprehensive survey of the building systems was performed. A remedial plan was developed to correspond with client building uses and occupancy requirements. A roofer and mechanical engineer were contracted to address the moisture intrusion problems. The remediation was done under a strict timeline and in accordance with client requirements.

Conducted a moisture survey and microbial assessment within a first floor apartment in Palm Beach County, Florida. Because the source of the flooding was reportedly associated with sewage, sampling for bacteria was also performed. Using a moisture meter and a boroscope, visible mold was identified within the kitchen, bathroom and air conditioning closet within the apartment unit. An experienced abatement contractor was then contracted to remove the mold-contaminated and water-damaged materials. Removal management was performed to document the proper use of engineering controls, decontamination practices and adherence to project specifications. Clearance sampling using Air-O-Cell air sampling and wipe sampling (for E-coli) was performed.

Conducted a moisture survey and microbial assessment within the first floor of the two-story clubhouse building in North Broward County, Florida. A visible inspection and moisture survey were conducted. Field data collection included temperature and relative humidity measurements. Air-O-Cell air and tape lift (bulk) samples were collected for laboratory analysis. Excessive moisture content readings were recorded in the wallboard in numerous locations within the first floor of the building. Elevated relative humidity readings of 73.9% to 75.9% were recorded throughout the first floor of the building. Air-O-Cell samples documented elevated airborne concentrations of Aspergillus/Penicillium. Elevated concentrations of fungal contamination, specifically Stachybotrys, were found in the tape lift sample. Two (2) apparent sources of moisture were identified during the inspection: water dripping from the air handler and excess relative humidity. Recommendations were made to eliminate the sources of the moisture and to eliminate the visible fungal growth.

Performed more than a dozen microbial investigations in bank buildings within Miami-Dade, Broward and Palm Beach counties. Protocol typically included air and bulk sampling for fungi and bacteria. Field testing for comfort parameters including carbon dioxide, relative humidity and temperature, along with carbon monoxide sampling was also performed.

Managed numerous microbial assessment and abatement projects throughout Florida on behalf of attorneys, homeowners, insurance carriers, hotels, private investors, defendants and plaintiffs.

Multi-Disciplinary Projects
Provided consultation to local, state, and nationwide clients on asbestos, lead based paint, and indoor air quality issues for compliance and development of corporate policies.

AIRQUEST® ENVIRONMENTAL, INC.

Paul LeBlanc — Vice-President, Special Projects

PROFESSIONAL DISCIPLINES:

- Asbestos Survey & Abatement Oversight
- Mold Assessment & Abatement Oversight
- Indoor Air Quality
- Lead Based Paint
- Industrial Hygiene
- Corrosive Drywall
- Hazardous Materials Management

EXPERIENCE: 10 Years

BIO:

Mr. LeBlanc has ten (10) years experience providing environmental consulting services throughout the United States, Caribbean, and Pacific Islands. He has successfully managed millions of dollars in asbestos and mold abatement. Mr. LeBlanc is the project manager for Department of Transportation projects involving facilities, bridges and roadways. He is also the company qualifier for lead based paint activities under 40 CFR 745. Mr. LeBlanc has been at the forefront of AirQuest's investigation into corrosive drywall on behalf of attorneys, builders and financial institutions.

REGISTRATIONS, LICENSES & CERTIFICATIONS

Asbestos Building Inspector: 206 TSCA 15 USC 2646/AHERA, 2003
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2004
NIOSH 582 Equivalency Course, 2005
Mold Assessment & Remediation in Buildings, 2002 only
IAQ and Industrial Hygiene Workshop, 2005 only
IAQA Port Saint Lucie/Treasure Coast Chapter, 2007 only
EPA Lead Inspector, 2007
EPA Lead Risk Assessor, 2007
Florida Licensed Mold Assessor, #MRSA179, 2011
OSHA Health and Safety Certified for Hazardous Waste Operations, 29 CFR 1910.120, 2011
OSHA Confined Space Entry Training 8-Hour, 2603149

(The above course descriptions are for the original courses. The requisite annual courses have been taken as required to maintain certifications. All of the certificates are current.)

SELECTED PROJECT EXPERIENCE

Asbestos Emergency Response, Surveys & Abatement Oversight

Provided project management to an emergency response to an asbestos release aboard a passenger cruise ship that was in dry-dock undergoing interior renovations. The logistics for the project included operating in a foreign country (Curacao, Netherland Antilles), coordinating and/or overseeing 100 asbestos abatement workers and asbestos consultants, foreign government officials, the vessel owner, the captain and crew of the vessel, the dry-dock owner's representatives and consultants from the Netherlands and working under intense time constraints. The asbestos abatement project was successfully completed within eleven (11) working days. Air monitoring and onboard asbestos

consulting continued for an additional six (6) weeks while renovations to the ship were completed.

Conducted an asbestos survey of over 2 million square feet of space within four (4) buildings of the Broward County Judicial Complex in downtown Fort Lauderdale, Florida. The laboratory results were incorporated into a 10,000-entry interactive database for the County's use.

Lead Based Paint

Provided project management and performed lead-based paint (LBP) inspections within the interior and exterior of eight (8) single-family residences in conjunction with Miami-Dade County Community Action Agency Senior Housing Assistance Repair Program (SHARPs). The LBP inspections were performed as per the survey methodology established by U.S. Department of Housing and Urban Development (HUD). Several hundred lead-based paint samples were collected and reports for each residence were generated. LBP was identified in three (3) of the eight homes inspected.

Using XRF technology, performed a LBP inspection to identify surfaces coated with LBP at the John Pennekamp State Park Observation Deck in Key Largo, Florida. The inspection was conducted to determine the presence of LBP prior to commencing with the planned renovation or demolition activities. No lead based paint was identified.

Hazardous Materials Identification and Disposal

Provided project management and asbestos / lead / hazardous materials consulting for debris removal on approximately 150 acres of largely undeveloped land and swamp. The site was located in Louisiana and owned by the Bureau of Land Management. The site was surveyed using all terrain vehicles in a methodical search pattern. An inventory of the debris was done and documented with photographs and on aerial maps. Samples of suspect asbestos containing materials were collected. The results of identification and sample results were utilized by the abatement contractor to properly dispose of the illegally dumped debris and waste.

Project manager responsible for the oversight of removal of lead contaminated soil at Patrick's Air Force Base. The project consisted of the demolition of an existing small arms firing range and excavation and disposal of lead contaminated soil. The demolition debris was sampled to determine if it was a characteristic hazardous waste. Initial and periodic personal air monitoring was conducted during remediation activities to assist in the evaluation of exposure levels and the selection of appropriate respiratory protection. Background samples were placed in the vicinity of excavation activities to evaluate the potential exposure to intermittent site visitors. Daily air monitoring was conducted for lead to evaluate if the remediation activities were within the EPA's National Ambient Air Quality Standards. Each soil pile was sampled for disposal purposes and confirmation soil samples were collected from the excavation to confirm that all lead impacted soils were removed from the site.

Corrosive Drywall

Provided project management and conducted fieldwork to determine the presence of Corrosive drywall in sixty (60) homes within a residential development in Broward County, Florida. The scope of the inspections included: documentation of the presence of odors, visual inspection of the air handler, electrical panel, representative switches and outlets and potentially impacted appliances, wall cavity examination using a boroscope, field screening for hydrogen sulfide using a Jerome H2S Analyzer and air and drywall laboratory sample collection for analysis. Corrosive drywall was identified within several of the inspected residences. The remaining units were determined to be impacted by hydrogen sulfide gasses associated with the stagnant water system.

Industrial Hygiene
Conducted personnel monitoring to evaluate airborne contaminant concentrations and personal exposure levels to silica before and after modifications were made to a sandblasting room. The results of the laboratory sampling and analysis did not identify detectable concentrations of quartz, cristobalite or tridymite silica in the personal and area samples collected before or after modifications were made to the exhaust system in the sandblasting room.

Multi-Disciplinary Projects (Asbestos, Lead, Mold, and/or Indoor Air Quality)
Provided project management support and conducted fieldwork during a 6-month contract for the Florida Department of Transportation (FDOT) multi-disciplinary project. During the short contract, over 1,200 asbestos, lead-based paint and indoor air quality (IAQ) inspections were conducted. Based upon the success of the project, AirQuest was offered a continuing services agreement with the Florida's Turnpike Enterprise. AirQuest has since routinely re-inspected buildings as part of the Turnpike Operations and Maintenance practices.

Provided daily project management during asbestos and mold abatement activities for a fifty (50) unit dormitory building. Roof leaks caused mold growth throughout the building, which was finished with asbestos containing popcorn ceiling. The project involved assessing each room for the extent of damage, documenting rational for abatement for interested parties, supervising asbestos and mold abatement activities and conducting clearances.

Biohazards
Conducted food processing Hazard Analysis and Critical Control Point (HACCP) sampling for an international seafood processing company's processing plant in Miami, Florida. The scope of the inspection included surface, product and personnel sampling for the following parameters: aerobic plate count, Coliform/ E. coli, Staphylococcus aureus, Salmonella and Listeria.

AIRQUEST® ENVIRONMENTAL, INC.

Adrienne LeBlanc — Vice-President, Operations

PROFESSIONAL DISCIPLINES:

- Phase I/Phase II Environmental Site Assessments
- Green Auditing
- Corporate Social Responsibility/Sustainability Consulting
- Greenhouse Gas Inventories
- Environmental Compliance
- Indoor Air Quality
- Asbestos Survey & Abatement Oversight
- Mold Assessment & Abatement Oversight

EXPERIENCE: 11 Years

LANGUAGES:

- English
- Spanish

BIO:

For over eleven (11) years, Ms. LeBlanc has directed AirQuest's corporate administrative functions. She has been integral in the development of AirQuest's growth, including leading the advancement of all of AirQuest's Green and Corporate Social Responsibility consulting services. She has extraordinary interpersonal skills that endear her with clients and produce results. Ms. LeBlanc is AirQuest's key administrative team leader and assists the technical staff in exceeding client expectations.

Ms. LeBlanc is responsible for the day to day office operations at AirQuest. She consults with clients, prepares proposals, assigns project managers, provides project management support and assists with report generation. Administratively, Ms. LeBlanc manages AirQuest's subcontractor database, maintains AirQuest's certifications and vendor applications and assists with book-keeping and management of AirQuest's assets. Ms. LeBlanc is also AirQuest's team leader/auditor for Corporate Social Responsibility and Sustainability initiatives, integrating the efforts of our LEED®-AP consultants and technical professionals.

ASSOCIATIONS & CERTIFICATIONS

ASTM International Member #1069294,
Committee E50 on Environmental Assessment, Risk Management and Corrective Action,
Committee E60 on Sustainability,
Committee F20 on Hazardous Substances and Oil Spill Response
South Florida Association of Environmental Professionals Member
Environmental Site Assessments for Commercial Real Estate, ASTM International, 2007
Certified SSC Green Auditor, Strategic Sustainability Consulting, 2009
Greenhouse Gas Accounting Auditor, LRQA North America, 2009

SELECTED PROJECT EXPERIENCE

Sustainability

Conducted a Corporate Social Responsibility (CSR) audit for a $120 Million, 340 employee corporation based in Sunrise, Florida. Determined screening-level greenhouse gas (GHG) emissions and analyzed business functions in the following areas for CSR initiatives and opportunities: Information Technology, Procurement, Printing, Facility Design, Transportation and Community Involvement.

Asbestos

Provided project management support and report preparation, editing and scheduling during a 6-month contract for the Florida Department of Transportation (FDOT) multi-disciplinary project. During the short contract, over 1,200 asbestos, lead-based paint and indoor air quality (IAQ) reports were generated. Based upon the success of the project, AirQuest was offered a continuing services agreement with the Florida's Turnpike Enterprise. AirQuest has since routinely re-inspected buildings as part of the Turnpike Operations and Maintenance practices.

Phase I

Conducted a Phase I Environmental Site Assessment (Phase I) of a former dry cleaning facility currently operating as a convenience store in Normandy Isles, Florida. The Phase I included a current and historic aerial photographs and Sanborn Fire Insurance Map review, a site reconnaissance visit, site and adjacent properties historical review and a regulatory Miami-Dade County agency file review. Based on the findings of the Phase I, a Phase II Environmental Site Assessment (Phase II) was recommended and conducted for the site. Soil and groundwater samples were collected in several areas of the site and analyzed for petroleum contaminants. The results of the laboratory analysis indicated that one (1) soil sample was above the FAC Chapter 62-777 Soil Cleanup Target Levels (SCTLs) Commercial/ Industrial sites. Laboratory analytical results at the four (4) groundwater sampling points did not identify tested contaminants above regulated levels. AirQuest recommended performing an additional assessment to delineate the extent of the impacts and perform interim source removal activities to abate soil contamination.

Biohazards

Assisted in the food processing Hazard Analysis and Critical Control Point (HACCP) sampling strategy for an international seafood processing company's processing plant in Miami, Florida. The scope of the inspection included surface, product and personnel sampling for the following parameters: aerobic plate count, Coliform/ E. coli, Staphylococcus aureus, Salmonella and Listeria. AirQuest has a continuing service agreement to conduct HACCP sampling and report preparation every other month.

Environmental Compliance

Conducted an audit of a 27-acre university campus in North Miami Beach and created a site-specific Spill Prevention, Countermeasures and Control Plan (SPCC) as part of the facility's voluntary audit for the US Environmental Protection Agency (EPA). The report described recommended measures implemented by the facility to prevent oil discharges from occurring and prepared the facility to respond in a safe, effective and timely manner to mitigate the impacts of a discharge. Taught a mandatory SPCC training course for all pertinent facility personnel.

Indoor Air Quality

Provided project management support for an indoor air quality investigation within the City of Oakland Park City Hall. The scope of the investigation included a visual survey, a moisture survey, air sampling to identify airborne fungal particulate, tape lift sample collection to identify mold growth on surfaces and the collection of readings for temperature, relative humidity, carbon monoxide, carbon dioxide, volatile organic compounds (VOCs) and total airborne particulate levels. Visible mold, water damaged building materials and elevated moisture meter readings were identified and documented in a comprehensive report. Appropriate and cost-effective remediation recommendations were made.

