

ORIGINAL

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
Proposal Number: BC-03-17-11-25  
Opening Date: Thursday, March 17, 2011 at 2:00 PM

PROPOSAL RESPONSE COVER SHEET

THIS PAGE IS TO BE COMPLETED AND INCLUDED AS THE COVER SHEET FOR YOUR RESPONSE TO THE REQUEST FOR PROPOSALS.

The Board of County Commissioners, Leon County, reserves the right to accept or reject any and/or all bids in the best interest of Leon County.

Keith M. Roberts, Purchasing Director

John Dailey, Chairman  
Leon County Board of County Commissioners

This bid response is submitted by the below named firm/individual by the undersigned authorized representative.

BY Fortis Environmental Group, LLC  
(Firm Name)

Robert Leger  
(Authorized Representative)

Robert Leger  
(Printed or Typed Name)

ADDRESS PO Box 12998

CITY, STATE, ZIP Tallahassee, FL 32317

TELEPHONE (850) 385-5872

FAX (850) 385-5874

**ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)**

Addendum #1 dated \_\_\_\_\_ Initials \_\_\_\_\_ Addendum #3 dated \_\_\_\_\_ Initials \_\_\_\_\_  
 Addendum #2 dated \_\_\_\_\_ Initials \_\_\_\_\_ Addendum #4 dated \_\_\_\_\_ Initials \_\_\_\_\_

**PLEASE MARK WHICH CATEGORIES FOR WHICH YOU WISH TO BE CONSIDERED:**

- a. Stormwater Engineering
- b. Roadway Design
- c. Traffic and Intersection Engineering
- d. Structural Engineering
- e. Geotechnical Services
- f. Environmental Support Services
- g. Construction Engineering and Inspection Services
- h. Surveying
- i. Subdivision and Site Development Engineering
- j. Parks and Recreational Facility Engineering
- k. Utility Engineering



## GENERAL INFORMATION PROPOSAL

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## **A CONTRACTOR INFORMATION**

FORTIS ENVIRONMENTAL GROUP, LLC (Fortis) is a locally owned and operated small business in Tallahassee. Our office is located just off Raymond Diehl Road on Barrington Circle. Our address and phone numbers are as follows:

Mailing address: PO Box 12998  
Tallahassee, Florida 32317  
Physical address: 2560-1 Barrington Circle  
Tallahassee, Florida 32308  
Phone number: (850) 385-5872  
Facsimile number: (850) 385-5874  
  
Contact person: Robert Leger, PE  
Email address: bobby@fortisenvironmental.com

Fortis is proposing to complete all applicable work in-house. We are fully capable of meeting Leon County's environmental services needs. All work will be conducted from our Tallahassee office, using personnel who live and work in Leon County.

## **B EXECUTIVE SUMMARY**

FORTIS ENVIRONMENTAL GROUP, LLC (Fortis) is a small, emerging, woman-owned business enterprise founded in June 2003 on the owners' desires to utilize their combination of business and engineering expertise to provide the public and private sector with genuine, practical solutions for their environmental issues. Fortis is a Florida limited liability corporation and is registered as both a geology and engineering business. Copies of our corporate licenses are available upon request and can be independently verified using [myfloridalicense.com](http://myfloridalicense.com).

Although Fortis is a young company, our reputation is built on quality, customer service, and timeliness. Our clients include the Florida Department of Environmental Protection (FDEP), petroleum marketers located throughout the Southeastern United States, leading insurance companies including Chartis (formerly AIG), Zurich, and ACE, local financial institutions such as Capital City Bank and Tallahassee State Bank, private individuals, and cities and municipalities in Florida and Georgia.

Since our founding, Fortis has continued to grow at a steady rate – despite the recent economic set-backs that many of our clients and competitors have experienced. Our founders are fully committed to continuing to expand our resources and clientele. Fortis employs experienced industry professionals with an in-depth knowledge of federal, state, and local regulations. Our engineers, geologists, environmental scientists, technicians, and administrative personnel are highly qualified to meet our client's needs. Each Fortis employee assigned to work on Leon County projects will be fully committed to the project and will remain involved in the project execution throughout the duration. Fortis is a small company – all of our personnel are familiar with each of our clients and many of our individual projects. In the event that our workload exceeds our current capacity, Fortis is will hire additional and appropriately experienced personnel to meet our client needs.

Fortis is a turn-key environmental firm. We conduct "cradle-to-grave" site management and restoration activities. Our specialties are surface and groundwater quality monitoring, sediment and soil quality assessment, site assessments including Phase I Environmental Site Assessments for liability management, and site restoration and remediation. Fortis conducts assessment and remediation work in-house. We have a variety of large equipment available for use including a DPT and auger drilling rig for monitor well installation and soil assessment, a large diameter auger rig for remediation and stabilization walls, excavators, dump trucks, loaders, and a mobile concrete plant. We have conducted numerous hazardous waste assessments and remediation efforts as well as dealt with the more common non-hazardous petroleum waste sites.



Fortis is owned and operated by Robert (Bobby) and Kristi Leger. Both Leger's are actively involved in Fortis business operations. Unlike many firms – when you work with Fortis, you will not have to work your way through a long chain of managers and vice presidents to get a response to any concerns you may have about our work. Bobby and Kristi are available to meet and talk with you on a daily basis – whatever is necessary to make our clients satisfied.

The following persons are authorized to make representations for Fortis. All personnel listed below are located at the address listed in Section A of this proposal.

1. Robert "Bobby" Leger, PE  
Owner and Chief Executive Officer  
Cellular number: (850) 519-7540  
Facsimile number: (850) 385-5874
  
2. Kristi Leger  
Owner and President  
Cellular number: (850) 544-9325  
Facsimile number: (850) 385-5874
  
3. Laura Mooney  
Office Manager  
Cellular number: (850) 251-4982  
Facsimile number: (850) 385-5874
  
4. Pamela Jackson, PG  
Senior Professional Geologist  
Cellular number: (850) 980-3240  
Facsimile number: (850) 385-5874

**DECLARATION:**

This proposal made to Leon County is in all respects fair and in good faith, without collusion or fraud. The signatory of this proposal has the authority to bind principal proponent.

A handwritten signature in black ink, appearing to read "R. Leger", is written over a horizontal line.

---

Robert "Bobby" Leger, PE  
Chief Executive Officer  
Fortis Environment Group, LLC

## **C REQUIRED FORMS**

The following forms are attached to this section of the General Information Proposal:

- Affidavit Certification Immigration Laws
- Equal Employment Policies
- Insurance Certification Form
- Certification Regarding Debarment, Suspension, and Other Responsibility Matters Primary Covered Transactions
- Local Vendor Certification Form

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**AFFIDAVIT CERTIFICATION  
IMMIGRATION LAWS**

Leon County will not intentionally award County contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324 A(e) (Section 274a(e) of the Immigration and Nationality Act ("INA")).

Leon County may consider the employment by any Contractor of Unauthorized Aliens a violation of Section 274A(e) of the INA. Such violation by the Recipient of the employment provision contained in Section 274A(e) of the INA shall be ground for unilateral cancellation of the contract by Leon County.

BIDDER ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Fortis Environmental Group, LLC

Signature: [Signature] Title: Chief Executive Officer

STATE OF Florida  
COUNTY OF Leon

Sworn to and subscribed before me this 16 day of March, 2011.

Personally known Robert Leger

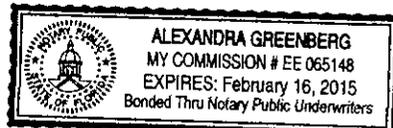
Alexandra Greenberg  
NOTARY PUBLIC

OR Produced identification \_\_\_\_\_

Notary Public - State of Florida

(Type of identification)

My commission expires: 2/16/15



Printed, typed, or stamped  
commissioned name of notary public

The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made.

