State of Florida



Hublic Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE:

April 18, 2014

TO:

Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk

FROM:

Sonica C. Bruce, Economic Analyst, Division of Economics

RE:

Docket No. 130178-SU - Application for staff-assisted rate case in Polk County by

Crooked Lake Sewerage Company.

The attached documents were sent to the Division of Accounting and Finance on April 7, 2014. The Utility provided a second proposal for pro forma items and responses to Staff's First Data Request.

14 APR 18 PM 1: 03



ACCOUNTING & FINANC

PROPOSAL

April 4, 2014

Project: CROOKED LAKE SURGE TANK AND SLUDGE DRYING BED

Garrard Building Contractors, LLC proposes to furnish labor/material to complete the scope of work listed below per Watson Britt Engineering and Bennett and Associates:

- Construct a 24,000 gallon surge tank and a 10,000 gallon digester tank
 - o Includes foundation and soil preparation
 - o Piping of the associated tanks and tie in to existing system
 - o Electrical hookup for the blowers
 - DEP Certification from the engineer of record
- Construct a 20 foot by 40 foot sludge bed to include the following:
 - o Masonry wall perimeter total height 5'4"
 - o Concrete footer to support masonry wall
 - Underground piping stubbed out 5' for connection by others
 - o 30 mil poly pond liner
 - o Aggregate and sand per plan
- Other
 - o Bond Excluded
 - Change orders to be reviewed and negotiated prior to any c/o work commencing.
 - Garrard Not responsible for delays in schedule due to rain/weather delays, escorts, security, natural disaster, etc.
 - This Proposal is good for 30 days from above date
 - o Material will be ordered upon signed agreement and Contract received.
 - Price \$359,612 (see attached breakdown with allowance item)

Please call if you have any questions.

Thank you in advance for the opportunity to price this project.

Thank You,

Dong Stern 863-207-0569

Doug Stern

From:

Britt [watsonbritt@tampabay.rr.com] <

Sent:

Friday, February 21, 2014 10:41 AM

To: Cc: Doug Stern 'Andrew Britt'

Subject:

RE: Crooked Lake Engineering pricing

Follow Up Flag:

Follow Up

Due By: Flag Status: Tuesday, March 04, 2014 5:37 PM

Flagged

Doug,

We plan to design, develop construction drawings (34,000 gallon tank), and handle all the FDEP submittals and certifications for a lump sum price of \$4,500.00.

We will have construction cost early next week that will include a splitter box and bar screen, a 24' x 24' x 10' tank (8' operational depth) with 2-5000 gallon compartments. Also we will include the cost for a cover (optional).

It was a pleasure meeting you and we look forward to working with you!

Respectfully,

Britt Watson P.E. President Watson-Britt Engineering, LLC P.O. Box 127 Eaton Park, Florida 33840 863-581-2722

From: Doug Stern [mailto:doug.stern@garrardinc.com]

Sent: Wednesday, February 19, 2014 8:53 AM

To: britt@w-b-eng.com Cc: Gaines@constaflow.com

Subject: Crooked Lake Engineering pricing

Britt,

It was a pleasure meeting you yesterday. As discussed, if you can get us the pricing for the design services by end of this week would be great.

Feel free to call me if you have any questions.

Thanks,

Doug Stern

Garrard Building Contractors, Inc.

863-207-0569-

H.L. BENNETT & ASSOCIATES, INC.

◆ CIVIL ENGINEERING ◆ LAND SURVEYING ◆ CONSTRUCTION

P.O. Box 2137 LaBelle, Florida 33975 Phone: (863) 675-8882 hlb@hlbennett.org 241 E. Yeomans Avenue LaBelle, Florida 33935 Fax: (863) 675-1327

February 27, 2014

Mr. Doug Stern
Garrard Building Contractors, Inc.
5574 Commercial Blvd.
Winter Haven, Florida 33880

Re: Crooked Lake WWTP

Dear Mr. Stern;

Listed below is our proposed scope of work and fee for the proposed improvements at the wastewater plant.