AIR QUEST ENVIRONMENTAL, INC.

Laura Toomey Jones, CIEC — Project Manager

PROFESSIONAL DISCIPLINES:

- Indoor Air Quality
- Asbestos
- Industrial Hygiene
- Contamination Assessments
- Mold Assessment and Remediation

EXPERIENCE: 11 Years

EDUCATION:

Bachelor of Arts Degree Biology, January 2000
University of South Florida, Tampa, Florida

BIO:

Laura Toomey Jones has over 11 years of experience in facility environmental consulting, including managing industrial hygiene, asbestos and indoor air quality projects.

Ms. Jones' familiarity with local, state and federal regulations including AHERA, NESHAP, and OSHA regulations make her an expert in the area of health and safety and environmental services. As Project Manager on many complex projects, Ms. Jones has gained valuable experience and knowledge. Many of her projects are performed in hospitals, schools and other institutional facilities with regulated restrictions and sensitive occupants.

REGISTRATIONS, LICENSES & CERTIFICATIONS

Florida Mold Assessor (#MRSA-1776, 2011)
OSHA Health and Safety Certified for Hazardous Waste Operations, 29 CRF 1910.120, 2002
NIOSH 582 Equivalency Course, 2002
AHERA Accredited Building Inspector: 206 TSCA 15 USC 2646/AHERA, 2002
AHERA Accredited Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2002
AHERA Accredited Management Planner: 206 TSCA 15 USC 2646/AHERA (not current)
AHERA Accredited Project Designer: 206 TSCA 15 USC 2646/AHERA (not current)
OSHA 30-Hour General Industry
OSHA 10-Hour General Industry Training

(The above course descriptions are for the original courses. All of the certificates are current except as noted.)

ASSOCIATIONS

Member of U.S. Green Building Council
The American Council for Accredited Certification (ACAC)
Indoor Air Quality Association

SELECTED PROJECT EXPERIENCE

Industrial Hygiene

Ms. Jones reported directly to an American Board of Industrial Hygiene (ABIH) Certified Industrial Hygienist (CIH) for eight years and has been involved with legal cases, complicated worker's compensation cases and experimental studies. Ms. Jones is detailed and diligent when conducting industrial hygiene visual inspections and sampling events.

Ms. Jones has experience with a wide array of indusial hygienist situations. She utilizes monitoring and analytical methods to determine worker exposure and assists a CIH to engineer and employ work practice controls, and other methods to control potential health hazards. Industrial hygiene monitoring that Ms. Jones has conducted includes: particulates, chemicals, noise, ergonomics, VOCs, site safety assessments and more.

Her project expertise includes: silica sampling related to worker's compensation claims, noise surveys to meet city statues, hexavalent chromium sampling for a major manufacturer, and CO_2 sampling for a major beverage company.

Asbestos

AHERA Re-Inspections and Management Plans

Since 2002, Ms. Jones has worked two major school districts for AHERA compliance. She has conducted over 300 inspections and managed a team of inspectors. As an experienced Management Planner, she reviews prior AHERA Management Plans, previous re-inspection reports, sampling, and other necessary records and reports and compiles the Management Plans.

AHERA Project Design

Ms. Jones has drafted the specifications for many clients including schools and hospitals. The designs have included abatement strategy, diagrams, and contractor bid documents. As well as the main compliance and safety of the abatement workers, the specifications addressed such obstacles as cordoning off the work areas so functional spaces that do not need to be inaccessible are accessible to the client. Designs also incorporated cost-efficiency and collaboration with general contractors and sub-contractors to keep the construction project on schedule.

Asbestos Survey and NESHAP Pre-Demolition Asbestos Inspection

Ms. Jones supervises a team of inspectors who visually inspect materials, determine homogeneous areas, and collect appropriate number of bulk samples. The quantity, location, and friability of ACM are reported and Ms. Jones prepares recommendations for proper handling of building materials affected by planned demolition or subject to NESHAP regulations.

Asbestos Consulting Services: Contract Administration

Often, Ms. Jones is involved with a project for a long period of time prior to field work. This includes coordinating with contractors, regulators and staff. She provides Contract Administration, reviews Contractors' Regulatory Agency notifications for completeness and accuracy, schedule projects to meet schedules and prepares and reviews invoices.

Health and Safety

Ms. Jones worked on the BP Deep Horizon Oil Spill Response April 2012-April 2013 as a Safety Professional. Responsibilities as the onsite safety representative for BP Gulf Coast included: site and personnel audits, incident response and reporting, Job Safety Environmental Analyses, and training of workers.

Occupational Safety & Health Administration (OSHA) Competent Person during complex demolition projects, acting as the onsite Health and Safety officer for hazardous material removal and drafting Specifications (Project Designer) that includes an Onsite Health and Safety Plan.

Onsite Health and Safety Officer for numerous renovation and demolition projects for schools and hospitals. Responsibilities included: leading tailgate safety meetings, conducting site specific safety audits, ensuring the safety of individuals onsite, and reporting incidents to the Corporate Health and Safety Officer.

Worked as the onsite Health and Safety Officer during aluminum sulfate removal for the Pike Utilities Brownfield site where she was responsible for observing safety behaviors, acted as the liaison between the Contractor and County officials and ensured proper handling and disposal of the contaminate.

Managed the safety of a team of consultants on the Gulf Coast after Hurricane Katrina. The unique safety issues after the disaster, including biological and electrical hazards, proved to be unique concerns and worked with the Center of Disease Control (CDC) and OSHA to ensure the security of the onsite personnel.

Conducted health and safety management for a team of consultants working on the I-595 Expansion Project. The work areas for the team included highway and canal sites. Maintenance of Traffic (MOT) and a local knowledge of protected species and dangerous species were essential for project success.

Working closely with the Florida Department of Transportation (FDOT), conducted Health and Safety and MOT for over 30 bridge inspections. The bridges ranged from drawbridges to major overpasses and included multiple subcontractors. Onsite safety and environmental compliance manager and the MOT organizer. Responsible for the safety of personnel while utilizing lifts and under bridge inspection trucks.

For over three months was the onsite coordinator for a major Florida Power and Light construction project which was conducted in numerous power substations. The construction project included various subcontractors was responsible for their safety while working around the electrical equipment since it was not possible to conduct electrical shut-down during the project. The sub-contractors used concrete mixing equipment, front loaders and other large equipment in the tight and critical spaces of the sub-stations.

Conducted oversight of asbestos abatement for CSX Transportation and conducted On-Track Worker training. The abatement was conducted just off the railway tracks and responsibilities included OSHA and EPA compliance and most importantly, the safety of the personnel.

Indoor Air Quality

Ms. Jones' Indoor Air Quality assessment experience includes management of projects from the initial assessment through closeout documentation of remediation projects. She is experienced in the following sampling assessment procedures:

- Bio-aerosol sampling including single stage impaction sampling for viable fungi and bacteria, and Air-O-Cell® sampling for viable and non-viable fungi
- ASHRAE comfort parameter screening
- Bulk and surface sampling including swab, tape and micro-vacuum sampling for viable and non-viable fungi, bacteria, dust mites, and pet dander
- Moisture intrusion investigations
- HVAC inspection and evaluation
- Remediation recommendations and reporting
- Post remediation clearance testing and assessment

Ms. Jones is experienced in emergency response for buildings sustaining heavy physical damage from hurricanes and assisted Palm Beach County and the Palm Beach County School District as a first responder during the 2004/2005 hurricane season. She conducted surveys to determine levels flooding, disturbance of asbestos and remediation oversight efforts prior to restoring occupancy and operations.

Phase I Environmental Assessments and Due Diligence Investigations

Performed multi-disciplinary due diligence investigations (Phase I Environmental Assessments, Phase II Environmental Assessments, Transaction Screens, lead based paint surveys, radon surveys, asbestos surveys). Due diligence investigations conducted in accordance with the applicable ASTM Standard, client standard, certification requirements and/or exceeding industry standards.

Preparation of an extensive Phase I Environmental Assessment for multiple facilities for a major financial institution across the southeast United States. The Phase I Environmental Assessments included a current and historic aerial photograph and Sanborn Fire Insurance Map review, aerial site reconnaissance, site reconnaissance, site and adjacent properties historical review, and several regulatory agency file reviews.

AIRQUEST ENVIRONMENTAL, INC.

GEORGE RAIMUNDO — FIELD SUPERVISOR

PROFESSIONAL DISCIPLINES:

Professional Disciplines:

- Asbestos Survey
- Abatement Oversight

EXPERIENCE: 6 Years

LANGUAGES:

- English
- Portuguese
- Spanish

BIO:

Mr. Raimundo has six (6) years experience providing asbestos contracting and consulting services in the United States and Europe. He was formerly a managing partner for RISKALERT, Lda, an asbestos removal contracting firm in Portugal. At AirQuest, Mr. Raimundo conducts asbestos surveying and abatement oversight projects for our contracts with Miami-Dade County Public Schools, the School Board of Broward County and the Florida Department of Transportation.

REGISTRATIONS, LICENSES & CERTIFICATIONS

Asbestos Building Inspector: 206 TSCA 15 USC 2646/AHERA, 2012
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2012
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2013
NIOSH 582 Equivalency Course, 2012
Proficiency Certificate in Management of Asbestos in Buildings-BOHS, United Kingdom, 2008
Proficiency Certificate in Building Surveys and Bulk-BOHS, Sampling for Asbestos, United Kingdom, 2008

(The above course descriptions are for the original courses. The requisite annual courses have been taken as required to maintain certifications. All of the certificates are current.)

SELECTED PROJECT EXPERIENCE

Asbestos

Conducted an asbestos survey of numerous buildings pending demolition on behalf of the Florida Department of Transportation as part of the Right of Way acquisition on State Road 7. The surveys were destructive in nature and identified Category I Non-Friable, Category II Non Friable and Regulated Asbestos Containing Materials in accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAPs).

Conducted an asbestos survey of select areas of the Westfield Broward Mall in Plantation, Florida. Areas surveyed included: thirteen (13) food court spaces, fifteen (15) storage areas, ten (10) tenant spaces, one (1) tenant kiosk, two (2) restrooms, mall common areas (food court seating, three (3) concourse areas and a rear corridor), select exterior areas, and select roof areas. The results were incorporated into a comprehensive report, which was submitted to Broward County for permitting and environmental compliance.

AIRQUEST ENVIRONMENTAL, INC.

PEDRO ROLANDO RODAS — FIELD SUPERVISOR

PROFESSIONAL DISCIPLINES:

- Asbestos Survey & Abatement Oversight
- Mold Assessment & Abatement Oversight
- Indoor Air Quality
- Lead Based Paint
- Asbestos Survey & Abatement Oversight

EXPERIENCE: 11 Years

LANGUAGES:

- English
- Spanish

BIO:

Mr. Rodas has eleven (11) years experience providing environmental contracting and consulting services throughout the United States. He is skilled at managing large remediation projects in sensitive areas on behalf of AirQuest's state and federal clients.

REGISTRATIONS, LICENSES & CERTIFICATIONS

NIOSH 582 Equivalency Course, 2002
Asbestos Building Inspector: 206 TSCA 15 USC 2646/AHERA, 2012
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2012
Asbestos Abatement Worker: 206 TSCA 15 USC 2646/AHERA, 2001 only
Asbestos Building Inspector: 206 TSCA 15 USC 2646/AHERA, 2007 only
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2007 only
EPA Lead Inspector, 2011
American Industrial Hygiene Association Asbestos Analyst Registry Analyst #9393, 2013
Asbestos Project Monitor, State of Tennessee #A-PM-81447-31778, 2013

(The above course descriptions are for the original courses. The requisite annual courses have been taken as required to maintain certifications. All of the certificates are current.)

SELECTED PROJECT EXPERIENCE

Asbestos & Lead Abatement Oversight

Provided asbestos and lead based paint abatement oversight at the Air Route Traffic Control Center in Jacksonville, Florida on behalf of the Federal Aviation Administration (FAA). The facility was staffed 24 hours a day and required continuous area air monitoring during the abatement activities. Abatement was coordinated with the abatement contractor, FAA management personnel and union representatives. 100% of the quality control / quality assurance samples analyzed onsite by Mr. Rodas were within confidence limits when compared to analysis in a laboratory by an American Industrial Hygiene Association (AIHA) Asbestos Analyst Registry (AAR).

Lead Based Paint

Provided project management and performed lead-based paint (LBP) inspections within the interior and exterior of dozens of single-family residences for the City of Sunrise and the City of Miami Gardens. The LBP inspections were performed as per the survey methodology established by U.S. Department of Housing and Urban Development (HUD). Several hundred lead-based paint samples were collected and reports for each residence were generated.

Using XRF technology, performed an inspection to identify surfaces coated with lead based paint (LBP) on the interior and exterior of a multi-family residence located in Opa Locka, Florida. The inspection was conducted to determine the presence of LBP prior to commencing with the planned renovation activities. No lead based paint was identified.

AIRQUEST ENVIRONMENTAL, INC.

ROSS LEBLANC

Project Manager

PROFESSIONAL DISCIPLINES:

- Asbestos
- Human Resources
- Recruitment
- Project Management
- Indoor Air Quality
- Industrial Hygiene

EXPERIENCE: 43 Years

EDUCATION:

Bachelor of Arts, 1972
SUNY Albany, New York
Associate Degree, 1970
Hudson Valley Community College, New York

BIO:

Mr. LeBlanc has thirty-eight (38) years of experience providing project management and human resources in a hospital setting. Finding that retirement did not suit him, he joined AirQuest in 2010 and began using his talents in the industrial hygiene arena on a part time basis. Mr. LeBlanc is accredited is several states for asbestos work and has provided services to numerous public entities including the School District of Miami-Dade County, the Miami Veteran's Administration and the Florida Department of Transportation. Mr. LeBlanc is one of only a few asbestos analyst registry analysts with the American Industrial Hygiene Association (AIHA).