**LEON COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION,  
AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.**

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**EQUAL OPPORTUNITY/AFFIRMATIVE ACTION STATEMENT**

1. The contractors and all subcontractors hereby agree to a commitment to the principles and practices of equal opportunity in employment and to comply with the letter and spirit of federal, state, and local laws and regulations prohibiting discrimination based on race, color, religion, national region, sex, age, handicap, marital status, and political affiliation or belief.
2. The contractor agrees to comply with Executive Order 11246, as amended, and to comply with specific affirmative action obligations contained therein.

Signed:

R. Eger

Title:

Chief Executive Officer

Firm:

Fortis Environmental Group, LLC

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INSURANCE CERTIFICATION FORM

To indicate that Bidder/Respondent understands and is able to comply with the required insurance, as stated in the bid/RFP document, Bidder/Respondent shall submit this insurance sign-off form, signed by the company Risk Manager or authorized manager with risk authority.

A. Is/are the insurer(s) to be used for all required insurance (except Workers' Compensation) listed by Best with a rating of no less than A:VII?

YES  NO

Commercial General Liability:

Indicate Best Rating:  
Indicate Best Financial Classification:

A+  
~~A+~~ XV

Business Auto:

Indicate Best Rating:  
Indicate Best Financial Classification:

A  
XV

Professional Liability:

Indicate Best Rating:  
Indicate Best Financial Classification:

A+  
XV

1. Is the insurer to be used for Workers' Compensation insurance listed by Best with a rating of no less than A:VII?

YES  NO

Indicate Best Rating:

Indicate Best Financial Classification:

VIII A

If answer is NO, provide name and address of insurer:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is the Respondent able to obtain insurance in the following limits (next page) for this professional services agreement?

YES  NO

Insurance will be placed with Florida admitted insurers unless otherwise accepted by Leon County. Insurers will have A.M. Best ratings of no less than A:VII unless otherwise accepted by Leon County.

Required Coverage and Limits

The required types and limits of coverage for this bid/request for proposals are contained within the solicitation package. Be sure to carefully review and ascertain that bidder/proposer either has coverage or will place coverage at these or higher levels.

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Required Policy Endorsements and Documentation

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Leon County, Florida, its Officers, employees and volunteers) -  
General Liability & Automobile Liability

Primary and not contributing coverage-  
General Liability & Automobile Liability

Waiver of Subrogation (Leon County, Florida, its officers, employees and volunteers)- General  
Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability,  
Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

Please mark the appropriate box:

Coverage is in place  Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all of the above insurer information is true and correct.

Name KRISTI LEGER  
Typed or Printed

Signature Kristi Leger

Date 3-15-11

Title BUSINESS MANAGER  
(Company Risk Manager or Manager with Risk

Authority)

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**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
And OTHER RESPONSIBILITY MATTERS  
PRIMARY COVERED TRANSACTIONS**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b) Have not within a three-year period preceding this been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph (1)(b) of this certification; and
  - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
3. No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.

D. Legez  
Signature

Chief Executive Officer  
Title

Fortis Environmental Group, LLC  
Contractor/Firm

PO Box 12998, Tallahassee, FL 32317  
Address

**LOCAL VENDOR CERTIFICATION**

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a) Has had a fixed office or distribution point located in and having a street address within Leon, Gadsden, Wakulla, or Jefferson County for at least six (6) months immediately prior to the issuance of the request for competitive bids or request for proposals by the County; and
- b) Holds any business license required by Leon County (or one of the other local counties), and, if applicable, the City of Tallahassee; and
- c) Is the principal offeror who is a single offeror; a business which is the prime contractor and not a subcontractor; or a partner or joint venturer submitting an offer in conjunction with other businesses.

Please complete the following in support of the self-certification and submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name: <u>Fortis Environmental Group, LLC</u>	
Current Local Address: <u>2500-1 Barrington Circle</u> <u>PO Box 12998</u> <u>Tallahassee FL 32317</u>	Phone: <u>850 385 5872</u> Fax: <u>850 385 5874</u>
If the above address has been for less than six months, please provide the prior address.  <u>N/A</u>	
Length of time at this address:	
Home Office Address: <u>SAME AS ABOVE</u>	Phone: Fax:

R. Leger  
Signature of Authorized Representative

03/14/2011  
Date

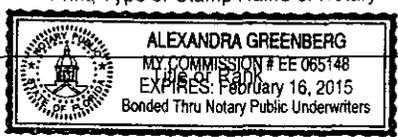
STATE OF Florida  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 16 day of MARCH, 2011.  
By Robert Leger, of Fortis Environmental Group, LLC  
(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

a Florida corporation, on behalf of the corporation. He/she is personally known to me  
(State or place of incorporation)

or has produced \_\_\_\_\_ as identification.  
(type of identification)  
Alexandra Greenberg  
Signature of Notary

**Return Completed form with supporting documents to:**  
  
Leon County Purchasing Division  
1800-3 Blair Stone Road  
Tallahassee, Florida 32308

Print, Type or Stamp Name of Notary  
ALEXANDRA GREENBERG  
  
Serial Number, If Any



ORIGINAL

Request for Proposals for Civil Engineering Services  
Specific Proposal for Environmental Support Services  
Leon County, Florida  
Proposal # BC-03-17-11-25

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## SPECIFIC PROPOSAL FOR ENVIRONMENTAL SUPPORT SERVICES

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## **A ABILITY OF PROFESSIONAL PERSONNEL**

### **1 Personnel**

FORTIS ENVIRONMENTAL GROUP, LLC (Fortis) currently employs two Professional Engineers, one Professional Geologist, one master's level geologist, two bachelor's level geologists, one master's level marine biologist, one chemical engineer, and one biologist. Our support personnel include an accountant, a sales manager, a part-time computer assisted drafting specialist, and several environmental technicians.

Leon County will have access to all of Fortis' employee resources. A single point of contact – Pamela Jackson, PG – will be assigned as the contract manager. She will coordinate with Leon County personnel on all projects. Individual personnel assigned to specific projects will remain assigned to that project until the work is completed, however Ms. Jackson will be intimately involved in each and every project authorized by Leon County. Fortis will not engage in the “bait and switch” game of only providing specific personnel “on paper”. Placing the right personnel on the project from the beginning is a very important part of maintaining both good client relationships and effectively implementing every project Fortis undertakes.

### **2 Resumes**

Key personnel assigned to the Leon County contract will be as follows:

- Pamela Jackson, PG will serve as contract manager and Professional Geologist for all projects.
- Robert Leger, PE will serve as Professional Engineer for all excavation remediation projects. He will design and oversee any conventional and non-conventional source removal activities that may be required.
- Brian Kelly, PE will serve as Professional Engineer for all other remediation projects. He will design and oversee treatment system installations as needed.
- Laura Mooney will serve as a backup contact for all Leon County contract work. As office manager, she is intimately involved in all projects, personnel assignments, and client maintenance.

Resumes for these personnel are provided in the paragraphs below.

#### Pamela Jackson

#### Senior Professional Geologist/Contract Manager

Ms. Jackson has over nineteen years of experience in the supervision of environmental assessment and remediation activities at petroleum- and hazardous waste-contaminated sites. She has worked within the CERCLA, RCRA, USEPA, OSHA, USGS, State of Florida (FDEP), and

other state regulatory environments.

Ms. Jackson coordinates and manages all aspects of field investigative activities and prepares or reviews associated deliverables. Her expertise includes project management, cost estimation, cost control, remedial system construction oversight, pipeline removal and closure, contaminated site assessment, operation of gas chromatograph, aquifer testing, downhole and surface geophysics, formulation of technical plans, data reduction, and report generation. Ms. Jackson also specializes in land management fields. These skills include Phase I and II Environmental Site Assessments, surface hydrology studies and restoration, vegetation surveys, and vegetation coverage estimates.

