

*Bay Laurel Center
Community Development District*

Agenda

August 18, 2020

AGENDA

Bay Laurel Center

Community Development District

219 E. Livingston Street, Orlando, Florida 32801
Phone: 407-841-5524 – Fax: 407-839-1526

August 11, 2020

Board of Supervisors
Bay Laurel Center Community
Development District

The Board of Supervisors of the Bay Laurel Center Community Development District will meet on **Tuesday, August 18, 2020 at 9:00 a.m., or as shortly thereafter as reasonably possible, via Zoom webinar: <https://zoom.us/j/99366589363>**. Following is the advance agenda for the meeting:

- I. Roll Call
- II. Public Comment Period
- III. Notice of Meeting
- IV. Approval of Minutes of the May 19, 2020 Meeting
- V. Review and Acceptance of Fiscal Year 2019 Audit Report
- VI. Acceptance of Utility Systems
 - A. Stone Creek Wellington
 - B. Candler Hills West Newcastle
- VII. Compliance Items
 - A. Presentation of Consulting Engineer's Annual Report
 - B. Consideration of Resolution 2020-03 Determining the Review of the Financial Condition of the Utilities System
- VIII. Public Hearings
 - A. Fiscal Year 2021 Budget
 1. Consideration of Resolution 2020-04 Adopting the Fiscal Year 2021 Budget and Relating to the Annual Appropriations
 - B. Fiscal Year 2021 Rates
 1. Consideration of Resolution 2020-05 Adopting the Proposed Rate Schedule for the Fiscal Year 2020-2021
- IX. Review of RFQ Responses and Selection of Professional for the Provision of the Integrated Water Resource Master Plan
- X. Review of RFQs and Authorization to Issue
 - A. Professional Architectural and Engineering Services for the Construction of 2.5 MGD AADF Wastewater Treatment Plant
 - B. Professional Construction Manager at Risk for the Construction of a 2.5 MGD AADF Wastewater Treatment Plant
- XI. Consideration of Customer Service Agreement with Ring Power
- XII. Presentation of Uncollectable Debt for 2019-2020
- XIII. Staff Reports
 - A. Attorney
 - B. Utility Status Report
 - C. District Manager's Report
 1. Approval of Check Register
 2. Balance Sheet and Income Statement

3. Approval of Fiscal Year 2021 Meeting Schedule

XIV. Other Business

XV. Supervisor's Requests

XVI. Adjournment

The second order of business is the Public Comment Period where the public has an opportunity to be heard on propositions coming before the Board as reflected on the agenda, and any other items.

Enclosed under the third order of business is the affidavit of publication associated with the public notice for this meeting.

The fourth order of business is the approval of the minutes of the May 19, 2020 meeting. The minutes are enclosed for your review.

The fifth order of business is the review and acceptance of the Fiscal Year 2019 audit report. A copy of the report is enclosed for your review.

The sixth order of business is the acceptance of the utility systems. Copies of the documents for Stone Creek Wellington and Candler Hills West Newcastle are enclosed for your review.

The seventh order of business are the Compliance Items. Section A includes a copy of the Consulting Engineer's Annual Report for your review and Section B is the consideration of Resolution 2020-03 determining the review of the financial condition of the utilities system. A copy of the Resolution is enclosed for your review.

The eighth order of business opens the public hearings. Section A is the budget hearing. Sub-Section 1 is the consideration of Resolution 2020-04 adopting the Fiscal Year 2021 budget and relating to the annual appropriations. A copy of the Resolution and proposed budget are enclosed for your review. Section B is the rate hearing. Sub-Section 2 is the consideration of Resolution 2020-05 adopting the proposed rate schedule for the Fiscal Year 2020-2021. A copy of the Resolution and proposed rate schedule are enclosed for your review.

The ninth order of business is the review of the RFQ responses and selection of a professional for the provision of the Integrated Water Resource Master Plan. A copy of the tabulation and the 4 responses are enclosed for your review.

The tenth order of business is the review of the RFQs for services and the authorization to issue. Section A includes the RFQ for professional architectural and engineering services for the construction of a 2.5 MGD AADF wastewater treatment plant including off site master lift station, wastewater transmission force main & portable water main for your review. Section B includes the RFQ for construction manager at risk for the construction of a 2.5 MGD AADF wastewater treatment plant including off site master lift station, wastewater transmission force main & portable water main for your review.

The eleventh order of business is the consideration of the 3-year customer service agreement with Ring Power for various unit locations. A copy of the agreement is enclosed for your review.

The twelfth order of business is the presentation of the uncollectable debt register for 2019-2020. A copy of the register is enclosed for your review.

The thirteenth order of business is Staff Reports. Section C is the District Manager's Report. Section 1 includes the check register for approval and Section 2 includes the balance sheet and income statement for your review. Section 3 is the approval of the Fiscal Year 2021 meeting schedule. A sample meeting notice is enclosed for your review.

The balance of the agenda will be discussed at the meeting. In the meantime, if you have any questions, please contact me.

Sincerely,



George S. Flint
District Manager

Cc: Gerald Colen, District Counsel
Guy Woolbright, On Top of the World
Lynette Vermillion, On Top of the World
Patty Soriano, On Top of the World
Crystal House, Bay Laurel Center CDD
Bryan Schmalz, Bay Laurel Center CDD
Darrin Mossing, GMS

SECTION III

AFFIDAVIT OF PUBLICATION

Star-Banner
Published – Daily
Ocala, Marion County, Florida

STATE OF FLORIDA
COUNTY OF MARION

Before the undersigned, a Notary Public of Said County and State, Destiny Knight who on oath says that they are an authorized employee of the Star-Banner, a daily newspaper published at Ocala, in Marion County, Florida; that the attached copy of advertisement, being a notice in the matter of

BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT NOTICE OF PUBLIC HEARING TO CONSIDER THE ADOPTION OF THE FISCAL YEAR 2020/2021 BUDGETS; NOTICE OF POSSIBLE REMOTE PROCEDURES DURING PUBLIC HEALTH EMERGENCY DUE TO COVID-19; AND NOTICE OF REGULAR BOARD OF S

was published in said newspaper in the issues of:

7/28 1x, s/4 1x

Affiant further says that the said STAR-BANNER is a daily newspaper published at Ocala, in said Marion County, Florida, and that the said newspaper has heretofore been continuously published in said Marion County, Florida, daily, and has been entered as second class mail matter at the post office in Ocala in said Marion County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the person of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 4 day of August, A.D., 2020

Harmony Stalter
Notary Public

HARMONY STALTER
(Print, Type or Stamp Name of Notary Public)

Ad #: A000970995



BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT

NOTICE OF PUBLIC HEARING TO CONSIDER THE ADOPTION OF THE FISCAL YEAR 2020/2021 BUDGETS; NOTICE OF POSSIBLE REMOTE PROCEDURES DURING PUBLIC HEALTH EMERGENCY DUE TO COVID-19; AND NOTICE OF REGULAR BOARD OF SUPERVISORS' MEETING.

The Board of Supervisors ("Board") of the Bay Laurel Center Community Development District ("District") will hold a public hearing on Tuesday, August 18, 2020 at 9:00 a.m., or as shortly thereafter as reasonably possible, for the purpose of hearing comments and objections on the adoption of the proposed budgets ("Proposed Budget") of the District for the fiscal year beginning October 1, 2020 and ending September 30, 2021 ("Fiscal Year 2020/2021"). A regular board meeting of the District will also be held at that time where the Board may consider any other business that may properly come before it. A copy of the agenda and Proposed Budget may be obtained at the offices of the District Manager, Governmental Management Services – Central Florida, LLC, 219 E. Livingston Street, Orlando, Florida 32801, (407) 841-5524 ("District Manager's Office"), during normal business hours, or by visiting the District's website at <http://blccdd.com>.

It is anticipated that the public hearing and meeting will take place at the Circle Square Commons, Cultural Center, 6395 SW 80th Street, Ocala, FL 34481. In the event that the COVID-19 public health emergency prevents the hearing

and meeting from occurring in-person, the District may conduct the public hearing and meeting by telephone or video conferencing communications media technology pursuant to governmental orders, including but not limited to Executive Orders 20-52, 20-69 (as extended by Executive Orders 20-112, 20-123, 20-139 and 20-150), as such orders may be extended, respectively, and pursuant to Section 120.54(5)(b)2., Florida Statutes.

While it may be necessary to hold the above referenced public hearing and meeting utilizing communications media technology due to the current COVID-19 public health emergency, the District fully encourages public participation in a safe and efficient manner. To that end, anyone wishing to listen to and/or participate in the meeting can do so telephonically at (648) 876-9923 and when prompted, enter webinar ID: 993 6666 9363 or via computer at <https://zoom.us/j/993666589363>. Participants are strongly encouraged to submit questions and comments to the District Manager's Office at gflint@gmscfl.com or by calling (407) 841-5524 by Monday, August 17, 2020 at 3:00 p.m. in advance of the meeting to facilitate the Board's consideration of such questions and comments during the meeting.

The public hearing and meeting are open to the public and will be conducted in accordance with the provisions of Florida law. The public hearing and meeting may be continued to a date, time, and place to be specified on the record at the meeting.

Any person requiring special accommodations at this meeting because of a disability or physical impairment should contact the District Manager's Office at least forty-eight (48) hours prior to the meeting. If you are hearing or speech impaired, please contact the Florida Relay Service by dialing 7-1-1, or 1-800-955-8771 (TTY) / 1-800-955-8770 (Voice), for aid in contacting the District Manager's Office.

Each person who decides to appeal any decision made by the Board with respect to any matter considered at the public hearing or meeting is advised that person will need a record of proceedings and that accordingly, the person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which such appeal is to be based.

George S. Flint
Governmental Management Services –
Central Florida, LLC
District Manager

July 28, August 4, 2020
#A000970995

MINUTES

MINUTES OF MEETING
BAY LAUREL CENTER
COMMUNITY DEVELOPMENT DISTRICT

The regular meeting of the Board of Supervisors of the Bay Laurel Center Community Development District was held on Tuesday, May 19, 2020 at 9:00 a.m. via Zoom video conferencing, due to the COVID-19 virus.

Present and constituting a quorum were:

Kenneth D. Colen	Chairman
Richard Belz	Vice Chairman
Paul Brunner	Assistant Secretary
William D. McLeod, Jr.	Assistant Secretary
Jo Salyers	Assistant Secretary

Also present were:

George Flint	District Manager
Jerry Colen	District Counsel
Rachel Wagoner	District Counsel
Crystal House	BLCCDD
Bryan Schmalz	BLCCDD
Lynette Vermillion	OTOW
Robert Stepp	OTOW
Tricia Adams	GMS
Travis White	All Things Landscape Green and Growing
Residents	

FIRST ORDER OF BUSINESS

Roll Call

Mr. Kenneth Colen called the meeting to order at 9:33 a.m. and Mr. Flint called the roll. All Supervisors were present. Due to technical issues, the meeting was delayed.

SECOND ORDER OF BUSINESS

Public Comment Period

Mr. Flint: According to Tricia, we have one member of the public. For purposes of the record, normally we would not be able to hold a government meeting remotely like this, but the Governor issued an Executive Order, waiving the physical quorum requirements in allowing Governments to use technology for their meetings. We advertised this meeting with the Zoom link. We also included a phone number in the event any members of the public either weren't

comfortable using Zoom or wanted to provide comment in advance of the meeting. For purposes of this meeting, we will have a public comment period at this time. So, this would be an opportunity for any members of the public to provide comments to the Board. We ask that you state your name and address and limit your comments to three minutes. The public comment period is not necessarily a dialogue between the public and the Board. It's an opportunity for residents to provide feedback and input to the Board. Hopefully through the course of the meeting, whatever issue was brought up is addressed. I will turn it back over to you, Mr. Chairman.

Mr. Kenneth Colen: Do we have someone who wishes to speak?

Ms. Adams: I believe they called in to listen to the meeting.

Mr. Flint: So, we don't have any members of the public in attendance.

Ms. Adams: Correct.

THIRD ORDER OF BUSINESS

Notice of Meeting

Mr. Flint: The notice of meeting was published in the Ocala Star Banner on May 12, 2020.

FOURTH ORDER OF BUSINESS

Approval of Minutes of the February 18, 2020 Meeting

Mr. Kenneth Colen: Were there any comments or corrections to the minutes?

Mr. Belz: Mr. Chairman, I reviewed the minutes and don't have any changes.

On MOTION by Mr. Belz seconded by Mr. Brunner with all in favor the Minutes of the February 18, 2020 Meeting as presented were approved.

FIFTH ORDER OF BUSINESS

Acceptance of Utility Systems

A. OTOW Pro Shop & Cart Barn

Mr. Kenneth Colen: All of the required documents, including the Bill of Sale, was transmitted and all expenses are in order.

On MOTION by Mr. McLeod seconded by Mr. Brunner with all in favor the OTOW Pro Shop & Cart Barn utility system was approved.

B. Veteran’s Park

Mr. Kenneth Colen: The letter of acceptance of the utility system, Bill of Sale and all supporting documentation were in order.

On MOTION by Mr. Brunner seconded by Mr. Belz with all in favor the Veteran’s Park utility system was approved.

Mr. Belz: I would just like to tell you what a beautiful job you have done on Veteran’s Park.

Mr. Kenneth Colen: Thank you. Lynette had a lot to do with that as did most of my staff.

Mr. Belz: I know there were a lot of people involved, but it’s absolutely spectacular so thank you very much.

Mr. Kenneth Colen: Very good. Thank you.

SIXTH ORDER OF BUSINESS

Ratification of Agreements/Quotations

A. Task Assignment #24 from Jones Edmunds & Associates, Inc.

Mr. Kenneth Colen: This is required by our operating permits.

On MOTION by Mr. Belz seconded by Mr. Brunner with all in favor Task Assignment #24 from Jones Edmunds & Associates, Inc. was ratified.

B. Quotation from QuestingHound Technology for Software and Equipment Purchase

Mr. Kenneth Colen: Crystal, could you please explain to the Board what this is.

Ms. House: Absolutely. Crystal House, Office Manager. This is for the Barracuda email message archiver, which will keep messages for as long as the District determines. Currently, the only archive we have available is with Microsoft Office. So, it was something that we needed to proceed with as a backup. Due to the existing size of what staff currently has, we decided to go with the larger Barracuda archiver. This was a budgeted expense on our R&R. It came in slightly more than the \$15,000 budgeted, but that was because we went with a larger model.

Mr. Kenneth Colen: Thank you. So, the larger model, basically enables more capacity for archiving.

Ms. House: Yes.

Mr. Kenneth Colen: So, we need a motion for ratification.

On MOTION by Mr. Belz seconded by Mr. McLeod with all in favor the QuestingHound Technology for Software and Equipment Purchase was ratified.

SEVENTH ORDER OF BUSINESS

**Consideration of Resolution 2020-02
Approving the Proposed Fiscal Year 2021
Budget and Setting a Public Hearing**

Mr. Colen: The short title of this resolution is:

“Resolution 2020-02, A Resolution of the Board of Supervisors of the Bay Laurel Community Development District approving a Proposed Budget for Fiscal Year 2020/2021 and setting a public hearing thereon pursuant to Florida Law, addressing transmittal posting and publication requirements, addressing severability and providing an effective date.”

Mr. Adams: Crystal, would you like to present the budget, please?

Ms. House: Okay. As far as the budget, “Engineering” increased due to the North Wastewater Treatment Facility and Southwest Florida Water Management District (SWFWMD) related projects. As far as “Attorney”, we increased it for the per capita compliance. “Salary & Wages, Other Salaries & Wages, Unemployment Compensation, Payroll Taxes and uniforms” all increased because the District is recommending the hiring of three additional staff members in this upcoming fiscal year. That also affected “Health Insurance,” which increased based on a projected increase of 10% on health, 7% on dental and 4% for vision, with the three additional employees. For “Communications,” we are recommending an increase for the additional lift stations that we were going to be bringing on this next year. We are going to continue monitoring “Administrative Costs.” We have not increased or decreased it, but that was raised last year for the Complex 7 credit cards. Since this was our first live bill, we are going to be monitoring that until August, to determine whether or not that can be decreased. “Information Tech./Maintenance” increased, based on the District’s IT Department recommendations. We increased “Postage” for the billing inserts. As far as “Rental and Leases,” currently, we have two copiers that we are paying for. We prepaid for the cannon copier and that lease will be terminating in 2021. “Insurance – Property, Plant & Equipment” actually decreased. The reason why is because our Pollution Policy was on a bi-annual basis, so we will not be paying this upcoming year. “Property Taxes” increased based on historicals for Water Treatment Plant #3.

“Operating Supplies” increased due to the Complex 7 mailings. These will be discussed, as well as the inserts that I was previously speaking about and the water score report cards. “Electrical” increased because of the additional lift stations, based on the rate increase and additional demand. I’m not sure if the Board is aware, but all of our SECO accounts are actually going over to Duke energy. Duke is going to increase the percentage increase on all of their accounts. So, we will be seeing that in the near future as well. “Office Rental” for this office is increasing this year based on the original Lease Agreement. There were no increases in “Vehicle Repairs.” We have a General Service Agreement for the new lift stations. Bryan is working with Ring Power currently to see if he can renew all of our Customer Service Agreements (CSA) on a four-year basis.

Mr. Schmalz: Ring Power is discussing reducing the Customer Service Agreements to three years.

Ms. House: For “Fuel Expense,” we have no change. We are actually seeing a decrease in fuel right now because of COVID-19. There were no changes in “Repairs – Distribution/Collection, Mowing/Grounds Maintenance and Chemicals and Supplies.” We reduced “Laboratory and Testing,” because our tri-annual sampling was collected in 2020. There were no changes in “Sludge hauling, Non-recurring expense/Contingency and Small tools/”. “Biosolids Disposal” is increasing slightly based on our agreement. “Dues, Licenses & Subs” has not changed. We have a “Cooperative Funding Agreement” that we are working on with SWFWMD on an irrigation controller upgrade program, but every other line item had no changes.

Mr. Kenneth Colen: Okay. Thank you. Are there any questions? Hearing none, we need a motion to adopt Resolution 2020-02 as presented.

On MOTION by Mr. Belz seconded by Mr. Brunner with all in favor Resolution 2020-02 Approving the Proposed Fiscal Year 2021 Budget and Setting a Public Hearing for August 18, 2020 at 9:00 a.m., at the Circle Square Commons Cultural Center was adopted.

EIGHTH ORDER OF BUSINESS

**Ratification of Emergency Rule
Regarding Delinquent Customer
Procedures During COVID-19 Virus**

Mr. Kenneth Colen: Crystal, I'm going to ask you to give a background on this item. Then we will answer questions from the Board.

Ms. House: Absolutely. We recognize that the water we deliver to our customers is essential, and that the Corona Virus caused a financial impact on our customers. We believe that no one should lose service during this time or experience any undue hardship. Effective March 18, 2020, Bay Laurel issued relief measures to assist our customers. Customers who were recently disconnected were able to call us and we would do a site restoration at no cost. Any late payments were waived and anyone that had returned checks were not charged any additional fees. Customers would not have convenience fees if the payment was made by credit card. We are also offering more flexibility in regards to a payment plan should a customer need that.

Mr. Kenneth Colen: Without identifying anyone specifically, how many people have taken advantage of this?

Ms. House: At this time, nobody has requested a payment plan. We currently have nine customers that are past due.

Mr. Kenneth Colen: Okay. Were they past due before?

Ms. House: Yes.

Mr. Belz MOVED to approve the Emergency Rule regarding delinquent customer procedures during the COVID-19 Virus and Mr. Brunner seconded the motion.

Mr. Kenneth Colen: Is there any discussion from the Board?

Mr. Belz: I don't have any problem with the rule and agree to ratify it, so long as we understand that this is an emergency rule that cannot be extended. So, if the COVID-19 emergency continues and we want to continue the program, we will have to go to formal rulemaking at some point because the emergency rule cannot be extended.

Mr. Brunner: Thank you for clarifying that. When does this expire?

Ms. House: I apologize. That was a question I was going to have for the Board. Since we brought this in on March 18th, it was for 30 days. Then we extended it to April 18th. So technically it would've expired yesterday. For past dues at this time, should I to go through the entire disconnection process and issue late fees?

Mr. Flint: Per the District's rules, the emergency rule is good for 90 days. So, you have 90 days from March 18th, assuming the Board wants to extend it to the end of 90 days, that could

be part of your motion. As Mr. Belz indicated, that is as long as an emergency rule can be in effect. I don't know that we would want to go much longer than that unless the world really changes, but again that's a policy decision.

Mr. Kenneth Colen: We have a motion. Mr. Belz, do you want to amend that motion to include the extension to 90 days?

Mr. Belz: I don't understand. The Statute says it is only good for 90 days.

Mr. Kenneth Colen: Right, but our letter extended it to April 18th, which came and went.

Mr. Belz: 90 days from the date of the first letter?

Mr. Flint: Very good. The prior motion was withdrawn.

On MOTION by Mr. Belz seconded by Mr. McLeod with all in favor extending the Emergency Rule regarding delinquent customer procedures during the COVID-19 Virus was approved.

NINTH ORDER OF BUSINESS

Review of RFQ for Integrated Water/Wastewater Resource Master Plan and Authorization to Issue

Mr. Kenneth Colen: Mr. Schmalz, would you address this, please?

Mr. Schmalz: Yes. Good morning. The Request for Qualifications (RFQ) in your agenda package is to provide a comprehensive plan to include the identification of improvements required to meet the future water, wastewater and reclaimed water demands necessary to provide reliable service to the customer base located within our service area through build out. We are including alternative water supply sources needed to prevent impacts to the minimum flows and levels associated with the nearby springs. It is imperative that we evaluate all waters together as a whole to identify the required projects necessary to meet the water demands of our service area . We currently do not have a comprehensive plan of how we are going to and where we are going to obtain the necessary water to provide services through buildout of On Top of the World (OTOW) .

Mr. Kenneth Colen: Alright. Very good. Thank you. Board Members, have you had an opportunity to review the RFQ and do you have any questions? Bryan, when would this go out?

Mr. Schmalz: We would send this out and publish it effective tomorrow. We have it slated to be due on June 26, 2020 at 4:00 P.M. at the District Office.

Mr. Kenneth Colen: Where is it published?

Mr. Schmalz: We will be publishing this on multiple websites as well as our website. I don't have the website name, but there are multiple ones that Cities and Counties use on a frequent basis.

Mr. Flint: It will also need to be in the Ocala Star Banner.

Mr. Kenneth Colen: Very good. Are there any other questions for staff?

On MOTION by Mr. Belz seconded by Ms. Salyers with all in favor authorization for Staff to advertise a Request for Qualifications for an Integrated Water/Wastewater Resource Master Plan was approved.

TENTH ORDER OF BUSINESS

Staff Reports

A. Attorney

Mr. Kenneth Colen: Do we have anything from District Counsel?

Mr. Jerry Colen: Not from me. Rachael?

Ms. Wagoner: I don't have anything. Thank you.

Mr. Kenneth Colen: Thank you.

B. Utility Status Report

Mr. Flint: Do we have a utility status report.