.. Scope of Work

- 1) Survey existing treatment plant area to locate all facilities.
- 2) Prepare site plan showing new flow equalization tank and digester.
- 3) Prepare construction drawings for site built tanks and shed enclosure for blowers.
- 4) Final inspection and certification to FDEP.

Fee

Our fee for the above services will be \$7,500.00

Please call me if you have any questions.

Sincerely,

H. L. Bennett, PE, PLS

Doug Stern

Subject:

FW: Crooked lake treatment plant

From: Kriss Kaye [mailto:kkaye@envisors.com] Sent: Wednesday, March 19, 2014 5:48 PM

To: Louis Garrard; Doug Stern

Subject: FW: Crooked lake treatment plant

Louis and Doug:

See the comments below from Brian in my office regarding the engineering costs for what you have requested and assuming we will not receive more additional information (e.g. existing as-builts) beyond what you have provided to us.

If you need a formal proposal, we would first like to discuss directly with you possible ways of reducing the following costs by evaluating with you the proposed scope and design options. We are very competitive when it comes to apples to apples comparisons. Notwithstanding, in this instance our scope includes 'getting up to speed time and effort' and is likely more comprehensive then your current engineer's scope as it includes particular design elements (such as electrical and some structural engineering), in lieu of us passing it on as a performance criteria to the GC or contractor performing the work.

Thank you for your assistance.

Regards,

Kriss Y. Kaye, P.E., CFM Principal

Envisors, LLC 2105 Dundee Road

Winter Haven, Florida 33884

863.324.1112 o 863.294.6185 f

http://www.envisors.com

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SEE NET PAGE

From: Brian Chandler

Sent: Friday, March 14, 2014 1:57 PM

To: Kriss Kaye

Subject: FW: Crooked lake treatment plant

The design portion will cost about \$23,100 and take 3-6 weeks depending on how fast the client answers questions. This is assuming using precast structures and adequate existing electrical supply. Designing cast in place structures will add cost. Because there are no existing record drawings or known elevations on the site, these would need to be established (because gravity flow is permitted).

The Construction Administration portion including O&M Manual, Record Drawings, and Certifications of Completion will be around \$30,730. This is based on a max of 8 weeks of construction with 3 hours per week of onsite observation. Some of that cost can be reduced if the construction goes faster and the submittal process is streamlined. This pricing also includes payment at completion of milestones; completion of construction drawings prior to construction, substantial completion prior to certification to FDEP, completion of O&M and record dwg's prior to certification, and final payment.

If the potential client is shopping for engineering (by the way the current engineer is not retiring soon) and would like to reduce the cost of this scope we can provide a smaller scope to accommodate; however, it would depend on the potential client being able to work closely with us and be willing to take on more responsibility and risk. The client would need to clearly understand that out of scope charges will apply and could be substantial.

Let me know if he would like to discuss and negotiate a smaller scope.

Thanks, Brian

From: Kriss Kaye

Sent: Tuesday, March 11, 2014 4:50 PM

To: 'Louis Garrard'; 'Doug Stern'

Subject: RE: Crooked lake treatment plant

It is something that we do.

Seeing what has been completed made me wonder why you would want us to provide a proposal to perform a lot of redundant effort, e.g., engineering calculations and design work (required in order for us to accept responsibility). Now that I understand he is retiring, it now makes more sense.

I will proceed to develop a proposal unless I hear back from you that you have changed your mind.

Regards,

Kriss Y. Kaye, P.E., CFM Principal

2105 Dundee Road

Winter Haven, Florida 33884

863.324.1112-0

863.294.6185 f

http://www.envisors.com

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Deb Null

Subject:

FW: SARC App Questions

Attachments:

Rate case A.pdf; Rate case B.pdf; Rate Case C DMR Copies.xlsx; Engineering first data

request.doc

Below and attached are some outstanding questions to your letter "Engineering first data request"