Ms. Jackson currently serves as Senior Professional Geologist for Fortis Environmental Group, LLC. She has held this role since August 2008 and is responsible for staff development, technical training programs, professional and technical document review, and plays the lead role in complex assessment projects. She is also responsible for creating proposals, client contacts, and project management of selected projects.

Ms. Jackson previously worked with WRS Infrastructure & Environment, Inc (aka WRScompass) for nearly 10 years. During her tenure there, Ms. Jackson worked as a contract manager and senior technical advisor. She managed several contracts including a hazardous waste cleanup contract with the Florida Department of Environmental Protection, a hazardous and non-hazardous waste cleanup contract with the Florida Department of Transportation, and several out of state contracts in South Carolina, Indiana, and Tennessee. She provided technical review and supervision on numerous large projects, including the Cascades Park remediation conducted for the City of Tallahassee and the Objective-based Vegetative Management projects promulgated by the Florida Fish and Wildlife Conservation Commission.

Ms. Jackson began her career working with ABB Environmental Services (aka MacTec). During the 7.5 years at this firm, Ms. Jackson developed her skills as a professional geologist working on large Department of Defense sites throughout the south eastern United States. These projects were highly varied, with contaminants ranging from "agent orange" to chlorinated solvents and arsenic. By the time Ms. Jackson left ABB, she was managing a 5 million dollar per year budget conducting assessment and remediation at the MCLB Albany marine base in Georgia.

Ms. Jackson holds a Bachelor of Science in Geology from the University of North Carolina. She is a licensed Professional Geologist in Florida, Georgia, North Carolina, and South Carolina. Her Florida PG License number is 2108. Ms. Jackson is also certified by the United States Army Corps of Engineers for Construction Quality Management for Contractors and as a Qualified Stormwater Management Inspector (#13380).

Robert Leger, PE

Chief Executive Officer and Design Engineer

Mr. Robert "Bobby" Leger is the co-founder and Chief Executive Officer for both Fortis Environmental Group, LLC, and Tri-Con, Inc (our environmental construction firm). Mr. Leger is a Florida-registered Professional Engineer (#60369), Florida General Contractor (#CGC1509726), and a Florida Licensed Pollutant Storage Systems Contractor (#PCC1256837). He has over fourteen years of environmental experience, both as a regulator and as a consultant.

Mr. Leger founded Fortis Environmental Group, LLC (Fortis), an environmental consulting firm specializing in the assessment and remediation of petroleum contaminated sites with his wife in 2003. Two years later he started a sister company specializing in environmental construction (Tri-Con). Mr. Leger acts as Chief Executive Officer for both companies. He is responsible for day-to-day management of both companies as well as design and supervision of all conventional and non-conventional excavation remediation projects.

While working with Advanced Environmental Technologies and Handex Environmental, Inc from 2000 to 2003, Mr. Leger was responsible for developing site specific remedial action plans and providing technical oversight for corrective action in the cleanup of subsurface contamination to levels below state regulatory criteria. His duties included providing technical oversight of Phase II environmental site assessments to determine extent of petroleum hydrocarbon contamination, developing technical guidance for full scale pilot tests of various subsurface remediation systems, performing and evaluating subsurface contaminant modeling (fate and transport), designing and providing oversight during installation and operation of contaminated groundwater and soil treatment systems, developing SWP3 and SPCC plans for industrial process plants and bulk fuel storage facilities, negotiating design strategies for contaminant corrective action with state regulatory officials, performing storm water management design, developing and performing storm water sedimentation studies to evaluate environmental impacts on receiving surface waters, and liaison for corporate functions.

Mr. Leger worked with the Alabama Department of Environmental Management for two years. During his tenure there, he was responsible for managing industrial and municipal effluent discharges to the surface waters in the state of Alabama. His duties included: developing water quality models of surface water bodies in the state of Alabama, developing Waste Load Allocations (WLA) for the prediction of environmental impacts to surface waters due to industrial and municipal effluent discharges, determining industrial effluent discharge concentration criteria based on WLAs and NPDES permitting standards, developing a Steady State Dissolved Oxygen Model for the prediction of surface water quality impacts due to industrial and municipal discharges, developing Total Maximum Daily Loading (TMDL) reports for impacted segments of surface waters listed on the 303d list, conducting site visits and



stream sampling surveys to collect pertinent data for accurate water quality modeling, and corresponding with industrial and municipal wastewater dischargers.

Mr. Leger holds a Master's of Civil Engineering, a Bachelor of Science in Chemical Engineering, and a Bachelor of Science in Environmental Science from Auburn University.

### Brian Kelly, PE

#### Professional Engineer

Mr. Kelly has over six years of experience in the management and remediation of petroleum-contaminated sites. His duties at Fortis include remedial system design and construction, coordinating all Operation and Maintenance (O&M) activities of remedial systems/equipment, providing engineering support to field technicians, data evaluation, mass balance calculations, milestones tracking, and preparation of quarterly O&M reports.

Mr. Kelly's engineering experience has included preparation of pilot test plans and specifications, conducting pilot tests to evaluate remedial technologies viability and provide design parameters for Remedial Action Plans, and preparation of Remedial Action Plans for petroleum contaminated sites. During his work on contaminated sites, he regularly utilizes core engineering principles to design soil and groundwater remediation systems using technologies such as air sparging, soil vapor extraction, multi-phase extraction, and in-situ bioremediation. He has developed system process and instrumentation diagrams and equipment bid specifications as well as coordinated remedial system installation including equipment procurement, permitting, scheduling of subcontractors and construction oversight.

Mr. Kelly worked with Advanced Environmental Technologies (AET) for two years, shortly after receiving his engineering degree. While with AET, Mr. Kelly worked under the supervision of a Professional Engineer. His duties included management of twelve sites with active Remedial Systems, coordination of O&M activities of remedial systems/equipment, data evaluation, mass balance calculation, milestones tracking and report preparation.

Mr. Kelly holds a Master of Science in Chemical Engineering and a Bachelor of Science in Chemical Engineering from the University of Alabama. He is a licensed Professional Engineer in the State of Florida (PE #69892)

### Laura Mooney

#### Operations Manager

Ms. Mooney has fourteen years of experience in the supervision of environmental assessment and remediation activities at petroleum- and chlorinated solvent-contaminated sites. She has worked within the State of Florida, State of Georgia, State of Missouri and State of Nebraska regulatory environments.

Ms. Mooney's expertise includes project management, cost estimation, cost control, remedial system construction oversight, environmental site assessments, monitor well design and installation, sampling of various media, quiescent groundwater and surface water sampling, natural attenuation sampling, aquifer testing, formulation of technical plans, data reduction, and report generation.

Ms. Mooney has worked with Fortis for the past five years. She currently serves as Operations Manager. In this role, she is responsible to coordinate staff scheduling, technical training programs, management of our staff. In addition to the role as operations manager, she is also the technical lead for environmental site assessment projects and is responsible for project management of approximately thirty projects funded under the preapproval program for the Florida Department of Environmental Protection (FDEP).

Ms. Mooney worked as an Environmental Specialist at FDEP for seven years. She provided management for the performance of site assessment and remedial action activities for state funded rehabilitation projects, assisted the Professional Geologist in the review and evaluation of proposals and technical documents for technical adequacy, and compliance with Chapter 62-770, Florida Administrative Code, and assisted in the evaluation of funding allocation proposals and preparation of funding allocation agreements. Ms. Mooney also monitored, reviewed, and assessed rulemaking activities of the water management districts through inventory of existing and revised rules, contact with district rule coordinators, and review of rule amendments for consistency with Ch. 62-40, F.A.C. She assisted in the review of the District Water Management Plans and Regional Water Supply Plans and represented the Department of Water Shortage Issues.