Mr. Schmalz: Yes, sir we do. The District wanted to address a recent influx that we had regarding customers contacting our office, specific to high water usage throughout our service area. I know that many Board Members received emails and correspondence from customers expressing concerns. We wanted to take a moment to address those. I want you to know that we are focused on the accuracy of our billing including the efficient, and reliable operation and maintenance of that equipment. We understand the concerns and we wanted you to know that we performed a thorough evaluation of our system and confirmed that all data collected, and related bills are accurate. In addition, we received 1,274 phone calls and performed over 480 hours of labor towards data collection during this last billing cycle. When customers called and expressed their concerns, we advised them of the option for a data logger at their location. Every site that we performed a data logger, we collected the information from the water meter and a read from the meter itself, to confirm that there was no glitch in our billing system that could've occurred when we read it by radio transmission. All homes that requested a data logger, was confirmed

that the readings matched. We also performed manual calculations to confirm the base charges and tiered rate structures were applied correctly including the wastewater charges. All manual calculations further validated the billing system performed accurately. The District then took another step by looking at the water produced from the water treatment facilities, due to the fact that there's influx of increased usage in our service area, to see if there was an increase in water production. The water meters at our water treatment facilities are not the same water meters in our distribution system. They are made by different manufacturers and are not in any way shape or form tied into our billing system. So, if there was a billing system glitch, it would not be related to the water treatment plant production. Those meters are read on a daily basis manually by operational staff. The District confirmed that we produced 152,000,000 gallons of water during that billing cycle, which was a 26% increase over the previous billing cycle. In addition, there was a drought period at this time. In 2020, we only received 0.5 inches of rain, whereas in 2019, we received over 4 inches of rain. So due to the reduction in rainfall, we believe there was a related increase in water usage. The District did not perform any updates to our billing system that would've created a billing glitch. One of the misconceptions that the residents have is that we have the ability to upload to a water meter. Water meters are strictly downloadable. You can download data from the water meter, but we do not have the ability to upload any information to a water meter. So, there were no updates or Firmware updates as many residents claimed that would have caused any type of billing glitch. Compared to last month's billing cycle, there was a 33-day billing cycle compared to a 28-day billing cycle. That's typical for utilities as we have 12 billing cycles over 365 days a year or in the case this year, there was a 366-day year that we have to divide out. So, there are varying days in the billing cycle that range from typically 29 days up to 33 days. We did some research as well and confirmed that this is common with Duke and SECO. They follow similar practices as this year we received a bill for a 34-day billing cycle with SECO. There is a 18% increase in watering days during that billing cycle. The biggest culprit is Daylight Savings Time. When that happens, a lot of clocks automatically make adjustments to the irrigation settings. Most controllers have what we call, "Seasonal adjustments." What they do is turn down run times during the winter to 50% or 60% and then in the watering months such as March and April, it will begin increasing the percent run time on the irrigation systems. As an example, if you have an irrigation zone set for 10 minutes, during the winter, it might only run for 5 or 6 minutes because it automatically turns down for seasonal

adjustments. Then in March and April when it's dry and starts to increase, at times we will see it go back up to 90% or 100%, which would go up to 9 and 10 minutes. So that is what we are seeing on the data loggers we collected, which is the primary reason for the increase in water usage related to an additional watering day as well as increased watering run times. We just wanted to make sure that the Board was aware of the circumstances leading to the onslaught of customer concerns that were expressed and that was when the District performed a thorough evaluation to ensure that all billing conducted was accurate.

Mr. Kenneth Colen: My understanding is that you received one apology.

Mr. Schmalz: It is up to five apologies now.

Mr. Kenneth Colen: I hope that things stabilize this month and people realize that funny things can happen to their clocks. There is an A, B and C program and a lot of people forget there's a C program. Sometimes if you have it serviced or tested, the company may not move it back to the right setting. So that's always a consideration to think about as far as glitches that can occur. Thank you. Are there any questions from the Board Members for Mr. Schmalz?

Mr. Belz: I would just like to congratulate Crystal and Bryan for the hard work they did on resolving all of these issues because the Board Members received a lot of emails from residents, especially in Stone Creek. I think Crystal and Bryan did a magnificent job addressing those items.

Mr. Schmalz: Thank you very much.

Ms. House: Thank you.

Mr. Schmalz: We will pass that on to staff.

Mr. Kenneth Colen: Kudos to all of you. It's a good working group.

C. District Manager's Report

1. Approval of Check Register

Mr. Kenneth Colen: Are there any questions on the Check Register. If not, we need a motion to accept it.

On MOTION by Mr. Belz seconded by Ms. Salyers with all in favor the Check Register for February 1, 2020 through April 30, 2020 in the amount of \$2,451,644.85 was approved.
--

2. Balance Sheet and Income Statement

Mr. Kenneth Colen: This is for your information. Are there any questions? Hearing none,

3. Presentation of Number of Registered Voters- 0

Mr. Flint: There are zero registered voters in the boundaries of the District. This is something that we are required to announce every year as of April 15th.

4. Designation of November 17, 2020 as Landowners' Meeting Date

Mr. Flint: Every two years, the Board has three seats up for election through a Landowner Election process. In even number of years, the Board is required to designate the date of that meeting. We are suggesting November 17, 2020. It's not a Board meeting, but often we will advertise it in conjunction with the date that you may meet as a Board. The sample instructions and landowner proxy are in the agenda. If the Board is okay with November 17, 2020, I would ask for a motion to designate that date.

On MOTION by Mr. Kenneth Colen seconded by Mr. Brunner with all in favor designating November 17, 2020 as Landowners' Meeting was approved.

ELEVENTH ORDER OF BUSINESS

Other Business

Mr. Kenneth Colen: Do we have any other business? Hearing none,

TWELFTH ORDER OF BUSINESS

Supervisor's Request

Mr. Kenneth Colen: Do we have any Supervisor's requests?

Mr. Belz: Yes, Mr. Chairman. I understand the reason why the hard copy agenda packages were not mailed out for this meeting, but it made it very difficult to review all of the materials in advance. So, I would urge the District Manager and staff to continue mailing them out ahead of time. Trying to wade through 100 plus pages of PDF was far from easy.

Mr. Flint: Sure. That's understandable. We will definitely make sure that we send hard copies of the agenda if we end up having to meet remotely again. I apologize for any inconvenience. I know it's probably difficult to look at it on your computer screen while participating in Zoom, so it's handy to have the hard copy as well.

Mr. Kenneth Colen: Are there any other Supervisor's requests? If not, I would just like to recognize OTOW staff members in attendance today; Lynette Vermillion who is General Manager of Operations at OTOW, Robert Stepp, Land Development Manager and Travis White

who is a new member of the team, with All Things Landscape Green and Growing, which maintains all common areas around the community. We are glad to have you. Welcome. Thank you for all attending. For a first effort at Zoom, I think it went fairly well.

THIRTEENTH ORDER OF BUSINESS

Adjournment

On MOTION by Mr. Belz seconded by Ms. Salyers with all in favor the meeting was adjourned.

Secretary/Assistant Secretary

Chairman/Vice Chairman

SECTION V

**BAY LAUREL CENTER
COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA
FINANCIAL REPORT
FOR THE FISCAL YEAR ENDED
SEPTEMBER 30, 2019**

**BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA**

TABLE OF CONTENTS

	<u>Page</u>
INDEPENDENT AUDITOR'S REPORT	1-2
MANAGEMENT'S DISCUSSION AND ANALYSIS	3-5
BASIC FINANCIAL STATEMENTS	
Statement of Net Position	6
Statement of Revenues, Expenses and Changes in Net Position	7
Statement of Cash Flows	8
Notes to the Financial Statements	9-19
REQUIRED SUPPLEMENTARY INFORMATION	
Schedule of Changes in Net OPEB Liability and Related Ratios	20
INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH <i>GOVERNMENT AUDITING STANDARDS</i>	21-22
INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH THE REQUIREMENTS OF SECTION 218.415, FLORIDA STATUTES, REQUIRED BY RULE 10.556(10) OF THE AUDITOR GENERAL OF THE STATE OF FLORIDA	23
MANAGEMENT LETTER REQUIRED BY CHAPTER 10.550 OF THE RULES OF THE AUDITOR GENERAL OF THE STATE OF FLORIDA	24-25



INDEPENDENT AUDITOR'S REPORT

To the Board of Supervisors
Bay Laurel Center Community Development District
Marion County, Florida

Report on the Financial Statements

We have audited the accompanying basic financial statements of Bay Laurel Center Community Development District, Marion County, Florida ("District") as of and for the fiscal year ended September 30, 2019, and the related notes to the financial statements, which comprises the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the District as of September 30, 2019, and the respective changes in financial position and cash flows thereof for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and other required supplementary information be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated June 1, 2020, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

June 1, 2020

MANAGEMENT'S DISCUSSION AND ANALYSIS

Our discussion and analysis of Bay Laurel Center Community Development District, Marion County, Florida ("District") provides a narrative overview of the District's financial activities for the fiscal year ended September 30, 2019. Please read it in conjunction with the District's Independent Auditor's Report, basic financial statements, accompanying notes and supplementary information to the basic financial statements.

FINANCIAL HIGHLIGHTS

- The assets plus deferred outflows of resources of the District exceeded its liabilities at the close of the fiscal year ended September 30, 2019 by \$33,328,709, an increase of \$5,716,452 in comparison with the prior fiscal year.

OVERVIEW OF FINANCIAL STATEMENTS

This discussion and analysis are intended to serve as the introduction to the District's financial statements. The District's basic financial statements are comprised of the government-wide financial statements and notes to the financial statements.

Basic Financial Statements

The basic financial statements are designed to provide readers with a broad overview of the District's finances, in a manner similar to a private-sector business.

The basic financial statements report on the function of the District that is principally supported by user fees and charges.

The statement of net position presents information on all the District's assets, deferred outflows of resources, liabilities, and deferred inflows of resources with the residual amount being reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

The statement of revenues, expenses and changes in net position presents information showing how the government's net position changed during the fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods.

Proprietary Funds

The District maintains one type of proprietary fund: an enterprise fund. An enterprise fund is used to account for the operations of the water and sewer utility facilities within the District.

Notes to the Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements.

BASIC FINANCIAL ANALYSIS

As noted earlier, net position may serve over time as a useful indicator of an entity's financial position. In the case of the District, assets plus deferred outflows of resources exceeded liabilities at the close of the fiscal year ended September 30, 2019.

BASIC FINANCIAL ANALYSIS (Continued)

Key components of the District's net position are reflected in the following table:

NET POSITION		
SEPTEMBER 30,		
	2019	2018
Current Assets	\$ 24,212,740	\$ 5,994,465
Noncurrent Assets	41,819,743	55,223,268
Total assets	66,032,483	61,217,733
Deferred outflows of resources	20,969	-
Current liabilities	1,591,521	1,620,091
Long-term liabilities	31,133,222	31,985,385
Total liabilities	32,724,743	33,605,476
Net Position		
Net investment in capital assets	9,983,346	8,220,057
Restricted	17,346,429	14,147,071
Unrestricted	5,998,934	5,245,129
Total net position	\$ 33,328,709	\$ 27,612,257

Key elements of the change in net position are reflected in the following table:

CHANGES IN NET POSITION		
FOR THE FISCAL YEAR ENDED SEPTEMBER 30,		
	2019	2018
Operating revenues	\$ 11,797,853	\$ 10,845,091
Operating expenses:		
Administrative and general	100,196	93,672
Cost of sales and services	4,970,851	4,750,681
Depreciation and amortization	1,275,915	1,156,938
Total operating expenses	6,346,962	6,001,291
Operating Income	5,450,891	4,843,800
Non-operating:		
Interest income	70,429	50,231
Gain on retirement of fixed asset	433	-
Interest expense	(1,421,000)	(1,447,700)
Total non-operating	(1,350,138)	(1,397,469)
Capital contributions	1,615,699	3,416,801
Change in net position	5,716,452	6,863,132
Total net position - beginning	27,612,257	20,749,125
Total net position - ending	\$ 33,328,709	\$ 27,612,257

Business-type activities reflect the operations of the water and sewer facilities within the District. The cost of operations is covered primarily by charges to customers. The increase in operating revenues is primarily the result of increased connections to the utility system leading to increases in capacity and usage charges. Operating expenses increased as a result of serving more customers and increase in depreciation for additional assets.

Capital Assets

The District reported net capital assets of \$41,819,743 for its business-type activities. More detailed information about the District's capital assets is presented in the notes of the financial statements.

Capital Debt

At September 30, 2019, the District had \$32,375,000 in Bonds outstanding for its business-type activities. More detailed information about the District's capital debt is presented in the notes of the financial statements.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGETS AND OTHER EVENTS

The District does not anticipate any major projects or significant changes to its infrastructure maintenance program for the subsequent fiscal year. In addition, it is anticipated that the general operations of the District will remain fairly constant. For the utility operations, it is anticipated that any future growth would come primarily from residential development. The District is continuing to work with the engineer to consider future anticipated capacity requirements for available real property.

CONTACTING THE DISTRICT'S FINANCIAL MANAGEMENT

This financial report is designed to provide our citizens, taxpayers, customers, investors and creditors with a general overview of the District's finances and to demonstrate the District's accountability for the financial resources it manages and the stewardship of the facilities it maintains. If you have questions about this report or need additional financial information, contact the Bay Laurel Center Community Development District's Finance Department at 219 East Livingston Street, Orlando, FL 32801.

**BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA
STATEMENT OF NET POSITION
SEPTEMBER 30, 2019**

ASSETS

Current assets:

Cash and cash equivalents	\$ 5,209,065
Accounts receivable	979,258
Restricted cash:	
Customer deposits	298,910
Restricted investments	17,475,654
Prepaid expense	190,085
Inventory	59,768
Total current assets	<u>24,212,740</u>

Noncurrent assets:

Capital assets:	
Nondepreciable	632,100
Depreciable, net	41,187,643
Total noncurrent assets	<u>41,819,743</u>
Total assets	<u>66,032,483</u>

DEFERRED OUTFLOWS OF RESOURCES

Other post employment benefits	<u>20,969</u>
Total deferred outflows of resources	<u>20,969</u>

LIABILITIES

Current liabilities:

Accounts payable	109,559
Due to Developer	113,827
Payable from restricted assets:	
Customer deposits	298,910
Accrued interest payable	129,225
Bonds payable	940,000
Total current liabilities	<u>1,591,521</u>

Noncurrent liabilities:

OPEB liability	236,825
Bonds payable	30,896,397
Total noncurrent liabilities	<u>31,133,222</u>
Total liabilities	<u>32,724,743</u>

NET POSITION

Net investment in capital assets	9,983,346
Restricted	17,346,429
Unrestricted	5,998,934
Total net position	<u>\$ 33,328,709</u>

See notes to the financial statements

**BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2019**

OPERATING REVENUES	
Charges for sales and services	\$ 11,779,110
Miscellaneous revenue	18,743
Total operating revenues	<u>11,797,853</u>
 OPERATING EXPENSES	
Administrative and general	100,196
Cost of sales and services	4,970,851
Depreciation and amortization	1,275,915
Total operating expenses	<u>6,346,962</u>
OPERATING INCOME	5,450,891
 NON-OPERATING REVENUES (EXPENSES)	
Interest income	70,429
Gain on retirement of fixed asset	433
Interest expense	<u>(1,421,000)</u>
Total non-operating revenues (expenses)	<u>(1,350,138)</u>
Income before capital contributions	4,100,753
Capital contributions	1,615,699
Change in net position	5,716,452
Total net position - beginning	<u>27,612,257</u>
Total net position - ending	<u>\$ 33,328,709</u>

See notes to the financial statements

**BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA
STATEMENT OF CASH FLOWS
FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2019**

CASH FLOW FROM OPERATING ACTIVITIES	
Receipts from customers and users	\$ 11,851,061
Payments to suppliers	(3,756,249)
Payments to employees	(1,395,420)
Net Cash Provided (Used) by Operating Activities	<u>6,699,392</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES	
Gain on retirement of fixed asset	433
Purchase of capital assets	(508,504)
Principal paid	(915,000)
Interest paid	(1,421,000)
Net cash provided (used) by capital and related financing activities	<u>(2,844,071)</u>
CASH FLOW FROM INVESTING ACTIVITIES	
(Purchase) sale of investments	(3,199,359)
Interest income	70,429
Net Cash Provided (Used) by Investing Activities	<u>(3,128,930)</u>
NET CHANGE IN CASH AND CASH EQUIVALENTS	726,391
CASH AND CASH EQUIVALENTS - OCTOBER 1	<u>4,781,584</u>
CASH AND CASH EQUIVALENTS - SEPTEMBER 30	<u><u>\$ 5,507,975</u></u>
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	
Operating income	\$ 5,450,891
ADJUSTMENTS TO RECONCILE OPERATING INCOME TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES:	
Depreciation and amortization	1,275,915
(Increase) / decrease in accounts receivable	7,120
(Increase) / decrease in prepaid expenses	(11,233)
(Increase) / decrease in inventories	(12,117)
(Increase) / decrease in deferred outflows of resources	(20,969)
(Decrease) / increase in accounts payable	(139,051)
(Decrease) / increase in due to Developer	39,393
(Decrease) / increase in unearned revenue	
(Decrease) / increase in customer deposits	46,088
(Decrease) / increase in OPEB liability	63,355
Total adjustments	<u>1,248,501</u>
NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES	<u><u>\$ 6,699,392</u></u>
NON CASH CAPITAL AND RELATED FINANCING:	
Capital Contributions	<u><u>\$ 1,615,699</u></u>

See notes to the financial statements

**BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA
NOTES TO FINANCIAL STATEMENTS**

NOTE 1 – NATURE OF ORGANIZATION AND REPORTING ENTITY

Bay Laurel Center Community Development District ("the District") was created on May 7, 2002 pursuant to the Uniform Community Development District Act of 1980, otherwise known as Chapter 190, Florida Statutes, by Marion County Ordinance 02-11. The Act provides among other things, the power to manage basic services for community development, power to borrow money and issue bonds, and to levy and assess non-ad valorem assessments for the financing and delivery of capital infrastructure.

The District was established for the purposes of financing and managing the planning, maintenance and operation of a water and wastewater system within the District in accordance with powers established by Florida Statute Chapter 190.

The District is governed by the Board of Supervisors ("the District") which is composed of five members. The Supervisors are elected on an at large basis by the owners of the property within the District. The Board of Supervisors of the District exercise all powers granted to the District pursuant to Chapter 190, Florida Statutes. Certain District members are affiliated with On Top of the World Communities, Inc. (the "Developer") at September 30, 2019.

The District has the final responsibility for:

1. Assessing and levying maintenance taxes and special assessments.
2. Approving budgets.
3. Exercising control over facilities and properties.
4. Controlling the use of funds generated by the District.
5. Approving the hiring and firing of key personnel.
6. Financing improvements.

The financial statements were prepared in accordance with Governmental Accounting Standards District ("GASB") Statements. Under the provisions of those standards, the financial reporting entity consists of the primary government, organizations for which the Board of Supervisors is considered to be financially accountable and other organizations for which the nature and significance of their relationship with the District are such that, if excluded, the financial statements of the District would be considered incomplete or misleading. There are no entities considered to be component units of the District; therefore, the financial statements include only the operations of the District.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The District reports all of its activities and functions in a single enterprise fund. The enterprise fund is used to account for the operation of a water and wastewater utility system. The costs of providing services are recovered primarily through user charges.

Enterprise funds are proprietary funds. The measurement focus is based upon determination of net position, financial position and changes in cash flow. The generally accepted accounting principles used are those applicable to similar businesses in the private sector, thus, these funds are maintained on the accrual basis of accounting. Enterprise funds are used to account for operations (a) that are financed and operated in a manner similar to private enterprises, where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) when the governing body has decided that periodic determination of net income is appropriate for capital maintenance, public management control, accountability, or other purposes. Revenues are recognized when earned and expenses are recognized when incurred. All assets and liabilities (whether current or noncurrent) associated with an activity are included in the statement of net position. The reported net position are segregated into invested in capital assets net of related debt, restricted and unrestricted assets.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Basis of Accounting (Continued)

Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the District's enterprise fund are charges to customers for sales and services. Operating expenses of the enterprise fund include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

When both restricted and unrestricted resources are available for use, it is the government's policy to use restricted resources first for qualifying expenditures, then unrestricted resources as they are needed.

Assets, Liabilities and Net Position or Equity

Restricted Assets

These assets represent cash and investments set aside pursuant to Bond covenants or other contractual restrictions.

Deposits and Investments

The government's cash and cash equivalents are considered to be cash on hand and demand deposits.

The District has elected to proceed under the Alternative Investment Guidelines as set forth in Section 218.415 (17) Florida Statutes. The District may invest any surplus public funds in the following:

- a) The Local Government Surplus Trust Funds, or any intergovernmental investment pool authorized pursuant to the Florida Interlocal Cooperation Act;
- b) Securities and Exchange Commission registered money market funds with the highest credit quality rating from a nationally recognized rating agency;
- c) Interest bearing time deposits or savings accounts in qualified public depositories;
- d) Direct obligations of the U.S. Treasury.

Securities listed in paragraph c and d shall be invested to provide sufficient liquidity to pay obligations as they come due.

The District records all interest revenue related to investment activities in the respective funds. Investments are measured at amortized cost or reported at fair value as required by generally accepted accounting principles.

Inventories and Prepaid Items

Inventories represent meter supply carried at historical cost determined on a first-in, first-out basis.

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items.

Capital Assets

Property and equipment are stated at cost. Capital assets are defined by the government as assets with an initial, individual cost of more than \$5,000 (amount not rounded) and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated fair market value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Assets, Liabilities and Net Position or Equity (Continued)

Capital Assets (Continued)

Property, plant and equipment of the District are depreciated using the straight-line method over the following estimated useful lives:

<u>Assets</u>	<u>Years</u>
Water and wastewater facilities	50
Machinery and equipment	3 - 10
Infrastructure	3 - 44

Unearned Revenue

Governmental funds report unearned revenue in connection with resources that have been received, but not yet earned.

Long-Term Obligations

In the basic financial statements, long-term debt and other long-term obligations are reported as liabilities statement of net position. Bond premiums and discounts are deferred and amortized over the life of the Bonds using the straight-line method. Bonds are reported net of the applicable bond premium or discount. Bond issuance costs are expensed when incurred.

Deferred Outflows/Inflows of Resources

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

Net Position

Net position is the difference between assets and deferred outflows of resources less liabilities and deferred inflows of resources. Net position in the government-wide financial statements are categorized as net investment in capital assets, restricted or unrestricted. Net investment in capital assets represents net position related to infrastructure and property, plant and equipment. Restricted net position represents the assets restricted by the District's Bond covenants or other contractual restrictions. Unrestricted net position consists of the net position not meeting the definition of either of the other two components.

Other Disclosures

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

NOTE 3 – DEPOSITS AND INVESTMENTS

Deposits

The District's cash balances were entirely covered by federal depository insurance or by a collateral pool pledged to the State Treasurer. Florida Statutes Chapter 280, "Florida Security for Public Deposits Act", requires all qualified depositories to deposit with the Treasurer or another banking institution eligible collateral equal to various percentages of the average daily balance for each month of all public deposits in excess of any applicable deposit insurance held. The percentage of eligible collateral (generally, U.S. Governmental and agency securities, state or local government debt, or corporate bonds) to public deposits is dependent upon the depository's financial history and its compliance with Chapter 280. In the event of a failure of a qualified public depository, the remaining public depositories would be responsible for covering any resulting losses.

Investments

The District's investments were held as follows at September 30, 2019:

	Amortized Cost	Credit Risk	Maturities
First American Treasury Obligation Class Z	\$ 1,247,292	S&P AAAM	Average of the fund portfolio: 26 days
US Bank Mmkt 5 - Ct	16,228,362	Not applicable	Not applicable
Total Investments	<u>\$ 17,475,654</u>		

Concentration risk – The District places no limit on the amount the District may invest in any one issuer.

Credit risk – For investments, credit risk is generally the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Investment ratings by investment type are included in the preceding summary of investments.

Interest rate risk – The District does not have a formal policy that limits investment maturities as a means of managing exposure to fair value losses arising from increasing interest rates.

However, the Bond Indenture limits the type of investments held using unspent proceeds.

Fair Value Measurement – When applicable, the District measures and records its investments using fair value measurement guidelines established in accordance with GASB Statements. The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques.

These guidelines recognize a three-tiered fair value hierarchy, in order of highest priority, as follows:

- *Level 1:* Investments whose values are based on unadjusted quoted prices for identical investments in active markets that the District has the ability to access;
- *Level 2:* Investments whose inputs - other than quoted market prices - are observable either directly or indirectly; and,
- *Level 3:* Investments whose inputs are unobservable.

The fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the entire fair value measurement. Valuation techniques used should maximize the use of observable inputs and minimize the use of unobservable inputs.

Money market investments that have a maturity at the time of purchase of one year or less and are held by governments other than external investment pools should be measured at amortized cost. Accordingly, the District's investments have been reported at amortized cost above.

NOTE 4 – RESTRICTED ASSETS

Restricted assets include investments which are restricted in connection with the Bond requirements discussed in Note 6. The composition of restricted assets at September 30, 2019 was as follows:

Restricted for:	
Renewal and replacement	\$ 3,765,170
Payment of bond principal and interest	212,712
Revenue fund	402,043
Operating reserve	1,247,292
Reserve account	1,168,851
Surplus fund	<u>10,679,586</u>
Total	<u>\$ 17,475,654</u>

Restricted assets also include cash and cash equivalents that are restricted for the payment of customer security deposits in the aggregate amount of \$298,910.