REGISTRATIONS, LICENSES & CERTIFICATIONS

Asbestos Building Inspector: 206 TSCA 15 USC 2646/AHERA, 2013
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2012
NIOSH 582 Equivalency Course, 2012
Asbestos Project Monitor, State of New York #670239, 2013
Asbestos Project Monitor, State of Tennessee #A-PM-81443-31777, 2013
American Industrial Hygiene Association Asbestos Analyst Registry Analyst #9394, 2013
OSHA 30-Hour Construction Safety, 2014

(The above course descriptions are for the original courses. The requisite annual courses have been taken as required to maintain certifications. All of the certificates are current.)

SELECTED PROJECT EXPERIENCE

Asbestos

Conducted clearance sampling within a Veteran's Administration Hospital in Miami, Florida. The clearance was conducted following the removal of asbestos containing vinyl floor tile. Air samples were read onsite to facilitate project completion and return the area to occupancy.

Conducted asbestos abatement oversight and demolition monitoring for several Florida Department of Transportation (FDOT) Right of Way projects in FDOT District IV and District VI.

Corrosive Drywall

Determined the presence of corrosive drywall in nearly 100 units within a six (6) story residential development in Broward County, Florida. The scope of the inspections included: documentation of the presence of odors, visual inspection of the air handler, electrical panel, representative switches and outlets and potentially impacted appliances,

wall cavity examination using a boroscope, field screening for hydrogen sulfide using a Jerome H2S Analyzer and air and drywall laboratory sample collection for analysis. Corrosive drywall was identified within several of the inspected residences and in the common areas.

Mold and Indoor Air Quality

Collected air samples for laboratory analysis of mold spores in a retail establishment impacted by Superstorm Sandy. The results of the sampling and analysis indicated that the indoor air quality was compromised and additional remediation was recommended.

Industrial Hygiene

Read air samples for compliance with Occupational Safety & Health Administration (OSHA) 1926.1101. Samples are read in accordance with the National Institute of Occupational Safety & Health (NIOSH) 7400 method and reported to the client for OSHA compliance.

AIR QUEST ENVIRONMENTAL, INC.

Nicholas Nalepa — Field Technician

PROFESSIONAL DISCIPLINES:

- Asbestos Abatement Oversight
- Lead Based Paint Inspector
- Lead Based Paint Risk Assessment
- Lead Based Paint Abatement Oversight

EDUCATION:

Environmental Studies and Geography
Bachelor of Science, 2012
Florida State University
Tallahassee, Florida

Mr. Nalepa is beginning his career in the field of asbestos oversight and lead based paint inspection and assessment. He has successfully managed multiple asbestos oversight projects and has performed numerous lead based paint inspections on behalf of government entities in South Florida. Mr. Nalepa is both a certified lead based paint inspector and risk hazard assessor. Mr. Nalepa is also responsible for maintaining equipment, repairing equipment and preparing reports.

CERTIFICATIONS

Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA, 2013
NIOSH 582 Equivalency Course, 2013
EPA Lead Inspector, 2013
EPA Lead Risk Assessor, 2013
OSHA 30 Hour Construction Outreach Training, 2013

(The above course descriptions are for the original courses. The requisite annual courses have been taken as required to maintain certifications. All of the certificates are current.)

ASSOCIATIONS

Society of American Military Engineers
South Florida Association of General Contractors

SELECTED PROJECT EXPERIENCE

Abatement Oversight

Provided asbestos demolition and abatement oversight services on multiple jobsites for the Florida Department of Transportation in Miami, Florida. Oversight services were coordinated with the demolition and abatement contractor and FDOT to facilitate the expansion of Interstate 395 while maintaining the safety of the residents in the highly populated area. Asbestos containing materials that were identified and abated included plaster, vinyl floor tile and mastic, popcorn ceiling, window caulking, roofing material, and numerous mastics.

Lead Based Paint

Provided lead-based paint (LBP) inspections within exterior for Broward County schools prior to cleaning and repainting. The LBP inspections were performed as per the survey methodology established by U.S. Department of Housing and Urban Development (HUD). Several hundred lead-based paint samples were collected and reports for each residence were generated. LBP was identified in multiple schools; these results were incorporated into reports for the School Boards use.

AIR QUEST® ENVIRONMENTAL, INC.

Carol Gagnon, CIE, LEED AP® — Senior Field Scientist

PROFESSIONAL DISCIPLINES:

- Asbestos Inspection
- Asbestos Abatement Oversight
- Lead Based Paint Inspector
- Indoor Air Quality
- Mold Assessor
- Industrial Hygiene

EDUCATION:

Bachelor of Science, Biology 1993
Carroll College, Waukesha, Wisconsin

Ms. Cagnon has ten (10) years of diverse industrial hygiene and environmental consulting experience. She has extensive experience working with public agencies, including local government and school districts.

CERTIFICATIONS

Asbestos Inspection: 206 TSCA 15 USC 2646/AHERA
Asbestos Contractor/Supervisor: 206 TSCA 15 USC 2646/AHERA
NIOSH 582 Equivalency Course
EPA Lead Inspector, 2014
OSHA 40 Hour Hazardous Waste Operations and Emergency Training
State of Florida Licensed Mold Assessor

ASSOCIATIONS

United States Green Building Council
Indoor Air Quality Association

SELECTED PROJECT EXPERIENCE

AHERA Inspections

Conducted numerous asbestos 3-year inspections for Broward County Schools. Evaluated materials for friability and potential for disturbance. Identified materials not previously included in the asbestos management plan. Collected samples for laboratory analysis. Prepared reports at the direction of the client.

Asbestos Abatement Oversight

Provided asbestos demolition and abatement oversight services on multiple jobsites for the Florida Department of Transportation in Broward County, Florida. Oversight services were coordinated with the demolition and abatement contractor and FDOT to facilitate right of way expansion projects. Asbestos containing materials that were identified and abated included plaster, vinyl floor tile and mastic, popcorn ceiling, window caulking, roofing material, and numerous mastics.

COASTAL ENGINEERING CONSULTANTS INC.

Civil Engineering
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Coastal Engineering
Environmental Services

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MICHAEL F. STEPHEN, PH.D., P.G.

PRESIDENT
(239) 643 2324, EXT. 113• mstephen@cecifl.com

Qualifications Summary

President and a founding partner of Coastal Engineering Consultants, Inc., Dr. Stephen has been responsible as Principal and Senior Project Manager for the comprehensive planning, permitting, design and construction administration of major projects in the Southeast. His work has spanned a wide variety of geologic and engineering related services. He has been involved in numerous civil engineering and development projects providing professional geological input to the drainage and water management systems design, permitting, construction observations, project management of civil works, pipeline route surveys and sub-surface investigations of soils and groundwater systems. He has conducted rock and auger borings to test the foundation and excavation characteristics. Dr. Stephen has also served as Principal Scientist responsible for the coordination and management of environmental assessments, soil and groundwater analysis, site remediation, and expert witness testimony.

With over 40 years of professional experience, Dr. Stephen has conducted marine and oceanographic surveys, estuarine hydrographic surveys, marina design and permitting, water quality, and marine sediment sampling and analysis. He is an expert in the study of natural coastal and estuarine processes, beach erosion control, beach nourishment, coastal protection, and stabilization. His experience includes barrier island baseline surveys, profile and sediment sampling on the entire Florida Gulf Coast barrier island system.

Experience

A research scientist with the University of South Carolina (1973-1976), he was responsible for Statewide Coastal surveys to document erosion trends, sediment characterization, and influence of structures, jetties and groins; barrier island baseline surveys on the Florida Gulf Coast barrier island system; Geohazard mapping, sediments analysis, and coastal dynamics in the Gulf of Alaska and Southeastern Iceland; and Geophysical surveys, soil borings, and reef mapping of the Southwest Florida Coast. Dr. Stephen's varied professional experience and specialized training includes core borings and marine soils analysis for the Marco Island Beach Restoration, Charlotte County Beach Restoration, Naples Bay Mangrove Restoration, Stump Pass Inlet Navigation Channel, Wiggins Pass Yacht Club, and Louisiana's Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration and Caminada Headlands dune, beach, and marsh restoration.

Project Experience

Charlotte County Dredge Project Management Services
Blind Pass Ecosystem Restoration
Riverine Sand Mining/Scofield Island Restoration

Professional Affiliations

Geological Society of America
American Shore and Beach Preservation Association
Florida Shore and Beach Preservation Association
Florida Association of Professional Geologists

Education

B.S. Geology, University of Dayton, 1970
M.S. Marine/Engineering Geology, University of Southern California, 1973
Ph.D. Coastal Geology, University of South Carolina, 1981
Licensed Professional Geologist, State of Florida No. 321, 1988

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MICHAEL T. POFF, P.E.

PRINCIPAL, VICE PRESIDENT OF ENGINEERING
239 643 2324, EXT. 126 • mpoff@cecifl.com

Qualifications Summary

Mr. Poff has over 25 years of professional experience providing Project Management, Civil Design, Coastal Engineering Design, Environmental Permitting, and Marine Survey Services throughout the Gulf region including Charlotte County Erosion Control, Blind Pass Restoration, Bay Joe Wise Headland Barrier Island Restoration, Clam Pass Beach Park Expansion, and Southwest Florida Regional Waterway Management. Mr. Poff is well versed in County, State and Federal regulations and codes governing development. He has provided funding coordination and public education services for many local and State governments throughout the region.

As a Principal and Vice President of Engineering, Mr. Poff is in responsible charge of a team of engineers, geologists, environmental scientists, marine surveyors, designers, technicians and administrative personnel with an annual corporate budget in excess of $3,000,000 dollars. His management responsibilities include client coordination, project funding coordination, public education, civic group representation, marketing, proposals, contracts, and coordination with CEC's other divisions.

Mr. Poff's specific engineering responsibilities include construction plans and specifications, contract administration, contractor coordination and negotiation, cost estimating, pay requests and change orders, permit coordination, funding assistance coordination, cost to benefit economic analyses and construction observations. His design experience includes drainage, sewer and water utility design; municipal and commercial site plan design and permitting; residential subdivision design and permitting; beach, dune, and marsh fill layouts; borrow area geometry; inlet and navigation channel dredge templates; channel markers; coastal structures such as groins, jetties and revetments; beachfront stormwater drainage; and dune vegetation.

CEC performs marine surveys in-house and Mr. Poff has conducted and provided control consisting of navigation channels, beach profiling, hardbottom mapping and vibracore sampling. His environmental permitting projects include dredge and fill; coastal construction control; sea turtle, shorebird, smalltooth sawfish, and manatee protection; mitigation planning, and ecosystem restoration. Mr. Poff also oversees the design, permitting and construction of waterfront development projects. His specific duties include marina facility design, boat slip layout, mooring fields, shoreline armoring, developing endangered species protection plans, and environmental surveys.

Project Experience

SFWMD Canal Conveyance Program
WCIND Regional Inlet and Waterway Management
Riverine Sand Mining/Scofield Island Restoration

Professional Affiliations

American Society of Civil Engineers
American Shore and Beach Preservation Association
Florida Shore and Beach Preservation Association
Florida Sea Grant Advisory Council (2008-2012)
Florida Engineering Society / Florida Institute of Consulting Engineers Leadership Institute

Education

B.S. Civil Engineering, University of Delaware, 1988
Environmental Law, Stockton State College, New Jersey 1990 to 1991
M.S. Coastal Engineering, University of Delaware, 1993
Licensed Professional Engineer, State of Florida No. 48218, 1994
Licensed Professional Engineer, State of Louisiana No. 30048, 2002
Licensed Professional Engineer, State of Alabama No. 33740-E, 2013

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VADIM V. ALYMOV, Ph.D.

PROJECT ENGINEER AND COASTAL MODELER
(239) 643-2324, EXT. 151 • valymov@cecifl.com

Qualifications Summary

Dr. Alymov presently holds the position of Coastal Modeler for the Coastal Engineering Division and has 13 years of coastal modeling experience.

His responsibilities include numerical modeling of wave refraction, wave dynamics, circulation, hurricane-induced storm surge and inundation, flushing, tidal and channel hydraulics, coastal sediment transport, shoreline change and beach erosion, prediction of performance of beach restoration and borrow area projects, development of sediment budgets, as well as compilation and analysis of wave, wind, tide, and survey data.

His design and administration duties include borrow area and fill template design, project scheduling, cost estimating, design computations, technical reports, and maps, hydrological characterization, plans and specifications, environmental impact studies, and utilization of computer-assisted and design software to prepare engineering and design documents.

Dr. Alymov served as a coastal modeler for the Sarasota County, Florida, Comprehensive Inlet Management Program Project and predicted the impact of various inlet management alternatives on water flow through Big Sarasota Pass and New Pass. The results of the study were presented at the 2008 National Conference on Beach Preservation Technology.

His recent modeling projects include modeling and analysis of sediment transport and morphologic changes that result from implementation of beach fill and structural alternative scenarios in South Marco Island and Hideaway Beach in Collier County, Florida. The analyzed structures included groins, T-groins, breakwaters, and jetty relocation. The results of the South Marco Island study were presented at the 2012 National Conference on Beach Preservation Technology

Dr. Alymov has extensive experience in computer programming using the Fortran and C programming languages. He has used a wide variety of numerical models including ADCIRC, CMS-Flow2D, CMS-Wave, CH3D, SBEACH, GENESIS, and HEC-RAS. His choice of computer software aimed at data processing, analysis and visualization include ArcGIS, Octave, MATLAB, Tecplot, Surfer, and HYPACK.