Ms. Mooney worked for one year with Burns and McDonnell in Missouri. During her time there, she provided Assistance to division project managers on Phase I field investigations, prepared scopes of work, field sampling plan, quality assurance project plans, and site health and safety plans, and provided technical oversight during monitoring well and soil boring installations.

Ms. Mooney worked for the North Florida Water Management District for one year. While there, she coordinated activity for the Ch. 62-524 delineated areas program, prepared monthly and quarterly activity report to FDEP, served on the water well contractor workgroup, and served as the project manager for the District well abandonment program and provided technical oversight for the field technicians for well construction inspections

Ms. Mooney holds a Bachelor of Science and a Master of Science in Geology from Auburn University.

### **3 Subcontractors**

As discussed earlier within the proposal, Fortis will self-perform nearly all activities listed under environmental support services. No sub-consultants will be used for any activities unless special licensing (such as asbestos licensing) is required. A list of potential subcontractors and the services they provide is shown below:

Tri-Con, Inc. As discussed earlier, Fortis' sister-company is Tri-Con, Inc. Tri-Con is located in the same office as Fortis. Tri-Con is an environmental construction firm specializing in conventional excavation, large diameter auger excavation, treatment system installation, and non-hazardous waste transportation services. Any work conducted by Tri-Con will be performed as if those personnel worked for Fortis. There will be no mark up or additional fees associated with any work performed by our sister company.

TestAmerica, Inc. Laboratory services will be provided by TestAmerica. Fortis utilizes their laboratory located in Tallahassee, Florida. We have found that TestAmerica offers excellent service, quality data, and very competitive pricing.

Wiregrass Archaeological Consulting, LLC. Cultural and archaeological assessments will be provided by Wiregrass. This is a small firm located in Dothan, Alabama. They have extensive experience in south Alabama, Georgia, and north Florida.

Each potential subcontractor has worked with Fortis and Tri-Con personnel on similar projects and we have established a relationship based on sound, reliable business practices. We realize that superior relationships with our subcontractors are effective not only for our company, but for the client as well. We include subcontractors in daily tailgate meetings during field activities to ensure safety and efficiency for the task at hand. We regularly meet with the principals of subcontracted companies to ensure clear lines of communication and superior performance. Our commitment to excellence in service and technology will be of the utmost benefit to Leon County under this contract.

In addition to these potential subcontractors, other minor service subcontractors such as sanitary services, plumbing, electricians, and material suppliers, may be utilized to provide full support for this contract. These secondary subcontractors will be required to competitively bid services on an as needed and will be licensed as appropriate for their line of business.



## **B EXPERIENCE WITH PROJECTS OF SIMILAR TYPE AND SIZE**

Fortis has been conducting environmental assessment and remediation since their formation in 2003. Fortis has successfully conducted hundreds of site assessments and completed remedial action designs many of those sites. We have received site closure on approximately half the sites that have been managed by Fortis – a fact that keeps our customers and regulatory contacts pleased with our work quality and knowledge. The following paragraphs are just a few examples of Fortis’ environmental experience. They will demonstrate that Fortis can effectively complete any environmental support service that Leon County may require.

### **1 Projects**

#### **Johnson & Johnson #20 Project**

##### **CLIENT INFORMATION**

Mr. Jay Johnson  
The Kinjac Corporation  
Post Office Box 157  
Madison, Florida 32340  
(850) 973-2277

##### **PERFORMANCE PERIOD**

October 2005 to Present

##### **AGENCY INFORMATION**

FDEP, Petroleum Cleanup Program  
Roland Smith  
(850) 245-8920

##### **PROJECT SUMMARY**

Johnson & Johnson Store #20 (J&J #20) is a petroleum-impacted site located in Lake City, Columbia County, Florida and managed by Ms. Mooney. Mr. Leger is the engineer of records for this site. The site is the location of a vehicular fueling facility and was under investigation by other consultants from 1993 to 2005. In October 2005, the property owner designated Fortis as their consultant. Fortis conducted an extensive file review, collected a limited number of soil samples, and recommended that an interim source removal (ISR) be conducted. The ISR was approved by FDEP and Fortis began the work in January 2008.

Prior to mobilizing the construction equipment, Fortis contacted Sunshine Locate Services, a Florida utility location service to identify the underground utilities on the property and within the area surrounding the subject facility. Fortis personnel walked the site and met with the property owner to familiarize themselves with the site and utilities both above and underground. Additionally, the excavation boundaries were surveyed and verified on the site plans. Fortis personnel supervised the construction crew (Tri-Con, Inc.) during the installation of a temporary security fence around the area of excavation.

On January 21, 2008, Fortis and Tri-Con personnel mobilized to the site and began

removing/disposing of the existing paving in the proposed excavation area. A dewatering/treatment system was delivered, installed and on January 23, 2008, Fortis personnel supervised Tri-Con during startup and operation of the dewatering system. The dewatering system operated continuously from January 23 through February 7, 2008 and a total of 709,716 gallons of groundwater was discharged from the excavation area under Permit Number FLG912897.

Once the dewatering system was operating, excavation activities were initiated using conventional heavy equipment. During excavation, two (2) previously undiscovered 1,000-gallon USTs were unearthed. FDEP was notified and permission to remove and dispose of the USTs and their contents was obtained. A total of 1,800 gallons of petroleum contact water (PCW) was recovered and disposed during the UST removals.

During excavation activities, Fortis onsite personnel performed OVA screening. Soil exhibiting an OVA response greater than 10 parts per million (ppm) was considered contaminated. Based on this soil screening, the final depth of the excavation was approximately 12 feet below land surface (bls). This was four feet deeper than the original remedial design, but ensured total removal of accessible source material. A total of 1,774.16 tons of contaminated soil was removed. Once soil screening data indicated that petroleum contamination was no longer present, Fortis personnel collected sidewall and floor soil samples for laboratory confirmation.

Following the completion of the excavation and confirmation soil sampling activities, Fortis applied 330 pounds of calcium peroxide (oxidizing/oxygen releasing agent) to the bottom and sidewalls (saturated zone) of the excavation area to reduce potential rebound of petroleum residual contaminant concentrations. The excavation was then backfilled in (2) foot lifts and density tests (Standard Proctor Density per ASTM D1557) were performed to ensure proper compaction. The final site restoration consisted of ~2,100 ft<sup>2</sup> of 6-inch fiber reinforced concrete surface and 3,000 ft<sup>2</sup> of 2- inch asphalt surface with a 6-inch limestone aggregate base.

A review of the soil confirmation analytical results indicated that the bulk of onsite petroleum source soils were removed from the referenced facility, however, concentrations above soil cleanup target levels were detected along the western and southern boundaries of the excavation. The boundaries were both roads and further excavation was not permitted in those area. Currently, Fortis personnel awaiting approval to utilize a chemical injection to address any lingering soil contamination beneath the two roads.

## **Williams Meat & Grocery Site**

### **CLIENT INFORMATION**

William Williams  
WMG Holdings, LLC  
PO Box 421  
Sanderson, FL 32087  
(904) 275-2145

October 2003 to Present

### **AGENCY INFORMATION**

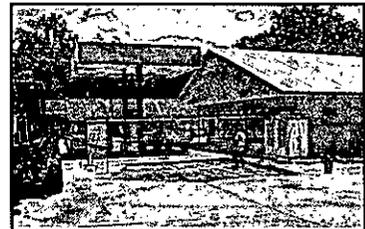
FDEP, Petroleum Cleanup Section 6  
Creed King  
(850) 877-1133

### **PERFORMANCE PERIOD**

#### **PROJECT SUMMARY**

The Williams Meat and Grocery site is located at 14212 US Highway 90, Sanderson, Baker County, Florida. This site is managed by Ms. Mooney and Mr. Kelly is the current engineer of records for this site. This facility currently operates as a convenience store and gasoline station. Historically, unleaded, leaded, kerosene, and vehicular diesel were stored and sold at the facility. A release was reported in October 1991 and the site was accepted into the Petroleum Liability Insurance Program in April 1993. In 1994, another consultant completed a Contamination Assessment Report. Further assessments were conducted in 2000 and 2001. Free phase petroleum product, groundwater contamination, and soil contamination were determined to be present at the site. Although remedial activities were undertaken, none were successful. Due to the presence of petroleum contamination and the proximity of 37 potable water wells, the facility received an imminent threat status determination from FDEP in early 2003. Frustrated with the lack of progress at the site, the property owner assigned the site to Fortis in October 2003.