NOTE 5 – CAPITAL ASSETS

Capital asset activity for the fiscal year ended September 30, 2019 was as follows:

	Beginning Balance	Additions	Reductions	Ending Balance
Capital assets, not being depreciated				
Land and land improvements	\$ 632,100	\$ -	\$ -	\$ 632,100
Total capital assets, not being depreciated	<u>632,100</u>	<u>-</u>	<u>-</u>	<u>632,100</u>
Capital assets, being depreciated				
Water and wastewater facilities	41,019,168	1,615,700	-	42,634,868
Infrastructure	4,628,406	407,719	-	5,036,125
Machinery & Equipment	984,279	100,785	1,379	1,083,685
Total capital assets, being depreciated	<u>46,631,853</u>	<u>2,124,204</u>	<u>1,379</u>	<u>48,754,678</u>
Less accumulated depreciation for:				
Water and wastewater facilities	4,778,725	808,848	-	5,587,573
Infrastructure	1,163,451	351,753	-	1,515,204
Machinery & Equipment	374,805	90,832	1,379	464,258
Total accumulated depreciation	<u>6,316,981</u>	<u>1,251,433</u>	<u>1,379</u>	<u>7,567,035</u>
Total capital assets, being depreciated, net	<u>40,314,872</u>	<u>872,771</u>	<u>-</u>	<u>41,187,643</u>
Business-type activities capital assets	<u>\$ 40,946,972</u>	<u>\$ 872,771</u>	<u>\$ -</u>	<u>\$ 41,819,743</u>

During the current fiscal year, \$546,892 of infrastructure assets was contributed to the District by the Builder, Pulte Homes, and \$1,068,806 was contributed to the District by the Developer, On Top of the World, LLC.

NOTE 6 – LONG-TERM LIABILITIES

Series 2011

In October 2011, the District issued \$38,970,000 in Series 2011 Water and Sewer Revenue Bonds. The Bonds are payable from pledged revenue which includes, without limitation, net revenue received by the District from the users of the water and sewer system and payments as defined in the Master Trust Indenture. The Bonds were issued to finance a portion of the purchase price for the acquisition of certain potable water and wastewater treatment facilities for the benefit of the District. The Bonds are due serially with interest rates from 2% to 4.5%. Interest is to be paid semiannually on each March 1st and September 1st. Principal on the Bonds is to be paid serially commencing September 1, 2012 through September 1, 2041.

The Series 2011 Bonds are subject to redemption at the option of the District prior to their maturity.

The Bond Indenture provides for a Surety Bond to be obtained in place of funding for 50% of the initial Debt Service Reserve Fund (the “Reserve Fund”) or \$1,168,850. The Debt Service Reserve Fund Surety Bond constitutes a Debt Service Reserve Fund Insurance Policy under the Bond Indenture. The District has obtained the required bonding and is in compliance with the reserve requirement.

The Bond Indenture has certain restrictions and requirements relating principally to the procedures to be followed in the collection of pledged revenues and the application of the revenues to the various restricted accounts. The District is in compliance with the requirements of the Bond Indenture. See Note 4 – Restricted Assets for detail of various restricted accounts.

Long-term Debt Transactions

Changes in long-term liabilities for the fiscal year ended September 30, 2019 were as follows:

	Beginning Balance	Additions	Reductions	Ending Balance	Due Within One Year
<u>Business-type activities</u>					
Bonds payable:					
Series 2011	\$ 33,290,000	\$ -	\$ 915,000	\$ 32,375,000	\$ 940,000
Less discount	563,085	-	24,482	538,603	-
Total	<u>\$ 32,726,915</u>	<u>\$ -</u>	<u>\$ 890,518</u>	<u>\$ 31,836,397</u>	<u>\$ 940,000</u>

At September 30, 2019, the scheduled debt service requirements on the long - term liabilities were as follows:

Year ending September 30:	Principal	Interest	Total
2020	\$ 940,000	\$ 1,393,550	\$ 2,333,550
2021	970,000	1,365,350	2,335,350
2022	1,000,000	1,333,826	2,333,826
2023	1,035,000	1,298,826	2,333,826
2024	1,075,000	1,262,600	2,337,600
2025-2029	6,060,000	5,615,252	11,675,252
2030-2034	7,530,000	4,143,378	11,673,378
2035-2039	9,390,000	2,289,152	11,679,152
2040-2041	4,375,000	297,452	4,672,452
Total	<u>\$ 32,375,000</u>	<u>\$ 18,999,386</u>	<u>\$ 51,374,386</u>

NOTE 7 – RELATED PARTY TRANSACTIONS

Water Treatment Plant Lease Agreement

The District leases water treatment plant #3 on an annual basis whose ownership includes a Developer affiliate. Lease payments are calculated each year based on a formula detailed in the lease agreement. According to terms of the lease agreement, in the event that the lessor exercise its option to make capital improvements to the leased property for renewal and replacement of existing leased property, then the annual base shall be increased in accordance with the terms of the agreement. Lease expense for the facility totaled \$669,840 for the fiscal year ended September 30, 2019.

License Agreement

On July 1, 2017, the District reentered into an agreement with the Developer whereby the District is licensed to dispose of bio-solids and effluent produced by the wastewater facility on certain property owned by the Developer. The original term of this agreement commenced on April 3, 1998 and shall continue until the expiration of the Developer's Department of Environmental Protection Permit, which may be renewed from time to time by the District, unless sooner terminated in accordance with the provisions set forth in the agreement. During the first year of the reentered agreement, the District will pay a monthly fee of \$4,200. Thereafter, the monthly fee will escalate based on an annual CPI adjustment. During the current fiscal year, the monthly fee was \$4,394.

Developer's Agreement

On May 18, 2010, the District and Developer entered into a new Standard Developer Agreement which replaced the 1994 Agreement. The Standard Developer Agreement states that the District will provide utility capacity for the Developer's properties on the same terms and conditions as other non-Developer builders.

Development Agreement

On September 29, 2005, the District entered into an agreement with the Builder, Pulte Homes. The details of the agreement grant and give the District exclusive right and privilege to construct, own, maintain, operate, and expand the utility service facilities in, under, upon, over and across the present and future streets, roads, easements, storm water retention areas, reserved utility sites and public places as provided and dedicated to utility or public use. On April 26, 2011, the Standard Developer Agreement was amended to reserve 3200 Equivalent Residential Connections ("ERC") of potable water capacity and 3200 ERCs of wastewater capacity, in addition to any former Standard Developer Agreement connections, for the Builder, upon payment of all applicable fees and charges.

Inter-local Agreement

On February 13, 2006, the District entered into an Inter-local Agreement with Indigo East Community Development District and Candler Hills East Community Development District where the District will issue Series 2006 Bonds – as discussed in Note 9. According to the terms of the agreements, the District will loan a part of the proceeds of the Bond issuance to Indigo East Community Development District and Candler Hills East Community Development District to finance the cost of the acquisition of the Developer's rights or interest in the Development Improvements, including the real property acquisitions and other related purposes, the terms of which are outlined in the Development Improvement Acquisition Agreement entered between the District and Indigo East Community Development District on May 4, 2006 and Candler Hills East Community Development District and the District also on May 4, 2006.

Office Space Lease Agreement

In October 2012, the District entered a five year lease agreement with the Developer for office space. In the prior fiscal year the lease term was extended for an additional five years. Lease payments are calculated each year based on a formula detailed in the lease agreement. Lease expense for the facility totaled \$78,105 for the fiscal year ended September 30, 2019.

Water and Wastewater Agreement

On May 18, 2010, the District entered an agreement with On Top of the World Central Owners Association ("Association") whereby the District will provide water and wastewater services to 2098 ERCs in exchange for user charges based on usage. Usage is determined by a protocol described in the agreement. Pursuant to this agreement, the Association remitted \$2,038,067 in user charges to the District for water and wastewater usage during the current year.

NOTE 8 – OTHER INFORMATION

In a prior fiscal year, Pulte Group began advancing funds for future water and wastewater capacity fees and meter installation fees. At September 30, 2019, Pulte Group was owed \$113,377 by the District for water and wastewater capacity fees and meter installation fees which were advanced.

NOTE 9 – CONDUIT DEBT

During a prior fiscal year, the District issued conduit debt of \$5,125,000 of Series 2016 Special Assessment Revenue Refunding Bonds in order to currently refund the outstanding Series 2006 Bonds. These Bonds are special limited obligations of the District, payable solely from and secured by pledged revenues to be collected by Indigo East Community Development District and Candler Hills East Community Development District. The Bonds do not constitute a debt or pledge of the faith and credit of the Bay Laurel Center Community Development District, and accordingly have not been reported in the accompanying financial statements. As of September 30, 2019, \$4,095,000 of the Bonds are outstanding.

NOTE 10 – RETIREMENT PLAN

The District maintains a defined contribution plan for employees who meet a certain pay requirement. The District makes a matching contribution of 25% for up to 6% of the total salaries of qualified participants. Total salaries of qualified participants for the fiscal year ended September 30, 2019 were approximately \$719,118. During the current fiscal year, the District contributed approximately \$6,485 on behalf of employees to the deferred compensation plan and employees contributed approximately \$27,777.

NOTE 11 – OTHER POSTEMPLOYMENT BENEFITS (OPEB)

Plan Description

The District provides post-employment healthcare insurance coverage to eligible individuals pursuant to the requirements of State law.

Eligibility - Eligible individuals include all regular, full-time employees of the District who are eligible for retirement or disability benefits under the pension plan sponsored by the District. Under certain conditions, eligible individuals for healthcare coverage also include spouses and dependent children.

Explicit Benefit Cost Sharing – Retiree and Dependents - Retirees must pay 100% of the monthly premium as determined by the insurance carrier. The premium varies depending on whether the retiree elects single or spouse / family coverage.

Implicit Benefits - Employees are permitted to continue coverage under the plans offered by the District in retirement by paying 100% of the cost of the premium for the continued coverage. This arrangement creates an implicit cost and liability for the District because the premium charged for these retirees is the same as the premium charged for active employees, who are younger than retirees on average. Since the same premiums are charged to active employees and retirees, and the District is unable to obtain age-adjusted premium information for the retirees, GASB 75 requires the district to calculate age-adjusted premiums for the purpose of projecting future benefits for retirees.

Surviving Spouse Benefit - Surviving beneficiaries continue to receive access to the District's medical coverage after the death of the retired employee as long as they pay the required premiums

Post Employment Benefits - Currently, 0 retired employees receive health benefits from the District. Future retirees will contribute 100% for coverage.

The District recognizes the cost of providing health insurance annually as expenses in the Statement of Revenues, Expenses and Changes in Net Position as costs are incurred. For the year ended September 30, 2019, the District recognized \$0 for its share of insurance premiums for currently enrolled retirees.

NOTE 11 – OTHER POSTEMPLOYMENT BENEFITS (OPEB) (Continued)

Plan Membership

At September 30, 2019, the following employees were covered by benefit terms:

Inactive employees or beneficiaries currently receiving benefits	-
Inactive employees entitled to, but not yet receiving benefits	-
Active employees	<u>19</u>
	<u>19</u>

Changes in Net OPEB Liability

Sources of changes in the net OPEB liability were as follows:

	<u>Total OPEB Liability</u>	<u>Fiduciary Net Position</u>	<u>Net OPEB Liability</u>
Balance as of September 30, 2018	\$ 173,470	\$ -	\$ 173,470
Changes due to:			
Service cost	33,771	-	33,771
Expected interest growth	7,417	-	7,417
Demographic experience	5,630	-	5,630
Benefit payments & refunds	(134)	-	(134)
Assumption changes	16,671	-	16,671
Balance as of September 30, 2019	<u>\$ 236,825</u>	<u>\$ -</u>	<u>\$ 236,825</u>

Actuarial Assumptions

Significant actuarial assumptions used to calculate the total OPEB liability were as follows:

Measurement date	September 30, 2019
Actuarial valuation date	October 1, 2018
Actuarial assumptions:	
Discount Rate	3.58%
Salary increase	3.00% per year.
Mortality	Sex distinct rates set forth in the PUB-2010 Mortality Table using Scale MP-2017
Retirement	Retirement is assumed to occur at age 62 with 10 years of service or at age 65 otherwise. Retirees are assumed to not have any dependent children.
Coverage election	50% of eligible employees are assumed to elect medical coverage until age 65 upon retirement or disability in accordance with their current election as to spousal coverage.
Spousal age	Husbands are assumed to be 3 years older than wives

Changes

Since the prior measurement date, the discount rate was decreased from 3.64% per annum to 3.58% per annum. The implied monthly subsidy per individual at age 62 for the 2018/2019 fiscal year was increased from \$756 to \$800. The mortality basis was changed from the RP-2000 Combined Mortality Table with generational improvements in mortality using Scale BB to the PUB-2010 Mortality Table for general employees with generational improvements in mortality using Scale MP-2017.

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the net OPEB liability of the District, as well as what the District's net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (2.58%) or 1-percentage-point higher (4.58%) than the current discount rate:

0.01 Decrease (2.58%)	Current Discount Rate (3.58%)	0.01 Increase (4.58%)
\$ 265,196	\$ 236,825	\$ 211,628

NOTE 11 – OTHER POSTEMPLOYMENT BENEFITS (OPEB) (Continued)

Sensitivity of the Net OPEB Liability Using Alternative Healthcare Cost Trend Rates

The following presents the net OPEB liability of the District, as well as what the District's net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage-point lower (7.5% decreasing to 6.5%) or 1-percentage-point higher (7.5% increasing to 8.5%) than the current healthcare cost trend rates:

1% Decrease	Healthcare Cost Trend	1% Increase
6.5%	Rates - 7.5% Baseline	8.5%
\$ 220,141	\$ 236,825	\$ 285,262

OPEB Expense and Deferred Outflows of Resources Related to OPEB

For the year ended September 30, 2019, the District recognized OPEB expense of \$42,386. At September 30, 2019, the District reported deferred outflows of resources related to OPEB from the following sources:

Description	Deferred Outflows of Resources
Changes due to:	
Amortization payments	\$ (1,332)
Demographic gain/loss	5,630
Assumption changes	16,671
	<u>\$ 20,969</u>

Amounts reported as deferred outflows of resources will be recognized in OPEB expense as follows:

Year Ending September 30:	Amount
2020	\$ 1,332
2021	1,332
2022	1,332
2023	1,332
2024	1,332
Thereafter	14,309
	<u>\$ 20,969</u>

NOTE 12 – OPERATING LEASE

During the prior fiscal year, the District entered into a five year operating lease agreement with annual lease payments for a backhoe. Lease expense for the operating lease totaled \$10,620 for the fiscal year ended September 30, 2019.

NOTE 13 – MANAGEMENT COMPANY

The District has contracted with a management company to perform management advisory services, which include financial and accounting advisory services. Certain employees of the management company also serve as officers of the District. Under the agreement, the District compensates the management company for management, accounting, financial reporting, computer and other administrative costs.

NOTE 14 – RISK MANAGEMENT

The District is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; and natural disasters. The District has obtained commercial insurance from independent third parties to mitigate the costs of these risks; coverage may not extend to all situations. There were no settled claims during the past three years.

NOTE 15 – SUBSEQUENT EVENTS

Acceptance of Utility Systems

Subsequent to fiscal year end, the District accepted utility systems and other improvements valued at approximately \$496,137 from the Developer, On Top of the World Communities, Inc. and \$216,622 from the Developer, Pulte Homes.

**BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT
MARION COUNTY, FLORIDA
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CHANGES IN NET OPEB LIABILITY AND RELATED RATIOS
FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2019**

	<u>2019</u>	<u>2018</u>
Total OPEB Liability		
Beginning balance	\$ 173,470	\$ 140,811
Service cost	33,771	26,654
Expected interest growth	7,417	6,094
Demographic experience	5,630	-
Benefit payments & refunds	(134)	(89)
Assumption changes	16,671	-
Ending balance	<u>\$ 236,825</u>	<u>\$ 173,470</u>
 Plan Fiduciary Net Position		
Beginning balance	\$ -	\$ -
Service cost	-	-
Expected interest growth	-	-
Demographic experience	-	-
Benefit payments & refunds	-	-
Assumption changes	-	-
Ending balance	<u>\$ -</u>	<u>\$ -</u>
 Net OPEB Liability	 <u>\$ 236,825</u>	 <u>\$ 173,470</u>
 Plan fiduciary net position as a percentage of total OPEB liability	 0.00%	 0.00%
 Covered payroll	 \$ 806,809	 682,927
 Net OPEB liability as a percentage of covered payroll	 29.35%	 25.40%

GASB 75 requires information for 10 years. However, until a full ten-year trend is compiled, information will be presented for only those years which information is available



INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Board of Supervisors
Bay Laurel Center Community Development District
Marion County, Florida

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the basic financial statements of Bay Laurel Center Community Development District, Marion County, Florida ("District") as of and for the fiscal year ended September 30, 2019, and the related notes to the financial statements, which comprises the District's basic financial statements, and have issued our opinion thereon dated June 1, 2020.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

June 1, 2020



**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH THE
REQUIREMENTS OF SECTION 218.415, FLORIDA STATUTES, REQUIRED BY
RULE 10.556(10) OF THE AUDITOR GENERAL OF THE STATE OF FLORIDA**

To the Board of Supervisors
Bay Laurel Center Community Development District
Marion County, Florida

We have examined Bay Laurel Center Community Development District, Marion County, Florida's ("District") compliance with the requirements of Section 218.415, Florida Statutes, in accordance with Rule 10.556(10) of the Auditor General of the State of Florida during the fiscal year ended September 30, 2019. Management is responsible for District's compliance with those requirements. Our responsibility is to express an opinion on District's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether the District complied, in all material respects, with the specified requirements referenced in Section 218.415, Florida Statutes. An examination involves performing procedures to obtain evidence about whether the District complied with the specified requirements. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material noncompliance, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion. Our examination does not provide a legal determination on the District's compliance with specified requirements.

In our opinion, the District complied, in all material respects, with the aforementioned requirements for the fiscal year ended September 30, 2019.

This report is intended solely for the information and use of the Legislative Auditing Committee, members of the Florida Senate and the Florida House of Representatives, the Florida Auditor General, management, and the Board of Supervisors of Bay Laurel Center Community Development District, Marion County, Florida and is not intended to be and should not be used by anyone other than these specified parties.

June 1, 2020



**MANAGEMENT LETTER PURSUANT TO THE RULES OF
THE AUDITOR GENERAL FOR THE STATE OF FLORIDA**

To the Board of Supervisors
Bay Laurel Center Community Development District
Marion County, Florida

Report on the Financial Statements

We have audited the accompanying basic financial statements of Bay Laurel Center Community Development District ("District") as of and for the fiscal year ended September 30, 2019, and have issued our report thereon dated June 1, 2020.

Auditor's Responsibility

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and Chapter 10.550, Rules of the Auditor General.

Other Reporting Requirements

We have issued our Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance with *Government Auditing Standards*; and Independent Auditor's Report on an examination conducted in accordance with *AICPA Professional Standards*, AT-C Section 315, regarding compliance requirements in accordance with Chapter 10.550, Rules of the Auditor General. Disclosures in those reports, which are dated June 1, 2020, should be considered in conjunction with this management letter.

Purpose of this Letter

The purpose of this letter is to comment on those matters required by Chapter 10.550 of the Rules of the Auditor General for the State of Florida. Accordingly, in connection with our audit of the financial statements of the District, as described in the first paragraph, we report the following:

- I. Current year findings and recommendations.**
- II. Status of prior year findings and recommendations.**
- III. Compliance with the Provisions of the Auditor General of the State of Florida.**

Our management letter is intended solely for the information and use of the Legislative Auditing Committee, members of the Florida Senate and the Florida House of Representatives, the Florida Auditor General, Federal and other granting agencies, as applicable, management, and the Board of Supervisors of Bay Laurel Center Community Development District, Marion County, Florida and is not intended to be and should not be used by anyone other than these specified parties.

We wish to thank Bay Laurel Center Community Development District, Marion County, Florida and the personnel associated with it, for the opportunity to be of service to them in this endeavor as well as future engagements and the courtesies extended to us.

June 1, 2020

REPORT TO MANAGEMENT

I. CURRENT YEAR FINDINGS AND RECOMMENDATIONS

None

II. PRIOR YEAR FINDINGS AND RECOMMENDATIONS

None

III. COMPLIANCE WITH THE PROVISIONS OF THE AUDITOR GENERAL OF THE STATE OF FLORIDA

Unless otherwise required to be reported in the auditor's report on compliance and internal controls, the management letter shall include, but not be limited to the following:

1. A statement as to whether or not corrective actions have been taken to address findings and recommendations made in the preceding annual financial audit report.

There were no significant findings and recommendations made in the preceding annual financial audit report for the fiscal year ended September 30, 2018.

2. Any recommendations to improve the local governmental entity's financial management.

There were no such matters discovered by, or that came to the attention of, the auditor, to be reported for the fiscal year ended September 30, 2019.

3. Noncompliance with provisions of contracts or grant agreements, or abuse, that have occurred, or are likely to have occurred, that have an effect on the financial statements that is less than material but which warrants the attention of those charged with governance.

There were no such matters discovered by, or that came to the attention of, the auditor, to be reported, for the fiscal year ended September 30, 2019.

4. The name or official title and legal authority of the District are disclosed in the notes to the financial statements.

5. The District has not met one or more of the financial emergency conditions described in Section 218.503(1), Florida Statutes.

6. We applied financial condition assessment procedures and no deteriorating financial conditions were noted as of September 30, 2019. It is management's responsibility to monitor financial condition, and our financial condition assessment was based in part on representations made by management and the review of financial information provided by same.

SECTION VI

SECTION A

Bay Laurel  **Center**
CDD

8470 SW 79th Street Rd., Ste. 3
Ocala Florida 34481
(352) 414-5454

March 4, 2020

Mr. Marc Roscoe
Pulte Home Corporation
2662 South Falkenburg Rd.
Riverview, FL 33578
Marc.roscoe@pultegroup.com

RE: Stone Creek Wellington
Acceptance of Utility System

Dear Mr. Roscoe:

The District is in receipt of the certification package for Stone Creek Wellington submitted by your engineer of record on 3/3/2020. All required documents noted in the Developer's Agreement have been reviewed and are complete.

This letter serves as notification that the improvements of the potable water and sanitary sewer system components for Stone Creek Wellington, contained in the UAP package submittals referenced above, will be presented to the Bay Laurel Center Community Development District Board for final acceptance at its next meeting.



Kenneth D. Colen, as Chairman

KDC/lal

Cc: George Flint, District Manager
Gerald Colen, District Counsel

BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS that Pulte Home Company, LLC (hereinafter referred to as Grantor) is the lawful owner of certain goods and chattels, to-wit: the right-of-way and/or property of Grantor and/or properly dedicated easement to the District, which system is more completely described, and by these presents does grant, bargain, sell, transfer, set over and deliver unto District, its successors and assigns, all those certain goods and chattels described as follows:

Potable water lines and/or sanitary wastewater collection lines and/or lift stations and/or water production facilities and/or irrigation quality water lines and related facilities constructed within the right-of-way and/or property of Grantor and/or properly dedicated easement to the District, which system is more completely described, with a total constructed value of \$ 626,419.40.

TO HAVE AND TO HOLD the same unto District, its successors and assigns forever.

And the GRANTOR, for itself and its successors, hereby covenants to and with District, its successors and assigns, that it is the lawful owner of the said goods and chattels, that they are free from all liens and encumbrances, that it has good right to sell the same as aforesaid, and that it will warrant and defend the same against the lawful claims and demands of all persons whomsoever.

In addition, the GRANTOR hereby warrants said potable water systems and/or sanitary wastewater collection systems and/or lift stations and/or water production facilities and related facilities to be free from defects due to installation and/or materials for a period of twelve (12) months from the date of execution of this document and GRANTOR further agrees to reimburse District in full for reasonable and necessary repairs (as determined by District), due to said defects during the twelve (12) month period; cost of same shall be set out on an invoice from the person performing the repairs.