Project Experience
SFWMD Canal Conveyance Program
WCIND Regional Inlet and Waterway Management
Riverine Sand Mining/Scofield Island Restoration

Professional Affiliations
American Society of Civil Engineers

Education
B.S. in Applied Mathematics, Altai State University, Russia, 1996
M.S. in Coastal Engineering, University of Florida, 1999
Ph.D. in Coastal Engineering, University of Florida, 2005

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RICHARD J. EWING, P.S.M.

VICE PRESIDENT SURVEY AND MAPPING
(239) 643-2324 x 127 • (239) 285-3788 • **rewing@cecifl.com**

Qualifications Summary

Mr. Ewing presently holds the position of Vice-President and Professional Surveyor and Mapper with Coastal Engineering Consultants, Inc. (CEC) and has been appointed Principal status within the firm. He has over 30 years of surveying experience. He has provided and currently specializes in surveying services for municipal agencies which include State land boundary acquisition surveys, appraisal mapping using aerial photography, conducting tidal studies, and performing topographic and bathymetric surveys. He is also active in the private sector providing residential and commercial boundary and construction stake out services.

Mr. Ewing oversees all of CEC's all survey and mapping services. His work involves the day to day scheduling of field crews, coordination with engineering design teams, researching survey control, confirming survey set-up and field layouts, and cross-checking as-builts associated with construction projects.

Mr. Ewing also continues to assist with CEC's hydrographic and marine related surveys that extend throughout South Florida. He is responsible for reviewing all field collected data and ensuring its accuracy.

Prior to Coastal Engineering Consultants, Inc., Mr. Ewing was Survey Senior Crew Chief with Perry Hand & Associates located in Birmingham, Alabama. His responsibilities included scheduling and coordinating survey crews, performing sectional boundary surveys, and construction staking for large residential projects.

Project Experience

His Project Experience includes:

- Sunset Marina Condominiums
- 2013 Devil's Garden Parcel-Everglades Restoration Boundary and Topographic Surveys
- 2013 FDEP Cayo Costa State Park Boundary Survey
- 2013 FDEP Fakahatchee Strand Preserve State Park Boundary Survey
- 2012 Alligator Creek Monitoring Survey
- 2012 FDEP Keohane Parcel Boundary Survey
- 2008-2010 SFWMD Canal Conveyance Hydrographic Surveys
- 2003-Present Charlotte County Erosion Control Project Construction Surveys

Professional Registrations

Licensed Professional Surveyor and Mapper, 1993 State of Florida No. 5295
Licensed Professional Surveyor and Mapper, 2009 State of Louisiana No. 5016

Professional Affiliations

Florida Surveying and Mapping Society

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MARK A. KINCAID, P.E.

SENIOR ENGINEER
(239) 643-2324, Ext. 128 • MKincaid@cecifl.com

Qualifications Summary

Mr. Kincaid is CEC's Senior Engineer and has over 28 years of professional experience providing project management, marine engineering, marine structure design and repair plans, subaqueous utilities, marine surveying and environmental permitting. His marine engineering experience includes waterway management; channel marker plans; maintenance dredging design, permitting, mitigation and monitoring; mooring field design, permitting, anchor testing, construction management, and post-construction monitoring and maintenance; and water control structure and bridge inspections. His work has spanned a variety of engineering services, including:

- Underwater structural inspections;
- Hydrographic/bathymetric surveys;
- Geophysical surveys and sediment sampling;
- Marina facilities design/repair;
- Waterfront park and recreational facilities design/repair;
- Shoreline / armoring structures design/repair; and
- Environmental permitting and funding technical support.

Mr. Kincaid's design engineering duties consist of preparing construction plans and technical specifications; cost estimating design and repair design; and coordinating permit agency requirements. His field engineering responsibilities include marine surveying, underwater inspections, biological surveys and species identification, deployment of hydrographic instrumentation, marine structure inspections including above and below water, and construction observations. The marine survey projects consist of bays, intracoastal waterways, inlets, shoals, navigation channels, beach profiling, hardbottom mapping. His environmental permitting projects include dredge and fill, coastal construction control, sea turtle and manatee protection, mitigation planning, and erosion control and shoreline stabilization. Mr. Kincaid's project management responsibilities are client coordination, marketing, proposal writing, and technical staff supervision.

Project Experience

Blind Pass Ecosystem Restoration
SFWMD Canal Conveyance Program
WCIND Regional Inlet and Waterway Management

Education

BS Ocean Engineering, Florida Atlantic University, 1985
A.S. Oceanographic Technology, FL Inst. Tech., 1982
Licensed Professional Engineer, State of Florida No. 58654, 2002

Professional Affiliations

Florida Engineering Society
Association of Diving Contractors
American Society of Civil Engineers
US Coast Guard Master -100 tons
PADI Master Diver

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KRIS W. THOEMKE, PH.D., CEP

SENIOR ASSOCIATE SCIENTIST
(239) 643-2324, Ext. 156 • kthoemke@cecifl.com

Qualifications Summary

Dr. Thoemke has 35 years of professional experience providing natural resource assessment and management and environmental permitting and monitoring services in coastal environments. He has decades of field experience assessing, restoring and monitoring marine and estuarine habitats and conducting similar work in related freshwater and upland habitats. His broad range of experience with coastal and marine ecosystems, knowledge of the connections among these ecosystems and past public involvement uniquely qualifies him to conduct all types of ecological surveys, serve as a Project Manager, prepare state and federal environmental permits and prepare Environmental Impact Statements.

Earlier in his career, he served as a researcher and manager of the Rookery Bay National Estuarine Research Reserve, marine ecological consultant, free-lance environmental and outdoor communicator and wetland ecologist working on Everglades restoration issues. Prior to becoming CEC's Senior Scientist he was Program Chair and professor teaching environmental management, ecology, natural resource management and permitting and compliance at the graduate level. These experiences serve to enhance his in-depth understanding of ecosystem functions and expand his knowledge of county, state and federal regulations and codes related to environmental issues.

In estuarine and marine environments, Dr. Thoemke's expertise in natural resource management and environmental permitting and monitoring includes: conducting submerged biological resource and listed species evaluations and surveys; developing and implementing resource monitoring programs; conducting assessments of seagrass, hard bottom and soft bottom communities; conducting Essential Fish Habitats assessments, preparing, processing and obtaining state, federal and local environmental permits; conducting wetland delineations; turbidity monitoring; preparing detailed vegetation assessments and maps; researching and preparing environmental due diligence reports; performing flora and fauna surveys of coastal and related upland habitats; designing, permitting and monitoring of wetland and related upland mitigation activities; assessing project compliance with state and federal ERP permits; and contract administration and project management services.

Education/Certifications

BS, Zoology, University of Maryland, 1973
PhD, Biology, University of South Florida, 1979
Certified Environmental Professional (#05005350), 2005
Authorized Gopher Tortoise Agent - Florida (License # GTA-09-00294)

Professional Affiliations

Academy of Board Certified Environmental Professionals
National Association of Environmental Professionals
Florida Association of Environmental Professionals
Outdoor Writers Association of America

Appendix IV – Project Fact Sheets

AIRQUEST® ENVIRONMENTAL, INC. | 6851 Southwest 45th Street Fort Lauderdale, FL 33314 | (877) 247-8146 (954) 792-4549 | www.AirQuestInc.com fax: (954) 792-2221

Police Athletic Building and Stable Key West, Florida

PROJECT FACTSHEET

PROJECT:

City of Key West Police Athletic Building and Stable.

SCOPE:

Pre-demolition asbestos, lead-based paint and hazardous materials surveys and report preparation.

CLIENT:	City of Key West 3140 Flagler Avenue Key West, FL. 33040
CONTACT:	J. Michael Vieux mvieux@keywestcity.com 305-809-3964
LOCATION:	Key West, Florida
DURATION:	March 2014 – April 2014
COST:	$3,630

DESCRIPTION:

AirQuest was contracted by City of Key West to provide professional asbestos, lead based paint, and hazardous materials consulting services prior to demolition for the Police Athletic League and Stable Building in Key West, Florida.

The results of the asbestos survey indicated that non-friable asbestos containing black mirror mastic, gold duct mastic, built-up bituminous roofing, roofing mastic and friable asbestos containing pipe and elbow wrapping and associated compound were found in the samples collected at the site.

Lead based paint was identified in the white ceramic wall in the front office and weight room of the PAL Building. The pink paint used on northeast and southwest walls and the white paint on exterior soffit and fascia of the northeast and southwest walls of the Stable also tested positive.

The results of the hazardous materials survey quantified the number and types of materials suitable for recycling and/or requiring special disposal procedures such as mercury containing fixtures, batteries, and fluorescent lighting.

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Real Estate Development Support for a Municipality

PROJECT FACTSHEET

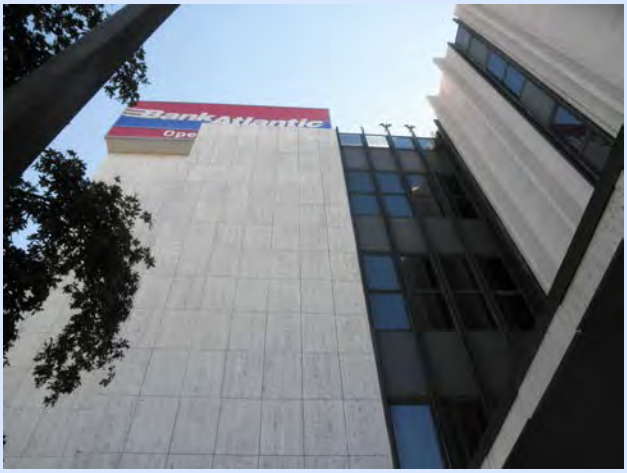
PROJECT:

Due diligence investigation of a former bank owned property for acquisition by a municipality.

SCOPE:

Provide a Phase I Environmental Site Assessment in accordance with ASTM E 1527-05, Standard Practice for Environmental Site Assessments, and Indoor Air Quality Survey and a Pre-Transaction Asbestos Screening.

CLIENT:	City of Lauderhill
CONTACT:	Martin Cala
LOCATION:	Lauderhill, FL
DURATION:	3 Weeks



DESCRIPTION:

AirQuest conducted a Phase I Environmental Site Assessment (Phase I) of a four-story commercial building operating as a bank branch in Lauderhill, Florida. The Phase I included a current and historic aerial photographs and Sanborn Fire Insurance Map review, a site reconnaissance visit, site and adjacent properties historical review and a regulatory Broward County agency file review. Based on the findings of the Phase I, a regulated underground storage tank, two elevator lifts and four monitoring wells were identified on the subject property. It was determined that the subject property was at a low risk of environmental impairment.

Areas of visible mold and water damaged building materials were identified during the investigation. Additional investigation was recommended into the indoor air quality concerns. The asbestos screening identified friable asbestos containing popcorn ceiling and non-friable asbestos containing vinyl floor sheeting and mastic beneath vinyl floor tile.

Lead Based Paint Consulting for a Municipality

PROJECT FACTSHEET

PROJECT:

Term Contract for Lead Based Paint Consulting in Support of Neighborhood Improvement Programs.

SCOPE:

Provided lead-based paint inspections, risk assessments and clearances to single-family residences on an "as-needed" basis as part of the City's Beautification Program.

CLIENT:	City of Miami Gardens
CONTACT:	Chaunte Murillo
LOCATION:	Miami Gardens, FL
DURATION:	Ongoing since contract was awarded in January 2010. Typical assignment lasts 2-3 weeks.
COST:	$58,000 as of July 2014

DESCRIPTION:

The lead-based inspections and risk assessments were conducted by an EPA Certified Lead-Based Paint Inspector and Risk Assessors. The results were summarized in a signed and certified report identifying all building components that have lead-based paint and that are a lead-based paint hazard, as well as all building components that have lead-based paint and that are not a lead-based paint hazard.

At the request of the City, AirQuest also conducted lead hazard control sampling to indicate whether a residence has passed or failed a clearance test. AirQuest performed all work in accordance with Federal (HUD), State and Local lead-based paint regulations.

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Assessment and Remediation of a Gas Station

PROJECT FACTSHEET

PROJECT:

Response to a regulatory action against a gasoline service station for petroleum product contamination.

SCOPE:

Initial remedial action, underground storage tank repair, contamination assessment, natural attenuation monitoring only plan.

CLIENT:	Jose Alvarez 2500 NW 107th Avenue Miami, Florida
CONTACT:	Jose Alvarez (305) 609-8816
LOCATION:	Doral, Florida
COST:	$60,000
DURATION:	4 Years

DESCRIPTION:

A Notice of Violation (NOV) was issued by the Miami-Dade County Department of Environmental Resources Management (DERM) requiring assessment and remediation of the service station. The NOV was the result of a leak from the fill port of a diesel Underground Storage Tank (UST).

The initial remedial action included the pumping and treatment of free-floating product from two (2) compliance monitoring wells and replacement of the spill bucket/fill port.

Contamination assessment activities included the advancement of soil borings and installation of monitoring wells to obtain samples and delineate the extent of the subsurface plume. Due to the success of the initial remediation, the assessment report recommended a Natural Attenuation Monitoring Only Plan (MOP). Upon analysis and verification, the MOP was approved. After a year of groundwater monitoring, a No Further Action (NFA) was approved for the site.

Phase I Environmental Site Assessment: Rail Spur

PROJECT FACTSHEET

PROJECT:

The City of Fort Lauderdale required Phase I Environmental Site Assessment prior to land acquisition.

SCOPE:

Conduct a Phase I Environmental Site Assessment in accordance with ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for the purpose of identifying Recognized Environmental Conditions (RECs) as defined in the ASTM Standard.

CLIENT:	City of Fort Lauderdale Miller Legg (Prime Consultant)
CONTACT:	Dylan Larson, PWS, CEP (954) 436-7000 dlarson@millerlegg.com
LOCATION:	Fort Lauderdale, FL
DURATION:	3 Weeks

DESCRIPTION:

AirQuest conducted a Phase I Environmental Site Assessment (Phase I) of an ethanol fuel transfer station and a 4-acre railspur in Fort Lauderdale, Florida. The Phase I included a current and historic aerial photographs and Sanborn Fire Insurance Map review, a site reconnaissance visit, site and adjacent properties historical review and a regulatory agency file review.