Fortis personnel conducted a detailed file search, operator interviews, and limited additional assessment activities. In May 2004, Fortis recommended a source removal (SR) to address petroleum contaminated soil and free product. The SR was conducted in early 2005 using conventional excavation methods. Approximately 2,455 tons of contaminated soil was removed and disposed. Extensive dewatering was conducted during the excavation activities and free-phase hydrocarbon product present on the water table was removed. The existing underground storage tank was pulled by Fortis' sister-company, Tri-Con, and a second subcontractor installed a replacement tank system in the excavation prior to backfilling. The site was restored with clean fill and a concrete surface. Soil confirmation samples indicated that the known source material had been successfully removed.



Following the source removal and tank upgrade, supplemental site assessment activities resumed with focus on the delineation of the dissolved groundwater contamination within the intermediate and deep aquifer. Additional monitor wells were installed using hollow stem



auger techniques and five quarters of natural attenuation monitoring (NAM) were conducted.

After five quarters of groundwater monitoring, concentrations of petroleum constituents did not indicate a strong decreasing trend. Fortis' engineers reviewed the site data and proposed using iSOC<sup>®</sup> technology to facilitate groundwater cleanup and site closure. This type of in situ groundwater bioremediation process relies on microorganisms stimulated through the control of environmental factors (increased oxygen levels) to create highly aerobic conditions, which increases metabolic destruction of contaminant concentrations in groundwater. The iSOC system efficiently delivers gas to the groundwater by mass transfer and supersaturates the treatment well with dissolved oxygen (DO). The supersaturated DO disperses around the well into the adjacent groundwater forming the aerobic treatment zone. During negotiations with FDEP, groundwater monitoring continued at the site. By October 2007, groundwater contaminant concentrations had begun to show a stronger decreasing trend and Fortis recommended delaying the impending groundwater remedial action for one year. FDEP and the client concurred with the delay. At this time, groundwater contaminant concentrations have decreased to below natural attenuation default concentrations and Fortis' will likely recommend continued NAM rather than implementation of the iSOC remedial design.

## **221 Gas & Grill**

### **CLIENT INFORMATION**

Rick and Jay Patel  
34301 Blanton Road  
Dade City, FL 33526  
(850) 584-9211

### **PERFORMANCE PERIOD**

March 2007 to June 2009

### **AGENCY INFORMATION**

FDEP, Petroleum Cleanup Team 5  
Ian Tiang  
(850) 531-9860

## **PROJECT SUMMARY**

The 221 Gas & Grill is located at 3525 Highway 221 in Perry, Taylor County, Florida. This project was managed by Mr. Leger. The facility is currently a convenience store offering unleaded gasoline and diesel fuel. It has been in service since 1982. At the time Fortis became the consultant for this site, the existing fuel tank had been in place since 1990 and did not comply with the secondary containment upgrades required by FDEP.

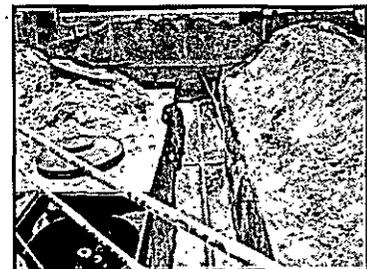
Fortis completed a thorough record review and recommended the advancement of 12 soil borings utilizing direct push technology. The soil borings were continuously cored and the soil was screened for volatile organic compounds with an organic vapor analyzer. Five (5) soil samples representing high organic vapor concentrations were collected and shipped to a FDEP-approved laboratory for analysis by EPA Methods 8021B (BTEX and MTBE), 8270 (PAH), FL-PRO (TRPH). The analytical data confirmed the presence of petroleum contamination and this new

data was utilized along with existing data to propose a source removal rather than in-situ remediation. FDEP concurred with the remedial evaluation and Fortis coordinated the excavation activities with the site owner's tank upgrade activities. This team effort resulted in cost savings to both the client and FDEP, as well as reduced the amount of down-time experienced by the fueling facility.

In April 2008, the Fortis project manager and engineer mobilized to the site for a pre-construction meeting. They conducted a site walk and familiarized themselves with the site layout and utilities. Sunshine Locate Services, a Florida utility location service, was contacted to identify the underground utilities. All monitor wells within the excavation area were properly abandoned. Finally, temporary security fence was installed around the proposed excavation to prevent accidental public access to the area.

On April 30, 2008, Fortis personnel and the construction crew (Tri-Con, Inc.) mobilized to the site and began removing and disposing the existing asphalt/concrete surfacing in the proposed excavation area. Following removal of the paving, Tri-Con personnel removed and disposed the existing four (4) 6,000-gallon USTs and associated product transfer lines and canopy in accordance with Chapter 62-761, FAC and the American Petroleum Institute's Recommended Procedure 1604 (RP 1604), "Removal and Disposal of Used Underground Storage Tanks". A separate subcontractor was utilized to install the replacement USTs after the source removal was completed.

Subsequent to UST removal, Tri-Con began excavating petroleum impacted soils from the FDEP approved area of excavation. A total of 886.73 tons of petroleum impacted soils were excavated to a depth of approximately 12-feet bls. The contaminated soils were direct loaded onto dump trucks and hauled under non-hazardous waste manifests to an approved facility located in Thomasville, Georgia. During the source removal activities, Fortis personnel collected a total of eight confirmation soil samples from the bottom and sidewalls of the excavation pit. The samples were shipped to an FDEP approved laboratory for analysis by EPA Method 8260 (BTEX and MTBE), 8270C (PAH), and FL-PRO (TRPH).



Following the completion of the excavation and confirmation soil sampling activities, Fortis personnel applied approximately 330 pounds of calcium peroxide (oxidizing/oxygen releasing agent) to the bottom and sidewalls (saturated zone) of the excavation area to reduce potential rebound of petroleum residual contaminant concentrations. The excavated area was backfilled with clean fill material placed in 2-foot lifts to ensure proper compaction. Density tests (Standard Proctor Density per ASTM D1557) were performed and the results recorded for every

2,000 square feet per two-foot vertical lift. Site restoration included installation of a 6-inch limestone base and approximately 4,150 square feet of 6-inch 4,000 psi fiber and steel rebar re-enforced concrete. UST pad resurfacing consisted of approximately 750 square feet of 8-inch 4,000 psi fiber and steel rebar re-enforced concrete.

Confirmation soil samples confirmed that all known petroleum-impacted soils had been successfully removed during the excavation activities. Fortis has recommended that several site monitor wells be replaced and sampled to determine the status of the ground water contamination post soil remediation.

### **Highway 98 ER**

#### **CLIENT INFORMATION**

Mr. Don Everett  
Ware Oil Supply Company  
2715 South Byron Butler Parkway  
Perry, Florida  
(850) 584-6666

#### **PERFORMANCE PERIOD**

2006 to Present

#### **AGENCY INFORMATION**

FDEP, Northwest District Office  
Charles Reyes  
(850) 595-0577

#### **PROJECT SUMMARY**

In October 2003, a fuel-delivery truck operated by Ware Oil Supply Company (WOSC) was involved in a crash on US Highway 98 near the city of Newport, Wakulla County, Florida. This project is managed by Ms. Jackson. The crash resulted in the release of over 8,500 gallons of unleaded gasoline and up to 300 gallons of diesel fuel. WOSC's emergency response contractor responded immediately to the spill and removed just over 660 tons of petroleum-impacted soil. Additional assessment, conducted by another consultant in 2005, revealed that residual contamination remained in the soil and groundwater. In 2006, WOSC designated Fortis as their petroleum cleanup contractor for this site.

