

**ADDENDUM #1  
TO  
SPECIFICATION AND CONTRACT DOCUMENTS**

**August 17, 2012**

TO: ALL PLAN HOLDERS

FOR: ITB-025-2012  
Water Quality Sampling and Lab Testing Annual Contract

This addendum sets forth changes and/or additional information as referenced and is hereby made a part of and should be attached to the subject Specifications and Contract Documents.

**Contractor must acknowledge receipt of all addenda with proposal on the form provided herein.**

**The purpose of addenda # 1 is to provide additional information and to answer submitted questions.**

- 1) Can you provide some clarification of the “web” requirement Part I, A. 1. (page 4)?  
**We need to be able to access the results in a timely fashion as all compliance analysis done by our contract laboratory and our FDEP (Florida Department of Environmental Protection) permit reporting requirements are on strict time clocks. We have found web access to analytical results on line to be the most effective and timely.**
- 2) As per Part I B.1., it looks as if we are not to submit our certification and approved scopes with our submittal, is that correct?  
**We are required by our FDEP permit to have our contract laboratory DOH (Department of Health) certification on file before any analysis can be performed for the City of Lake City’s compliance parameters. It can be submitted, but is not required with the submittal. It is absolutely required and must be submitted prior to the start of the contract as stated.**
- 3) Part I, E.1. refers to well sampling, can you provide the number of wells and approximate depth of each?  
**Spray field Monitoring wells- 10 wells/75-95 feet (well Depth)/39-76 feet (to H2O). Bio-solid site Monitoring wells-6 wells/102-160 feet (well Depth)/75-88 feet (to H2O). These are 2 inch wells at both locations. .” Also - Monitoring Wells at Sprayfield are tested Quarterly, monitoring wells at Bio-solid Site (Branford Road) are tested monthly.**
- 4) Item 1 A. Digested Sludge: you refer to POTW Sludge Sampling and Analysis Guidance Document to get parameter information, however, in reading the document we did not see a specific listing of required parameters. Can you provide the required list of parameters for your sludge analysis?

## Sludge Analysis

<u>Parameters</u>	<u>Units</u>
Nitrogen, Sludge, Tot, Dry Wt (as N)	%
Phosphorus, Sludge, Tot, Dry Wt (as P)	%
Potassium, Sludge, Tot, Dry Wt (as K)	%
Solids, Total, Sludge, Liquid	%
pH	s.u.
Calcium Carbonate Equivalent	%
* Arsenic	mg/kg
* Cadmium	mg/kg
*Copper (as CU)	mg/kg
*Lead	mg/kg
*Mercury	mg/kg
*Molybdenum	mg/kg
*Nickel	mg/kg
*Selenium	mg/kg
*Zinc	mg/kg
*All Dry weight Sludge/ Performed Quarterly	

- 5) Item 1 B.1.f. refers to “Permit Condition A. #10 , page 6 of Permit”, please provide the referenced document.

**See attached document – “Permit Condition A. #10 , page 6 of Permit”.**

- 6) Item 1. B. 4 PAR sampling – will this be sampled daily for Fecal Coliform?

**Presently we will be operating the PAR (Public Access Reuse) 5 days a week or less depending on customer needs. We do not intend to operate in the immediate future (the next fiscal year) on weekends or holidays. These sampling events may be zero for any given week or other extended time frames for any number of causes; weather (heavy rain events, flooding, hurricanes, etc.), mechanical failure or other unforeseen event that would affect compliant product being produced and distributed to our customers. In the future these sampling events could (and will at some point as the customer base for PAR expands) increase to 7 days per week at a maximum unless FDEP requires additional sampling for whatever reason they deem necessary.**

- 7) Item 1. C refers to the St. Margaret’s Facility IPP DMR. Please provide the referenced document.

**See attached document Pretreatment DMR-Part A – It is important that all chemical names are listed as they are on this Annual IPP (Industrial Pretreatment Program) DMR further all units MUST BE REPORTED as shown on the DMR.**

- 8) Item II. A. GW Monitoring Wells - how many wells and at what depths?

**See question #3 and response “Spray field Monitoring wells- 10 wells/75-95 feet (well Depth)/39-76 feet (to H2O).” Also - Monitoring Wells at Sprayfield are tested Quarterly, monitoring wells at Bio-solid Site (Branford Road) are tested monthly.**

- 9) Item III A. 1. Approximately how many times do you estimate this sampling to be performed?

**Since these are unplanned and/or accidental events there is no way for even a reliable estimate to be given. It could be zero for an entire contract term (unlikely), or it could be over 30 or more events in a month’s time period in response to specific**

**process or system failures, or other unexpected and major event events such as hurricanes, flooding, severe lightning strikes, mechanical failure, etc.**

**10)** Item III B. 1. Do you require 2,3,7,8-Tetrachlorodibenzo-o-dioxin (TCDD) analysis?

**See attached Pretreatment DMR.**

**11)** Item III D. 1. Background Surface Water – do you just need the containers, or containers and analysis for total nitrogen?

**We need both the containers and analysis for total Nitrogen.**

**12)** Our laboratory facility is located in Jacksonville, does that disqualify us from bidding?

**No.**

Addendum No. 1      Dated\_\_\_\_\_

Signature:\_\_\_\_\_

**THIS FORM MUST BE INCLUDED WITH BID PROPOSAL**

PERMITTEE: Lake City Regional Utility  
FACILITY: St. Margaret WWTF

PERMIT NUMBER: FLA113956-009  
EXPIRATION DATE: July 17, 2016

EFA-3 ; (MG)

**TN** = Monthly Maximum concentration of TN collected at EFA-1 or EFA-2 or EFA-3; (mg/L)

**TP** = Monthly Maximum concentration of TP collected at EFA-1 or EFA-2 or EFA-3; (mg/L)

**Total [NO3+NO2-N]** = Monthly Maximum concentration of Total [NO3+NO2-N] collected at EFA-2; (mg/L)

- b. The annual mass load is computed using a rolling or moving twelve (12) month period. The calculation shall be the sum of the twelve most recent monthly mass loads of nitrite+nitrate, total nitrogen or total phosphorus starting from the current (reporting) month and eleven previous months, as noted below:

$$\text{Total Annual Mass Load}_i = (\text{ML})_i + \sum [(\text{ML})_{i-1} + (\text{ML})_{i-2} + (\text{ML})_{i-3} + \dots + (\text{ML})_{i-11}]$$

$$[\text{Cumulative Annual Load} = \text{ML}(\text{current month}) + \text{Total ML}(\text{previous 11-months})]$$

10. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, odor, and corrosivity). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department's Northeast District Office by **June 28** of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. [62-601.300(4)][62-601.500(3)][62-610.300(4)]