- (a) describe the capacity and the basis ... provide a copy of the page of the DEP permit showing permitted capacity. Please see attachment marked as Rate Case A. This includes the first two pages of the permit. I put a red tab next to the section that describes the permitted capacity that you need to use to explain that the plant is 0.060 mgd with a THREE MONTH ROLLING AVERAGE">THREE MONTH ROLLING AVERAGE. Gaines said this is very important because they are averaging use over 3 months and not 12. Also in that attachment are copies of the blank DMR showing the permitted capacity.
- (b) as stated in the letter, the permit had expired and there was a consent order. Please provide relevant correspondence....Please see attachment marked as Rate Case B. It is the only pertinent letter I could locate since you took over the system. I believe permit has been sent.
- (c) provide a schedule showing the monthly total flows in Excel if possible from June 2012 to June 2013 as reported in the DMR. We only have access to the DMR information from when we started running the facility in March, 2013 through July, 2013. I pulled each one and converted it to an Excel file and have attached as Rate Case C.
- (d) maintain a written list of complaints... we do not have access to any complaints and located none on the DEP database for any time with this facility. No complaints received/recorded.

This should address each item on the letter as received. My apologies in taking a bit to get them back to you.

Deb Null

GARRARD FRAMING & DRYWALL

5578 Commercial Blvd Winter Haven, FI 33880 863-967-3992 863-968-1816 Fax deb.null@garrardinc.com 14 APR -7 AMII: 40
ACCOUNTING & FINANCE

COMMISSIONERS: RONALD A. BRISÉ, CHAIRMAN LISA POLAK EDGAR ART GRAHAM EDUARDO E. BALBIS JULIE I. BROWN





DIVISION OF ECONOMICS JAMES W. DEAN DIRECTOR (850) 413-6410

Public Service Commission

November 18, 2013

Crooked Lake Sewerage Company 5578 Commercial Blvd. Winter Haven, FL 33880

Re: Re: Staff-Assisted Rate Case for Crooked Lake Sewerage Company, in Polk County, Docket No. 130178-SU

Dear Mrs. Null:

In order to complete our analysis for the staff-assisted rate case for the Crooked Lake Sewerage Company, staff needs the following information.

- (a) Please describe the capacity and the basis (such as annual average daily flow, three-month average daily flow, or maximum month average daily flow) as stated for the permitted wastewater treatment plant capacity on the most recent operating permit issued by the Florida Department of Environmental Protection (DEP). As part of the response, please provide a copy of the page of the DEP Permit showing the permitted capacity.
- (b) As stated in a letter from your company to the DEP dated November 14, 2011, the permit had expired and there was a Consent Order. Please describe the current state of compliance with all state and federal regulation. As part of the response, please provide a copy of relevant correspondence, inspection reports, notices of violation, or consent orders.
- (c) Please provide a schedule, in Excel form if possible, showing the monthly total flow and its average daily flow each month from June 2012 through June 2013, as reported in the Discharge Monitoring Reports filed with the DEP.
- (d) Pursuant to Rule 25-30.130, F.A.C., each utility shall maintain a record of written complaints received by the utility from any of the utility's customers. Please provide a list of complaints received during the past three years and an explanation of how each was resolved.

Crooked Lake Sewerage Company Page 2 November 18, 2013

- (e) Please describe any significant change in customer base and assets (land, treatment facilities, pumps, storage tanks, water distribution system, collection systems, and lift stations) owned by the utility since 2006.
- (f) Please describe any planned or future expansion of your service area.

Please submit the above information to the Office of Commission Clerk by September 11, 2013. If you have any questions, please contact Daniel Lee by phone at (850) 413-6836.

Sincerely,

Sonica Bruce Economic Analyst

SB

cc: Division of Accounting and Finance (Prestwood, Mouring, Golden)
Division of Economics (Daniel, Hudson, Bruce)
Division of Engineering (Vickery, Lewis, Lee)
Office of General Counsel (Tan)
Office of Commission Clerk (Docket No. 130178-SU)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest District Office 13051 North Telecom Parkway Temple Terrace, Florida 33637-0926 RICK SCOTT GOVERNOR HERSCHEL LAINVARDUR, SECRETARY

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Crooked Lake Park Sewerage Company

PERMIT NUMBER: PA FILE NUMBER:

FLA013038

FLA013038-006-DW3P/NR

EFFECTIVE DATE: EXPIRATION DATE:

July 31, 2013 July 30, 2018

RESPONSIBLE AUTHORITY:

Louis F. Garrard, Managing Member 5578 Commercial Boulevard Winter Haven, FL 33880-1008 louisg@garrardine.com (863) 967-3992

FACILITY:

Crooked Lake Park Sewerage Company WWTF
East Lane and Caloosa Lake Circle North
Lake Wales, FL 33859
Polk County
Latitude: 27° 50' 1" N Longitude: 81° 35' 7" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

TREATMENT FACILITIES:

Operation of an existing 0.060 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type III, extended aeration domestic wastewater treatment plant consisting of: nine aeration basins with a total volume of 60,750 gallons, two clarifiers with a total volume of 12,100 gallons and 162 square feet of surface area, one chlorine contact chamber of 1,830 gallons total volume, and one digester of 5,000 gallons. This plant is operated to provide secondary treatment with basic disinfection.

MODIFICATION:

Construction of one flow splitter box and bar screen, one equalization basin of 24,000 gallons total volume, one digester of 10,000 gallons total volume, and one sludge drying bed.

AFTER MODIFICATION:

Operation of an existing 0.060 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type III, extended aeration domestic wastewater treatment plant consisting of: one flow splitter box and bar screen, one equalization basin of 24,000 gallons total volume, nine aeration basins with a total volume of 60,750 gallons, two clarifiers with a total volume of 12,100 gallons and 162 square feet of surface area, one chlorine contact chamber of 1,830 gallons total volume, two digesters with a total volume of 15,000 gallons, and one sludge drying bed. This plant is operated to provide secondary treatment with basic disinfection.

FACILITY: PERMITTEE:

Crooked Lake Park Sewerage Company WWTF

Crooked Lake Park Sewerage Company

PERMIT NUMBER:

FLA013038

REUSE:

Land Application: An existing 0.060 MGD Annual Average Daily Flow (AADF) permitted capacity Part IV rapid-rate land application system (R-001). R-001 consists of two-cell Rapid Infiltration Basins (RIB) of 23,200 square feet of bottom surface area. R-00l is located approximately at latitude 27° 50' 2" N, longitude 81° 35' 6" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in Pages 1 through 17 of this permit and the accompanying Discharge Monitoring Report (DMR).



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest District Office 13051 North Telecom Parkway Temple Terrace, Florida 33637-0926 RICK SCOTT GOVERNOR HERSCHET I. VINYARDJR. SECRETARY

July 31, 2013

In the Matter of an Application for Permit by:

Mr. Louis F. Garrard, Managing Member Crooked Lake Park Sewerage Company 5578 Commercial Boulevard Winter Haven, FL 33880 louisg@garrardinc.com PA File No. FLA013038-006-DW3P/NR Crooked Lake Park Sewerage Company WWTF Polk County Permit No. FLA013038

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA013038 to operate a domestic wastewater treatment facility, issued pursuant to Chapter 403, Florida Statutes, Chapters 62-4, 62-600, 62-601, 62-602, 62-610, 62-620, 62-640, and 62-699, Florida Administrative Code

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of date of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under Section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

Crooked Lake Park Sewerage Company Crooked Lake Park Sewerage Company WWTF PA File No. FLA013038-006-DW3P/NR

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit Identification Number and the county in which the subject matter or activity is located;
 - (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
 - (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department action:
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under Section 120.573 of the Florida Statutes is not available for this proceeding.

This action is final on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under Section 120.68 of the Florida Statutes, by the filing of a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days from the date when the final order is filed with the Clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Maulyn McDonald, P.E.

