### Knowledge for Business

Ideas for Our Environment











Scientists, Geologists and Engineers

www.floridaenv.com

FER (Florida Environmental Regulation Specialists, Inc.) was established by regulatory professionals in engineering, geology and the environmental sciences. The founders have used their government experience and contacts to create a company with a unique perspective. Our professionals have seen environmental regulation from the inside and understand the intricacies and implementation of environmental rules and regulations. We have seen the burdensome effect of over-regulation and the positive results of partnerships with the regulatory community. We know how to maintain compliance, avoid enforcement and negotiate agreements.

We understand the history of Florida and its' fragile ecosystems. Our exclusive staff has witnessed firsthand, the uncontrolled growth of Florida and the environmental problems associated with it. Our staff was employed by local and state agencies as these environmental problems manifested themselves. Many of these problems still exist today and will persist for years. FER is equipped to assist the public and private industry in solving these environmental challenges.

We have established contacts throughout local, state, and federal government. These contacts are key to obtaining invaluable information and insight that is not available from any other company at any price.

FER believes in a one on one approach with our clients. Your question, concern and satisfaction are very important to us. Our job is completed only when the client is 100% satisfied.

Call us with your questions; we love to show off our expertise. Initial consultations are always free.

Thank you for considering FER. We look forward to working with you.

# Services

#### PROPERTY DEVELOPMENT AND TRANSACTION SERVICES

Phase I, II, Transaction Screen Process, Mortgage Compliance Audit, Background Evaluation, Wetlands, Threatened and Endangered Species

#### STORAGE TANKS

Closure Assessment, Management, Audit, Site Assessment, Risk Assessment, Remediation

#### ENGINEERING, GEOLOGICAL AND HYDROGEOLOGICAL SERVICES

Remedial System Design; Geophysical, Geochemical, Aquifer and Soil Evaluations; Monitor Well Supervision

#### SPILL RESPONSE

24 Hour Emergency Spill Response, Petroleum and Hazardous Materials Assessment and Cleanup, Training

#### **HAZARDOUS WASTE**

S.Q.G., L.Q.G. Audits, Management, Closure Assessment, Contamination Assessment, Risk Assessment, Remediation

#### MONITORING, MANAGEMENT, PERMITTING AND SAMPLING

Air, Groundwater, Surface Water, Drinking Water, Wastewater, Hazardous Waste, Solid Waste, Soil, Asbestos, Lead, Radon and Mold

#### RADON GAS

Sampling, Diagnostics and Mitigation

#### **AIR TESTING AND INVESTIGATION SERVICES**

Investigation and Testing, Mold, Radon, Asbestos, Visible Emission, Stack Testing and Engineering Services

#### GEOTECHNICAL AND MATERIAL TESTING AND INSPECTION SERVICES

Site Testing and Preparation, Materials Testing, Sinkhole Evaluation, Landfill and Hydrogeologic Studies, Construction Engineering and Inspection

## *Knowledge* for Business *Ideas* for Our Environment



# Locations

#### MAIN OFFICE (APOPKA)

2029 Heatheroak Drive

Apopka, FL 32703

P: (407) 886-3777

F: (407) 880-5737

#### **GAINESVILLE OFFICE**

2603 NW 13th Street

PMB 317

Gainesville, Florida 32609

P: (352) 374-7298

F: (352) 374-9565

#### PORT CHARLOTTE OFFICE

3280-55A Tamiami Trail

PMB 295

Port Charlotte, Florida 33952

P: (941) 743-0511

F: (866) 375-4721

#### TAMPA OFFICE

5470 E. Busch Blvd.

PMB 435

Tampa, Florida 33617

P: (813) 505-1400

F: (866) 375-4721

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#### **Property Developement** and Transaction Services

FER has the experience and knowledge to provide you with the information lending institutions, realtors, government, landlords, business and individuals need to make educated decisions regarding property transactions.

**PHASE I, II ASSESSMENTS** - ASTM Standard E1527 Assessments; sealed by professional geologists or engineers; site assessment and cleanup as necessary.

**TRANSACTION SCREEN PROCESS** - ASTM Standard E1528 TSP's; credit given towards Phase I as needed.

**INSPECTIONS, IDENTIFICATION** - Radon, wetlands delineation, threatened and endangered species, lead and mold sampling and inspections, asbestos.

MORTGAGE COMPLIANCE AUDIT - Tailored to lending institutions and landlord's needs.

**BACKGROUND EVALUATION** - Special service to document existing conditions.



#### **Storage Tanks**

FER personnel have expertise in storage tanks that is unmatched. Our comprehension of storage tank regulations and remediation technologies works to the client's advantage.

**CLOSURE ASSESSMENTS.** We work with the most experienced PSSC's; assessments according to requirements.

MANAGEMENT, AUDIT. We can help you avoid penalties; we also offer training.

SITE ASSESSMENT, RISK ASSESSMENT. Experienced assessment saves time and money.

REMEDIATION, MONITORING PLANS. We develop Remedial Action and Monitoring Plans using cost effective methods and proven technology. We are an approved pre-approval petroleum cleanup contractor for the Florida Department of Environmental Protection.



# **Engineering, Geological and Hydrogeological Services**

FER is a licensed Florida Certified Geology Business offering a wide range of geological and hydrogeological services. Engineering Services are provided by Florida Licensed Professional Engineers and Florida Certified Engineering Businesses.

**GROUNDWATER.** Field measurements, TDS determination; surficial aquifer flow determination; evaluation; classification (GI, GII, GIII).

**AQUIFER EVALUATION.** Potentiometric surveys, pump, slug tests for transmissivity, hydraulic conductivity, storitivity determination, well potential.