In April 2006, Fortis personnel supervised the installation of seven shallow, single-cased monitoring wells and one deep, double-cased monitoring well. Due to the shallow water table (less than 2 feet) and the presence of an adjacent wetland, the monitor wells were designed to be viable and accessible even in the presence of standing water.



Most of the monitor wells were installed using hollow stem auger techniques; however three wells located within a wetland area were installed using a hand auger and jetting with potable water. This approach prevented unnecessary damage to the wetland area.

Groundwater sampling results indicated that petroleum constituents remained present in the surficial aquifer at concentrations above

cleanup target levels. The levels were slightly above natural attenuation default concentrations and Fortis recommended monitoring for a six month period (two additional sampling events). FDEP concurred and after the additional monitoring results were obtained, Fortis personnel evaluated groundwater quality results, trends, and associated modeling and used this data to develop a remedial action plan (RAP). The RAP was submitted in December 2006 and recommended In-Situ injection of a chemical oxidation agent to address the contaminated media. The selected chemical agent was Cool-Ox<sup>®</sup>. The Cool-Ox<sup>®</sup> Process uses calcium peroxide to generate the oxidizing radicals and subsequent oxygen enrichment. The RAP was approved and the injection activities were implemented in March 2008. Prior to the source area remediation activities, a FDOT right-of-way permit was obtained. A round of baseline groundwater samples were also collected from site wells prior to injection activities. Due to the shallow water table and sandy soils, the Cool-Ox<sup>®</sup> was injected directly into the water table using hand-installed stainless steel probes. This prevented the need to install injection wells. Because the plume extends to both sides of US Highway 98, and work in the road was not permitted, the site was divided into two injection areas (one on each side of the highway). Injection points were spaced 4-feet apart in a grid pattern on the side with the highest contaminant concentrations. The spacing on the other side was increased to 5-foot centers, due to the lower concentrations and in an effort to control costs. A total of 102 injections were completed.



Groundwater monitoring has been conducted at the site for the past two years. No petroleum contaminants have been detected for over one year.

### **J&J#6 Innovative Remediation Technology**

#### **CLIENT INFORMATION**

Mr. Jay Johnson  
The Kinjac Corporation  
Post Office Box 157  
Madison, Florida 32340  
(850) 973-2277

#### **PERFORMANCE PERIOD**

October 2005 to Present

#### **AGENCY INFORMATION**

FDEP, Northeast District Office  
David Lubinski  
(904) 807-3359

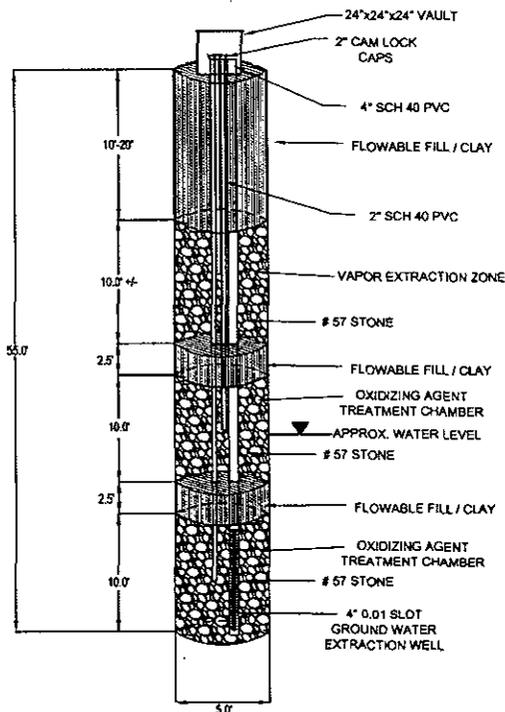
### **PROJECT SUMMARY**

The Johnson & Johnson #6 facility (Site) is located on the east side of State Road (SR) 255 just north of the I-10 and SR-255 intersection in Lee, Madison County, Florida. This project is managed by Ms. Jackson and Mr. Kelly is the current engineer of records. This site currently operates as a convenience store that serves unleaded gasoline and vehicular diesel from above ground storage tanks (AST). Fortis was selected to complete and implement a remedial design for this site in late 2005.

After evaluating the existing data, collecting limited additional data to fill in gaps, and closely reviewing the site lithologic information; Fortis initially recommended the implementation of a source removal using conventional technology. Due to the location of the contamination, however, excavation could negatively impact our client's business at this store location. Thus Fortis' engineers returned to the "drawing board" and, working with FDEP, completed an innovative design that met both the FDEP cleanup requirements for the site and did not impact business on the site.

In October 2007, Fortis submitted the Remedial Action Plan for installation of a permeable barrier treatment partition (PBTP). The plan was approved in January 2008 and implemented in spring of 2008.

The remediation implementation activities included limited excavation of the petroleum source contamination in the vicinity of both existing dispenser islands and the AST containment dike. The source removal was conducted using 26 LDA borings and conducted as part of the installation of the PBTP network. Activities were conducted in a two phases and, as with all invasive work, utility clearances and a pre-construction meeting were held prior to start of onsite activities.



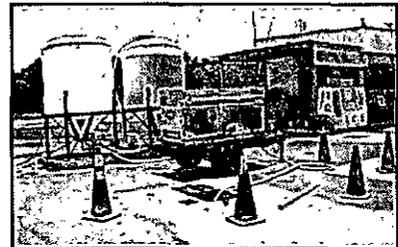
Phase I focused on direct push technology (DPT) soil screening to refine the PBTP locations and design, followed by the installation of the PBTPs subsequent source material removal. Twenty-six soil borings were advanced and continuously screened with an OVA. The data was sent daily to the engineer of record for review. Once the soil borings were completed, the Fortis engineer used the screening data to develop a specific PBTP design for each of the 26 cells.

The PBTP cells were spread across the site, perpendicular to groundwater flow, in nine rows. Once each individual design was completed, Tri-Con's LDA was utilized to excavate to 55 feet bls (approximately 49 cubic yards of contaminated soil). The excavated soil was characterized and disposed off site. The PTBC was then constructed in the open LDA hole. Each PBTP cell consists of two to three several chambers filled with # 57 stone. The chambers are segregated with seals (flowable fill) and PVC wells

were placed in each chamber. The individual chambers in each PBTP cell were designated for use as vapor extraction cells, groundwater extraction wells, or injection zones for oxidizing agent; thus each PBTP could be used for as many as three different remedial technologies. A plan view of a typical PBTP cell is shown to the left and a surface view is shown below.

Phase II consisted of the actual implementation of the in-situ remediation activities. Shallow PBTP chambers were originally designed for vapor extraction (VE). However, the Phase I soil data did not indicate the presence of sufficient shallow soil contamination to warrant the cost of a vapor extraction system. Several VE-capable chambers were installed at the highest soil screening locations for possible future use as passive vents or for injection. Central and select deep PBTP chambers were utilized for the injection of calcium peroxide. The location of each chamber and the high transmissivity of the chamber construction allow the groundwater to preferentially flow toward and through the PBTP cells. During the injection activities, the calcium peroxide slurry (CPS) was pumped into the selected PBTP chambers. Each chamber has a 588 gallon capacity, so a 20 percent overflow margin was added and 700 gallons of CPS was pumped into each chamber. Two injection events using the PBTP cells have been conducted to date.

A third and final injection event is scheduled for the summer of 2011. This last injection event will utilize DPT injection points in order to specifically target the small areas of lingering petroleum impacts. Fortis anticipates final site closure some time in 2013.