Based on the findings of the Phase I, Recognized Environmental Conditions (RECs) were identified: the current and historic use of portions of the subject property as a rail spur and associated transfer of unknown cargo. The fuel transfer activities and stained soil observed under the off-loading hose on the railroad tracks on the subject property were also an REC.

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Indoor Air Quality and Mold Investigation for a Municipality

PROJECT FACTSHEET

PROJECT:

Indoor Air Quality & Mold Investigation

SCOPE:

AirQuest was contracted by Craven Thompson & Associates to conduct a comprehensive indoor air quality investigation and post remediation bacterial sampling at the City of Oakland Park Public Safety Building.

CLIENT:	Craven Thompson & Associates - Prime Contractor, City of Oakland Park
CONTACT:	David C. Womacks City of Oakland Park (954) 561-6280
LOCATION:	City of Oakland Park Public Safety Building
DURATION:	2 Months

DESCRIPTION:

The survey was requested to assist the City of Oakland Park ("the City") in evaluating employee health concerns and the future use of the buildings. The investigation consisted of a visual survey, moisture survey, field analysis for key indoor air quality parameters (temperature, relative humidity, carbon dioxide, carbon monoxide, respirable particulates), a building pressurization survey and sample collection for laboratory analysis for fungal and bacterial contaminants.

Field observations identified widespread moisture intrusion and mold growth in the Broward Sherriff's Office BSO building. Localized areas of water damage and visible mold growth were observed in the Fire Department. The following parameters were generally within acceptable ranges at the time of sampling activities: temperature, relative humidity, carbon dioxide, carbon monoxide, particulates, airborne fungal concentrations.

AirQuest recommended the remediation of all water damaged and mold impacted building materials and provided the City with several interim measures to reduce employee exposure and concerns while the future use of the building was being considered. At the direction of the City, AirQuest also attended meetings, reviewed literature and prepared written guidance memorandums.

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Due Diligence and Remediation of a Convenience Store

PROJECT FACTSHEET

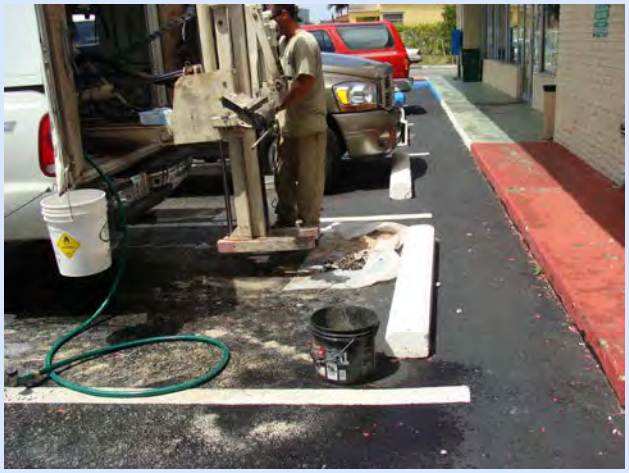
PROJECT:

Phase I and Phase II Environmental Site Assessment as part of due diligence prior to acquisition.

SCOPE:

Provide a Phase I Environmental Site Assessment in accordance with ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for the purpose of identifying Recognized Environmental Conditions (RECs) as defined in the ASTM Standard.

CLIENT:	By His Grace Construction
CONTACT:	Charles Memmott 786-942-0826
LOCATION:	Normandy Isles, FL
DURATION:	3 Weeks



DESCRIPTION:

Conducted a Phase I Environmental Site Assessment (Phase I) of a former dry cleaning facility currently operating as a convenience store in Normandy Isles, Florida. Based on the findings of the Phase I, a Phase II Environmental Site Assessment (Phase II) was recommended and conducted for the site.

Soil and groundwater samples were collected in several areas of the site and analyzed for petroleum contaminants. The results of the laboratory analysis indicated that one (1) soil sample was above the FAC Chapter 62-777 Soil Cleanup Target Levels (SCTLs) Commercial/ Industrial sites. Laboratory analytical results at the four (4) groundwater sampling points did not identify tested contaminants above regulated levels.

AirQuest recommended performing an additional assessment to delineate the extent of the impacts and interim source removal activities to abate soil contamination.

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FDOT: Baseline and Continuing Services

PROJECT FACTSHEET

PROJECT:

Baseline surveys of all of the buildings along Florida's Turnpike for asbestos, lead based paint and IAQ. Continuing environmental services contract.

SCOPE:

Perform asbestos, indoor air quality and lead based paint surveys for approximately 440 Florida Department of Transportation buildings. Provide ongoing environmental and industrial hygiene consulting services.

CLIENT:	Jacobs Engineering, Prime Contractor for Florida's Turnpike Enterprise
CONTACT:	Wayne Varga – 954/214-5080 wayne.varga@dot.state.fl.us
LOCATION:	State of Florida
DURATION:	Ongoing Since 2006. Typical Project Approximately 3 Weeks

DESCRIPTION:

In 2006, AirQuest was awarded a six (6) month contract to perform asbestos and lead based paint surveys for approximately 440 Florida Department of Transportation (FDOT) buildings along FDOT roadways throughout the State of Florida. The contract value was $300,000.

After contract award, indoor air quality surveys were added to the scope. During the short contract, over 1,200 reports were generated. The project was completed ahead of schedule and under budget, despite a 10% increase in the number of buildings and a 20% increase in the scope of work.

Based upon our performance on this contract, AirQuest was awarded two (2) continuing services agreements for environmental and industrial hygiene services. Our current contract expires in 2016.

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Assessment of an Illegal Dumping Site

PROJECT FACTSHEET

PROJECT:

Identify the magnitude of illegal dumping at an undeveloped parcel prior to redevelopment activities.

SCOPE:

AirQuest was retained to manage site clearing and to perform a series of investigations to determine the magnitude of illegal asbestos dumping prior to planned redevelopment of the site for residential use.

CLIENT:	Confidential
CONTACT:	Confidential
LOCATION:	Private Site, Opa Locka, Florida
DURATION:	2 Months

DESCRIPTION:

Eighty-three (83) test pits were advanced throughout the eight (8) acre site to evaluate the extent of asbestos containing materials. Regulated areas were constructed around each exploratory area. The exploratory areas were kept wet using water supplied from a nearby fire hydrant. Onsite personnel were protected using Tyvek® coveralls and equipped with respiratory protection. Upon completion of the exploratory pits, all material was returned to the pit.

The results of the test pit exploration indicated that asbestos containing materials were present at various locations across the site. It was determined that given the widespread documented asbestos containing materials at the site, initially all site investigations and earthwork would have to be conducted by a Florida Licensed Asbestos Abatement firm with oversight by a Florida Licensed Asbestos Consulting Business.

AirQuest attended meetings with the Dade County Department of Environmental Resources Management (DERM) to determine the most cost effective remedial solution. However, the remedial costs were such that the project did not continue.

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Bureau of Land Management / Secret Canyon Remediation

PROJECT FACTSHEET

PROJECT:

Hazardous Materials Assessment, Characterization and Remediation

SCOPE:

The scope of services included the remediation of a mercury contaminated building, demolition of the building and characterization of waste abandoned at an abandoned gold mine.

CLIENT:	Bureau of Land Management Cross Environmental Services, Inc.
CONTACT:	Jim Everett, 813/783-1688 everett@crossenv.com
LOCATION:	Eureka, Nevada
DURATION:	November 2011 and May 2012

DESCRIPTION:

The scope of services included the remediation of a mercury contaminated building, demolition of the building and characterization of waste abandoned at an abandoned gold mine.

The mine was located in a remote and desolate area of Nevada, just off of the “loneliest road in America”.

Hazardous materials included discarded batteries, lead acetate, sodium cyanide, soil contaminated with lead, and oily mixtures. Non-hazardous waste included metals contaminated soils and ore. Samples of the waste materials were collected and submitted for laboratory analysis to identify characteristic hazardous waste and develop disposal profiles.

Duplicate samples were collected due to the remote location of the site. The duplicate samples were used to further characterize the ore when initial results were found to be hazardous.

Created a remediation workplan and site specific health and safety plan for the proper remediation of the contaminated building. Provided oversight during the remediation within the warehouse building and excavation and disposal of contaminated soils. Completed profiles and manifests for proper disposal. Prepared a closure report summarizing the procedures and results of the remediation activities.

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Dry Cleaners: Phase I/Phase II Environmental Site Assessment

PROJECT FACTSHEET

PROJECT:

Phase I / Phase II Environmental Site Assessment for a Dry Cleaning Facility

SCOPE:

Conduct a Limited Phase I and Phase II Environmental Site Assessment in accordance with ASTM Standards.

CLIENT:	Community Bank of Broward
CONTACT:	Mark Huard – (954) 377-0912 mhuard@communitybankofbroward.com
LOCATION:	State of Florida
DURATION:	3 Weeks

DESCRIPTION:

AirQuest performed a Limited Phase I Environmental Site Assessment in general conformance with a reduced scope and the limitations of ASTM Practice E 1527 of a dry cleaners in Hollywood, Florida. The assessment found no evidence of recognized environmental conditions with the exception of the historical and current use of the subject property as a dry cleaner, an onsite above ground storage tank with petroleum products and site drainage to an on-site septic system. AirQuest recommended a Phase II Investigation.

The results of the Phase II identified petroleum product constituents in the groundwater at the site below regulated levels.

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Broward County Judicial Complex

PROJECT FACTSHEET

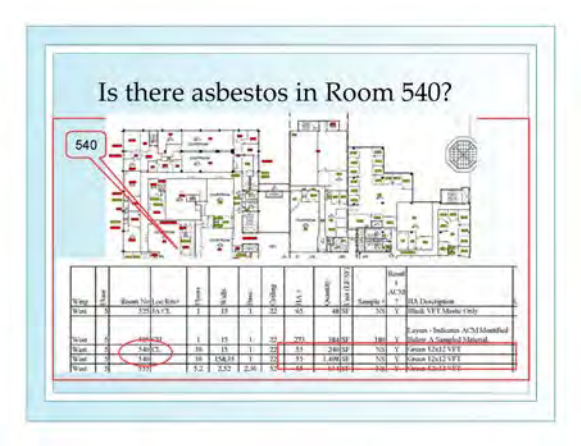
PROJECT:

Broward County Judicial Complex Clean Air Act Compliance

SCOPE:

Conduct a comprehensive asbestos survey for compliance with the National Emissions Standard for Hazardous Air Pollutants. Database the findings in a spreadsheet. Prepare an Operations and Maintenance Plan. Present findings to building occupants.

CLIENT:	Broward County Risk Management Division
CONTACT:	Jim Litrides / (954) 357-8037 jlitrides@broward.org
LOCATION:	Fort Lauderdale, Florida
DURATION:	8 Months



DESCRIPTION:

The project consisted of an asbestos survey of over 2 million square feet of space within four (4) buildings of the Broward County Judicial Complex in downtown Fort Lauderdale, Florida. The survey was requested in order to facilitate compliance with NESHAPs during ongoing renovations throughout the large complex.

To assist the building manager in properly managing the identified asbestos containing materials, the results were incorporated into a 10,000-entry interactive database for the County's use. The database included sampled materials, homogenous areas, laboratory results and all building materials identified throughout the complex on a room-by-room basis.

Following completion of the survey, AirQuest prepared an Operations and Maintenance Plan (O&M Plan) for the building manager. The O&M Plan documents procedures for the safe handling of asbestos containing materials that will be encountered during routine maintenance at the complex.

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FAA Air Route Traffic Control Center Environmental Consulting

PROJECT FACTSHEET

PROJECT:
Environmental Consulting at FAA Air Route Traffic Control Centers Throughout the United States

SCOPE:

- Asbestos Surveys
- Lead-Based Paint Surveys
- Project Design
- Asbestos and Lead-Based Paint Abatement Oversight and Air Monitoring
- Asbestos Clearances and Sample Analysis
- Lead-Based Paint Clearances
- Mold Remediation Oversight
- Mold Post Remediation Air Testing

An FDOT Disadvantaged Business Enterprise (DBE)

CLIENT: Federal Aviation Administration
Jacobs Civil Engineering (as Prime)
Greg Groves / (571) 218-1265

LOCATIONS: ZMA, ZJX, ZME, HIO, SLE and PNS

AIRQUEST PERSONNEL HAVE PASSED RIGOROUS SECURITY CLEARNACES TO WORK IN FAA FACILITIES

DESCRIPTION:

AirQuest conducted environmental consulting services in several FAA sites throughout the country, including:

- ZJX- Conducted asbestos survey, asbestos abatement oversight and clearances during and after the removal of asbestos containing materials. Conducted lead-based paint abatement oversight and clearances after the removal of lead-based paint containing materials. Conducted mold remediation oversight and post remediation testing following the removal of mold impacted materials. Work took place inside liebert area, chiller room, MOD4 and AWR2.

- ZMA & ZME - Conducted asbestos abatement oversight and clearances during and after the removal of asbestos containing materials. Work took place at basement level (including the HVAC closet and liebert areas).

- HIO and SLE- Conducted initial asbestos and lead-based paint inspections of the ATC towers prior to renovations.

- PNS- Conducted initial asbestos and lead-based paint inspection of the Glidescope shed prior to renovations.

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Patrick's Air Force Base Soil Remediation

PROJECT FACTSHEET

PROJECT:

Remediation Oversight and Soil Characterization

SCOPE:

The project consisted of the demolition of an existing small arms firing range and excavation and disposal of lead contaminated soil. A Worker Protection and Exposure Monitoring Plan, Ambient Air Monitoring Plan and Confirmatory Sampling and Analysis Plan were developed prior to site activities.