GRANTOR:

By:

Mark Roscoe
Print Name

STATE OF FLORIDA

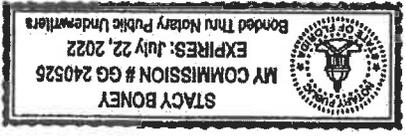
COUNTY OF Marion

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 25th day of February, 2020 by Mark Roscoe as Director of Land Development for Pulte Home Company LLC

Stacy Boney
(Signature of Notary Public, State of Florida)
Stacy Boney
(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known

Produced Identification: _____



**ENGINEERS SCHEDULE OF VALUES
STONE CREEK BY DEL WEBB
WELLINGTON - 127 LOTS**

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
I. SANITARY SEWER				
1	Sanitary Manhole (4'-6' Depth)	2	EA 2,050.00	4,100.00
2	Sanitary Manhole (8'-10' Depth)	3	EA 2,700.00	8,100.00
3	Sanitary Manhole (10'-12' Depth)	4	EA 2,850.00	11,400.00
4	Sanitary Manhole (12'-14' Depth)	3	EA 4,000.00	12,000.00
5	Sanitary Manhole (14'-16' Depth)	6	EA 4,550.00	27,300.00
6	Sanitary Manhole (16'-18' Depth) with approved liner	1	EA 11,300.00	11,300.00
7	8" PVC (SDR 26) Gravity Sewer	4,837	LF 21.70	104,962.90
8	Single sewer service, includes all fittings (SDR 26)	6	EA 450.00	2,700.00
9	Double sewer service, includes all fittings (SDR 26)	61	EA 605.00	36,905.00
10	Testing of gravity sewer	4,837	LF 1.00	4,837.00
11	18" S.D.	83	LF 32.00	2,656.00
12	24" S.D.	393	LF 45.10	17,724.30
13	30" S.D.	240	LF 62.00	14,880.00
14	42" S.D.	292	LF 85.85	25,068.20
15	48" S.D.	124	LF 108.00	13,392.00
16	54" R.C.P.	147	LF 154.00	22,638.00
17	Type "J" Structure with Construction Lid	3	EA 3,865.00	11,595.00
18	Type "J" Storm Structure with Silt Saver	1	EA 4,550.00	4,550.00
19	Type "P-6" Modified Curb Inlet	4	EA 3,165.00	12,660.00
20	FDOT Type "P" Storm Manhole	2	EA 2,265.00	4,530.00
21	FDOT Type "C" Inlet	1	EA 2,165.00	2,165.00
SANITARY SEWER SUBTOTAL				355,463.40
II. WATER DISTRIBUTION				
1	6" PVC DR-18, Water Main including restrained joints and sleeving	1,488	LF 15.00	22,320.00
2	6" Gate valve and box	4	EA 1,080.00	4,320.00
3	8" PVC DR-18, C900, Water Main including restrained joints and sleeving	3,014	LF 20.50	61,787.00
4	8" Gate valve and box	6	EA 1,480.00	8,880.00
5	8" x 6" M.J.D.I Tee	4	EA 550.00	2,200.00
6	8" x 22.5° M.J.D.I Bend	3	EA 480.00	1,440.00
7	8" x 45° M.J.D.I Fitting	2	EA 480.00	960.00
8	12" PVC DR-18, Water Main including restrained joints and sleeving	977	LF 35.00	34,195.00
9	12" Gate valve and box	3	EA 2,460.00	7,380.00
10	12" x 8" M.J.D.I Tee	2	EA 870.00	1,740.00
11	12" Temporary cap with 2" Blow off assembly	1	EA 2,000.00	2,000.00
12	Fire Hydrant Assembly	9	EA 3,960.00	35,640.00
13	Single Water Service, including sleeving	11	EA 470.00	5,170.00
14	Double Water Service, including sleeving	58	EA 595.00	34,510.00
15	Irrigation Service, including sleeving	2	EA 1,500.00	3,000.00
16	Pressure Testing of Water Main	5,479	LF 1.00	5,479.00
17	Chlorination and bacteriological clearance	5	EA 280.00	1,400.00
18	12" PVC DR-18, Water Main including restrained joints and sleeving	751	LF 35.00	26,285.00
19	12" Gate valve and box	1	EA 2,460.00	2,460.00
20	12" x 12" M.J.D.I Tee	1	EA 1,000.00	1,000.00
21	12" Temporary cap with 2" Blow off assembly	1	EA 2,000.00	2,000.00
22	Pressure Testing of Water Main	6,230	LF 1.00	6,230.00
23	Chlorination and bacteriological clearance	2	EA 280.00	560.00
WATER DISTRIBUTION SUBTOTAL				\$ 270,956.00
I. SANITARY SEWER				355,463.40
II. WATER DISTRIBUTION				270,956.00
GRAND TOTAL				626,419.40

BY: Justin Ciraco DATE: 2/5/2020
 CONTRACTOR: CIRACO UNDERGROUND, INC.

SECTION B

Bay Laurel  **Center**
CDD

8470 SW 79th Street Rd., Suite 3
Ocala Florida 34481
(352) 414-5454

July 16, 2020

Mr. Kenneth D. Colen
On Top of the World Communities, LLC
8445 SW 80th St.
Ocala, FL 34481.
KDColen266@otowfl.com

RE: Candler Hills West Newcastle
Acceptance of Utility System

Dear Mr. Colen:

The District is in receipt of the certification package for the Candler Hills West Newcastle submitted by your engineer of record on July 16, 2020. All required documents noted in the Developer's Agreement have been reviewed and are complete.

This letter serves as notification that the improvements of the potable water and sanitary sewer system components for Candler Hills West Newcastle, contained in the UAP package submittals referenced above, will be presented to the Bay Laurel Center Community Development District Board for final acceptance at its next meeting.

Print Name and Title

BLCCDD/lat



Cc: George Flint, District Manager
Gerald Colen, District Counsel

BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS that On Top of the World Communities, LLC (hereinafter referred to as the "Grantor"), for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable considerations to it paid by Bay Laurel Center Community Development District, (hereinafter referred to as "District"), the receipt of which is hereby acknowledged, has granted, bargained, sold, transferred, set over and delivered, and by these presents does grant, bargain, sell, transfer, set over and deliver unto District, its successors and assigns, all those certain goods and chattels described as follows:

Potable water lines and/or sanitary wastewater collection lines and/or lift stations and/or water production facilities and/or irrigation quality water lines and related facilities constructed within the right-of-way and/or property of Grantor and/or properly dedicated easement to the District, which system is more completely described in Exhibit "1 A" and/or "1 B", for "Candler Hills West – Newcastle" with a total constructed value of \$194,862.25.

TO HAVE AND TO HOLD the same unto District, its successors and assigns forever.

And the GRANTOR, for itself and its successors, hereby covenants to and with District, its successors and assigns, that it is the lawful owner of the said goods and chattels, that they are free from all liens and encumbrances, that it has good right to sell the same as aforesaid, and that it will warrant and defend the same against the lawful claims and demands of all persons whomsoever.

In addition, the GRANTOR hereby warrants said potable water systems and/or sanitary wastewater collection systems and/or lift stations and/or water production facilities and related facilities to be free from defects due to installation and/or materials for a period of twelve (12) months from the date of execution of this document and GRANTOR further agrees to reimburse District in full for reasonable and necessary repairs (as determined by District), due to said defects during the twelve (12) month period; cost of same shall be set out on an invoice from the person performing the repairs.

GRANTOR:

ON TOP OF THE WORLD COMMUNITIES, LLC

By:

[Handwritten Signature]
Kenneth D. Colen as President

Print Name/Title

STATE OF FLORIDA)
) SS:
COUNTY OF MARION)

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 16th day of July, by Kenneth D. Colen as President for On Top of the World Communities, LLC.

NOTARY STAMP



NOTARY PUBLIC

[Handwritten Signature]
Notary Signature

Personally Known
Produced Identification: _____



4260 NE 35th Street, Ocala, FL 34479
 Office: (352) 236-3355
 Fax: (352) 236-0038

ATTN: Boe Stepp
 OTOW - On Top of The World
 8435 SW 80th Street, Suite 3
 Ocala, FL 34481

June 19, 2020

EMAIL: robert_stepp@otowfl.com

RE: OTOW - CANDLER HILLS WEST - NEWCASTLE

WE PROPOSE THE FOLLOWING FINAL QUANTITIES:

DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
SEWER				
6" PVC Pipe SDR 26	614	LF	14.00	8,596.00
8" PVC Pipe SDR 26 (0' -6')	213	LF	16.00	3,408.00
8" PVC Pipe SDR 26 (6' -8')	1071	LF	17.00	18,207.00
8" PVC Pipe SDR 26 (8' -10')	486	LF	19.00	9,234.00
8" PVC Pipe SDR 26 (10' -12')	325	LF	20.00	6,500.00
8" x 8" x 6" PVC Wye	24	EA	110.00	2,640.00
6" PVC 45° Bend	26	EA	40.00	1,040.00
4' Dia. Sanitary Manhole (0'-6')	1	EA	2325.00	2,325.00
4' Dia. Sanitary Manhole (6'-8')	4	EA	2700.00	10,800.00
4' Dia. Sanitary Manhole (8'-10')	2	EA	3150.00	6,300.00
4' Dia. Sanitary Manhole (10'-12')	2	EA	3350.00	6,700.00
Pour Inverts in Existing Structure	1	EA	525.00	525.00
Adjust Sanitary Manhole Rim Elevation	1	EA	1275.00	1,275.00
Single Sanitary Sewer Service	7	EA	175.00	1,225.00
Double Sanitary Sewer Service	19	EA	270.00	5,130.00
Low Pressure Test (Gravity)	1	LS	750.00	750.00
Pipe Cleaning - 8" Main	2095	LF	2.20	4,609.00
Connect New 8" Main to Existing Manhole (8'-10')	2	EA	1725.00	3,450.00
			Total	92,714.00
WATER				
1" PE Tubing Service Line	667	LF	4.75	3,168.25
6" PVC Water Main - DR18	1140	LF	11.25	12,825.00
8" PVC Water Main - DR18	1660	LF	16.00	26,560.00
6" M.J.D.I. Sleeve	1	EA	195.00	195.00
6" x 22.5° M.J.D.I. Bend	4	EA	155.00	620.00
6" x 45° M.J.D.I. Bend	5	EA	160.00	800.00
8" M.J.D.I. Sleeve	1	EA	250.00	250.00
8" x 11.25° M.J.D.I. Bend	1	EA	185.00	185.00
8" x 22.5° M.J.D.I. Bend	5	EA	200.00	1,000.00
8" x 45° M.J.D.I. Bend	6	EA	200.00	1,200.00
8" x 8" x 6" M.J.D.I. Tee	2	EA	300.00	600.00
6" Gate Valve and Valve Box	2	EA	1020.00	2,040.00
8" Gate Valve and Valve Box	3	EA	1445.00	4,335.00

DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
6" Mega Lug Fitting Restraint	36	EA	70.00	2,520.00
8" Mega Lug Fitting Restraint	43	EA	90.00	3,870.00
6" Pipe Joint Restraint	7	EA	90.00	630.00
8" Pipe Joint Restraint	21	EA	130.00	2,730.00
Fire Hydrant Assembly	4	EA	3320.00	13,280.00
6" x 6" x 6" M.J.D.I. Hydrant Tee	1	EA	280.00	280.00
8" x 8" x 6" M.J.D.I. Hydrant Tee	3	EA	325.00	975.00
2" PVC Sleeve - Water Service	400	LF	4.25	1,700.00
1" Single Water Service	15	EA	330.00	4,950.00
1" Double Water Service	15	EA	465.00	6,975.00
8" x 12" Tapping Saddle w/Valve & Box	1	EA	4600.00	4,600.00
Connect New 8" Main To Existing 8" Main	1	EA	725.00	725.00
Connect New 8" Main To Existing 12" Main	1	EA	825.00	825.00
Water Sample Point	1	EA	385.00	385.00
Bacteriological & Disinfection	1	LS	900.00	900.00
Hydrostatic Pressure Testing	1	LS	1000.00	1,000.00
Temporary Jumper Connection	1	EA	2025.00	2,025.00
			Total	102,148.25

TOTAL PROPOSAL:	\$194,862.25
------------------------	---------------------

Sincerely,



Charles D. Bell, P.E.
Engineering Manager

SECTION VII

SECTION A

Consulting Engineer's Annual Report 2019-2020

Bay Laurel Center Community Development District
Ocala, Florida
GAI Project Number: A090817.15

August 2020



Prepared by: GAI Consultants, Inc.
Orlando Office
618 E. South Street
Suite 700
Orlando, Florida 32801

Prepared for: The Board of Supervisors
Bay Laurel Center Community Development District
8470 SW 79th Street Road
Suite 3
Ocala, Florida 34481

Consulting Engineer's Annual Report 2019-2020

Bay Laurel Center Community Development District

Ocala, Florida

GAI Project Number: A090817.15

August 2020

Prepared for:
The Board of Supervisors
Bay Laurel Center Community Development Districts
8470 SW 79th Street Road, Suite 3
Ocala, Florida 34481

Prepared by:
GAI Consultants, Inc.
618 E. South Street
Suite 700
Orlando, Florida 32801

Report Authors:



Jules J. Ameno, P.E.
Senior Engineering Manager

Bingjie Zhao

Bingjie Zhao, P.E., Ph.D.
Project Engineer

Table of Contents

1.0	Introduction	3
1.1	Purpose.....	3
1.2	Background	3
1.3	Sources of Information.....	3
1.4	Organization.....	3
2.0	Overall Utility System.....	6
3.0	System Condition	8
3.1	Water Systems	8
3.1.1	Water Supply.....	8
3.1.2	Water Treatment	8
3.1.3	Water Distribution.....	9
3.2	Wastewater Systems.....	9
3.2.1	Wastewater Treatment.....	9
3.2.2	Wastewater Collection & Pump Stations	9
3.2.3	Reclaimed/Disposal	10
4.0	Operations	11
4.1	Water Production	12
4.2	Wastewater Treatment.....	12
5.0	Financials.....	14
5.1	General	14
5.2	Water, Wastewater and Reclaimed Water Rates	14
5.3	Connection Fees	14
5.4	Revenue Bonds.....	16
5.5	Debt Service Coverage	16
	Coverage Tests.....	17
	Gross Revenues	17
	Operating Expenses	17
	Net Revenue.....	17
	Debt Service Coverage	18
	Reserve Balances.....	18
6.0	Findings/Conclusions	19

List of Tables

Table 2-1	Number of ERC's	6
Table 3-1	Raw Water Withdrawal Components Characteristics	8
Table 4-1	Energy Usage for 2012 – 2019	11
Table 4-2	Water Production for January 2019 – January 2020.....	13
Table 4-3	Wastewater Processed for January 2019 – December 2019.....	13

Table 5-1 District Adopted Rate Schedule	15
Table 5-2 Combined Debt Service Schedule	16
Table 5-3 Net Revenues FY 2019/FY 2018	17
Table 5-4 Debt Service Coverage Calculations FY 2019	18

List of Figures

Figure 1-1 Organizational Chart.....	5
Figure 2-1 Service Area Map	7
Figure 4-1 Energy Usage and Cost 2012-2019.....	12

Appendix A	Water and Wastewater Permits
Appendix B	Water Treatment Facilities Inspection Data
Appendix C	Wastewater Treatment Facilities Inspection Data
Appendix D	Lift Station Inspection Data
Appendix E	Five Year CIP
Appendix F	Insurance Coverage Analysis

1.0 Introduction

1.1 Purpose

The Bay Laurel Center Community Development District (District) owns, operates and maintains utility infrastructure within and surrounding the "On Top of the World" (OTOW) community, providing utility service to approximately 7,962 residential accounts. The District issued Series 2011 Water and Sewer Revenue Bonds to purchase water, wastewater and reclaimed water assets that were previously leased. While the District has always provided water, wastewater and reclaimed water service to its residents/clients, the District had not previously owned the assets.

The Trust Indenture associated with the Series 2011 Bonds is between the District and U.S. Bank National Association, as Trustee, that requires the District to employ an independent consulting engineer, on an annual basis, to make an inspection of the District's water, wastewater and reclaimed water utilities system (collectively the "System") and to provide a report setting forth (i) the findings as to whether the System has been maintained in good repair, working order and condition and (ii) recommendations as to:

1. The proper maintenance, repair and operation of the System during the ensuing Fiscal Year (FY) and an estimate of the amount of money necessary for such purposes;
2. The insurance to be carried under the provisions of Sections 11.09 and 11.10 of the Trust Indenture and the amount that should be set aside in the operating fund monthly for the purpose of paying insurance premiums;
3. The amount that should be deposited monthly during the ensuing FY to the credit of the Renewal and Replacement (R&R) reserve fund in order to make the amount therein equal to the R&R reserve requirement prescribed by the consulting engineer for the payment of major non-recurring expenses.

This report covers the FY 2019 financial data and includes more recent system operational data through January 2020.

1.2 Background

The District was created on May 7, 2002 by Marion County Ordinance 02-11, pursuant to the Uniform Community Development District Act of 1980 (Act), also known as Chapter 190, Florida Statutes. The Act provides, among other things, the power to manage basic services for community development, power to borrow money and issue bonds and to levy and assess non-ad valorem assessments for the financing and delivery of capital infrastructure.

The District was established, among other reasons, for the purpose of financing, planning, management, maintenance and operation of a water, wastewater and reclaimed water system within the District in accordance with powers established by Florida Statute, Chapter 190.

1.3 Sources of Information

Information provided in this report is a collection of various data provided by the District. This includes previous reports, financial data, budgets, permits, the current Capital Improvement Program (CIP) and other information.

In addition, a field survey of the "visible" aboveground assets was conducted by the Engineer. The field inspections provided a general walk-through assessment of the facilities and equipment, primarily including water treatment facilities, wastewater treatment facilities, storage and pumping facilities and wastewater lift stations. The field surveys did not include detailed investigation of components, inspection of pipelines, manholes or other below ground assets.

1.4 Organization

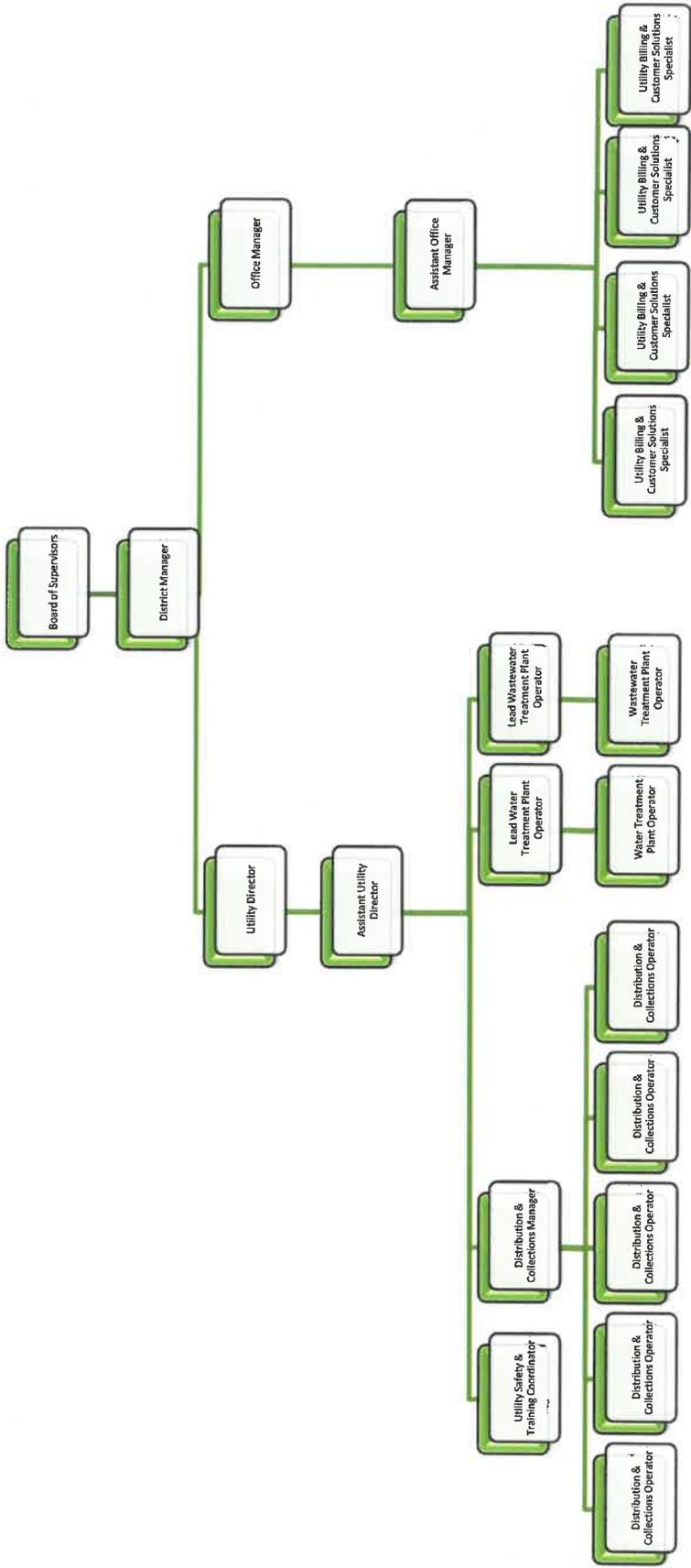
The District was established in 2002 pursuant to the Uniform Community Development District Act of 1980, otherwise known as Chapter 190, Florida Statutes. The District was established, among other

reasons, for the purpose of financing and managing the planning, maintenance and operation of a water, wastewater and reclaimed water systems within the District.

The District is governed by the Board of Supervisors (the Board) which is comprised of five members. The Supervisors are elected on an at large basis by the owners of the property within the District. The Board of Supervisors exercises all powers granted to the District pursuant to Chapter 190, Florida Statutes. The Board has the final responsibility for assessing and levying maintenance taxes, approving budgets, control over facilities and properties, controlling funds, key personnel and financing improvements.

The District Manager reports to the Board and oversees the District staff, including the office and operations staff. The operations staff consists of water and wastewater groups, along with a distribution and collections group. An organizational chart effective October 1st, 2018 is provided in **Figure 1-1**.

Figure 1-1
 Organizational Chart



2.0 Overall Utility System

The District's System provides service to all of the residents and businesses of the OTOW Community and adjacent properties near SR 200 located in Marion County, Florida. The System also provides service to the residents and businesses located within the Indigo East Community Development District, the Candler Hills East Community Development District and to Stone Creek, a nearby Del Webb community. At build-out, the District's development will be 13,150 acres. A service area map is provided in **Figure 2-1**.

As of March 2020, the District provides service to 8,787 water connections and 8,300 wastewater connections. These equate to approximately Equivalent Residential Connection (ERC) values as noted in **Table 2-1**.

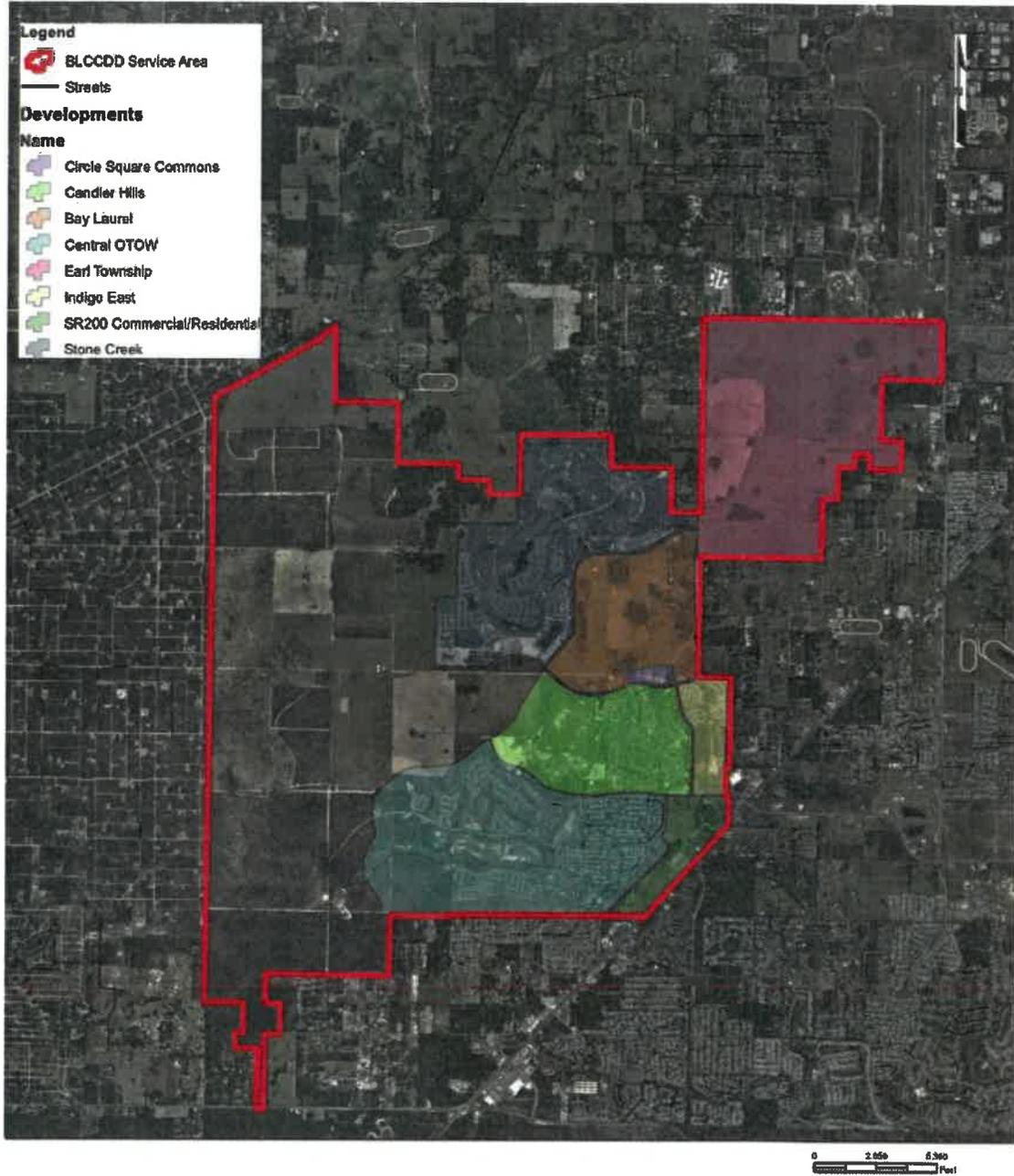
Table 2-1
Number of ERC's

Customer Type	Water	Wastewater
Residential	7,962	7,962
Non-Residential	825	338
Total	8,787	8,300

The System is active, fully operational and is permitted for operations by the Florida Department of Environmental Protection (FDEP) and the Southwest Florida Water Management District (SWFWMD) for consumptive use permits. The corresponding permits are included in **Appendix A**. The System's water use permit (WUP) is valid until October 28, 2021. The District renewed its Domestic Wastewater Permit on October 28th, 2013. The current permit is set to expire on October 27, 2023. The District's water treatment system is comprised of one owned water treatment plant (WTP) and a second leased water treatment plant. The leased water treatment facility is not subject to review in relation to the Trust Indenture described above and therefore no additional detail is provided.