Water Facilities Program Administrator

Southwest District

Crooked Lake Park Sewerage Company Crooked Lake Park Sewerage Company WWTF PA File No. FLA013038-006-DW3P/NR

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on <u>July 31, 2013</u> to the listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk) (Date)

Copies Furnished To:

H.L. Bennett, P.E., H.L. Bennett & Associates, Inc., hlb@hlbennett.org
Gaines Alexander, Consta-Flow, Inc., gaines@constaflow.com
Erin DiBacco, FDEP SWD, erin.dibacco@dep.state.fl.us
Elaine Gracik, FDEP-SWD, elaine.gracik@dep.state.fl.us
Valerie Hoskavich, Polk County BOCC, valeriehoskavich@polk-county.net
Robert Caudill, Polk County Dept. of Health, robert_caudill@doh.state.fl.us

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Mail Station 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME:

Kenneth J. Knowlton

PERMIT NUMBER:

FLA013038

Crooked Lake Park Sewage Co.

Monitoring Period From: 7/01/13 To: 7/31/13 Three Month Rolling ADF

0.036666667 % of Permitted Capacity

MAILING ADDRESS:

227 Caloosa Lake Circle N. Lake Wales, Florida 33853

Final LIMIT CLASS SIZE: N/A

REPORT: GROUP:

Monthly

FACILITY:

Crooked Lake Park Sewage Co.

FACILITY ID: FLA013038

Domestic

LOCATION:

East Lane College park, M.H.P.

DISCHARGE POINT NUMBI R001 (On-site Percolation/Evap Ponds)

Lake Wales, FL 33853

CATEGORY/TREATMENT TYPE: IIIC

COUNTY:

Polk

Parameter		Quality or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.044							0		
PARM No. 50050 Y Mon. Site No. EFF-01-15101	Permit Measurement	0.060 (AADF)		mgd						Report Monthly	Calculated Rol An Avg
Flow	Sample Measurement	0.000							0		
PARM Code 50050 1 Mon Site No. EFF-01-15101	Permit Measurement	Report (Mo. Avg.)		mgd						5 days/week	Elapsed Time Meters
BOD, Carbonaceous 5day, 20C PARM No. 80082 Y Mon. Site No. EFA-01	Sample Measurement				0.66			mg/L	0		
	Permit Measurement				20.0 (An. Avg.)			mg/L		Monthly	Calc.
BOD, Carbonaceous 5day, 20C	Sample Measurement				2.33		2.66	mg/L	0		
PARM No. 80082 A Mon. Site No. EFA-01	Permit Measurement				30.0 (Mo. Avg.)		60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				0.72			mg/L	0		
PARM No. 00530 Y Mon. Site No. EFA-01	Permit Measurement				20.0 (An. Avg.)			mg/L		Monthly	Calc.
Solids, Total Suspended	Sample Measurement				1.7		2.4	mg/L	0		
PARM No. 00530 A Mon. Site No. EFA-01	Permit Measurement				30.0 (Mo. Avg.)		60.0 (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that this document and all attachements were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and comlete. I am aware that there are signficant penalties for submitting false information, including the possiblity of fines and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECTUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
ROBERT BEST/OPERATOR	e e	863-965-2599	2013/08/23

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Meter REPAIRED 8/6/2013

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Crooked Lake Park Sewage Co.

Monitoring Group Number : R-001 CATEGORY/TREATMENT TYPE: IIIC PERMIT NO.: FLA013038

Parameter		Quality or I	oading	Units	Quality or Co	oncentration	Units	No. Ex.	Frequency of Analysis	Sample Type
рН	Sample Measurement				7.4	7.6		0		
PARM No. 00406 A Mon. Site No. EFA-01	Permit Measurement				6,0 (Min.)	8,5 (Max.)	S. U.		Daily 5 days/week	Grab
Coliform, Fecal	Sample Measurement				1.00			0		
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Measurement				200 (An. Avg.)		#/100mL		Monthly	Calculation
Coliform, Fecal	Sample Measurement		1		1	1		0		
PARM Code 74055 A Mon. Site No. EFA-01	Permit Measurement				(Mo.Geo. Mean)	800 (Max.)	#/100mL		Monthly	Grab
TRC for disinfection	Sample Measurement				0.8			0		
PARM Code 50060 A Mon. Site No. EFA-01	Permit Measurement				0.5 (Min.)		mg/L		Daily 5 days/week	Grab
Nitrogen, Nitrate Total (as N)	Sample Measurement					5.04		0		
PARM Code, 00620 A Mon. Site No.EFA-01	Permit Measurement					12.0 (Max.)	mg/L		Monthly	Grab
Flow, Total Plant	Sample Measurement	0.037						0		
PARM Code 50050 Q Mon. Site No.FLW-01	Permit Measurement	0,060 (3MRADF)		MGD					Monthly	Calculation
Percent Capacity, (3MRADF/Permitted Capacity) x100	Sample Measurement				61					
PARM Code 00180 1 Mon Site No, FLW-01	Permit Measurement				Report		%		Monthly	Callculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement				MNR					
PARM Code 80082 G Mon. Site No. INF- 01	Permit Measurement				Report		mg/L		Annually (February)	Grab
Solids, Total Suspended	Sample Measurement				MNR					
PARM Code00530 G Mon. Site No. INF- 01	Permit Measurement				Report		mg/L		Annually (February)	Grab