CLIENT:	Cross Environmental Services, Inc.
CONTACT:	Jim Everett, 813/783-1688 everett@crossenv.com
LOCATION:	Patrick's Air Force Base, Florida
DURATION:	December 2011 through September 2012

DESCRIPTION:

The project consisted of the demolition of an existing small arms firing range and excavation and disposal of lead contaminated soil. A Worker Protection and Exposure Monitoring Plan, Ambient Air Monitoring Plan and Confirmatory Sampling and Analysis Plan were developed prior to site activities.

The demolition debris was sampled to determine if it was a characteristic hazardous waste. Initial and periodic personal air monitoring was conducted during remediation activities to assist in the evaluation of exposure levels and the selection of appropriate respiratory protection. Background samples were placed in the vicinity of excavation activities to evaluate the potential exposure to intermittent site visitors. Daily air monitoring was conducted for lead to evaluate if the remediation activities were within the EPA's National Ambient Air Quality Standards. Each soil pile was sampled for disposal purposes and confirmation soil samples were collected from the excavation to confirm that all lead impacted soils were removed from the site.

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Bureau of Land Management / Rapides Parrish Remediation

PROJECT FACTSHEET

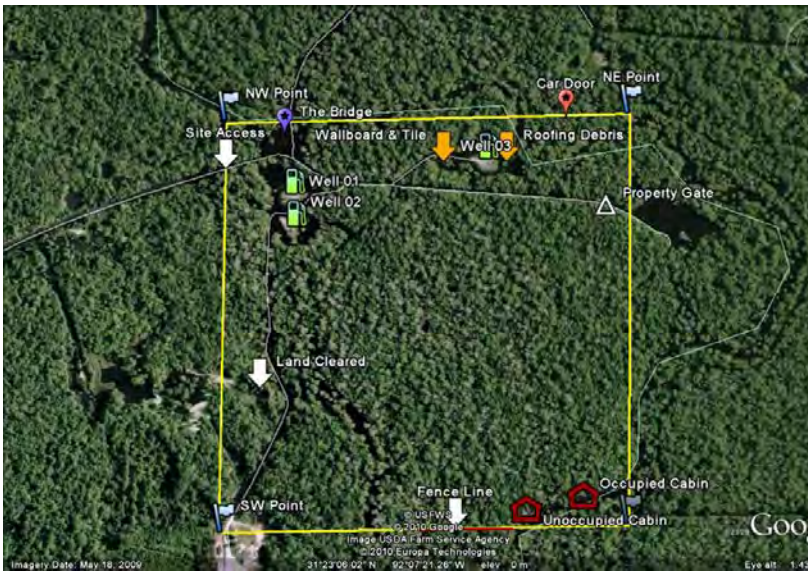
PROJECT:

Illegal Dumping Assessment and Abatement Oversight at Rapides Parrish.

SCOPE:

The scope of services included the identification and assessment of illegally dumped materials, documentation and abatement oversight.

CLIENT:	Bureau of Land Management Cross Environmental Services, Inc.
CONTACT:	Jim Everett, 813/783-1688 everett@crossenv.com
LOCATION:	Rapides Parrish, Louisiana
DURATION:	3 Weeks



DESCRIPTION:

The site was approximately 150 acres of largely undeveloped land and swamp that were owned by the Bureau of Land Management. Illegal dumping and construction of several cabins were observed throughout the site. The scope of work included identification, assessment and removal of the illegally dumped materials at the site.

The site was surveyed using all terrain vehicles in a methodical search pattern. An inventory of the larger debris identified at the site and a corresponding site map was developed. Small debris (cans, bottles, paper, etc.) was observed and collected throughout the site, but was not inventoried for the report. Photographic documentation of the activities conducted was provided.

Piles of illegally dumped vinyl floor sheeting were tested and determined to contain asbestos. These materials were removed by an abatement contractor.

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Noise Consulting for a Manufacturing Facility.

PROJECT FACTSHEET

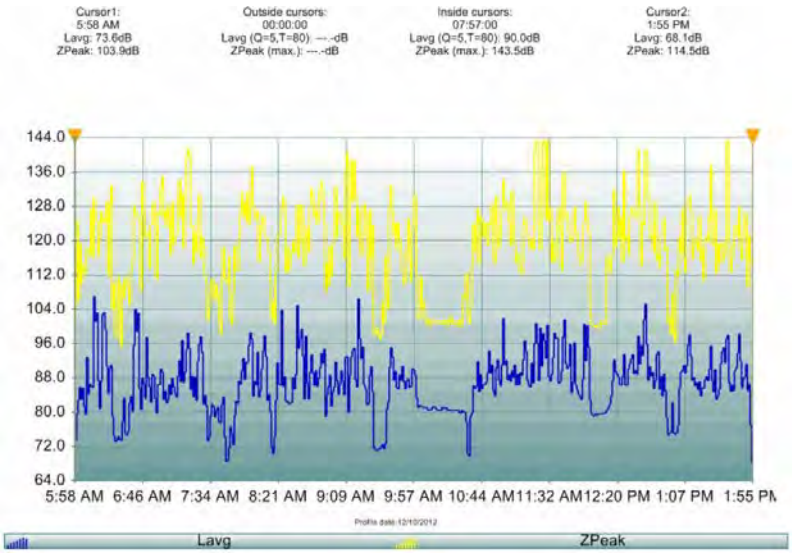
PROJECT:

Personnel Noise Sampling for Compliance with OSHA's Noise Standard.

SCOPE:

AirQuest was retained to conduct a comprehensive noise sampling within the 75,000 square foot industrial facility to determine if the noise levels exceeded known safe levels which could result in hearing loss for personnel.

CLIENT:	Square One Armoring
CONTACT:	Allan Valezquez 305/989-0236
LOCATION:	Miami, Florida
DURATION:	Two (2) weeks.
COST:	$2,400.00



DESCRIPTION:

AirQuest conducted noise sampling with the use of ten Casella CEL-350 personal noise dosimeters which were factory calibrated and field calibrated prior to use.

The AirQuest industrial hygienist moved throughout the facility during the work day observing work activities that included steel cutting, welding, hammering, grinding, sanding, painting and the removal and replacement of vehicle components. Ear plugs were used by the employees during work activities.

The results of the noise sampling found that the Time Weighted Average (TWA) or average sound level were above the Occupational Safety and Health Administration (OSHA) level of 85 db or Permissible Exposure Limit of 90 db in all but one (1) of the samples.

Following completion of the noise sampling and in accordance with CFR 1910.95, OSHA's Occupational Noise Exposure regulation, AirQuest made seven recommendations to the Client for personnel hearing protection which included employee education and protective gear, and a continuing training and monitoring program with a record keeping system.

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Emergency Response, Curaçao

PROJECT FACTSHEET

PROJECT:

Emergency response to an asbestos release

SCOPE:

Respond to an asbestos release aboard a cruise ship in dry dock undergoing renovations.

CLIENT:	Private, Undisclosed Client
COST:	$1,400,000.00
LOCATION:	Curaçao, Netherland Antilles
DURATION:	April 2007 – July 2007

The logistics for the project were staggering including:

- operating in a foreign country
- arranging travel, lodging and meals for the abatement team (over $400,000 in plane tickets purchased in 2 days)
- coordinating over 100 asbestos abatement workers from 3 different abatement companies
- coordinating with foreign government officials, the vessel owner, the captain and crew of the vessel (who remained onboard), the drydock representatives and consultants from the Netherlands
- working under intense time constraints.

DESCRIPTION:

AirQuest was contacted at 11:00 pm on a Friday evening by a client reporting a possible asbestos release aboard a cruise ship that was in drydock undergoing renovations. Access to the ship was restricted by the dock such that renovations could not continue until the extent of the release could be determined and remediated.

AirQuest personnel arrived onsite on Saturday and worked through until Sunday to characterize the extent of the release. It was determined that the entire ship had been impacted during removal of walls that were backed by asbestos containing insulation. By Wednesday, AirQuest had arranged for 100 workers (with passports and certified in asbestos removal) to arrive at the site. However, due to limited flight capacity, not all of the workers arrived until Thursday.

The abatement project went non-stop over 11 days utilizing 2 shifts. AirQuest performed abatement oversight and air monitoring which was reported to the drydock and consultants representing the Netherlands.

Air monitoring and onboard asbestos consulting continued for an additional 6 weeks while renovations to the ship were completed.

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Midway Atoll Hazardous Materials

PROJECT FACTSHEET

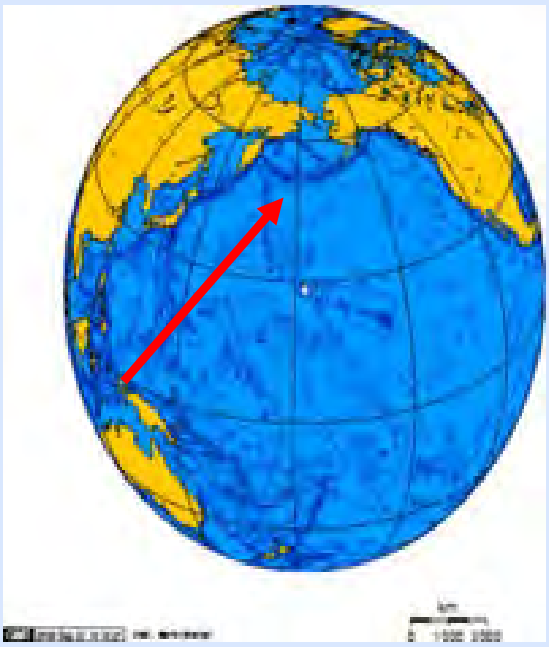
PROJECT:

Characterization and Disposal of Hazardous Materials from Midway Atoll

SCOPE:

The project consisted of the characterization, transportation and disposal of asbestos, lead contaminated and hazardous materials from a remote island in the Pacific.

CLIENT:	US Fish & Wildlife Cross Environmental Services, Inc.
CONTACT:	Jim Everett, 813/783-1688 everett@crossenv.com
LOCATION:	Midway Atoll
DURATION:	February – April, 2011



DESCRIPTION:

AirQuest was subcontracted by Cross Environmental Services, Inc. to provide professional consulting services for the characterization, transportation and disposal of asbestos, lead contaminated and hazardous materials on Midway Atoll for the US Fish & Wildlife Service. Midway is approximately in the middle of the Pacific, and over 1,200 miles from inhabited land.

The project constraints included limited access to the island (there is one flight in and out per week), the logistics of characterizing and transporting hazardous materials overseas and in several states (Hawaii, Oregon and Washington), and working with limited resources (only two (2) crew could be mobilized during the assessment phase and four (4) crew could be mobilized to the island during the transport phase).

Asbestos and lead contaminated waste was consolidated, labeled and packaged. Samples of hazardous waste were collected and disposal profiles generated. All of the material was packaged and transported off of the island for disposal. A final report was prepared detailing the procedures and results of the remediation efforts. The project was completed on time and within budget.

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Naval Air Station Jacksonville Industrial Hygiene Evaluation

PROJECT FACTSHEET

PROJECT:

Industrial hygiene evaluation of employee exposures during specific work activities.

SCOPE:

The project consisted of quarterly industrial hygiene evaluations of employee exposures to heavy metals during specific work activities, including blasting, welding, painting and sanding.

CLIENT:	FRC Support Equipment NAS Jacksonville
CONTACT:	Ms. Elizabeth Lamb 410/326-7556 elizabeth.lamb@navy.mil
LOCATION:	Jacksonville, Florida
DURATION:	July 2013 – March 2014

DESCRIPTION:

AirQuest was contracted by the Department of the Navy to provide quarterly industrial hygiene evaluations of employee exposures to heavy metals during specific work activities while refurbishing naval equipment.

The work activities included: blasting in an independent metal containment; use of blast cabinets; use of a painting booth; and welding a variety of metals.

Prior to, during lunch and after sampling, the personnel pumps were calibrated with a BIOS primary calibrator. The samples were collected by drawing air into a cassette and forwarded to EMSL Analytical Laboratories, an American Industrial Hygiene Association (AIHA) accredited industry hygiene laboratory, for analysis of heavy metals (Cd, Pb, Ni, Zn, Al, Cr) by NIOSH 7300M Method.

A final report was prepared detailing the procedures and results of the sampling. The project was completed on time and within budget.

COASTAL
ENGINEERING
CONSULTANTS
INC.

Civil Engineering
Planning Services
Survey & Mapping
Coastal Engineering
Environmental Services

BLIND PASS RESTORATION

PROJECT TYPE:
Coastal Restoration, Environmental Mitigation, Value Engineering, Construction Inspections and Administration

PROJECT LOCATION:
Lee County, Florida

PROJECT CLIENT:
Lee County Division of Natural Resources
1500 Monroe Street
Fort Myers, Florida 33901

PROJECT CONTACT:
Steve Boutelle
Operations Manager
(239) 533-8128
boutelsj@leegov.com

PROJECT SCHEDULE:
2008 – 201`2

PROJECT FEE:
$308,000

www.coastalengineering.com

DESCRIPTION OF PROJECT SERVICES:

Coastal Engineering Consultants (CEC) is providing comprehensive construction administrative and environmental services for the Blind Pass Restoration Project. The 2009 Project included maintenance dredging of the Blind Pass Channel and the connection to Roosevelt Channel through the historic pass and under the bridge located between Sanibel and Captiva Island. In the initial maintenance dredging event, approximately 150,000 cubic yards of material were removed from the Pass and interior system. Beach compatible material was placed on downdrift beaches, suitable material was placed in the nearshore, and non-beach compatible material was temporarily dewatered at a beach containment cell site, and then transported to an upland disposal site. CEC is assisting Lee County implement a mitigation plan to offset direct impacts from the initial dredging.

Specific duties included **value engineering the project design** completed by Lee County and their previous environmental consultant; redesigning the containment cell **resulting in over $500,000 in cost savings**; mapping seagrasses within the dredge footprint and adjacent bay; assisting Lee County obtain FDEP Notice to Proceed; establishing survey control; conducting the physical monitoring plan consisting of beach profiles, ebb and flood shoal cross sections, inlet hydraulic measurements and analysis, sediment sampling, and reporting; performing construction administration services consisting of bi-weekly meetings, pay requests, contractor coordination, and project certifications; and resident inspection services. Future services include annual monitoring surveys and analyses to assess project performance, and construction administration as the County intends to conduct a near-term maintenance dredge event to remove the shoaled in sediments attributed to immediate channel side slope equilibration and winter storms.