**SOIL EVALUATION.** Soil classification; drill core and sample description; percolation tests.

**GEOPHYSICAL EVALUATION.** *DC* resistivity and *EM* conductivity interpretations; seismic refraction interpretations.

**MONITOR WELL SUPERVISION.** Field supervision of monitor well installations for assessment purposes.

**ENGINEERING AND REMEDIAL SYSTEM DESIGN.** Provided by Florida Licensed Professional Engineers and Florida Certified Engineering Businesses.





#### **Spill Response**

FER provides prompt emergency spill response by skilled project managers.

**INITIAL RESPONSE.** We are equipped and trained to perform petroleum products and hazardous materials spill response. Our experienced personnel are available 24 hours a day to provide timely and cost effective project management.

**ASSESSMENT AND CLEANUP.** We perform assessment and cleanup according to local, state and federal requirements and guidelines, where applicable.

**REPORTING.** We provide discharge and source removal reporting to document cleanup and assessment activities, as needed.

**TRAINING.** We provide training to businesses regarding spill response and develop spill response and risk management plans.



#### **Hazardous Waste**

FER can help you manage hazardous waste and train site personnel in proper storage and handling practices. We help businesses take a pro-active approach to avoid accidents and maintain compliance.

AUDITS, MANAGEMENT. Perform inspection of your facility, prepare and review contingency plans and make recommendations.

CLOSURE, CONTAMINATION AND RISK ASSESSMENT. Assessing the environmental impact and risk to human health from hazardous substances.

REMEDIATION, MONITORING PLANS. We understand remediation techniques for specific contaminants.



#### Monitoring, Management, **Permitting and Sampling**

FER performs a wide variety of environmental monitoring plans and management projects. We help business obtain federal, state and local environmental permits. We are proficient at sampling many types of matrices.

MONITORING, MANAGEMENT. We perform septic tank, landfill, wastewater, groundwater, air, etc. monitoring plans; our project management skills are top notch.

**PERMITTING.** We can obtain permits for environmental projects including NPDES, solid waste, wastewater, hazardous waste, etc.

**SAMPLING.** Groundwater, drinking water, wastewater, surface water, sediments, sludges, air, soil, hazardous waste, asbestos, lead, radon, mold



#### **Radon Gas**

FER is a State of Florida Certified Radon Measurement (RB2022) and Mitigation (RB2212) business with certified radon measurement and mitigation specialists on staff.

**SAMPLING.** We perform sampling in homes, businesses, schools, etc. using charcoal canisters, alpha track detectors, continuous monitoring, electret ion chamber, liquid scintillation, etc. Pre-construction testing, upon request.

**DIAGNOSTICS.** Site inspections and interviews, communication tests, fan tests, sampling.

MITIGATION. Active and passive mitigation systems. Soil depressurization systems, ventilation systems, sealing, etc.





#### **Air Testing and Investigation Services**

FER provides indoor air quality testing and investigations including mold, radon asbestos, lead and toxics. We offer visible emissions and stack testing and air pollution control engineering services.

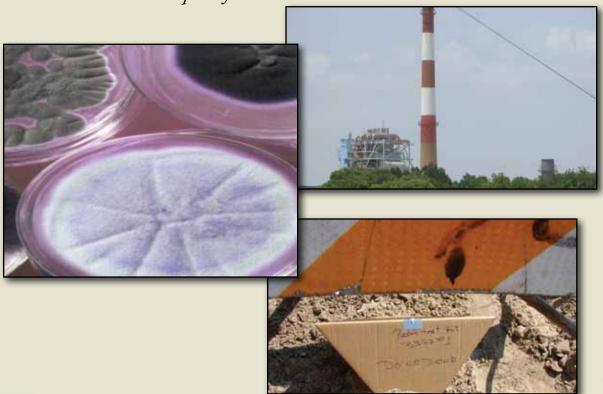
**INVESTIGATION AND TESTING**. We can investigate air quality problems including mold, radon, asbestos, lead and toxics and provide appropriate testing.

**MOLD**. Our certified professionals can perform air, wipe, swab and materials testing for mold and recommend corrective action, as necessary.

**RADON**. Our certified professionals can perform sampling, diagnostics and mitigation in homes, businesses and schools.

**ASBESTOS**. Inspections and sampling performed by certified professionals during Phase I, Phase II or pre-demolition.

**VISIBLE EMISSION, STACK TESTING AND ENGINEERING SERVICES**. Our trained personnel can perform visible emissions (EPA Method 9), stack testing in accordance with 40 CFR Parts 60, 61 and 63 and provide engineering consultation and services relative to numerous air quality issues.



# **Geotechnical and Material Testing and Inspection Services**

FER provides subsurface soil and hydrogeologic investigations and materials testing for small, medium and large structures, subdivisions and various construction projects.

**SITETESTING AND PREPARATION.** We provide subsurface soil testing and exploration for site preparation.

**MATERIALS TESTING.** Site development materials testing services include soils, concrete, asphalt, limerock, steel, soil cement, etc.

**SINKHOLE EVALUATION.** We can perform sinkhole evaluations and provide cost effective solutions for corrective action.

**LANDFILL AND HYDROGEOLOGIC STUDIES.** Our experienced geologists and engineers can perform landfill and hydrogeologic studies relative to land use and permitting.

**CONSTRUCTION ENGINEERING AND INSPECTION.** We can perform pre-construction and construction engineering and inspection services to meet your site specific project needs.



#### Why Choose FER

- Experienced knowledgeable professionals
- Cost effective project managers
- Personal approach to our clients
- Regulatory contacts
- Licensed and insured
- 100% Satisfaction



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Main Office

2029 Heatheroak Drive, Apopka, Florida 32703

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Locations Throughout Florida







