



January 11, 2010

Benjamin Pingree, County Administrator
Wakulla Co. Board of County Commissioners
P. O. Box 1263
Crawfordville, FL 32327

Re: Wakulla County Lower Bridge Landfill
FDEP Facility ID# 0013134
Proposal for Compliance and Evaluation Monitoring
Jones Edmunds Proposal No.: 95154-007-10

Dear Mr. Pingree:

Jones Edmunds prepared the following proposal to provide compliance and evaluation monitoring and reporting services for the Wakulla County Lower Bridge Landfill. The compliance monitoring is required by FDEP Permit # 0013134 as modified on August 28, 2007. The evaluation monitoring is required in FDEP correspondence dated October 21, 2008. This proposal also includes preparing the permit-required Two-Year Technical Groundwater Report. The duration of the project will be from January 31, 2010 through January 31, 2011.

The proposed scope of services is as follows:

TASK 1—Conduct FDEP-Permit-Required Compliance Monitoring

- Jones Edmunds will conduct two semiannual groundwater and surface water monitoring events, which will include the following:
 - Sample nine groundwater monitoring wells—2 detection wells, 4 compliance wells, 1 background well, and 2 assessment wells—semiannually as outlined in Specific Condition #3.6.g of the permit.
 - Sample the retention pond at location SW-1 semiannually as outlined by Specific Condition #3.6.g of the permit.
 - Analyze the groundwater samples for the parameters listed in Specific Condition #3.6.h. Analyze the surface water samples for the parameters listed in Specific Condition #3.6.j.
 - Measure depth-to-water in a continuous round in the groundwater monitoring wells before sampling activities. The depth-to-water measurements will be used to prepare groundwater potentiometric surface maps.
 - Prepare two semiannual compliance reports. The reports will include a summary letter, authorized signature pages, a groundwater contour map, analytical data summary tables of groundwater and surface water results, field data sheets, Parameter Monitoring Report forms, and the laboratory analytical report.

730 NE Waldo Rd
Gainesville, FL 32641

352.377.5821 Phone
352.377.3166 Fax
www.jonesedmunds.com

- Submit the semiannual reports to FDEP. Two hardcopies of each report will be provided to the County. Two hardcopies of each report will be submitted to FDEP. All data will be submitted to FDEP in EDD format compatible with ADaPT via email.
 - The First Semiannual 2010 Report is due by April 1, 2010.
 - The Second Semiannual 2010 report is due by October 1, 2010.
- Jones Edmunds will conduct one annual leachate sampling event.
 - Sample the two leachate collection wells annually as outlined by Specific Condition #3.6.k of the permit.
 - Analyze the leachate samples for the parameters listed in Specific Condition #3.6.k.
 - Include results of the leachate sampling with the first semiannual groundwater monitoring report as required in Specific Condition #3.6.o.
 - The annual leachate report is due to FDEP by October 1, 2010.
- Jones Edmunds will conduct four quarterly landfill gas monitoring events.
 - Measure landfill gas (LFG) concentration as percent of the lower explosive limit of Methane quarterly at 23 monitoring locations—13 structures and 10 gas probes.
 - Submit the quarterly reports to FDEP. One hardcopy of each report will be provided to the County.
 - The quarterly LFG monitoring reports are due to FDEP fifteen days following the sampling event.

TASK 2—Conduct FDEP-Required Evaluation Monitoring

- Jones Edmunds will conduct four quarterly groundwater evaluation monitoring events. The sampling events will be conducted 1st Quarter 2010 through 4th Quarter 2010.
 - Sample six groundwater monitoring wells—MW-10, MW-11, MW-12, MW-22, MW-23, and MW-24—quarterly as required in FDEP correspondence dated October 21, 2008.
 - Analyze the groundwater samples for the parameters listed in FAC 62-701.510(8)(a) and (d).
 - Prepare four quarterly evaluation monitoring reports. The reports will include a summary letter, authorized signature pages, a groundwater contour map, analytical data summary tables of groundwater and surface water results, field data sheets, Parameter Monitoring Report forms, and the laboratory analytical report.
 - Submit the quarterly reports to FDEP. Two hardcopies of each report will be provided to the County. Two hardcopies of each report will be submitted to FDEP. All data will be submitted to FDEP in EDD format compatible with ADaPT via email.