CEC's key personnel included Mark Kincaid, Michael Poff, Rick Ewing, Kris Thoemke, and Michael Stephen.

COASTAL ENGINEERING CONSULTANTS INC.

Civil Engineering
Planning Services
Survey & Mapping
Coastal Engineering
Environmental Services

PROJECT TYPE:
Design, Permitting, and Construction Administration

PROJECT LOCATION:
Caminada Headland, LA

PROJECT CLIENT:
Coastal Protection and Restoration Authority

PROJECT CONTACT:
Brad Miller
Phone: (225) 342-4122
brad.miller@la.gov

PROJECT SCHEDULE:
2008- Ongoing

PROJECT FEE:
$2.3 mil

CAMINADA HEADLAND BEACH AND DUNE RESTORATION – INCREMENT I & II LAFOURCHE/JEFFERSON PARISHES, LOUISIANA

BRIEF DESCRIPTION OF PROJECT SERVICES:

CEC is serving as the prime consultant on an integrated consulting team providing comprehensive services for design, permitting, and construction of the project. The Scope of Services includes topographic, magnetometer, and bathymetric surveys; geophysical and geotechnical surveys to define the sand source; performing a sand suitability assessment; coastal processes studies and analyses including shoreline and volume change analyses, regional wave and storm statistics, sediment budget and sediment transport modeling, sea level rise, subsidence, and consolidation studies; development of design criteria; performance analyses; engineering and design of the beach fill, borrow area, and conveyance corridors; and project cost estimates.

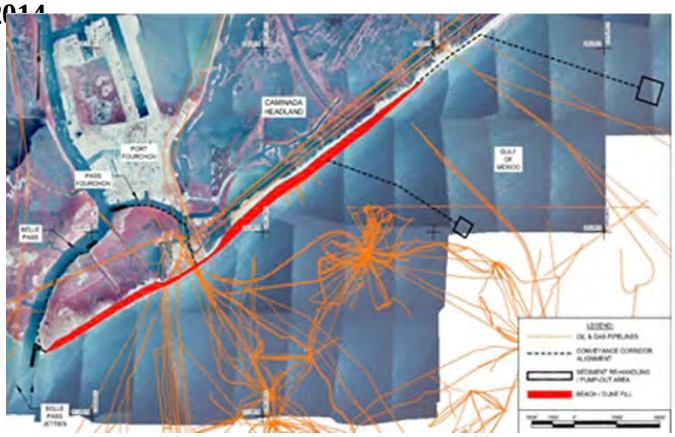
CEC performed an evaluation of various technically feasible methodologies for transporting sediment from the proposed borrow area, located in the vicinity of South Pelto Blocks 12 & 13 of Ship Shoal, approximately 27 miles to the Caminada Headland for beach and dune restoration. These methodologies included the use of currently available dredging equipment in various combinations.

CEC completed the Final Design for Increment I in June 2012. CEC developed the construction bid document package and CPRA successfully bid the Project in November 2013.

CEC is currently performing construction administration and oversight services for Increment I including client and contractor coordination, construction survey review, volumetric fill calculations, contractor pay application review, and development of the completion report.

CEC completed the Final Design for Increment II in May 2013. CEC has developed the construction bid document package and CPRA intends bid the Project in the Spring of 2014.

CEC's key personnel include Michael Poff, Michael Stephen, Steve Dartez, Jon Staiger, Greg Grandy, Vadim Alymov, Samantha Brasher, Bethany Plaisance, and Michael Stephenson.



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Fax (239) 643-1143

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Fax (225) 769-3596

www.coastalengineering.com

COASTAL ENGINEERING CONSULTANTS INC.

Civil Engineering
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Environmental Services

PROJECT TYPE:
Erosion Control/
Environmental Monitoring, and Protection

PROJECT LOCATION:
Charlotte County, FL

PROJECT CLIENT:
Charlotte County Public Works
18500 Murdock Circle
Port Charlotte, FL 33950

PROJECT CONTACT:
Chuck Mopps
Project Manager
(941)575-3685
Chuck.Mopps@charlottefl.com

PROJECT SCHEDULE:
2003 – Ongoing

PROJECT COST:
$15 Mil (3 dredge prjs)-Const
$2.7 Mil (3 prjs/annual monitoring)-Design

www.coastalengineering.com

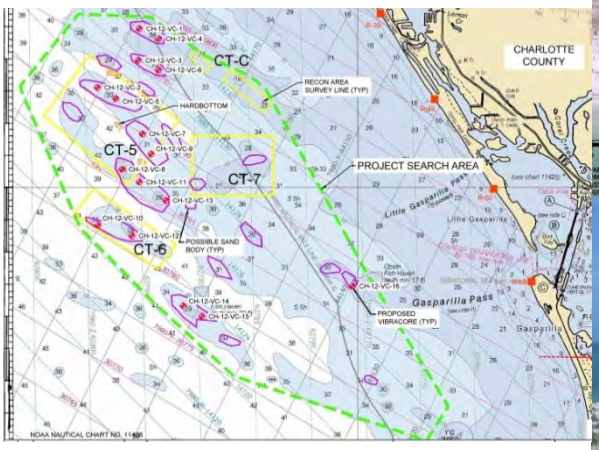
CHARLOTTE COUNTY EROSION CONTROL PROJECT

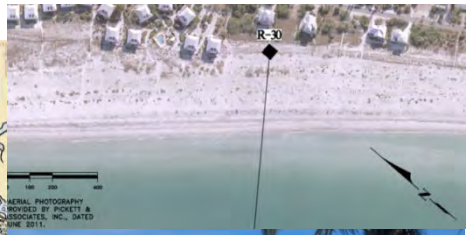
BRIEF DESCRIPTION OF PROJECT SERVICES:

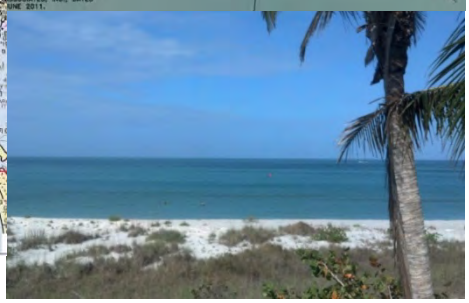
Charlotte County Erosion Control Project, FL: Coastal Engineering Consultants (CEC) has served on an integrated consulting team providing comprehensive services for beach restoration and inlet management to Charlotte County since 2001. The services have included: evaluating site conditions; evaluating economical and technical feasibility; coastal processes; modeling storm damage reduction benefits; designing beach fill templates; designing and analyzing potential adverse effects of utilizing borrow areas including enhancing safe navigation and providing improved hydrodynamics for circulation within the bay system; documenting construction access and staging; preparing detailed plans and specs; evaluating dredge equipment, capacity, and production rates; preparing opinion of probable construction costs; assisting with permitting; **providing state/federal funding coordination including FEMA Post-Storm Recovery Funds;** developing mitigation and monitoring plans; and conducting construction management and inspection services. To date, the initial restoration (2003) and two renourishment events (2006, 2011) have been completed. State and federal cost sharing have provided approximately 45% of the total funds.

The County has embarked on their next 10-year management plan and CEC is serving as the lead firm to conduct the consulting services. Two new components are included in the next management plan. First, **a regional sand source search is underway to locate and define beach compatible sand bodies to address the sand needs of the County's program for the next decade**. Second, a detailed numerical model study is evaluating coastal structures to reduce end losses and improve project performance by stabilizing the erosional shorelines adjacent to Stump Pass. Hydrodynamic and morphologic change modeling will be performed on the no action, continued maintenance dredging / beach renourishment, and beach renourishment complemented with various structures alternatives to compare and contrast project performance and develop design criteria for the design and permitting phases.

CEC's key personnel included Michael Poff, Michael Stephen, Vadim Alymov, Rick Ewing, Kris Thoemke, and Mark Kincaid.







COASTAL ENGINEERING CONSULTANTS INC.

Civil Engineering
Planning Services
Survey & Mapping
Coastal Engineering
Environmental Services

PROJECT TYPE:
Coastal Engineering, Beach Renourishment, Erosion Control Structures

PROJECT LOCATION:
Marco Island South Beaches, Collier County, Florida

PROJECT CLIENT:
Collier County Coastal Zone Management
2800 North Horseshoe Drive
Naples, FL 34104

PROJECT CONTACT:
Gary McAlpin, P.E.
Director, Coastal Zone Mgmt.
(239) 252-5342
GaryMcAlpin@colliergov.net

PROJECT SCHEDULE:
8/2010 - Ongoing

PROJECT FEE:
$3 Million-Const.
$380,000-Design

www.coastalengineering.com

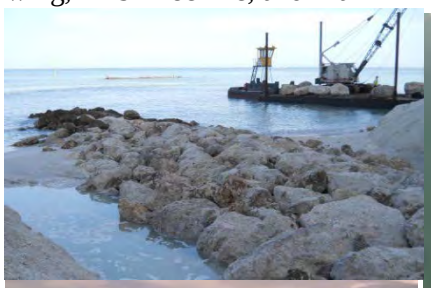
SOUTH MARCO BEACH RENOURISHMENT AND STRUCTURAL ENHANCEMENTS

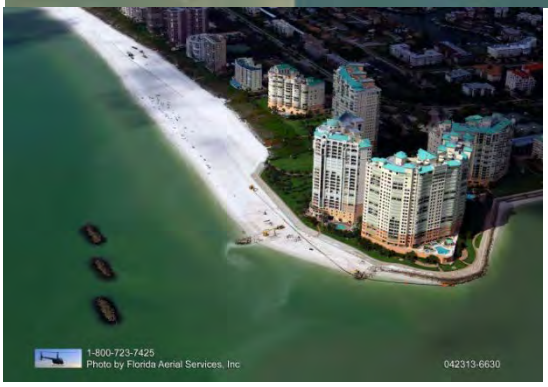
DESCRIPTION OF PROJECT SERVICES:

South Marco Island Beach Nourishment & Erosion Control Structure Repairs, FL: Coastal Engineering Consultants (CEC) led the integrated consulting team to provide comprehensive services for the conceptual plan, design, permitting, bidding, and construction management of the third major renourishment cycle for South Marco Island. This project is in support of the original 1990-91 beach renourishment project that CEC performed comprehensive services to search, locate and identify sand resources and to design and permit beach/dune restoration, inlet navigation, coastal structures, and ecosystem restoration via dredging and placing over 1.2 million cubic yards of sediment. For the current project, CEC performed the plan formulation, screening analysis, conceptual design alternatives, planning level construction budgets, and assessment of erosion control structural alternatives.

The numerical modeling study evaluated an additional breakwater or groin to enhance project performance and address a localized erosion problem of the dry beach at the County's public access point. Analysis included hydrodynamic and morphologic change modeling, performance assessment, environmental compatibility, and cost estimating. The conclusion of the model study was while the addition of a coastal structure to the existing groin field would yield benefits in terms of positive shoreline response, the cost to benefit ratio was not justifiable. Thus the preferred strategy was to conduct periodic nourishment, and utilize upland sources in an incremental management approach to address hot-spot or storm erosion issues in the future. CEC undertook an expedited schedule to prepare and submit the JCP Application. Permitting was completed in less than 9 months. It is noted only one RAI was issued by DEP for two items: permit fee and USFWS BO. The USACE questions were addressed outside an RAI. The Project was put out to bid in December 2012. The beach nourishment component construction was completed by May 1, 2013; and the erosion control structures component was completed by July 9, 2013. A percentage of the funding was provided through Post-Storm Recovery Funding from FEMA due to the impacts of Tropical Storm Faye.

CEC's key personnel included Michael Poff, Michael Stephen, Vadim Alymov, Rick Ewing, Kris Thoemke, and Mark Kincaid.





COASTAL ENGINEERING CONSULTANTS INC.

Civil Engineering
Planning Services
Survey & Mapping
Coastal Engineering
Environmental Services

PROJECT TYPE:
Survey and Mapping / Engineering Services

PROJECT LOCATION:
Key West, FL

PROJECT CLIENT:
Sunset Marina
5555 College Road
Key West, FL 33040

PROJECT CONTACT:
Joanne Alexander, Manager
(T): (305)296-7101

PROJECT SCHEDULE:
2010

PROJECT COST:
$ 5,000

www.coastalengineering.com

RESIDENCES AT SUNSET MARINA CONDOMINIUMS

BRIEF DESCRIPTION OF PROJECT SERVICES:

Coastal Engineering Consultants, Inc. (CEC) provided professional services to Sunset Marina Residences, located at 5555 College Road, **Key West, Florida**. CEC was responsible for preparation, submittal, and support of an application to the Federal Emergency Management Agency (FEMA) for a Letter of Map Revision (LOMR). Services included collect/review available data, site visits, determine 100-year storm parameters/calculations, model one new transect using FEMA's C.H.A.M.P. model, draw proposed flood zones of project area, perform revisions to model and proposed flood-zone map, provide written description of the proposed LOMR submittal, complete FEMA Form MT-2 for a request for a LOMR, and LOMR application submittal.

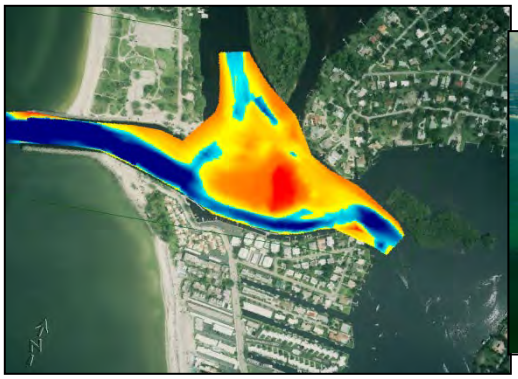
CEC prepared a FEMA Elevation Certificate including additional elevations for each garage floor up to the first habitable floor and located the seaward face of the building and the landward edge of the beach dune. CEC also located nearby street intersections to assist in the overlay of the flood zone map onto the site plan.