DAILY SAMPLE RESULTS - PART B

Three-month Average Daily Flow: PERMIT NO.: FLA013038

0

(TMADF/Permitted Capacity) x 100

0.000

Facility: Crooked Lake Park Sewage Co.

				I domey. Ore	OKCU LUKO I UI	l conage co.			
	Flow (MGD)	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH (S.U.)	Fecal Coliform Bacteria (#100ml)	TRC (For Disinfec.) (mg/L)	Nitrate (mg/L)
Code	50050	80082	80082	00530	00530	00400	74055	50060	00620
Mon. Site	EFF-01-15101	EFF-01-15101	INF-01-38058	EFF-01-1510	INF-01-38058	EFF-01-15101	EFF-01-15101	EFF-01-15101	F-01-15
1	0.000	0	0	0	0	0.0	0	0	
2	0.000	0	0	0	0	0.0	0	0	
3	0.000	0.0	0	0	0	0.0	0	0	
4	0.000	0.00	0	0	0	0.0	0	0	
5	0.000	0	0	0	0	0.0	0	0	
6	0.000	0	0	0	0	0.0	0	0	
7	0.000	0	0	0	0	0.0	0	0	
8	0.000	0.0	0	0.0	0	0.0	0	0	
9	0.000	0	0	0	0	0.0	0	0	
10	0.000	0	0	0	0	0.0	0	0	
11	0.000	0	0	0	0	0.0	0	0	
12	0.000	0	0	0	0	0.0	0	0	
13	0.000	0	0	0	0	0.0	0	0	
14	0.000	0.00	0	0.00	0	0.0	0	0	
15	0.000	0	0	0	0	0.0	0	0	
16	0.000	0	nul Trum C	0	-0	0.0	0	0	
17	0.000	0.0	0	0	0	0.0	0	0	
18	0.000	0.00	0	0.0	0	0.0	0	0	
19	0.000	0		0	0	0.0	0	0	
20	0.000	0.0	0	0	0	0.0	0	0	
21	0.000	0	rate Terror C	0	0	0.0	0	0	
22	0.000	0	0	0	0	0.0	0	0	
23	0.000	0	AB 10 10 10 10 10 10 10 10 10 10 10 10 10	0	0	0.0	0	0	
24	0.000	0	0	0	0	0.0	0	0	
25	0.000	0	0	0	0	0.0	0	0	
26	0.000	0.00	0	0.00	0	0.0	0	0	
27	0.000	0	0	0	0	0.0	0	0	
28	0.000	0	0	0	0	0.0	0	0	
29	0.000	0.0		0.0	The contract of	0.0	0	0	
30	0.000	0		0	0	0.0	0	0	_
31	0.000	0	(0	0	0.0	0	0	

I DANT OTALLING.					
Day Shift Operator	Class:C	Certificate No: _17865	Name:	Robert Best	20
Evening Shift Operator	Class:	Certificate No:	Name:		

 Night Shift Operator
 Class:
 Certificate No:
 Name:

 Lead Operator
 Class:
 C
 Certificate No:
 7801
 Name:
 Daniel T. Alexander