Benjamin Pingree
January 11, 2010
Page 3

- The 1st Quarter 2010 Report is due by April 1, 2010.
- The 2nd Quarter 2010 Report is due by July 1, 2010.
- The 3rd Quarter 2010 Report is due by October 1, 2010.
- The 4th Quarter 2010 Report is due by January 1, 2011.

TASK 3—Prepare the Two-Year Technical Groundwater Report (Biennial Report)

- Jones Edmunds will prepare the biennial report which analyzes and interprets the groundwater analytical and elevation data collected over the past 2 years. The report is required by Specific Condition 3.6.v of the permit. The report will include at a minimum all items outlined in Specific Condition 3.6.v of the permit. The report will be submitted to FDEP by April 1, 2010.

BUDGET FOR PROPOSED TASKS

The proposed hourly rate plus direct costs fee is as follows:

Task 1— Conduct FDEP-Permit-Required Compliance Monitoring	\$23,303.00
Task 2— Conduct FDEP-Required Evaluation Monitoring	\$46,804.00
Task 3— Prepare the Two-Year Technical Groundwater Report	\$ 5,624.00
TOTAL	\$75,731.00

With your approval we will perform this work as Task Order #12 under the continuing Solid Waste Services Contract. The proposed time and materials fee not to exceed amount is \$75,731.00. We appreciate the opportunity to provide this proposed scope of work and we look forward to working with you on this project. Please call me if you have any questions.

Sincerely,



Troy D. Hays
Project Manager

\\Gnv-projects\projects\22500-WakullaCounty\MKTG\95154-007-10-Lower Bridge 2010 compliance monitoring\2010\2010-01-11-PR-BPingree-Lower BridgeCompliance-EvaluationMonitoringSampling-Reporting2010.doc

Attachment

ATTACHMENT 1
TASK ORDER FORM

**AGREEMENT BETWEEN WAKULLA COUNTY AND
JONES EDMUNDS & ASSOCIATES, INC.
FOR PROFESSIONAL SERVICES**

SOLID WASTE TASK ORDER NO. 12

This **SOLID WASTE TASK ORDER**, made and entered into this ___ day of _____ 2010 by mutual agreement of the parties hereto, is made a part of the Agreement for Professional Services dated April 30, 2004 by and between Wakulla County (OWNER) and Jones, Edmunds & Associates, Inc. (Jones Edmunds) [ENGINEER], and by being made a part of said Agreement is therefore subject to the conditions and considerations contained therein, unless otherwise provided herein.

This **SOLID WASTE TASK ORDER** consists of providing engineering services described in the Workscope and Fee Estimate attached hereto. This Solid Waste Task Order consists of providing all engineering and related services described in the Workscope attached hereto as a letter from Troy D. Hays dated January 11, 2010, and incorporated herein by reference, and the Fee Estimate contained in the 2010 Wakulla Lower Bridge Compliance and Evaluation Monitoring – Task Assignment No. 12, which is also attached hereto and incorporated herein by reference.

The maximum compensation authorized by this **SOLID WASTE TASK ORDER** is a not-to-exceed amount of \$75,731. Compensation for these services shall be in accordance with the Agreement for Professional Services.

IN WITNESS WHEREOF, the parties hereto have accepted, made and executed this **SOLID WASTE TASK ORDER**, upon the terms and conditions above stated on the day and year first above written.

ENGINEER:

COUNTY:

JONES, EDMUNDS & ASSOCIATES, INC.

WAKULLA COUNTY

By: 

By: _____

Stanley F. Ferreira, Jr., P.E.
Chief Operating Officer

Benjamin Pingree
County Administrator

ATTEST

ATTEST

Name: 

Name: _____

Title: Contracts + Liability

Title: _____

Date: 2/4/10

Date

*monk
TL*