The District's wastewater treatment system includes one Wastewater Treatment Plant (WWTP), along with 29 wastewater lift stations and the associated gravity sewer and force main network. The system also includes reclaimed water pumping and distribution, primarily to non-residential accounts.

Figure 2-1
Service Area Map



3.0 System Condition

GAI conducted a system inspection on May 13, 2020. Mr. Steven Holmes and Dr. Bingjie Zhao, P.E., PhD visually inspected the above ground assets of the System. The System is being maintained appropriately and is in good working order. The physical System meets permit requirements. This section provides a summary of the inspections, noting major points and any major upcoming projects. The assessment of each facility/asset is further detailed in appendices, noting any improvements or major repairs that have occurred since the last inspection. From an overall system perspective, the District is continuing to invest in and improve its GIS database, which will further improve the ability to track, locate and manage field assets.

3.1 Water Systems

3.1.1 Water Supply

The District water system uses treated groundwater from the Upper Floridan Aquifer to supply demands within the service area. There are seven supply wells operating under SWFWMD WUP No. 20-001156-W, which expires October 28, 2021. The current WUP allows a total system withdrawal of 2.555 million gallons per day (MGD) on an average day flow basis with 3.321 MGD maximum monthly allocation. The existing raw water supply has a total capacity of 13,035 gallon per minute (gpm) with a firm capacity of 10,935 gpm with the largest well out of service.

Table 3-1 summarizes characteristics of raw water withdrawal components.

Table 3-1 Raw Water Withdrawal Components Characteristics

Well ID	Year Inst.	Depth (ft.)	Casing Length (ft.)	Diameter (in.)	Pump Capacity (MGD/gpm)	
CDD	7	1981	118	72	12	1.440/1,000
	23	1993	200	147	12	2.160/1,500
	29	2008	165	91	18	2.160/1,500
	30	1990	215	125	12	2.160/1,500
	46	2009	153	87	20	3.024/2,100
	47	2009	160	98	20	3.024/2,100
	57	2008	158	96	20	3.024/2,100

3.1.2 Water Treatment

The District's water treatment system consists of two WTPs which supply water to the utility distribution system. The District owns and operates WTP No. 1. WTP No. 3 is leased via an agreement and is not part of this review; however, the groundwater withdrawal for WTP No. 3 is included in this review, since the District manages these wells as part of a combined WUP.

WTP No. 1 consists of a 2.0 million-gallon (MG) ground storage tank (GST), a 20,000-gallon hydro-pneumatic tank, five high service pumps (HSP) and a gas chlorination system. WTP No. 1 is supplied from four public supply wells (No. 7, No. 23, No. 29 and No. 30). All wells are located at/near the WTP facility site. Overall, this facility is in good operating condition. The building at this plant also serves as a main hub for the Supervisory Control and Data Acquisition (SCADA) system, along with storage for parts, equipment, record drawings and other operation and maintenance items. The wells continue to operate in good condition. The raw water wells and finished water pipes were repainted. The GST was recently inspected, and no deficiencies were found. HSP Nos. 1, 2 and 3 have been upgraded. There are spare motors for each high service pump motor, totaling three. The fence and the gate were replaced. Other enhancements to the

SCADA system continue to occur, providing additional operational and security features for the system.

Detailed inspection reports are provided in **Appendix B**.

3.1.3 Water Distribution

The water distribution system consists of approximately 110 miles of water main, ranging in size from 2-inch to 36-inch pipelines. The majority of the distribution system is 6-inch and 8-inch pipeline. The system mainly consists of PVC material, with some ductile iron pipe (DIP). The system includes approximately 443 hydrants, which are overall in good condition and well maintained, including a current repainting program. The majority of the utility system was constructed between the 1980's to present, making this a relatively young system. Based on the age, material and good operational history, the system is anticipated to remain reliable in the foreseeable future.

The overall system is sufficiently looped, with proper fire hydrants, valves and arrangement, making the system reliable with necessary redundancy/backup options. Fire protection and flows throughout the system appear to be adequate, based on historical flow testing. With additional development currently in progress, the water distribution system continues to expand in size.

3.2 Wastewater Systems

3.2.1 Wastewater Treatment

The District's South WWTP is located at 8551 SW 90th Street. The WWTP is two plants at one location that operate in parallel. The WWTP operates under FDEP permit no. FLA012683, issued October 28, 2013 with an expiration date of October 27, 2023 and a permitted capacity of 1.25 MGD (annual average daily flow). These facilities are extended aeration activated sludge treatment systems.

WWTP No. 1, originally constructed in 1981, consists of five aeration basins, totaling 577,000 gallons, a clarifier, a chlorine contact basin and a digester. WWTP No. 2, originally constructed in 1988, consists of three aeration basins, totaling 495,000 gallons, two clarifiers, chlorine contact basin and digester. The facilities also share a cloth media filter, a chlorine contact chamber and reuse storage. A couple of upgrades to the facility have occurred, including replacement of the two meters and other mechanical improvements. The cloth media is scheduled to be replaced next fiscal year. To reduce the chemical usage, Shade Balls™ have been installed at the chlorine contact chamber since the inspection.

GAI conducted inspections of the WWTPs and the facilities appear to be in good condition. Detailed information is provided in **Appendix C**.

3.2.2 Wastewater Collection & Pump Stations

The wastewater collection system consists of approximately 61 miles of gravity sewer, ranging in size from 6-inch to 18-inch piping and approximately 1,398 manholes. In addition to the gravity network, there are 29 wastewater pump stations and approximately 15 miles of force main ranging from 4-inch to 18-inch pipeline.

The system mainly consists of PVC material, with some high-density polyethylene pipe and DIP. Similar to the water mains, the majority of the utility system was constructed between 1980's to present, making this a relatively young system. Based on the age, material and good operational history, the system is anticipated to remain reliable in the foreseeable future.

The overall wastewater system provides sufficient capacity, with alternate flow patterns in the forcemain network and sufficient valves and air releases. The lift stations are well maintained, with backup pumps, pump outs, valves and portable backup power connections. Lift station No.

13 was replaced to improve system hydraulics and operational flexibility. The existing wet well was converted to a manhole. Two new lift stations were placed into operation between 2019 and 2020.

Many of the main lift stations also include permanent on-site backup power generators. The District continues to implement permanent backup generators on new stations. These items enhance the system's reliability with redundancy/backup options. Permanent backup generator is required for all new lift station design.

GAI inspected each lift station in the system. Overall, lift stations are in good condition. Detailed information is provided in **Appendix D**.

3.2.3 Reclaimed/Disposal

In order to reduce groundwater withdrawals, the District has installed a reclaimed pump station and distribution system for irrigation supply. The reclaimed facilities are co-located with the WWTP site, including a pump station, a 2.5 MG GST, a turbidity meter and associated ancillary items. The pump station consists of three main pumps with one jockey pump for low flows. Primary effluent disposal is to the reclaimed distribution system. Spray fields are the second alternative with on-site rapid infiltration basins (RIB) providing an additional backup alternative. Should water quality temporarily not meet reclaimed standards, the system will divert flows away from the reclaimed system to the spray fields or RIBs.

The public access reuse reclaimed water distribution system consists of more than 2 miles of reclaimed water transmission mains, ranging from 12-inch to 20-inch in size. The distribution system primarily provides flow for irrigation purposes to golf courses and common landscape areas throughout the service area.

4.0 Operations

The District employs a seasoned and competent operations staff. The System is operated effectively and there are no indications of non-compliance issues. The staff is diligent regarding performing necessary repairs and maintenance as evidenced by the condition of the System.

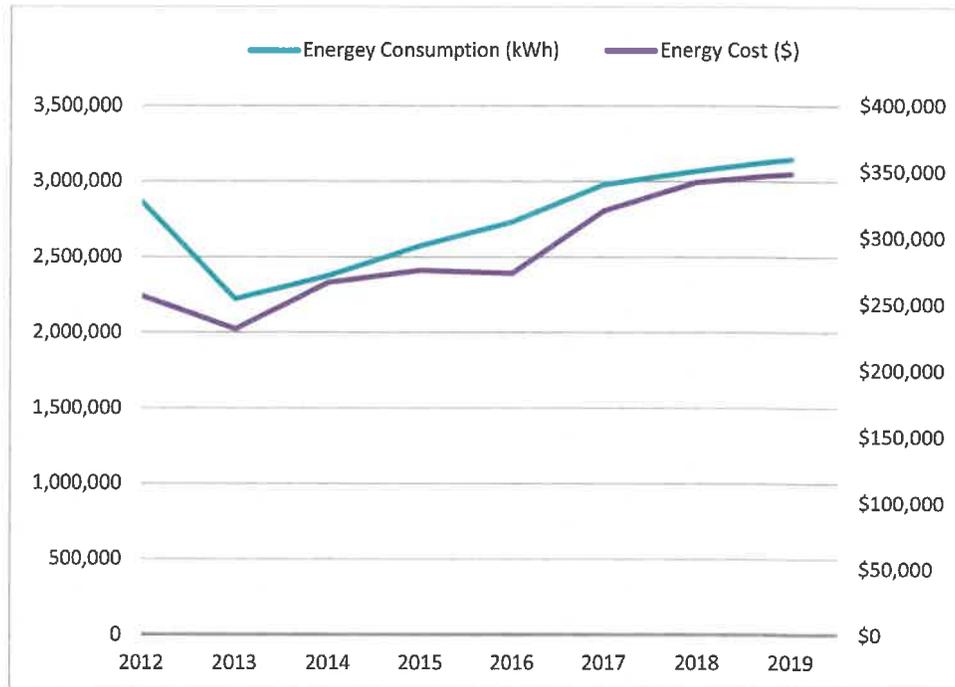
The District also continues to provide operations staff with the necessary tools to operate more efficiently. This includes continued improvements to the SCADA system, allowing for enhanced monitoring capabilities. Other tools and equipment are sufficiently provided, with staff able to perform necessary routine maintenance.

The energy costs for the system have improved relative to the system demand over the past several years. System energy efficiency improvements continue to occur, such as the installation of new higher efficiency equipment, re-routing of force mains to reduce pump operation times and installation of variable frequency drives on pumps. A total energy cost increase occurred in 2018 and 2019, primarily due to an increase in growth (demand) along with an increase in power costs; however, the general trend is a positive sign for the system considering increasing electric rates and the amount of growth which is occurring. The staff has continued to improve system efficiency and save money for the customers. A breakdown of the energy usage and costs of the system for the previous eight years are shown in the **Table 4-1** and **Figure 4-1**.

Table 4-1
Energy Usage for 2012 – 2019

Year	Energy Consumption (kWh)	Energy Costs (\$)
2012	2,864,451	\$256,096
2013	2,221,763	\$231,278
2014	2,376,463	\$266,351
2015	2,573,945	\$275,523
2016	2,730,724	\$273,440
2017	2,978,106	\$320,723
2018	3,068,950	\$342,202
2019	3,148,380	\$348,776

Figure 4-1 Energy Usage and Cost 2012-2019



4.1 Water Production

Table 4-2 summarizes the amount of water produced between January 2019 and January 2020 at the District's WTPs. This information is taken from Monthly Operation Reports filed with FDEP.

4.2 Wastewater Treatment

Table 4-3 summarizes the amount of wastewater treated and reclaimed water produced, as taken from the District's Discharge Monitoring Reports filed with FDEP between January 2019 and January 2020.

The District is within the permitted capacity of 1,250,000 gallons per day (gpd). GAI observed no apparent issues with the wastewater treatment process during the visual inspection of the WWTPs.

**Table 4-2
 Water Production for January 2019 – January 2020**

Period Ended	Days in Period	Plant #1		Plant #3 ¹	
		Total Water Produced	Gallons Produced Per Day	Total Water Produced	Gallons Produced Per Day
Jan-19	31	31,246,000	1,007,935	34,382,000	1,109,097
Feb-19	28	36,557,000	1,305,607	34,781,000	1,255,571
Mar-19	31	54,778,000	1,767,032	53,730,000	1,733,226
Apr-19	30	59,510,000	1,983,667	51,007,000	1,700,233
May-19	31	62,157,000	2,005,065	80,983,000	2,612,355
Jun-19	30	49,006,000	1,633,533	61,885,000	2,062,833
Jul-19	31	53,230,000	1,717,097	47,588,000	1,535,097
Aug-19	31	55,147,000	1,778,935	46,078,000	1,486,387
Sep-19	30	64,629,000	2,154,300	66,158,000	2,205,267
Oct-19	31	55,704,000	1,796,903	55,550,000	1,791,935
Nov-19	30	30,848,000	1,028,267	58,913,000	1,963,767
Dec-19	31	38,221,000	1,232,935	38,876,000	1,254,065
Jan-20	31	46,410,000	1,497,097	36,682,000	1,183,290

**Table 4-3
 Wastewater Processed for January 2019 – December 2019**

Period Ended	Days in Period	Wastewater Processed / Reclaimed Water Produced Gallons Produced Per Day
Jan-19	31	659,194
Feb-19	28	673,929
Mar-19	31	662,194
Apr-19	30	647,500
May-19	31	636,226
Jun-19	30	641,233
Jul-19	31	632,903
Aug-19	31	608,645
Sep-19	30	629,800
Oct-19	31	674,472
Nov-19	30	606,600
Dec-19	31	670,935
Jan-20	31	695,454

5.0 Financials

5.1 General

The water and wastewater facilities are owned and operated by the District and accounted for as a single enterprise fund. An enterprise fund is financed and operated in a manner similar in some respects to private business enterprises, where costs of providing services to the public on a continuing basis are recovered primarily through user charges and other fees. The District has the authority to regulate user charges and fees at its sole discretion. Should the debt service coverage fail to meet the rate covenant test of the bond covenants, the Board is required to increase revenues (rates and fees) or reduce expenses to meet coverage.

The following section contains financial information from the FY 2019 Financial Report and the FY 2020 Adopted Budget.

5.2 Water, Wastewater and Reclaimed Water Rates

The District System ended FY 2019 with an increase in operating revenues of \$974,197 over FY 2018. Total revenues for FY 2020 are budgeted at \$10.09 million, as compared to audited revenues of \$11.7 million for FY 2019.

The water and wastewater rates are composed of an account charge, a base charge per account (based on meter size for residential connections; based on ERCs calculation for commercial) and a volumetric component based on usage. The account charge is a fixed charge added to each bill, designed to recover at least a portion of the administrative costs associated with the billing process. The base charge is a fixed amount providing for revenue stability, whereas, the volumetric charge allows for equitable cost recovery at various service levels while also promoting conservation of natural resources. The base water, wastewater and reclaimed water service charges per connection are based on type of residence: single family, multifamily or commercial/non-residential. The monthly customer account charge per metered connection is \$2.71. The monthly base charge for water for a single-family residential customer (5/8-inch meter) is \$13.65. The volumetric charge for water consumption utilizes an inclining block or conservation rate structure with six usage blocks; wherein, the cost per 1,000 gallons within each inclining block increases as usage progresses into the next usage block level.

All residential wastewater connections are considered as one ERC, irrespective of water meter size. The monthly customer account charge per connection is \$1.41. The monthly base charge for wastewater is \$24.88 for a single-family residence and the volumetric charge for wastewater service is fixed at \$5.82 per 1,000-gallons of water used with a maximum cap of 5,000 gpd. The complete rate structure for water and wastewater and reclaimed water in effect October 1, 2018 through September 30, 2019 is presented in **Table 5-1**.

5.3 Connection Fees

Connection fees for water and wastewater service are established based upon an ERC. One ERC is 350 gpd for water and 250 gpd for wastewater. This is based on the anticipated water use for the residence or facility type. A factor is applied to the ERC for commercial/industrial customers based on facility use and size.

The water connection fee is a one-time charge for water predicated on the costs of treatment, transmission, plant capacity and associated capital costs. The water connection fee in effect October 1, 2018 through September 30, 2019 was \$1,576.00 per ERC.

The wastewater connection fee is a one-time charge for wastewater predicated on the costs of treatment plant capacity, effluent disposal system and associated capital costs. The wastewater connection fee in effect October 1, 2018 through September 30, 2019 was \$2,434.00 per ERC.

Table 5-1
District Adopted Rate Schedule
 (October 1, 2018 - September 30, 2019)

	Water	Wastewater	Reclaimed Water
Residential			
Customer Account Charge (Per Metered Connection)	\$ 2.71	\$ 1.41	\$ -
Monthly Base Facility Charge			
5/8" meter	\$ 13.65	\$ 24.88	\$ 6.45
3/4" meter	20.48	24.88	9.68
1" meter	\$ 34.13	\$ 24.88	\$ 16.13
1 1/2" meter	68.25	24.88	32.25
2" meter	109.20	24.88	51.60
(Over 2" based on demand as determined by District staff)			
Gallage charge (per 1,000 gallons)			
First 7,500 gallons	\$ 1.46	\$ 5.82 ¹	\$ 0.68
Over 7,500 to 15,000 gallons	\$ 2.52	N/A	\$ 1.18
Over 15,000 to 20,000 gallons	\$ 3.82	N/A	\$ 1.87
Over 20,000 to 25,000 gallons	\$ 5.82	N/A	\$ 2.54
Over 25,000 to 30,000 gallons	\$ 6.85	N/A	\$ 3.07
Over 30,000 gallons	\$ 8.37	N/A	\$ 3.56
Residential - OTOW (Central) Complex 7			
Customer Account Charge (per connection)	\$ 2.71	\$ 1.41	\$ -
Monthly Base Facility Charge (per unit and ERC ²)	\$ 13.65	\$ 24.88	\$ 6.45
Gallage charge/1,000 gallons same as Single Family with each tier gallage multiplied by the number of units/ERCs.			
Residential - Multi-Family			
Customer Account Charge (per connection)	\$ 2.71	\$ 1.41	\$ -
Monthly Base Facility Charge (per unit and ERC ²)	\$ 9.75	\$ 22.39	\$ 4.61
Gallage charge/1,000 gallons same as Single Family with each tier gallage multiplied by the number of units/ERCs.			
Master-Metered Irrigation			
Customer Account Charge (per connection)	\$ 2.71	N/A	N/A
Monthly Base Facility Charge (per ERC ²)	\$ 13.65	N/A	N/A
Gallage charge/1,000 gallons same as Single Family with each tier gallage multiplied by the number of Units/ERCs.			
First 15,000 gallons	\$ 2.52	N/A	N/A
Over 15,000 to 20,000 gallons	\$ 3.82	N/A	N/A
Over 20,000 to 25,000 gallons	\$ 5.82	N/A	N/A
Over 25,000 to 30,000 gallons	\$ 6.85	N/A	N/A
Over 30,000 gallons	\$ 8.37	N/A	N/A
Commercial / Non-Residential / Mixed-Use			
Customer Account Charge (Per Metered Connection)	\$ 2.71	\$ 1.41	\$ 6.45
Base facility charge, per month Per ERC ²	\$ 13.65	\$ 24.88	\$ -
Gallage charge/1,000 gallons same as Single Family with each tier gallage multiplied by the number of Units/ERCs.			
First 6,000 gallons	\$ 1.46	\$ 5.82	\$ 0.68
Over 6,000 to 12,500 gallons	\$ 2.52	\$ 5.82	\$ 1.18
Over 12,500 to 17,500 gallons	\$ 3.82	\$ 5.82	\$ 1.87
Over 17,500 to 22,500 gallons	\$ 5.82	\$ 5.82	\$ 2.54
Over 22,500 to 27,500 gallons	\$ 6.85	\$ 5.82	\$ 3.07
Over 27,500 gallons	\$ 8.37	\$ 5.82	\$ 3.56
Reuse Rate (Gallage charge/1,000 gallons)			
Bulk Pressured Reclaimed Rate	N/A	N/A	\$ 0.98

¹Max 5,000 gpd for wastewater.

²ERC Definition: An ERC is equal to 350 gpd for water and 250 gpd for wastewater; a single-family customer with a 5/8" meter equals 1 ERC.

5.4 Revenue Bonds

The District maintains a CIP, which provides for necessary system improvements and R&R. These include items such as treatment/process upgrades, system expansion, lift station improvements, pump repairs, facility maintenance, transmission/collection system assessment and repair, SCADA system improvements, vehicles and other equipment. The CIP for 2019-2026 allocated the cost of such improvements, including an allowance for contingencies, to be approximately \$1,241,774.35 in FY 2019.

This estimate of the cost of capital improvements was based on: i) the results of the preliminary engineering evaluation of the District's System as noted during on-site observations and a review of documents (e.g., FDEP operating permit files) performed by the Consulting Engineers; and ii) projections made by the Managers responsible for capital improvements based on information provided by the Operators, site observations of the facilities and the anticipated near-term capacity needs of the District's System service area. A summary of the District's five-year CIP is located in **Appendix E**.

5.5 Debt Service Coverage

The following terms are included in the calculation of the debt service coverage required by the bond resolution and are defined below:

1. Debt service coverage requirements
2. Gross revenues
3. Operating expenses
4. Net revenues

Table 5-2 lists the debt service payments on outstanding Bonds.

**Table 5-2
 Combined Debt Service Schedule**

Fiscal Year	Principal	Interest	Total Debt Service
2020	\$940,000	\$1,393,550	\$2,333,550
2021	\$970,000	\$1,365,350	\$2,335,350
2022	\$1,000,000	\$1,333,826	\$2,333,826
2023	\$1,035,000	\$1,298,826	\$2,333,826
2024	\$1,075,000	\$1,262,600	\$2,337,600
2025-2029	\$6,060,000	\$5,615,250	\$11,675,176
2030-2034	\$7,530,000	\$4,143,375	\$11,677,828
2035-2039	\$9,390,000	\$2,289,150	\$11,678,478
2040-2041	\$4,375,000	\$297,450	\$7,006,352
Totals	\$32,375,000	\$18,999,375	\$53,711,984

Source: Bay Laurel Center Community Development District Financial Report for the Fiscal Year Ended September 30, 2019.

Coverage Tests

Debt service coverage is defined as net revenues divided by debt service, expressed as a percentage. The coverage test requires net revenues and connection fees to provide 110 percent debt service coverage.

Gross Revenues

Gross revenues are derived from water and wastewater rates and charges and include some miscellaneous income. The bond resolution defines gross revenues as all income received by the District from the rates, fees, rentals, charges and other income received by District in the management and operation of the utility systems. Gross revenues do not include government grants, water and wastewater connection fees or special assessments. In FY 2019, gross revenues for services increased approximately 9.0 percent over FY 2018. The increase in operating revenues is primarily the result of an increase of 8.5% in connections to the utility system; and increased average overall usage charges for water and wastewater of 5.12% and 3.91%, respectively. Subsequently, operating expenses increased as a result of serving more customers.

Operating Expenses

Operating expenses are defined in the bond resolution as expenses for operation, maintenance, repairs and replacements with respect to the utility systems and may be categorized as personnel services or operating services.