CEC's key personnel included Rick Ewing, Michael Stephen, and Matt Ward.

COASTAL ENGINEERING CONSULTANTS INC.

Civil Engineering
Planning Services
Survey & Mapping
Coastal Engineering
Environmental Services

REGIONAL INLET & WATERWAY MANAGEMENT PLANS



PROJECT TYPE:
Marine Dredging Engineering, Surveying, Permitting & Construction Management

PROJECT LOCATION:
Pinellas to Collier Counties, Florida

PROJECT CLIENT:
West Coast Inland Navigation District
P.O. Box 1845
Venice, Florida 34284

PROJECT CONTRACTORS:
Various regional dredge contractors.

PROJECT CONTACT:
Chuck Listowski
(941) 485-9402
wcind200@aol.com

PROJECT SCHEDULE:
Annual Contract - Ongoing

PROJECT FEE:
>$5 Million-Const.
$800,000-Design

www.coastalengineering.com

BRIEF DESCRIPTION OF PROJECT SERVICES:

Since 2003, Coastal Engineering Consultants, Inc. (CEC) has assisted the WCIND in their regional waterway management activities. CEC has performed dozens of dredge project designs and construction surveys and assisted with construction oversight for interior waterway maintenance dredge and new dredging projects. Specific services include bathymetric surveys; SAV surveys; vibracore collection and sediment analyses; identification, citing, and design of dredge material management areas; channel dredging permit drawings, construction plans, and specifications; environmental permitting; stakeholder coordination; bid process support; and construction management.

Further, CEC examined all 32 coastal inlets from Pinellas to Collier Counties to determine the feasibility of regional inlet management. The scope of services for each inlet included determining existing inlet management responsibilities, funding sources and regional management feasibility. The project goals were to analyze the management needs for each inlet including: environmental and hydrographic monitoring, navigational dredging/sand bypassing needs, beach nourishment, and navigational aids. The study outlined permitting guidelines for implementation of a regional approach to inlet management; analyzed costs of needed equipment and compared purchase, lease or, rent of such equipment and crews to contracted services; and appropriated management authority for the regional approach. CEC interviewed local, state, and federal authorities to update inlet dredge schedules, volumes, and anticipated costs.

CEC is providing routine construction management and survey services for the dredging projects associated with over 40 waterways. These services include pre-construction, progress (pay), and post-construction surveys; construction stake-out; contractor meetings; pay request reviews; substantial and final completion; and project certifications.

CEC's key personnel included Michael Poff, Mark Kincaid, Rick Ewing, Vadim Alymov, Kris Thoemke, Michael Stephen, and Samantha Brasher.

Appendix V – Letters of Reference

MAYOR
Richard J. Kaplan, Esq.

VICE MAYOR
Hayward J. Benson, Jr., Ed.D.

COMMISSIONERS
M. Margaret Bates
Howard Berger
Ken Thurston

CITY OF LAUDERHILL

CITY MANAGER
Charles Faranda

ASSISTANT CITY MANAGER
Desorae Giles-Smith

CITY CLERK
Andrea Anderson

CITY ATTORNEY
Earl Hall

DEPARTMENT OF ENVIRONMENTAL & ENGINEERING SERVICES

August 30, 2012

To Whom This May Concern:

Please allow this correspondence to serve as a recommendation for "AirQuest Environmental, Inc." As Assistant Director DEES- City Engineer for the City of Lauderhill, I have had the opportunity to work with AirQuest personnel on several projects including:

- **Lauderhill City Hall** - Indoor Air Quality Assessment
- **Bank Atlantic Building** - Asbestos and Phase I Environmental Site Assessment
- **Sadkin Community Center** - Mold Assessment

They possess talented team players that are knowledgeable in their field. They were willing to work with the City to produce the very best results in the shortest amount of time, often coming on short notice to help resolve issues having potential serious implications.
I would recommend AirQuest for any project requiring specialized environmental services.

Sincerely,

J. Martin Cala P.E.
Assistant Director DEES – City Engineer

5581 W. Oakland Park Blvd. • Lauderhill, FL 33313 • PH: 954.730.2960 • FAX: 954.730.4241
www.lauderhill-fl.gov

CES
CROSS ENVIRONMENTAL SERVICES, INC
ENVIRONMENTAL & DEMOLITION SERVICES

August 2, 2012

To Whom It May Concern:

Please allow this correspondence to serve as a recommendation for AirQuest Environmental, Inc. ("AirQuest").
As a Senior Project Manager for Cross Environmental Services, Inc. (CES), I have had the opportunity to work with AirQuest on numerous projects since 2004. Many of these projects, domestic and international, have been high profile and all have been deadline oriented.

It is my opinion that one of the biggest strengths AirQuest brings to the table is their credibility. My experience is that the company principal is earnest and forthright and that that is personified throughout the corporate culture. I use AirQuest routinely as a sub-consultant with great confidence.

We have subcontracted AirQuest on a wide range of projects from small (<$10,000) to large (>1 million). Select projects that AirQuest has completed in conjunction with CES include:

- Florida's Turnpike Enterprise - Bridge and Overpass Sampling of 40 structures (Asbestos)
- US Fish & Wildlife Service – Characterization and Removal of Waste Materials on Midway Atoll, Pacific (Hazardous Materials, Asbestos, and Lead Based Paint)
- Bureau of Land Management – Remediation of Mining Building in Eureka, Nevada (Hazardous Materials)
- Bureau of Land Management – Swamp Remediation in Rapides Parrish, Louisiana (Asbestos)
- Cemex Cement Production Facility – 14 acre industrial plant in Miami, Florida (Asbestos)

The above projects illustrate a wide range of capabilities including working in remote locations (Midway and Eureka, Nevada), experience in a wide variety of settings (bridges, mining camps, industrial facilities, swamp land), and proven success with private (Cemex), State (Florida's Turnpike Enterprise) and Federal (US Fish & Wildlife Service and Bureau of Land Management) clients.

In short, I can with clear conscience and without hesitation recommend AirQuest for any size or type of environmental/industrial hygiene project. Should you require any additional information feel free to contact me directly at 813-355-1569.

Respectfully submitted,

Jim Everett
Executive Vice President

P.O. Box 1299 • Crystal Springs, FL 33524 • (813) 783-1688 • Fax (813) 788-9114
E-Mail: ces@crossenv.com • www.crossenv.com

Florida Department of Transportation

RICK SCOTT
GOVERNOR

1000 NW 111th Avenue, Room 6105B
Miami, FL 33172

ANANTH PRASAD, P.E.
SECRETARY

October 25, 2013

To Whom It May Concern:

I have had the pleasure of working with AirQuest Environmental, Inc. for the past three (3) years on 2 separate contracts with our District. AirQuest has been an integral part of our Right of Way team. I have come to rely on them for superior environmental consulting services.

My experience with the firm has been outstanding:

- In a rush - they get the job done ahead of schedule,
- Complicated site - their professionals simplify the solution,
- After hours emergency – they are reachable and jump into action,
- Compliance with paperwork requirements - it will be done right every time.

In short, I feel confident recommending AirQuest for any of the services they offer.

Should you have any questions, please feel free to contact me at (305) 470-5193.

Sincerely,

Tatjana A. Herrera
RW Property Management, Asbestos & Demolition
and District Asbestos Coordinator

Miami-Dade County Public Schools

giving our students the world

Superintendent of Schools
Alberto M. Carvalho

Miami-Dade County School Board
Perla Tabares Hantman, Chair
Dr. Martin Karp, Vice Chair
Dr. Dorothy Bendross-Mindingall
Susie V. Castillo
Carlos L. Curbelo
Dr. Lawrence S. Feldman
Dr. Wilbert "Tee" Holloway
Dr. Marta Pérez
Raquel A. Regalado

October 22, 2013

Brevard County Schools
Consultant Selection Committee
Brevard County, Florida.

Ladies and Gentlemen:

It is with pleasure that I would like to provide reference for the firm of AirQuest Environmental, Inc. as Environmental Consultants. Air Quest has held an Environmental Consultant contract with Miami-Dade County Public Schools since October 2011. This is a four-year contract until October 2015, with a possible extension for additional term.

By this means, I would like to express our appreciation for the excellent services that the firm has provided and continues to provide to this department and to MDCPS. Air Quest is a reliable firm that performs its assigned tasks effectively and accurately, in a timely and professional manner. As principal of the firm, Ms. Tracy Ann Boyle has provided knowledgeable guidance and expertise in matters dealing with asbestos, lead-based paint, mold assessment, and IAQ evaluations. I have come to rely on her and her staff's experience and dedication, knowing that they will extend every effort to provide us with the information we require. From air testing and sample analysis to evaluation of IAQ criteria in order to assist in decision making, I know we can rely on the firm.

Therefore, I am pleased to recommend Air Quest Environmental, Inc. as Environmental Consultants.

Sincerely,

Ralph Cruz-Muñoz, Director
Department of Asbestos Management

Department of Asbestos Management • 12525 N.W. 28th Ave. • Suite 509 • Miami, FL 33167
Telephone: (305) 995-4595 • FAX: (305) 995-4980

Jacobs North America Infrastructure
P. O. Box 9828
Ft Lauderdale, FL 33310-9828

November 27, 2013

To Whom It May Concern:

The purpose of this letter is to provide information about the quality of the work performed by Air Quest, Inc.

Air Quest has been under contract to Jacobs since 2006 performing asbestos surveys, lead paint surveys, and indoor air quality surveys. In addition they have prepared operation and maintenance plans to be used by employees to prevent exposure to harmful elements. There have also been times when Air Quest has been used to review operational procedures and employee protections when an employee believes he or she may be experiencing some health issues due to conditions in the workplace.

All the work performed by Air Quest has been of the highest quality, completed on time and within budget. Their staff has always been willing to work with our team to produce the very best results in the shortest amount of time often coming on very short notice to help resolve issues having potential serious ramifications. The reports they produce are always complete with all the supporting documentation.

Air Quest is a company I feel very comfortable recommending to anyone needing the services they provide. Over the years I have recommended Air Quest to other divisions within our company and to both our private sector and government clients and I will continue to do so in the future.

Sincerely,

C. Wayne Varga

C. Wayne Varga
Jacobs Safety Manager
SE Region
954-214-5080

Fighting Hunger in South Florida

DAILY BREAD FOOD BANK

Board President

Bruce J. Berman

Honorary Board

Kirk R. Landon

A.D. Moore

Chef Allen Susser

Board of Directors

Michael R. Adair

Dr. William Barkins

Jennifer Behar

Modesto Blanco

Scott Cohen

Leslie Diver

Susan R. Hantman

Kathryn R. Kassner

Maria R. Millares

Van Myers

Sharon Thompson

Executive Director

Judith Gatti

September 15, 2008

James Whalen
AirQuest Environmental, Inc.
3030 Southwest 19th Street
Ft. Lauderdale, FL 33312

Dear Mr. Whalen, Jim

On behalf of Daily Bread Food Bank and all those we serve, I would like to thank you for your extraordinary donation. It is generosity like yours that allows us to continue bettering ourselves as an organization. The services you have provided, which include the asbestos abatement for our cooler, freezer and market place and the safe removal and disposal thereof, are truly appreciated.

Daily Bread Food Bank has been serving the South Florida community with no freezer for over two years and working with a troublesome cooler for months. With your help, we expect to have our freezer up and running soon. This is especially important to us, as we will be able to once again offer our community a wider variety of product. Your generosity will have a long lasting effect on both our organization and our community. Once again, thank you for this very special donation.

Kind regards,

Judith

Judith Gatti
Executive Director

In accordance with IRS requirements, please accept this letter as our confirmation that no goods or services were provided to you in exchange for your kind donation. In accordance with State of Florida Solicitation of Contribution Act requirements, please note that 100% of your contribution has been received by Daily Bread Food Bank, registration number CH22.

Miami Branch: 5850 N.W. 32nd Avenue • Miami, FL 33142 • (305) 633-9861 • Fax (305) 633-0036
Reclamation Center: 1363 N.W. 155th Drive • Miami, FL 33169 • (305) 474-8805 • Fax (305) 474-8807
Palm Beach: 426 Claremore Drive • West Palm Beach, FL 33401 • (561) 659-5070 • Fax (561) 833-4819
Broward Branch: 2970 N.W. 27th Street • Ft. Lauderdale, FL 33311 • (954) 486-7226 • Fax (954) 486-7213
Extra Helpings: Prepared & Perishable Foods: Dade (305) 633-9861 • Broward (954) 522-2447
Website: http://www.dailybread.org

a member of
America's Second Harvest
The Nation's Food Bank Network
Ending Hunger

Recon Solutions
AN ALBERICI ENTERPRISE

Corporate Office
Two City Place, Suite 380
St. Louis, MO 63141
Ph. 314.692.2611
fax 314.692.4288
www.alberici.com

Air Quest Environmental, Inc
3030 Southwest 19th Street
Fort Lauderdale, Florida 33312

Attn: Traci-Anne Boyle

Traci:

I just wanted to let you know that it has been a pleasure working with your company. You and your staff have always been able to jump on any project within a day or so of us telling you about the it. Your company then has promptly provided us with the test results. Even though my company is from St. Louis and you had never worked with us before, you readily took the projects on to perform the Asbestos Surveys that we requested. We are currently working for 25 city's or authoritys in this area, and consulting for the insurance company at another 6 cities. Without your quick reviews and test results, we would not have been able to perform the repairs as quickly as we have. Thanks for your assistance.

Should you ever need a recommendation by Recon Solutions for a future client, I would be more than happy to provide it.

Sincerely,

Don Johnson

Don Johnson
Project Director
Cell number 314-608-7352