### **US Highway 319 Emergency Response**

#### **CLIENT INFORMATION**

Mr. Don Everett  
Angler Trucking  
2715 South Byron Butler Parkway  
Perry, Florida  
(850) 584-6666

#### **PERFORMANCE PERIOD**

September 2010 to March 2011

#### **AGENCY INFORMATION**

FDEP, Petroleum Cleanup Section 6  
Creed King  
(850) 877-1133

#### **PROJECT SUMMARY**

This site was the location of a diesel fuel spill on Capital Circle in Tallahassee, Leon County, Florida. This project was managed and implemented by Ms. Jackson. The spill occurred as a result of vehicular accident involving a fuel tanker truck and a privately operated automobile on September 16, 2010. The vehicular accident caused a breach of the fuel tanker and released approximately 1,500 gallons of unleaded gasoline. The release occurred on a hillside and fuel ran down the east side (northbound) curbed pavement of Capital Circle approximately 50 feet and into a Florida Department of Transportation (FDOT) storm sewer. This storm sewer



continues to flow downhill where it crosses Capital Circle NE and turns west along Wednesday Street. The stormsewer continues to flow west along the north side of Wednesday Street, then turns southwest and flows into Wednesday Street Stormwater Pond (WSS Pond). Overflow from the WSS Pond flows through various ditches and sewers to Goose Pond (another stormwater retention pond), discharges from Goose Pond to the NE Drainage Ditch (maintained by City of Tallahassee), and eventually flows to Lake Lafayette. Only the Capital Circle north bound lane, the storm sewer between the accident location and the WSS Pond, and the WSS Pond were impacted by the petroleum release.

Fortis Environmental Group, LLC (Fortis) was conducted the emergency response and product recovery at the release site for our existing client. A brief summary of the response activities is provided below.

On the night and morning that the accident occurred, Fortis personnel recovered approximately 500 gallons of fuel was recovered prior to entry into the sewer through the use of sand bags and a soil berm. A total of 22.68 tons of petroleum impacted soil (sand and soil used to construct berms) was removed and disposed at the Thomasville Georgia Landfill. A total of 8,900 gallons of free phase petroleum and petroleum contact water (PCW) removed from the accident area and stormwater sewer along Capital Circle NE. Adsorbent booms were placed in the WSS Pond and the two western sewer manholes along Wednesday Street.

The following day, product skimming was conducted at storm sewer outfall using adsorbent booms. A lined roll-off bin was delivered to contain spent booms generated during the product skimming activities. A total of 4,101 gallons of PCW was removed from the stormwater sewer along Wednesday Street.

On Day 2, the adsorbent booms were replaced in the WSS Pond. A double barrier consisting of two adsorbent boom lines was used to isolate the impacted area portion of WSS Pond. Additional product skimming was conducted in east end of the WSS Pond. Product skimming was attempted in southeastern corner of the pond, but heavy vegetation prevented access. Product (heavy sheen) coating vegetation in that area was noted by the skimming crew. A total of 4,833.73 gallons of PCW and sludge removed and disposed.

On Day 3, a total of 4,790.36 gallons of PCW removed from the storm sewer along Wednesday Street. All manholes were cleared using an organic vapor analyzer and PCW recovery efforts from the sewer were ceased. The adsorbent booms were removed from all but one manhole (1<sup>st</sup> manhole east of Pond area).

On Day 4, additional boom deployed across the WSS Pond. Adsorbent pillows were deployed

around impacted vegetation area to mop product and sheen noted in that area. The field crew also noted that pond water levels continued to drop.

On Day 5, All accessible floating vegetation in the impacted portion of the WSS Pond was cut by Prism Ecological Services (Prism), removed from pond, and containerized in a lined roll-off bin. Some areas of the southeastern portion of the WSS Pond were now inaccessible to the floating cutting equipment because of the lowered water levels. Fortis then arranged for Prism to mobilize a walking excavator and an all-terrain dump truck to remove remaining vegetation and top 1-inch of sediment. While waiting for the removal equipment to arrive, Fortis personnel constructed a double-lined holding area for vegetation and sediment removal operations. Once the removal equipment was mobilized to the site, vegetation and sediment removal operations were initiated and were completed the following day.

Once all recovery efforts were complete, Fortis personnel sediment and surface water samples to ensure that all impacted media had been removed from the site. Approximately 2 weeks after the spill (once a rainfall event had occurred), Fortis personnel removed all booms and pilots from WSS Pond. Within 30 days from the event all activities for the site including report submission were completed. On March 10, 2011, FDEP issued a site closure for this incident.

## 2 Contracts

The following is a list of projects where Fortis is currently conducting active work.

Job Number	Facility Name	Completion Date of Current Contract	Brief Description
18305	Johnson & Johnson #5	TBD	site back into funding 03/2011; scope of work in discussion with FDEP
11404	Nugget #5	9/20/2011	Operation and Maintenance for two quarters followed by contaminated soil removal
11405	Sunrise Food Mart	TBD	Contaminated soil excavation-work order pending from FDEP
14004	Nugget #45	4/29/2011	Operation and Maintenance of remediation system
11389	Former Hinson Oil - Bulk Plant	TBD	Bid package in progress for building demolition and contaminated soil excavation



Request for Proposals for Civil Engineering Services  
 Specific Proposal for Environmental Support Services  
 Leon County, Florida  
 Proposal # BC-03-17-11-25

<b>Job Number</b>	<b>Facility Name</b>	<b>Completion Date of Current Contract</b>	<b>Brief Description</b>
17705	Suwanee Swifty # 190	n/a	Bid Package in review by FDEP
13904	Waco Food Store #8	n/a	Remedial Action Plan in review by FDEP (Groundwater Treatment System)
11137	Former Sylvias Grocery	n/a	Remedial Action Plan in review by FDEP (Groundwater Treatment System)
11147	Amoco McClellan	n/a	Remedial Action Plan in review by FDEP (Contaminated soil Excavation)
13704	BP - Mashas Sand	3/17/2011	post active remediation monitoring
11003	McWilliams Realty	8/25/2011	Operation and Maintenance of Remediation System
18905	Wardlow Smith	3/30/2011	post active remediation monitoring
18405	Johnson & Johnson #19	4/29/2011	Remediation System Construction for Groundwater Treatment system
13004	Madison Fina	8/15/2011	Operation and Maintenance of remediation system
11103	Milliron Realty	5/31/2011	post active remediation monitoring
18505	Johnson & Johnson #20	n/a	Remedial Action Plan in review by FDEP (chemical injection)
12904	Former Ward's Grocery	6/24/2011	Supplemental Site Assessment following by Remedial Action Plan for Large Diameter Auger Excavation
1703	Barber Property	5/16/2011	Natural Attenuation Monitoring
16105	Johnson & Johnson #2	n/a	Source Removal Report in review by FDEP
13604	Sindhu Food Mart	12/15/2011	post active remediation monitoring



Request for Proposals for Civil Engineering Services  
 Specific Proposal for Environmental Support Services  
 Leon County, Florida  
 Proposal # BC-03-17-11-25

Job Number	Facility Name	Completion Date of Current Contract	Brief Description
16005	Johnson & Johnson #25	9/30/2011	Underground Storage Tank upgrade and contaminated soil excavation
11309	Former Sunday Property	TBD	scope of work in discussion with FDEP
15004	Former Handy Way	6/30/2011	soil and groundwater monitoring
19606	Searcy Realty	TBD	scope of work in discussion with FDEP
11400	Country Inn	n/a	Groundwater Monitoring
14204	Waco Food Store #3	TBD	scope of work in discussion with FDEP
16405	D&S Convenience	n/a	Supplemental Site Assessment Report in review by FDEP
11349	Seaside	5/6/2011	Supplemental soil and groundwater monitoring
1903	BP Mart / Torode Amoco	6/30/2011	Natural Attenuation Monitoring
19506	Former McDaniel Trucking	4/17/2011	post active remediation monitoring
17905	Johnson & Johnson #4	3/15/2011	post active remediation monitoring
19005	Texaco-Davis-Stewart	3/15/2011	post active remediation monitoring
19205	Fast Track 429	3/15/2011	Natural Attenuation Monitoring
15404	Shell - Pippins (IT)	9/30/2011	contaminated soil excavation and chemical injection chambers
11203	William's Meat & Grocery (IT)	8/26/2011	post active remediation monitoring