Operating services (contract services, materials and supplies) includes professional services, accounting and auditing, other contractual services, communications (radios and telephone), travel, transportation, utility services, rental and leases, insurance/property liability, repairs and maintenance, printing and binding, other current charges, office supplies, operating supplies, books and publications and gas/oil/lube.

In FY 2019, operating expenses increased 5.8 percent over FY 2018.

The costs for original construction or improvements are not included in operating expenses for purposes of calculating debt service coverage.

Net Revenue

The bond resolution defines net revenues as gross revenues less operating expenses. **Table 5-3** summarizes net revenues for the water and wastewater system increased 13.1 percent from FY 2018 to FY 2019 from \$4,803,622 to \$5,432,148.

Table 5-3
Net Revenues FY 2019/FY 2018

	FY 2019	FY 2018
Gross Revenues	\$11,779,110	\$10,804,913
Operating Expenses	\$6,346,962	\$6,001,291
Net Revenue	\$5,432,148	\$4,803,622
<i>Source: Bay Laurel Center Community Development District Financial Report for the Fiscal Year Ended September 30, 2019.</i>		

Debt Service Coverage

Table 5-4 summarizes the debt coverage calculations based upon the net revenues and bond payments for FY 2019. The net revenues met the rate test (the 110 percent requirement for net revenue and connection fees coverage of the amortization costs) with a coverage of 233 percent. The level of coverage reflects sound financial performance, management of the debt burden and above average operating margins.

**Table 5-4
 Debt Service Coverage Calculations FY 2019**

Gross Revenues	\$11,779,110
Operating Expenses	\$6,346,962
Net Revenue	\$5,432,148
Debt Service (FY 2019)	\$2,336,000
Coverage Test – 110% Required	233%
<i>Source: Bay Laurel Center Community Development District Financial Report for the Fiscal Year Ended September 30, 2019.</i>	

Reserve Balances

The District has maintained satisfactory levels of reserves in the R&R fund for the system, as recommended in the engineer's report for the 2011 Bond Issue. A healthy R&R adds to the sustainability of a utility system and has proven to provide lower cost services in the long term. The R&R percentage recommended by GAI in the Engineer's Report was 5.0 percent of rate revenues. The District's FY 2019 adopted budget called for an overall transfer of \$368,733 into the R&R fund, which equates to approximately \$30,728 per month.

For FY 2020, the District's proposed budget calls for an overall transfer of \$405,607 into the R&R fund. The District's R&R expenditures identified in the FY 2020 adopted budget appear to be appropriate and represent approximately \$1,902,707. The District maintains an adequate balance in the R&R fund, currently estimated to be approximately \$1,102,430 for FY 2020, to cover any expense overruns.

6.0 Findings/Conclusions

After a thorough and detailed visual inspection of the District's water, wastewater and reclaimed water system, in GAI's opinion, the system is being properly operated, is well maintained and is in good overall condition. The District continues to take efforts to provide high quality water and reliable wastewater and reclaimed water service. The District also continues to maintain the System through a thorough CIP, which appears to be properly anticipating and identifying funding necessary for both improvements and maintaining R&R efforts. The District has remained in a positive status with the FDEP.

One of the purposes of this engineer's report is to evaluate the level of insurance coverage maintained by the District on the System. GAI prepared an analysis and provided the results of that analysis under separate cover. The results of that analysis are that the District is maintaining an appropriate level of insurance coverage on the System. A copy of that report is provided in **Appendix F**.

APPENDIX A

Water and Wastewater Permits

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMIT
INDIVIDUAL
PERMIT NO. 20 001156.012**

PERMIT ISSUE DATE: October 28, 2011

EXPIRATION DATE: October 28, 2021

The Permittee is responsible for submitting an application to renew this permit no sooner than one year prior to the expiration date, and no later than the end of the last business day before the expiration date, whether or not the Permittee receives prior notification by mail. Failure to submit a renewal application prior to the expiration date and continuing to withdraw water after the expiration date is a violation of Chapter 373, Florida Statutes, and Chapter 40D-2, Florida Administrative Code, and may result in a monetary penalty and/or loss of the right to use the water. Issuance of a renewal of this permit is contingent upon District approval.

TYPE OF APPLICATION: Renewal
GRANTED TO: Bay Laurel Community Development District
 13574 Village Park Drive Suite 265
 Orlando, FL 32837
PROJECT NAME: Bay Laurel Center Public Water Supply System
WATER USE CAUTION AREA: NOT IN A WUCA
COUNTY: Marion

TOTAL QUANTITIES AUTHORIZED UNDER THIS PERMIT (in gallons per day)	
ANNUAL AVERAGE	2,555,000 gpd
PEAK MONTH ¹	3,321,000 gpd

¹ Peak Month: Average daily use during the highest water use month

ABSTRACT:

This is a renewal with modification of an existing permit for public supply in Marion County. This permit is one of five derivatives (the public supply portion) of the On Top of the World permit (No. 20001156.011) that included golf course, common area, and horticulture irrigation, as well as public supply. The On Top of the World permit was split into five separate permits including this new permit for public supply. The Annual Average and Peak Month quantities for this new permit are 2,555,000 gallons per day (gpd) and 3,321,000 gpd, respectively. These quantities are a reduction from the public supply portion of the previous permit of 1,650,000 gpd for the Annual Average (from 4,205,000 to 2,555,000 gpd) and 3,149,000 gpd for the Peak Month (from 8,470,000 to 3,321,000 gpd). These reductions result because of decreased population projections and lower per-capita rates.

Special Conditions on this permit include continuing metering and reporting, best management practices, per-capita requirements, water conservation, and capping of wells not in use.

WATER USE TABLE (In gpd)

<u>USE</u>	<u>ANNUAL AVERAGE</u>	<u>PEAK MONTH</u>
Public Supply	2,555,000	3,321,000

USE TYPE

Residential Single Family

PUBLIC SUPPLY:

Population Served: 15,409
 Per Capita Rate: 150 gpd/person

WITHDRAWAL POINT QUANTITY TABLE

Water use from these withdrawal points are restricted to the quantities given below:

<u>I.D. NO.</u> <u>PERMITTEE/</u> <u>DISTRICT</u>	<u>DIAM</u> <u>(IN.)</u>	<u>DEPTH</u> <u>TTL./GSD.FT.</u> <u>(feet bls)</u>	<u>USE DESCRIPTION</u>	<u>AVERAGE</u> <u>(gpd)</u>	<u>PEAK</u> <u>MONTH</u> <u>(gpd)</u>
7 / 7	12	118 / 72	Public Supply	428,000	556,200
23 / 23	12	200 / 147	Public Supply	428,000	556,200
29 / 29	18	165 / 91	Public Supply	428,000	556,200
30 / 30	12	215 / 125	Public Supply	428,000	556,200
46 / 46	20	153 / 87	Public Supply	281,000	365,400
47 / 47	20	160 / 98	Public Supply	281,000	365,400
57 / 57	20	158 / 96	Public Supply	281,000	365,400

WITHDRAWAL POINT LOCATION TABLE

<u>DISTRICT I.D. NO.</u>	<u>LATITUDE/LONGITUDE</u>
7	29° 04' 47.70"/82° 16' 09.60"
23	29° 04' 46.50"/82° 16' 14.50"
29	29° 04' 45.50"/82° 16' 11.30"
30	29° 04' 48.20"/82° 16' 11.50"
46	29° 06' 20.30"/82° 18' 04.00"
47	29° 06' 21.20"/82° 18' 03.80"
57	29° 06' 17.30"/82° 18' 04.00"



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Bay Laurel Center Community Development District

PERMIT NUMBER: FLA012683-017
FILE NUMBER: FLA012683-017-DW1P
ISSUANCE DATE: October 28, 2013 (Rev. 11/13)
EXPIRATION DATE: October 27, 2023

RESPONSIBLE OFFICIAL:
Kenneth D Colen
8447 SW 99th Street Road
Ocala, Florida 34481
(352) 854-0805

FACILITY:

On Top Of The World South WWTF
8551 SW 90th Street
Ocala, FL 34481
Marion County
Latitude: 29°5' 33.07" N Longitude: 82°15' 58.01" 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:

WASTEWATER TREATMENT:

An existing 1.25 million gallons per day (mgd) annual average daily flow (AADF) extended aeration domestic wastewater treatment facility consisting of: Plant 1 with five aeration basins of 577,000 gallons total volume, one clarifier of 224,000 gallons total volume and 2,500 square feet total surface area, one chlorine contact chamber of 35,000 gallons total volume, and one digester of 130,000 gallons total volume and; Plant 2 with three aeration basins of 494,850 gallons total volume, two clarifiers of 86,884 gallons total volume and 1,295 square feet total surface area, one chlorine contact chamber of 15,700 gallons total volume, and one digester of 38,400 gallons total volume. Plants 1 and 2 provide secondary treatment with basic disinfection utilizing chlorine gas. The effluent from Plants 1 and 2 may be routed to a cloth-media filter unit of 375.2 square feet and a third chlorine contact chamber with two basins for a total volume of 92,800 gallons. The filter and third chlorine contact chamber provide high level disinfection to meet Part III public access reuse requirements. This facility is permitted to provide Class B lime stabilized biosolids for agricultural land application. The Circle Square Field 2 biosolids land application site (FLA330728) is designated solely for use by On Top Of the World South WWTF. The biosolids site (FLA330728) is incorporated by reference and is included as Attachment A to this permit. Refer to Specific Condition II.23 of this permit for site requirements.

REUSE OR DISPOSAL:

Land Application R-001: An existing 1.25 MGD AADF permitted capacity slow-rate restricted access reuse system. R-001 is a reuse site (slow-rate irrigated hay field) used to grow hay for cattle feed, consisting of a 143 acres total irrigated area and two lined wet-weather storage holding ponds. Pond 1 is located at the facility and has a volume of 0.63 million gallons (mg). Pond 4 is located at the reuse site and has a volume of 1.69 mg. The reuse site is located approximately at latitude 29°7' 0" N, longitude 82°17' 54" W.

Land Application R-002: An existing 1.25 MGD AADF permitted capacity slow-rate public access reuse system. R-002 consists of a master Reuse Service Area, as shown in the attached revised map. Reclaimed water meeting public access reuse (PAR) water quality requirements will be sent to an on-site 2.5 mg ground storage tank and then to the PAR distribution system. Reuse not meeting PAR water quality requirements will be directed to R-001 or R-003.

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

The following ground water sources may be used to augment the supply of reclaimed water: four existing irrigation wells, GW-2 and GW-22 are located at the North Golf Course and GW-25 and GW-58 are located at the Candler Hills Golf Course.

Land Application R-003: An existing 0.30 MGD AADF permitted capacity rapid infiltration basin (RIB) system. R-003 consists of a single-cell RIB with 78,400 square feet of bottom surface area. Reuse may be sent to R-003 only during periods of wet weather when water cannot be sent to R-001 or R-002 located approximately at latitude 29°5' 33" N, longitude 82°15' 58" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 29 of this permit.

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

Parameter	Units	Max./Min	Reclaimed Water Limitations			Monitoring Requirements			
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes	
Flow (To reuse site/sprayfield)	MGD	Max Max	1.25 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-05	See I.A.2 and 4	
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	8-hr FPC	EFA-01 or EFA-02	See I.A.2	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	8-hr FPC	EFA-01 or EFA-02	See I.A.2	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Annual Average Monthly Geometric Mean Single Sample	Weekly	Grab	EFA-01 or EFA-02	See I.A.2 and 5	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01 or EFA-02	See I.A.2 and 3	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-01 or EFA-02	See I.A.2, 3, and 6	
Nitrogen, Total	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-01 or EFA-02	See I.A.2 and 7	
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-01 or EFA-02	See I.A.2 and 7	

PERMITTEE: Bay Laurel Center Community Development District
 FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
 EXPIRATION DATE: October 27, 2023

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
When reclaimed water is sent to R-001 after plants 1 and 2:	
EFA-01	At a manhole located after Plants 1 and 2 and prior to reuse system R-001.
FLW-01	Flow from Plant 1 measured by the open channel flow meter with a 90 degree V-notch weir located at the end of CCC.
FLW-02	Flow from Plant 2 measured by the open channel flow meter with a 120 degree V-notch weir located at the end of the CCC.
When reclaimed water is sent to R-001 after disinfection in third CCC:	
EFA-02	After filtration and disinfection at the end of the third CCC and prior to reuse system R-001.
FLW-04	Flow to R-001 measured by a meter after the third CCC.
FLW-05	Total flow to sprayfield (R-001). FLW-05 = FLW-01 plus FLW-02 plus FLW-04. Add FLW-01 and FLW-02 only when reuse is sent to R-001 after Plant 1 and 2, before filtration.

3. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-601.200(17) and .500(6)]*
5. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report. *[62-600.440(4)(c)]*
6. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.410, 600.440(4)(b) and (5)(b)]*
7. Monitoring for total nitrogen (TN) and total phosphorus (TP) are required as allowed by Rule 62-601.300(6), FAC, to evaluate impacts of reclaimed water to ground and surface waters in an impaired water basin. . TN sampling is included in conjunction with Marion County's Springs Protection Ordinance (09-17) and additional sampling may be required by the County. *[62-601.300(6)]*

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

8. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to supplement reclaimed water with ground water and direct reclaimed water to Reuse System R-002. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

Parameter	Units	Max/Min	Limit	Reclaimed Water Limitations		Monitoring Requirements				Notes
				Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number			
Flow (To public access reuse)	MGD	Max Max	1.25 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-06	See I.A.11		
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	8-hr FPC	EFA-02			
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 Days/Week	Grab	EFB-01			
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 Days/Week	Grab	EFA-02			
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 Days/Week	Calculated	EFA-02	See I.A.12		
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-02	See I.A.10		
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-02	See I.A.13 and I.A.16		
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-01	See I.A.14 and I.A.16		
Nitrogen, Total	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-02	See I.A.7		
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-02	See I.A.7		
Giardia	cysts/100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-02	See I.A.17		
Cryptosporidium	ooocysts/100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFA-02	See I.A.17		
Flow (Supplemental Well GW-2)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-07	See I.A.11		
Flow (Supplemental Well GW-22)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-08	See I.A.11		
Flow (Supplemental Well GW-25)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-10	See I.A.11		

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

Parameter	Units	Max/Min	Reclaimed Water Limitations			Monitoring Requirements			Monitoring Site Number	Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Frequency of Analysis			
Flow (Supplemental Well GW-58)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-11	See I.A.11		
Coliform, Fecal (Supplemental Well GW-2)	#/100mL	Max	Report	Single Sample	Quarterly	Grab	EFF-01			
Coliform, Fecal (Supplemental Well GW-22)	#/100mL	Max	Report	Single Sample	Quarterly	Grab	EFF-02			
Coliform, Fecal (Supplemental Well GW-25)	#/100mL	Max	Report	Single Sample	Quarterly	Grab	EFF-03			
Coliform, Fecal (Supplemental Well GW-58)	#/100mL	Max	Report	Single Sample	Quarterly	Grab	EFF-04			

PERMITTEE: Bay Laurel Center Community Development District
FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
EXPIRATION DATE: October 27, 2023

9. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.8. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-06	Flow to R-002. Measured by a meter after the third CCC.
EFA-02	After the third chlorine contact chamber and prior to discharge to public access reuse system.
EFB-01	After the cloth media filters and prior to disinfection in the third CCC.
FLW-07	Supplemental well GW-2 at North Golf Course.
FLW-08	Supplemental well GW-22 at North Golf Course.
FLW-10	Supplemental well GW-25 at Candler Hills Golf Course.
FLW-11	Supplemental well GW-58 at Candler Hills Golf Course.
EFF-01	Supplemental irrigation well GW-2 at North Golf Course.
EFF-02	Supplemental irrigation well GW-22 at North Golf Course.
EFF-03	Supplemental irrigation well GW-25 at Candler Hills Golf Course.
EFF-04	Supplemental irrigation well GW-58 at Candler Hills Golf Course.

10. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
11. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-601.200(17) and .500(6)]*
12. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(5)(f)]*
13. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b); 62-610.460(2); and 62-610.463(2)]*
14. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463(2)]*
15. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to the following permitted alternate discharge system: R-001 or R-003. *[62-610.320(6) and 62-610.463(2)]*
16. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. *[62-610.463(2)]*
17. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. *[62-610.472(3)(d)]*

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

18. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-003. Reclaimed water may be sent to R-003 only during periods of wet weather when water cannot be sent to R-001 or R-002. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

Parameter	Units	Max/Min	Limit	Reclaimed Water Limitations			Monitoring Requirements			Notes
				Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number			
Flow (To RIB)	MGD	Max Max	0.30 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-09	See I.A.19 and 21		
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	8-hr FPC	EFA-01			
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Weekly	8-hr FPC	EFA-01			
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Annual Average Monthly Geometric Mean Single Sample	Weekly	Grab	EFA-01	See I.A.22		
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.A.20		
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-01	See I.A.23 and I.A.20		
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Weekly	8-hr FPC	EFA-01	See I.A.24		
Nitrogen, Total	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-01	See I.A.7		
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-01	See I.A.7		

PERMITTEE: Bay Laurel Center Community Development District
FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
EXPIRATION DATE: October 27, 2023

19. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.18. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-01	Flow from Plant 1, measured by the open channel flow meter with a 90 degree V-notch weir located at the end of CCC.
FLW-02	Flow from Plant 2, measured by the open channel flow meter with a 120 degree V-notch weir located at the end of the CCC.
FLW-09	Total flow to RIB. FLW-09 = FLW-01 plus FLW-02.
EFA-01	At a manhole located after Plants 1 and 2, before filtration, and prior to reuse system R-003.

20. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2]
21. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
22. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report. [62-600.440(4)(c)]
23. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510, 62-600.440(4)(b) and (5)(b)]
24. Nitrate nitrogen (NO₃) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L or as required to comply with Rule 62-610.510, F.A.C. [62-610.510]

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.8.:

Parameter	Units	Max/Min	Limit	Limitations		Monitoring Requirements			Notes
				Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number		
Flow (Total through facility)	MGD	Max Max	1.25 Report Report	Annual Average Monthly Average Quarterly Average	Continuous	Calculated	FLW-03	See I.B.2 and 4	
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-01		
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Weekly	8-hr FPC	INF-01	See I.B.3	
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Weekly	8-hr FPC	INF-01	See I.B.3	

PERMITTEE: Bay Laurel Center Community Development District
 FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
 EXPIRATION DATE: October 27, 2023

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-01	Flow from Plant 1, measured by the open channel flow meter with a 90 degree V-notch weir located at the CCC.
FLW-02	Flow from Plant 2, measured by the open channel flow meter with a 120 degree V-notch weir located at the end of the CCC.
FLW-03	Total plant flow. FLW-03 = FLW-05 plus FLW-06 plus FLW-09.
FLW-04	Flow to R-001, measured by a meter after the third CCC.
FLW-05	Total flow to sprayfield (R-001). FLW-05 = FLW-01 plus FLW-02 plus FLW-04. Add FLW-01 and FLW-02 only when reuse is sent to R-001 after Plant 1 and 2, before filtration.
FLW-06	Flow to R-002. Measured by a meter after the third CCC.
FLW-09	Total flow to RIB. FLW-09 = FLW-01 plus FLW-02.
CAL-01	Calculate using FLW-03.
INF-01	At headworks prior to treatment and ahead of the return activated sludge line.

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
5. Sampling results for giardia and cryptosporidium shall be reported on DEP Form 62-610.300(4)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Central District Office and to DEP's Reuse Coordinator in Tallahassee. [62-610.300(4)(a)]
6. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
 - a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
8. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Monthly or Toxicity	first day of month - last day of month	28 th day of following month
Quarterly	January 1 - March 31	April 28
	April 1 - June 30	July 28
	July 1 - September 30	October 28
	October 1 - December 31	January 28
Semiannual	January 1 - June 30	July 28
	July 1 - December 30	January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department's Central District Office at the address specified in Permit Condition I.B.13. by the twenty-eighth (28th) of the month following the month of operation.

If submitting electronic DMR forms, the permittee shall use the electronic DMR system(s) approved in writing by the Department and shall electronically submit the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

[62-620.610(18)][62-601.300(1),(2), and (3)]

9. 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 at the address identified on the DMR 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)]
10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. [62-610.870(3)]
11. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's Central District Office for review and approval upon revision of the operating protocol(s) and with each permit application. [62-610.320(6)][62-610.463(2)]
12. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department's Central District Office at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. [62-610.464(5)]

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

13. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Florida Department of Environmental Protection Central District Office
 3319 Maguire Blvd
 Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407)897-4100
 FAX Number - (850)412-0467
 (All FAX copies and e-mails shall be followed by original copies.)

[62-620.305]

14. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be land applied or transferred to the 412 Biosolids Treatment Facility (BTF) or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. [62-620.320(6), 62-640.880(1)]
2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. [62-640.650(4)(a)]
3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report, for RMP-Q, in accordance with Condition I.B.8.

Parameter	Units	Max/ Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Biosolids Quantity (Land-Applied)	ton (d)	Max	Report	Monthly Total	Monthly	Calculated	RMP-3
Biosolids Quantity (Transferred)	ton (d)	Max	Report	Monthly Total	Monthly	Calculated	RMP-1
Biosolids Quantity (Landfilled)	ton (d)	Max	Report	Monthly Total	Monthly	Calculated	RMP-2

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.A.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Quantity of biosolids transferred to BTF.
RMP-2	Quantity of biosolids transferred to landfill.
RMP-3	Quantity of biosolids land-applied.

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

5. In the absence of a laboratory analysis, to estimate the dry tons generated by a facility that transports liquid biosolids, the average value of 1.5% solids may be used. The following formula may be used to convert gallons to dry tons when the estimated percent solids is 1.5%: (gallons X 8.34 lb/gal X 0.015)/(2000 lb/ton) = dry tons. If the percent solids are known, substitute the known percent solids for '0.015' in the formula above. During months when biosolids are not land applied, transferred to a Biosolids Treatment Facility, or to a landfill, the permittee should record zero (0) on the Discharge Monitoring Report. [62-640.650(5)(a)]
6. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]
7. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
8. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

B. Treatment and Monitoring Requirements

9. The permittee may produce Class B biosolids.
10. The permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in section 503.32(b)(3) (Use of PSRP (Processes to Significantly Reduce Pathogens)-Lime Stabilization) of Title 40 CFR Part 503. [62-640.600(1)(a)]
11. The permittee shall achieve vector attraction reduction for Class A or B biosolids by meeting the vector attraction reduction requirements in section 503.33(b)(6) (Add alkaline materials to raise the pH under specified conditions) of Title 40 CFR Part 503. [62-640.600(2)(a)]
12. Time, temperature, and pH shall be routinely monitored to demonstrate compliance with pathogen reduction requirements specified in Rule 62-640.600, F.A.C. [62-640.650(3)(a)2]
13. Time, temperature, and pH shall be routinely monitored to demonstrate compliance with vector attraction reduction requirements specified in Rule 62-640.600, F.A.C. [62-640.650(3)(a)2]
14. Treatment of liquid biosolids or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of biosolids or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. [62-640.400(7)]
15. Class B biosolids shall comply with the limits and be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report in accordance with Permit Condition I.B.8. Biosolids shall not be land applied if a single sample result for any parameter exceeds the following:

Parameter	Units	Max/Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Nitrogen, Sludge, Tot, Dry Wt (as N)	percent	Max	Report	Single Sample	Annually	Composite	RMP-B
Phosphorus, Sludge, Tot, Dry Wt (as P)	percent	Max	Report	Single Sample	Annually	Composite	RMP-B
Potassium, Sludge, Tot, Dry Wt (as K)	percent	Max	Report	Single Sample	Annually	Composite	RMP-B
Arsenic Total, Dry Weight, Sludge	mg/kg	Max	75.0	Single Sample	Annually	Composite	RMP-B
Cadmium, Sludge, Tot, Dry Weight (as Cd)	mg/kg	Max	85.0	Single Sample	Annually	Composite	RMP-B
Copper, Sludge, Tot, Dry Wt. (as Cu)	mg/kg	Max	4300.0	Single Sample	Annually	Composite	RMP-B
Lead, Dry Weight, Sludge	mg/kg	Max	840.0	Single Sample	Annually	Composite	RMP-B

PERMITTEE: Bay Laurel Center Community Development District
 FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
 EXPIRATION DATE: October 27, 2023

Parameter	Units	Max/ Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Mercury, Dry Weight, Sludge	mg/kg	Max	57.0	Single Sample	Annually	Composite	RMP-B
Molybdenum, Dry Weight, Sludge	mg/kg	Max	75.0	Single Sample	Annually	Composite	RMP-B
Nickel, Dry Weight, Sludge	mg/kg	Max	420.0	Single Sample	Annually	Composite	RMP-B
Selenium Sludge Solid	mg/kg	Max	100.0	Single Sample	Annually	Composite	RMP-B
Zinc, Dry Weight, Sludge	mg/kg	Max	7500.0	Single Sample	Annually	Composite	RMP-B
pH	s.u.	Max	Report	Single Sample	Annually	Grab	RMP-B
Solids, Total, Sludge, Percent	percent	Max	Report	Single Sample	Annually	Composite	RMP-B
Calcium Carbonate Equivalent	percent	Max	Report	Single Sample	Annually	Composite	RMP-B

[62-640.650(3)(a)(3) and 62-640.700(5)(a)]

16. Sampling and analysis shall be conducted in accordance with 40 CFR Part 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, August 1989. In cases where conflicts exist between 40 CFR 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in 40 CFR Part 503.8 will apply. [62-640.650(3)(a)1]
17. All samples shall be representative and shall be taken after final treatment of the biosolids but before land application or distribution and marketing. [62-640.650(3)(a)5]
18. Biosolids samples shall be taken at the monitoring site locations listed in Permit Condition II.15 and as described below:

Monitoring Site Number	Description of Monitoring Site
RMP-B	After final treatment and before land application.

C. Land Application at Permitted Sites

19. Land application of biosolids at the site shall be in accordance with the site permit, the Nutrient Management Plan, and the requirements of Chapter 62-640, F.A.C., as amended on August 29, 2010. [62-640]
20. The biosolids from this facility shall only be land applied at the site in Attachment A or at sites identified on the Treatment Facility Biosolids Plan, Form 62-640.210(2)(a), submitted with the permit application or revised in accordance with condition II.21 below, which is incorporated as part of this permit. [62-640.300(2)]
21. The permittee shall notify the Department at least 24 hours before beginning biosolids application at a site not listed in the Treatment Facility Biosolids Plan Form 62-640.210(2)(a). The facility's Treatment Facility Biosolids Plan shall be revised to include the new site and submitted to the Department within 30 days of using the site. The revised Treatment Facility Biosolids Plan shall become part of the treatment facility permit. [62-640.300(2)(c) & 62-640.650(6)(a)]
22. Land application of "other solids" as defined in Chapter 62-640, F.A.C., is only allowed if specifically addressed in the Nutrient Management Plan(s) approved for the site where the other solids will be applied. [62-640.860]
23. The Circle Square Field 2 biosolids land application site (FLA330728) is designated solely for use by On Top Of the World South WWTF. The biosolids site (FLA330728) is incorporated by reference and is attached as Attachment A to this permit. [62-640.650(4) & (5)]

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

24. The permittee shall maintain hauling records to track the transport of biosolids between the treatment facility and the application site. The hauling records for each party shall contain the following information:

Treatment Facility Permittee	Site Permittee
1. Date and time shipped and shipment ID	1. Date and time received and shipment ID
2. Amount of biosolids shipped	2. Name and ID number of treatment facility from which biosolids are received
3. Concentration of parameters & date of analysis	3. Signature of hauler
4. Name and ID number of permitted application site	4. Signature of site manager
5. Class of biosolids shipped	
6. Signature of certified operator or designee	
7. Signature of hauler and name of hauling firm	

A copy of the treatment facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids site manager. The permittee shall report to the Department within 24 hours of discovery of any discrepancy in the delivery of biosolids leaving the treatment facility and arriving at the permitted application site. Treatment facility permittees shall notify the Department, site manager, and site permittee within 24 hours of discovery of sending biosolids that did not meet the requirements of Rule 62-640.600, F.A.C., or subsection 62-640.700(5), F.A.C., to a land application site. *[62-640.650(4) & (5)]*

25. The permittee shall maintain copies of the Biosolids Application Site Annual Summaries, received from site permittees in accordance with 62-640.650(5)(e), F.A.C., indefinitely. *[62-640.650(4)(d)]*
26. The permittee shall submit a Treatment Facility Biosolids Annual Summary to the Department's Central District Office on Department Form 62-640.210(2)(b). The summary shall include all biosolids shipped during the period January 1 through December 31 and shall be submitted to the Department by February 19 of the year following the year of application. *[62-640.650(5)(c)]*

D. Disposal

27. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(b) & (c)]*

E. Transfer

28. The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. *[62-640.880(1)(b)]*
29. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility	Biosolids Treatment Facility or Treatment Facility
1. Date and time shipped	1. Date and time received
2. Amount of biosolids shipped	2. Amount of biosolids received
3. Degree of treatment (if applicable)	3. Name and ID number of source facility
4. Name and ID Number of treatment facility	4. Signature of hauler
5. Signature of responsible party at source facility	5. Signature of responsible party at treatment facility
6. Signature of hauler and name of hauling firm	

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

PERMITTEE: Bay Laurel Center Community Development District
 FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
 EXPIRATION DATE: October 27, 2023

30. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]

III. GROUND WATER REQUIREMENTS

A. Construction Requirements

Section Construction requirements is not applicable to this facility.

B. Operational Requirements

- For the Part II, III, and IV Land Application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. For major users of reclaimed water (i.e., using 0.1 MGD or more), the zone of discharge for Land Application Sites shall extend horizontally 100 feet from the application site and vertically to the base of the surficial aquifer. For other users, the zone of discharge shall extend horizontally to the boundary of the general service area identified in the attached map and vertically to the base of the surficial aquifer. [62-520.200(27)] [62-520.465]
- The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
- During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. [62-520.600][62-610.463]
- The following monitoring wells shall be sampled quarterly for reuse systems R-001 and R-002. Sampling must be reasonably spaced to be representative of potentially changing conditions.

Monitoring Well ID	Alternate Well Name	WAFR ID	Well Type	Aquifer Monitored	New or Existing
R-001: Sprayfield					
MWB-10	MW-10	50866	Background	Floridan	Existing
MWI-11R	MW-11R	50867	Intermediate	Floridan	Existing
MWC-12R	MW-12R	50868	Compliance	Floridan	Existing
R-002: Golf Course					
MWB-02	MW-5	29664	Background	Floridan	Existing
MWI-02	MW-9	29668	Intermediate	Floridan	Existing
MWC-03	MW-6	29665	Compliance	Floridan	Existing
MWC-04	MW-7	29666	Compliance	Floridan	Existing
MWC-05	MW-8	29667	Compliance	Floridan	Existing

MWB = Background Well; MWI = Intermediate Well; MWC = Compliance Well

[62-520.600][62-610.463]

5. The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III. B. 4:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to Feet, NGVD	Report	Feet	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)*	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly

PERMITTEE: Bay Laurel Center Community Development District
 FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
 EXPIRATION DATE: October 27, 2023

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	SU	Grab	Quarterly
Turbidity, Nephelometric	Report	NTU	Grab	Quarterly
Added: October 2013**				
Trihalomethanes, Total (TTHMs)	80	ug/L	Grab	Quarterly
Bis(2-ethylhexyl)phthalate	6	ug/L	Grab	Quarterly

* Compliance limit may be higher if no other parameter exceeds compliance limit.
 ** Based on the Effluent Analysis Report results, parameters Trihalomethanes, Total (TTHMs) and Bis (2-ethylhexyl phthalate (BEHP) have been added to the existing Groundwater Monitoring Plan (GWMP) for at least 4-quarters.
 [62-520.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601][62-601.300(6)] [62-520.300(9)]

6. If the concentration for any constituent listed in Permit Condition III. B. 5. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative natural background quality shall be the prevailing standard. [62-520.420(2)]
7. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (Feet, NGVD) at a precision of plus or minus 0.01 foot. [62-520.600(11)(C)] [62-610.463(3)(a)]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5)] [62-160.210]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District, Ground Water Section as being more representative of ground water conditions. [62-520.310(5)]
10. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
11. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). A completed Certification Page shall accompany each quarter of monitoring data. For reuse or land application projects, the quarterly ground water monitoring results shall be submitted with the DMR as shown in the following schedule. [62-520.600(10) and (11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]

SAMPLE PERIOD	REPORT DUE DATE
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

12. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Central District, Ground Water Section immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Central District, Ground Water Section. [62-520.600][62-4.070(3)]
13. The Permittee shall provide verbal notice to the Department's Central District, Ground Water Section as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District, Ground Water Section in a written report within 7 days of the sinkhole discovery. [62-4.070(3)]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part II Slow-Rate/Restricted Access System(s)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1)]
2. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
3. The maximum annual average loading rate to the spray field shall be limited to 2.26 inches per week. The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4)]
4. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b)]
5. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425]
6. Irrigation of edible food crops is prohibited. [62-610.426]
7. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

B. Part III Public Access System(s)

1. Use of reclaimed water is authorized within the general Reuse Service Area identified in the attached map. The following uses of reclaimed water are authorized within this general service area:

Golf Courses
 Other Landscape Irrigation
 Residential Developments

[62-620.630(10)(a)]

2. This reuse system includes the following major user(s) of reclaimed water (i.e., using 0.1 MGD or more) and general service area(s):

Site Number	User Name	User Type	Capacity (MGD)	Acreage
PAA-001	Candler Hills Golf Course	Golf Courses		134
PAA-002	North Golf Course	Golf Courses		94
PAA-003	Candler Hills West Common Areas	Other Landscape Irrigation		9.74
PAA-004	Candler Hills East and 90 th Terrace Road common Areas	Other Landscape Irrigation		25.92
Total			1.25	263.66

[62-610.800(5)][62-620.630(10)(b)]

3. New major users of reclaimed water (i.e., using 0.1 MGD or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(4)(a)1. [62-610.890]
4. Cross-connections to the potable water system are prohibited. [62-610.469(7)]

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

5. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. *[62-610.469(7)]*
6. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify the proper use of reclaimed water. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. *[62-610.469(7)(h)]*
7. If a cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area.
 - b. If the potable water system is contaminated, clear the potable water lines.
 - c. Eliminate the cross-connection.
 - d. Test the affected area for other possible cross-connections.
 - e. Within 24 hours, notify the Department's Central District Office's domestic wastewater and drinking water programs.
 - f. Within 5 days of discovery of a cross-connection, submit a written report to the Department's Central District Office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.

[62-555.350(3) and 62-555.360][62-620.610(20)]

8. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*
9. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3)]*
10. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*
11. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
12. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*
13. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*
14. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

15. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. [62-610.468, 62-610.469]
16. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. [62-610.468(6)]
17. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
18. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

Supplemental Water Supplies - Ground Water

19. An approved backflow prevention device, as described in Rule 62-555.360, F.A.C., shall be provided on the pipe from each well connected into the reclaimed water system. [62-610.472(4)]
20. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water and potable water facilities. [62-610.472(4)]
21. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. [62-610.472(7)]

C. Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The maximum annual average loading rate to RIB shall be limited to 6.2 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

PERMITTEE: Bay Laurel Center Community Development District
FACILITY: On Top Of The World South WWTF

PERMIT NUMBER: FLA012683-017
EXPIRATION DATE: October 27, 2023

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of an operator or operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 6 hours/day for 7 days/week. The lead/chief operator must be a Class C operator, or higher.

[62-620.630(3)][62-699.310] [62-610.462]

2. The lead/chief operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site. An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (6) and (1)]*
3. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. Submit an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C., five years from the date of issuance of this permit. *[62-600.405(5)]*
2. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
3. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of any required record drawings;

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
 FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

- h. Copies of the licenses of the current certified operators;
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
- j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.
[62-620.350, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

- 1. The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Submit an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C., five years from the date of issuance of this permit.	October 31, 2018

[62-620.320(6)]

- 2. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
 - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
 - b. The permittee has made complete the application for renewal of this permit before the permit expiration date.
[62-620.335(1) - (4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

- 1. This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

- 1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. *[62-610.800(10)]*
- 2. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
- 3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

4. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
5. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.*[62-604.130(5)]*
6. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.418(1); 62-610.518(1); and 62-600.400(2)(b)]*
7. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
8. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
9. The permittee shall provide verbal notice to the Department's Central District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*
10. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

- d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
- e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
- f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

- 19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
- 20. The permittee shall report to the Department's Central District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - (a) Name, address, and telephone number of person reporting;
 - (b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - (c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - (e) Estimated amount of the discharge;
 - (f) Location or address of the discharge;
 - (g) Source and cause of the discharge;
 - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - (i) Description of area affected by the discharge, including name of water body affected, if any; and
 - (j) Other persons or agencies contacted.
 - (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Central District Office within 24 hours from the time the permittee becomes aware of the circumstances.

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Central District Office shall waive the written report.

[62-620.610(20)]

- 21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
- b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
- c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
- e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
 - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

PERMITTEE: Bay Laurel Center Community Development District PERMIT NUMBER: FLA012683-017
FACILITY: On Top Of The World South WWTF EXPIRATION DATE: October 27, 2023

- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Christianne C. Ferraro, P.E.
Program Administrator
Water Resource Management

Date: October 28, 2013

Attachment(s):
Discharge Monitoring Report
"Pathogen Monitoring" Form
Map of the General Reuse Service Area

APPENDIX B

Water Treatment Facilities Inspection Data

WATER TREATMENT FACILITY EVALUATION

Municipality: Bay Laurel Center Community Development District

Inspection Date: May 13, 2020
 Reviewed by: Steven Holmes
Bingjie Zhao

FACILITY INFORMATION:

Facility:	Water Treatment Plant No. 1
Address:	9050 SW 98 th Street, Ocala, FL 34481
PWS ID:	6424619
CUP:	2,555,000 gpd average, 3,321,000 gpd peak month (total for 7 wells) 428,000 gpd average, 556,200 gpd peak per each well at WTP No. 1

EQUIPMENT SUMMARY:

Equipment Summary:	Quantity / Type:	Visual Condition:	Comments:
Wells:	Four (4) wells	Good	Well Nos. 7, 23, 29, 30. All are in good operating condition.
Treatment:	Chlorine (Gas)	Good	
Storage Tanks:	(1) 2 MG Pre-stressed Concrete Tank, (1) 20,000-gal hydro-tank	Excellent	The hydro-tank was repainted and the ground storage tank was inspected (5-year inspection) and no deficiencies were found.
High Service Pumps:	Five (5) pumps	Excellent	HSP 1-3 was replaced in 2017. There are three spare motors.
Generators:	One (1) 500 kW	Good	Caterpillar generator is in good working condition and radiator was replaced. 750 gallons new portable generator fuel storage tank is onsite.
Other:		Excellent	The control system was upgraded and improved. HSPs 4 and 5 are operated alternately. New fence and new gate were installed. High service pump discharge pipes are newly painted. New online residual test unit installed.

Visual Condition:

EX – Excellent GO – Good AV – Average NM - Needs Maintenance PO – Poor

OTHER COMMENTS:

WATER TREATMENT FACILITY EVALUATION

Municipality: Bay Laurel Center Community Development District

Inspection Date: May 13, 2020
Reviewed by: Steven Holmes
Bingjie Zhao

PHOTOS:



Well



2 MG Storage Tank



Generator Portable Fuel Storage Tank



High Service Pumps



Generator



Pressure Skid Board

WATER TREATMENT FACILITY EVALUATION

Municipality: Bay Laurel Center Community Development District

Inspection Date: May 13, 2020
Reviewed by: Steven Holmes
Bingjie Zhao



New Painted Discharge Pipings



20,000 Gallon Hydro-Tank

APPENDIX C

Wastewater Treatment Facilities Inspection Data

WASTEWATER TREATMENT FACILITY EVALUATIONS

Municipality: Bay Laurel Center Community Development District

Inspection Date: May 13, 2020

Reviewed by: Steven Holmes

Bingjie Zhao

FACILITY INFORMATION:

Facility:	Wastewater Treatment Plant Nos. 1 & 2
Address:	8551 SW 90 th Street, Ocala, FL 34481
FDEP Permit #:	FLA012683-017 – Expires 2023
Rated Capacity:	1.25 MGD AADF (0.75 MGD WWTP 1/South; 0.5 MGD WWTP 2/North)

EQUIPMENT SUMMARY:

Equipment Summary:	Quantity / Type:	Visual Condition:	Comments:
Pre-treatment (screens, grit removal, equalization)	Fine Screen	Excellent	Fine Screen Headworks installation completed in 2015. Screen is functioning very well.
Treatment (activated sludge, reactors, aeration, clarifiers, filters, disinfection)	WWTP 1 – 5 aeration basins (577k gal) 1 clarifier (224k gal) 1 chlorine contact (35k gal) WWTP 2 – 3 aeration basins (495k gal) 2 clarifiers (87k gal) 1 chlorine contact (16k gal) Shared - 1 –Cloth media (Aquadisk) filter system. 1 –Combined chlorine contact (93k gal)	Good	All aeration blowers have been replaced with high efficiency blowers/motors housed in sound attenuated enclosures. Cloth media is replaced. Also Shade Balls have been placed in the chlorine contact basins to block the sunlight and reduce chemical usage since the inspection.
Sludge Treatment (digesters, disposal)	WWTP 1 – 1 digester (130k gal) WWTP 2 – 1 digester (38k gal)	Good	Biosolids are being disposed by land application. All digester blowers have been replaced with high efficiency blowers/motors housed in sound attenuated enclosures.
Reclaimed Water Facilities:	2.5 MG reuse storage tank, 3 reuse pumps @ 150 HP and 1 reuse jockey pump @ 15 HP	Excellent	Reuse pump 4 was rebuilt and motor was serviced. Pump 1 was rebuilt on the transfer pump station that transfers wastewater from the chlorine contact chamber to the appropriate disposal site. The VFD was installed on the jockey pump.
Generators:		Good	
Other:	SCADA system on-site, pH analyzer, chlorine monitor, etc.	Good	Two R-001 Transfer Pumps send the effluent to two lined wet-weather storage holding ponds.

Visual Condition:

EX – Excellent GO – Good AV – Average NM - Needs Maintenance PO – Poor

OTHER COMMENTS:

The site consists of two identified facilities, which are permitted for a combined total of 1.25 MGD. An office building with SCADA system monitoring is located on the WWTP site.

WASTEWATER TREATMENT FACILITY EVALUATIONS

Municipality: Bay Laurel Center Community Development District

Inspection Date: May 13, 2020

Reviewed by: Steven Holmes

Bingjie Zhao

PHOTOS:



Odor Control System



Fine Screen Headworks



Aeration Basins



Clarifer



Blowers



Disk Filters

WASTEWATER TREATMENT FACILITY EVALUATIONS

Municipality: Bay Laurel Center Community Development District

Inspection Date: May 13, 2020
Reviewed by: Steven Holmes
Bingjie Zhao



Shade Balls Covered Chlorine Contact Chamber



Reclaimed Water Facilities



Disinfection Gas Tanks

APPENDIX D

Lift Station Inspection Report

LIFT STATION EVALUATIONS

Bay Laurel Center Community Development District

All lift stations were visited and inspected on May 13, 2020 by Steven Holmes and Bingjie Zhao. The following summarizes the inspections with the general assessed condition of each site. Conditions are assessed as Excellent, Good, Average, Needs Maintenance or Poor.

General:

Overall, all lift stations are in good working condition, with no violations or significant system issues. The District continues to make improvements to the system, with some recent upgrades including:

- Upgrading of to the SCADA system for remote monitoring (via a fiber optic communication system).
- The addition of permanent backup generators to lift stations.
- Pump and control panel improvements/upgrades.
- Improvements/relining of wet wells and replacement of station piping.
- Odor control systems where necessary.

An assessment of each site is provided below, by Site ID number.

Site ID:	01
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	
Overall Site:	Excellent	Generator on-site (Caterpillar)

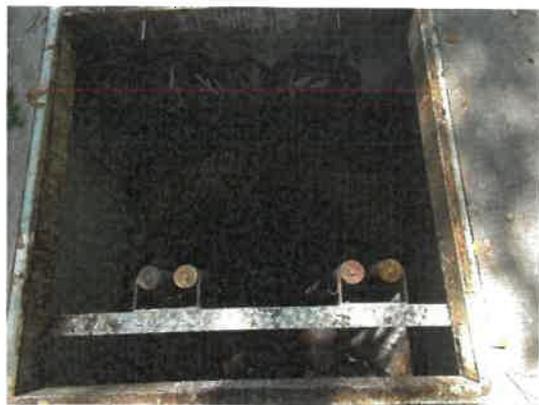
COMMENTS:

Upgrades including a new control panel, steel plug valves and check valves in 2017. No major site changes since previous inspection.

PHOTOS:



Pump Station Site



Wetwell

LIFT STATION EVALUATIONS

Site ID:	02
Description:	Above Ground Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Gorman-Rupp w/enclosure, wetwell lined
Controls/Panel:	Excellent	
Overall Site:	Good	

COMMENTS:

The control panel was upgraded in 2016, the fiber optic communications are now in service. No major site changes since previous inspection.

PHOTOS:



Pump Station Site



Control Panel



Vault

LIFT STATION EVALUATIONS

Site ID:	03
Description:	Above Ground Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Gorman-Rupp pumps inside building, recently painted pipes and valves. Wetwell lined
Controls/Panel:	Excellent	New control panel
Overall Site:	Good	Generator on-site (Generac), Pump Station housed in building.

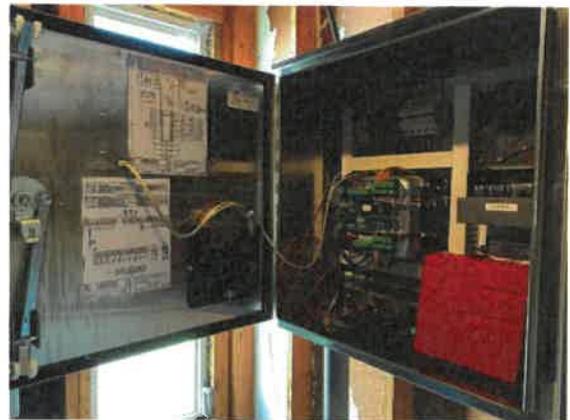
COMMENTS:

No major site changes since previous inspection.

PHOTOS:



Pump Station Site/Building



Control Panel



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	04
Description:	Above Ground Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Average	Gorman-Rupp w/ enclosure
Controls/Panel:	Average	
Overall Site:	Good	Lift station is located in a future commercial site and will likely be relocated before the property is developed.

COMMENTS:

No major site changes since previous inspection.

PHOTOS:



Pump Station Site



Piping/Control Panel

LIFT STATION EVALUATIONS

Site ID:	05
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	New wet well liner and new check valve
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator on-site (Generac)

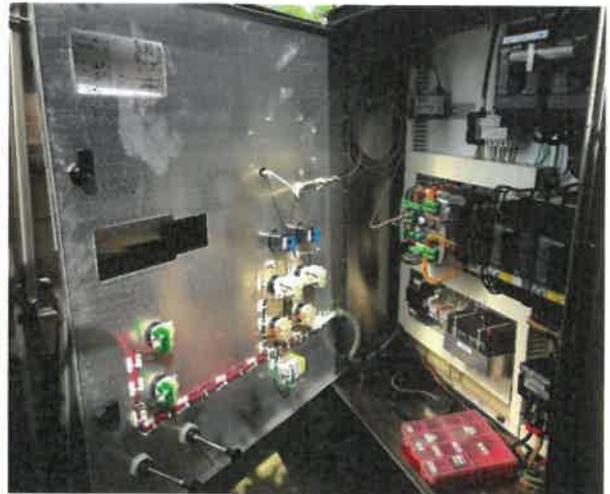
COMMENTS:

No major site changes since previous inspection.

PHOTOS:



Pump Station



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	06
Description:	Submersible Quad Pump (WWTP master pump station)

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Pump No.1 was replaced with a premium efficient hydromatic pump in 2020.
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Good	125 KW Generator (Caterpillar)

COMMENTS:

Site is the master influent lift station for the Wastewater plant. Significant upgrades occurred in 2013-2014, including generator, control panel, battery backup, and wet well cover added. New odor control system was installed in 2017. The fiber optic communications are now in service.

PHOTOS:



Pump Station Site



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	07
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps, wetwell lined
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar), the steel grating of the valve vault has light surface rust and needs a fresh coat of paint.

COMMENTS:

Site is the master station for seven other lift stations. No major site changes since previous inspection. Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

ite ID:	08
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

Upgraded to fiber optic communications.