Request for Proposals for Civil Engineering Services  
 Specific Proposal for Environmental Support Services  
 Leon County, Florida  
 Proposal # BC-03-17-11-25

Job Number	Facility Name	Completion Date of Current Contract	Brief Description
14704	Former Roof Systems	TBD	scope of work in discussion with FDEP
1603	Archers Service Station	TBD	scope of work in discussion with FDEP
11401	Gene's Transmission	n/a	Natural Attenuation Monitoring report in review by FDEP
11026	Bayou George	n/a	Supplemental Site Assessment in review by FDEP
11402	BP Hicks	7/14/2011	Groundwater Monitoring
16605	Munchies Pit Stop	TBD	scope of work in discussion with FDEP
11379	Former D&A Produce	5/31/2011	monitoring well repair/replacement and monitoring
16305	Petty's Zippy Lube	4/29/2011	post active remediation monitoring
19806	Hogly Wogly #6	8/15/2011	Remedial Action Construction for mobile treatment
11167	Exxon South Monroe	3/18/2011	Bid Package
34405	Madison Motors	5/13/2011	Supplemental Site Assessment
11406	Village Grocery	5/6/2011	soil and groundwater monitoring
11407	Moore's Machine and Welding	TBD	scope of work in discussion with FDEP



### ***3/4 Process and Procedures for Insuring Current Design Standards, Codes, and Other Regulatory Direction Are Utilized***

All environmental work conducted in Leon County falls under the purview of the Florida Department of Environmental Protection (FDEP). Although some responsibilities have been delegated to the Leon County Department of Growth and Environmental Management, FDEP has developed the regulatory rules and guidelines that must be followed for most environmental issues. It should be noted that in certain instances, particularly those related to CERCLA sites, the United States Environmental Protection Agency (USEPA) may be the regulatory administration that a site may be subject to.

The Fortis Contract Manager, Ms. Jackson, has nearly 20 years experience working with FDEP and USEPA. Additionally, as a Professional Geologist, Ms. Jackson is legally bound to follow all appropriate standards and codes applicable to her work. Ms. Jackson will hold full responsibility for all work conducted under this contract and will ensure that all assigned personnel understand the importance of performing quality work that meets regulator standards and operating procedures.

### ***5 Basic and Special Resources Available to Fortis***

Fortis' Tallahassee office is equipped with the personnel and equipment necessary to provide the environmental services required by Leon County under this solicitation. The experience and skillsets our personnel hold are discussed in Section A of this proposal.

Fortis also owns and maintains nearly all equipment that may be required to conduct environmental work. This equipment includes trucks, trailers, computers, cellular phones, oil water interface probes, organic vapor analyzers, pH meters, conductivity meters, dissolved oxygen meters, various types of pumps, hand augers, a drilling rig, excavation equipment, a concrete plant and a concrete mixing truck, dump trucks, and a large diameter auger rig. We also keep a large supply of expendable materials on hand in our warehouse. The items include calibration fluids and gases, spill response materials, tubing, well materials, valves, meters, gauges, and safety equipment. All of these items are located here in Leon County and are available for use on this contract.

## **C WILLINGNESS TO MEET SCHEDULE AND BUDGE REQUIREMENTS**

The Contract Manager, Ms. Jackson, will be responsible for overall project tracking and schedule control. As part of her responsibilities, she will identify potential time- saving areas, any unscheduled delays, and review the tasks to be completed for each active project. Potential time-saving areas will be explored and implemented, if also cost-effective. A detailed plan to mitigate any delays will be developed for each project. One of Fortis largest advantages when it comes to schedule control is our size: our Contract Manager will not have to work through a maze of corporate authority levels to obtain the resources necessary to complete a project on time. And because we conduct nearly all work in-house with our own equipment, delays related to subcontractor coordination and equipment rental will not occur.

Cost tracking and budget control provide dual benefits to Fortis and their personnel. Cost effective, value-added work result in satisfied clients. Sound cost controls also result in good profits, company growth, and repeat clients. These factors mean that our staff is highly motivated to provide timely and accurate budget monitoring. Our Contract Manager will utilize the construction software "AccuBuild" as her primary tool to monitor costs. This tailor-built program will provide Ms. Jackson with accurate cost data for each project on a weekly basis. She will use this information to ensure that the project budget remains on target and to identify and correct potential overruns quickly.

Communication is another aspect of contract management that is underutilized by many consultants. A clear understanding of a client's schedule and budget are necessary to provide quality services. Good communication involves all parties associated with a project: Fortis personnel, client personnel, and local/state regulators. Depending on the nature of the project, consideration for communication with private property owners or the general public must also be considered. Communication with local officials, state regulators, and Leon County will be handled by both Ms. Jackson, the Fortis Contract Manager.



## **D EFFECT OF FIRM'S RECENT, CURRENT, AND PROJECTED WORKLOAD**

A list of current contracts was provided in Section B-2 of this proposal. Much of the work conducted by Fortis is awarded on a per-task basis, thus only projects with open tasks were presented.

Fortis is not only willing, but eager to absorb any and all projects the County may see fit to assign to us. We fully commit to purchasing additional equipment and hiring additional qualified personnel if it is necessary to meet our workload. As discussed in earlier sections, Fortis already owns a respectable quantity of equipment and supplies and employs a highly qualified staff. We are capable of conducting field work at up to eight sites simultaneously – although we have never had to do so as of the writing of this proposal.



## **E EFFECT OF PROJECT TEAM LOCATION**

As discussed earlier, Fortis is located in Leon County, Florida. All of our personnel live and work in the County. Ms. Jackson, the Contract Manager, has lived and worked in Leon County for nearly 20 years. All Fortis personnel are familiar with the Leon County area and will be able to respond to client emergencies and community concerns in a quick and knowledgeable manner. With Fortis, Leon County will entirely avoid expensive mobilization costs sometimes associated with “experts” at other, larger firms. ALL of our expertise is located right here.

## **F APPROACH TO THE PROJECT**

All communication, initial site-visits, cost estimation, and client meetings will be handled by the Fortis Contract Manager, Ms. Jackson. When Leon County identifies a new project or environmental issue, Ms. Jackson will immediately conduct a site visit and records review prior to completing a proposed scope of work and estimate for the County. This initial site visit, record review, and estimate preparation will be completed at no cost to Leon County. Costs will not be incurred until the estimate is approved and Fortis is given clearance to begin work.

Once clearance to begin work is provided by the County, Ms. Jackson will select a project team to conduct any associated field work. All work will be supervised by Ms. Jackson unless the work is specifically a remediation event, in which case the work would be supervised by the engineer of record (Mr. Leger or Mr. Kelly). Even in those cases, Ms. Jackson will remain in control of the project and will be ultimately responsible for a quick and cost effective completion of the project.

All deliverables or reports required for this contract will be authored by Ms. Jackson. Junior staff will work under her direct supervision and all work will be carefully reviewed by her prior to submission to the County. All documents and deliverables that must be submitted to a regulatory agency will be approved by the County prior to submission. The timeframe allotted for County review will be dependent upon the project-specific schedule. Deliverables will be provided to the County in the format of their choice – electronic or paper.

Once a project is completed, all records for the project will be maintained electronically by Fortis for a period of five years. Once the five year period has expired, all associated documents for completed projects will be deleted.