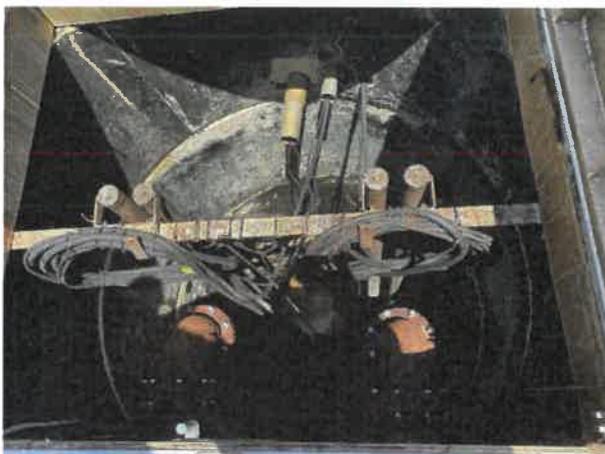
PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	09
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

No major site changes since previous inspection.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	10
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Good	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

No major site changes since previous inspection.

PHOTOS:



Pump Station Site



Control Panel



Wetwell

LIFT STATION EVALUATIONS

Site ID:	11
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	
Overall Site:	Excellent	Generator (Installed 2014)

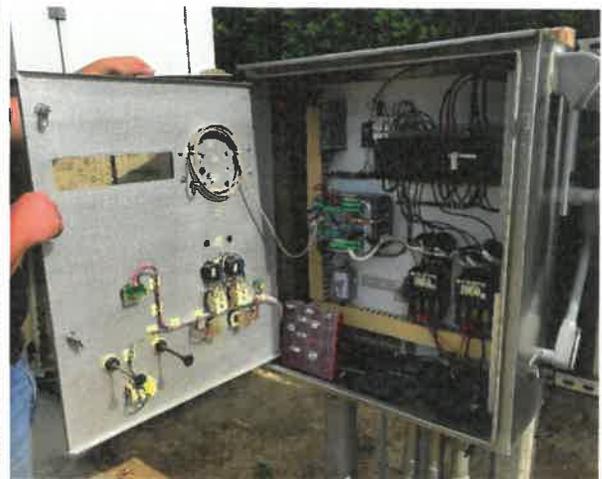
COMMENTS:

No major site changes since previous inspection.

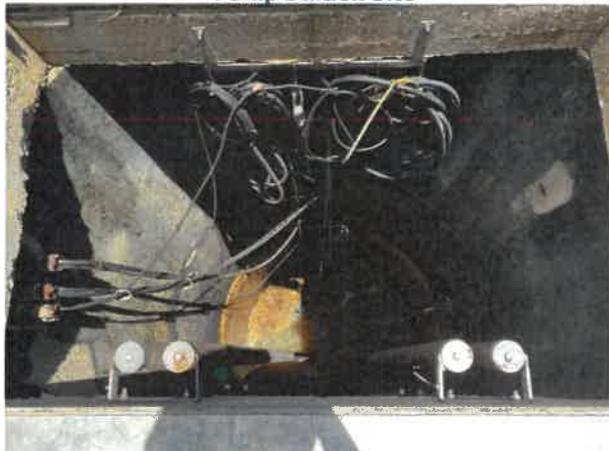
PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	12
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

No major site changes since previous inspection.

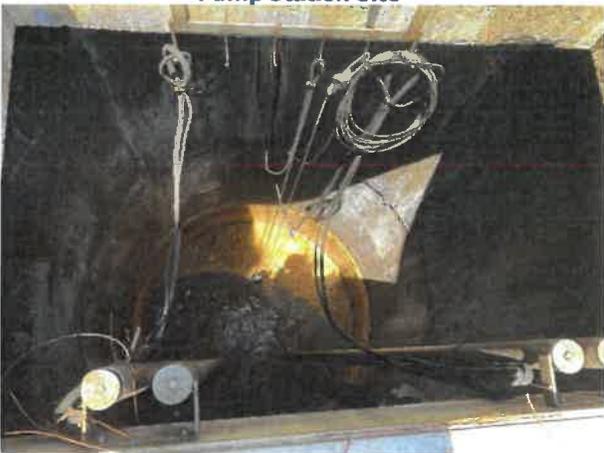
PHOTOS:



Pump Station Site



Control Panel



Wetwell

LIFT STATION EVALUATIONS

Site ID:	13-New
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Haywood Gordon, 20 HP soft start, lined wetwell
Controls/Panel:	Excellent	Multi-trode
Overall Site:	Excellent	Caterpillar 50 KW

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Generator

LIFT STATION EVALUATIONS

Site ID:	14
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	New Control Panel installed 2015.
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	15
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Excellent	Control panel upgrades (2015).
Overall Site:	Excellent	On-site generator.

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	16
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps
Controls/Panel:	Good	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell

LIFT STATION EVALUATIONS

Site ID:	17
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	New 20 HP Flygt pumps installed in 2019
Controls/Panel:	Good	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar)

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel

LIFT STATION EVALUATIONS

ite ID:	18
Description:	Submersible Triplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Hydromatic Pumps, wet well HDPE lined.
Controls/Panel:	Good	Control Panel (Multi-trode w/modem)
Overall Site:	Good	Generator (Caterpillar), Odor Control System (Bioxide)

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel

LIFT STATION EVALUATIONS

Site ID:	19
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	A single flygt pump and one hydro, lined wetwell
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Excellent	Odor Control System (Bioxide Drip Injection), Caterpillar generator

COMMENTS:

The force main discharging from this station was "pigged" to clean grease and debris in December 2017. No major site changes since previous inspection. Upgraded to fiber optic communications.

PHOTOS:



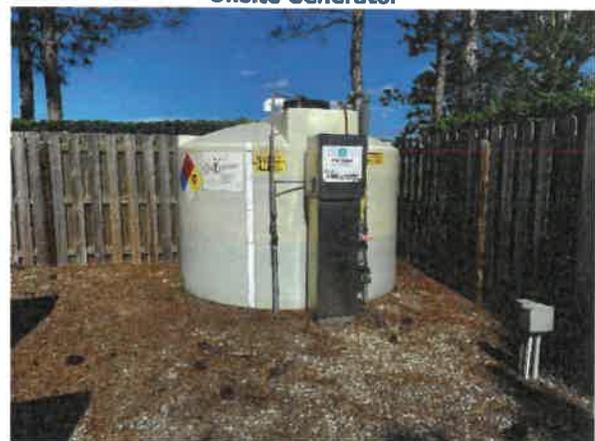
Pump Station Site



Onsite Generator



Wetwell



Odor Control System

LIFT STATION EVALUATIONS

Site ID:	20
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Replaced Hydromatic pumps with Premium Efficient Hydromatic Pumps in 2019 for Pump 1 and 2020 for Pump 2
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Excellent	Generator, air release valve

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Onsite Generator



Wetwell



Control Panel

LIFT STATION EVALUATIONS

Site ID:	21
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Good	Lined wetwell
Controls/Panel:	Excellent	
Overall Site:	Good	

COMMENTS:

New multi-trode was installed in 2017. Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell

LIFT STATION EVALUATIONS

Site ID:	22
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic Pumps, lined wetwell
Controls/Panel:	Excellent	Control Panel (Multi-trode w/modem)
Overall Site:	Excellent	Generator (Cummins)

COMMENTS:

Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Onsite Generator



Wetwell



Control Panel

LIFT STATION EVALUATIONS

Site ID:	23
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic Pumps, 10 HP, lined wetwell
Controls/Panel:	Excellent	New Multi-trode
Overall Site:	Excellent	

COMMENTS:

Upgrades in May 2017 included a Multi-trode installation, 10 HP pumps replacement, and new breakers. Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell

LIFT STATION EVALUATIONS

Site ID:	24
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic pumps, lined wetwell
Controls/Panel:	Excellent	Multi-trode panel
Overall Site:	Excellent	Cummins generator

COMMENTS:

No major site changes since previous inspection.

PHOTOS:



Pump Station Site



Control Panel



Wet Well

LIFT STATION EVALUATIONS

Site ID:	25
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic pumps, lined wetwell
Controls/Panel:	Excellent	Multi-trode panel
Overall Site:	Excellent	Caterpillar generator

COMMENTS:

This lift station is a new station with Bay Laurel standards, including a 50' x 50' site with chain link fencing, 40 kW Caterpillar generator, site lighting, and an electric grounding system to protect the site. Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	26
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic, lined wetwell
Controls/Panel:	Excellent	Multi-trode panel
Overall Site:	Excellent	Caterpillar generator

COMMENTS:

This lift station is a new station with Bay Laurel standards, including a 50' x 50' site with chain link fencing, 40 kW Caterpillar generator, site lighting, and an electric grounding system to protect the site. Upgraded to fiber optic communications.

PHOTOS:



Pump Station Site



Control Panel



Wetwell



Onsite Generator

LIFT STATION EVALUATIONS

Site ID:	27
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic, lined wetwell
Controls/Panel:	Excellent	Multi-trode panel
Overall Site:	Excellent	Caterpillar generator

COMMENTS:

This lift station is a new station with Bay Laurel standards, including a 50' x 50' site with chain link fencing, 40 kW Caterpillar generator, site lighting, and an electric grounding system to protect the site. Upgraded to fiber optic communications.

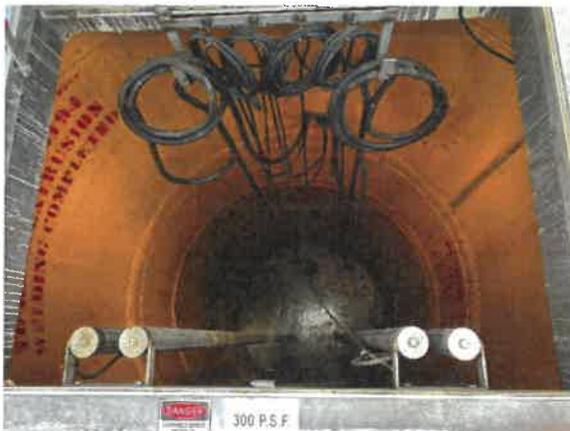
PHOTOS:



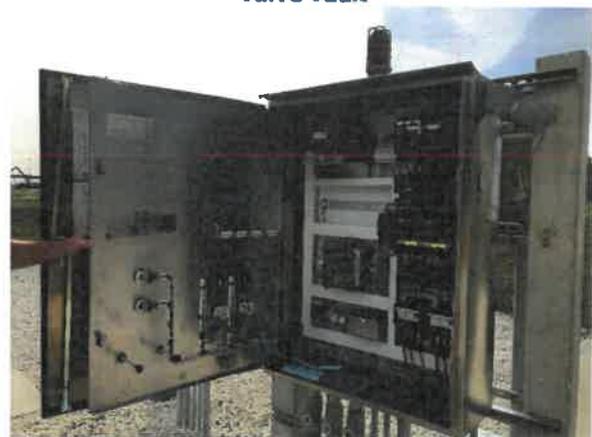
Pump Station Site Generator



Valve Vault



Wetwell



Control Panel

LIFT STATION EVALUATIONS

Site ID:	28
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Hydromatic, lined wetwell
Controls/Panel:	Excellent	Multi-trode panel
Overall Site:	Excellent	Caterpillar generator

COMMENTS:

This lift station is a new station with Bay Laurel standards, including a 50' x 50' site with chain link fencing, 40 kW Caterpillar generator, site lighting, and an electric grounding system to protect the site.

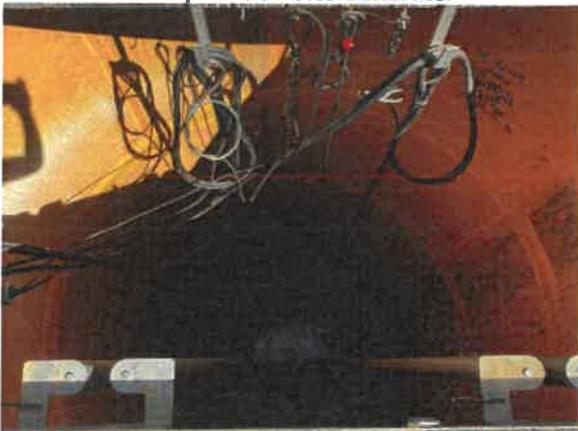
PHOTOS:



Pump Station Site Generator



Valve Vault



Wetwell



Control Panel

LIFT STATION EVALUATIONS

Site ID:	29
Description:	Submersible Duplex

EQUIPMENT COMMENTS/CONDITION:

Equipment Summary:	Visual Condition:	Comments:
Structure/Pumps:	Excellent	Flygt Pumps, lined wetwell
Controls/Panel:	Excellent	Multi-trode panel
Overall Site:	Excellent	Caterpillar generator

COMMENTS:

This lift station is a new station with Bay Laurel standards, including a 50' x 50' site with chain link fencing, 40 kW Caterpillar generator, site lighting, and an electric grounding system to protect the site.

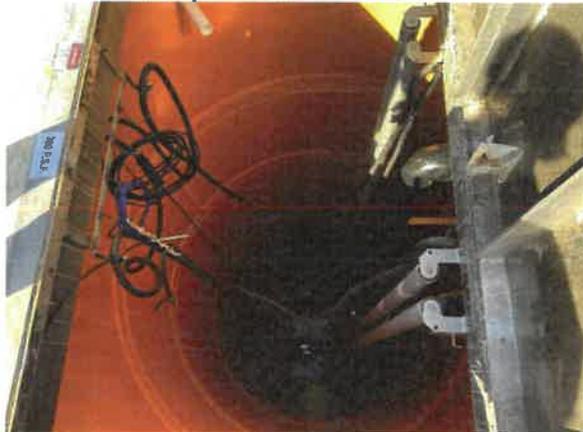
PHOTOS:



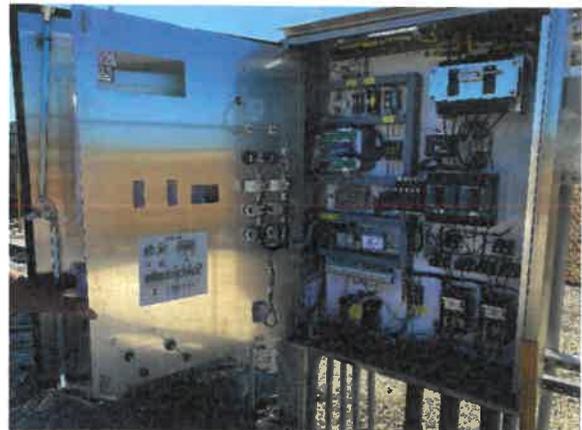
Pump Station Site Generator



Valve Vault



Wetwell



Control Panel

APPENDIX E

Five Year CIP



Five Year Capital Improvement Plan

Description		2021	2022	2023	2024	2025
Water Treatment						
	Storage Tank Inspections			\$20,500.00		
	Paint WTP No. 1 Facilities and WTP No. 3 GST's		\$75,000.00			
	Misc. Pump & Motor Repairs/Replacements	\$33,075.00	\$34,728.75	\$36,465.19	\$38,288.45	\$40,202.87
	Misc. Valve Repairs/Replacements	\$22,050.00	\$23,152.50	\$24,310.13	\$25,525.63	\$26,801.91
	WTP No. 3 Switch Gear Update - PLC & HMI Controls	\$200,000.00				
	WTP No. 3 Sodium Hypochlorite Pumps	\$16,000.00				
	WTP No. 3 Sodium Hypochlorite Tanks	\$45,000.00				
	Integrated Water Resource Master Plan	\$280,000.00				
	Replace 2013 SCBA's			\$5,000.00		
Subtotal		\$596,125.00	\$132,881.25	\$86,275.31	\$63,814.08	\$67,004.78
Water Distribution						
	Meter Replacements	\$78,750.00	\$82,687.50	\$86,821.88	\$91,162.97	\$95,721.12
	GIS Program (Software, Equipment, Development)	\$25,000.00	\$26,250.00	\$27,562.50	\$28,940.63	\$30,387.66
	Irrigation Meter Replacements - 155 Units (3 Year Program)	\$131,750.00	\$127,500.00			
	Large Diameter Main Spare Parts	\$20,000.00				
	Backflow Program	\$20,000.00				
	Pipe Locator Replacement	\$9,600.00				
	Ground Penetrating Radar (GPR) Replacement	\$26,000.00				
Subtotal		\$311,100.00	\$236,437.50	\$114,384.38	\$120,103.59	\$126,108.77
Wastewater Collection						
	New Portable Generator (Dual Voltage)		\$75,000.00			
	WWTP Fence					
	Solids Analyzer - CEM Smart 6	\$15,000.00				
	Misc. Pump & Motor Repairs/Replacements	\$33,075.00	\$34,728.75	\$36,465.19	\$38,288.45	\$40,202.87
	Misc. Valve Repairs/Replacements	\$16,537.00	\$17,363.85	\$18,232.04	\$19,143.64	\$20,100.83
Subtotal		\$64,612.00	\$127,092.60	\$54,697.23	\$57,432.09	\$60,303.70



Five Year Capital Improvement Plan

Description	2021	2022	2023	2024	2025
Wastewater Treatment					
Misc. Pump & Motor Repairs/Replacements	\$33,075.00	\$34,728.75	\$36,465.19	\$38,288.45	\$40,202.87
Misc. Valve Repairs/Replacements	\$22,050.00	\$23,152.50	\$24,310.13	\$25,525.63	\$26,801.91
Replace 2014 SCBA's				\$5,000.00	
FDEP Repermitting			\$40,000.00		
NWWTF Land Acquisition	\$270,000.00				
Wastewater Treatment Plant Design / Engineering	\$800,000.00	\$800,000.00	\$500,000.00	\$500,000.00	
(1.6 M for Design / 1.0 M for Engineering Services During Construction)					
NWWTF Construction Cost (20% Increase Annually)	\$360,000.00	\$432,000.00	\$518,400.00	\$622,080.00	\$746,496.00
Subtotal	\$1,485,125.00	\$1,289,881.25	\$1,119,175.31	\$1,190,894.08	\$813,500.78
Vehicles					
Vehicle Wraps	\$4,000.00	\$5,000.00		\$6,000.00	
New Truck No. 12					
Replace Truck No. 11 - 2004					
Replace Truck No. 8 - 2005					
New Truck No. 13	\$66,000.00				
New Truck No. 14	\$66,000.00				
Replace Truck No. 7 - 2005		\$35,000.00			
Replace Truck No. 10 - 2004		\$65,563.62			
Replace Truck No. 4 - 2003		\$65,563.62			
Subtotal	\$136,000.00	\$105,563.62	\$0.00	\$6,000.00	\$0.00



Five Year Capital Improvement Plan

Description	2021	2022	2023	2024	2025
Administration					
Operating (Server) System Upgrade - IT (Recommended Every 5 yrs.)	\$20,000.00				
SCADA Server Upgrades (Recommended Every 5 yrs.)	\$10,000.00				
SCADA Historian Server Upgrades (Recommended Every 5 yrs.)	\$10,000.00				
GIS Server Upgrades (Recommended Every 5 yrs.)	\$10,000.00				
Lobby Redesign	\$60,000.00				
Rate Study / Misc. Charge Study	\$7,350.00	\$30,000.00			
Computer Replacement		\$7,717.50	\$8,103.38	\$8,508.54	\$8,933.97
Laptop/Tablets	\$10,000.00				
Subtotal	\$127,350.00	\$37,717.50	\$8,103.38	\$8,508.54	\$8,933.97
Grand Total	\$2,720,312.00	\$1,929,573.72	\$1,382,635.61	\$1,446,752.39	\$1,075,852.00

APPENDIX F

Insurance Coverage Analysis

June 30, 2020

Board of Supervisors
Bay Laurel Center Community Development District
8470 SW 79th Street Road, Suite A
Ocala, Florida 34481

Section 11.09 – Public Liability and Property Damage Insurance – Consulting Engineer’s Certificate

Dear Board Members:

This letter and the attached Table constitute the Consulting Engineer’s Certificate pursuant to Section 11.09 of the Trust Indenture between Bay Laurel Center Community Development District (District) and U.S. Bank National Association of the Series 2011 Revenue Bond Issue of the District which was used to acquire the utility assets.

I have reviewed the existing insurance policies and level of coverage from:

- Florida Insurance Alliance
 - #100119525
- Florida Insurance Alliance
 - WC100119525
- Illinois Union Insurance Company
 - #PPL G24544667 004

I also reviewed the Florida State Statutes to identify any legislative changes in the most recent year that affects insurance coverage and coverage levels. Upon my review I find that the above insurance program is practical with reasonable terms, conditions, provisions and cost, and meets all legal requirements as well. The level of coverage is consistent with the Consulting Engineer’s recommendations of value as provided to the District.

The summary Table attached hereto is hereby approved by the Consulting Engineer. Pursuant to Section 11.10 of Appendix C there is Use and Occupancy insurance. The policy comingles “Use and Occupancy” and “Business Interruption” insurance through Florida Insurance Alliance. As stated in that policy, there is an extension of coverage related to Business Income of \$1,000,000 per any occurrence. Based upon the District’s FY 2014 Rate Study and the proposed Fiscal Year 2021 Budget, the above amount would allow almost three (3) months and 10 days of down time to recover from an event or series of events. Three (3) to six (6) months is a typical and practical reserve for such a use and, therefore, the coverage is sufficient.

As the District’s Consulting Engineer, I certify to the above and the attached Table for the District’s reporting



cc: Darrin Mossing, GMS
George Flint, GMS

Bay Laurel Center Community Development District

Status Report of Insurance - June 2020

Insurer	Insurance Policy	Coverage Limits	Coverage Type	Expiration Date
Florida Insurance Alliance				
	General Liability			10/1/2020
	Bodily Injury and Property Damage	\$ 1,000,000	per Occurrence	
	Personal Injury and Advertising Injury	Included	per Person or Organization	
	Products / Completed Operation	Included	in Aggregate Limit	
	Medical Payments	\$ 5,000	Medical Payments/Expenses	
	Fire Damage	Included	Any One Premise/Occurrence	
	No Fault Sewer Backup	\$ 25,000	per Claimant	
		\$ 250,000	Aggregate Limit	
	Pesticide/Herbicide	\$ 1,000,000	per Occurrence & Aggregate Limit	
	Employees Benefit Liability	\$ 2,000,000	Aggregate Limit	10/1/2020
		\$ 1,000,000	per Occurrence	
	Public Officials' Liability	\$ 2,000,000	Aggregate Limit	10/1/2020
		\$ 1,000,000	per Claim	
	Employment Practices Liability	\$ 2,000,000	Aggregate Limit	10/1/2020
		\$ 1,000,000	per Claim	
	Public Crisis Events	\$ 25,000	per Claim	
	Property Insurance	\$ 15,894,033	Total Aggregate Insured Amount	10/1/2020
	Business Interruption/Loss of Income	\$ 1,000,000	per Occurrence	
	Use & Occupancy (Boiler & Machinery)	Included	with Business Interruption	
	Automobile Liability	\$ 1,000,000	per Accident or Loss	10/1/2020
	Hired Non-Owned Auto	\$ 1,000,000	per Accident or Loss	
	Personal Injury Protection	\$ 10,000	per Person & Florida Statutory Limits	
	Auto Medical Payments	\$ 2,500	per Accident or Loss	
	Uninsured/Underinsured Motorist	\$ 100,000	per Accident or Loss	
	Auto Physical Damage	\$ 35,000	per Accident or Loss	
	Cyber Liability	\$ 1,000,000	per Claim & Aggregate including Claim Expense	10/1/2020
	Crime Insurance	\$ 100,000	per Incident	10/1/2020
	(Employee Dishonesty, Forgery or Alteration, Theft, Disappearance, Destruction, & Computer Fraud)			
	Employer's Liability Insurance	\$ 1,000,000	per Accident	10/1/2020
		\$ 1,000,000	per Employee Disease	
		\$ 1,000,000	Policy Limit for Disease	
	Worker's Compensation	Statutory	per Florida Statutory Limits	10/1/2020
Illinois Union Insurance Company				
	Storage Tank Liability	\$ 4,000,000	Total Policy Aggregate	10/19/2021
		\$ 2,000,000	Aggregate, All Storage Tank Incidents	
		\$ 1,000,000	per Storage Tank Incident	
		\$ 1,000,000	Aggregate Legal Defense	
	Pollution Liability	\$ 5,000,000	Aggregate, All Pollution Conditions	10/19/2021
		\$ 2,000,000	per Pollution Condition	

SECTION B

RESOLUTION 2020 - 03

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT DETERMINING THE REVIEW OF THE FINANCIAL CONDITION OF THE UTILITIES SYSTEM FOR ENSUING FISCAL YEAR MEET THE RATE COVENANT IN SECTION 6.01(A) OF TRUST INDENTURE FOR WATER AND SEWER REVENUE BONDS, SERIES 2011, PROVIDING A EFFECTIVE DATE.

WHEREAS, the Consulting Engineer has completed review of financial condition of Utilities System on or before the ninetieth (90th) day prior to the end of Fiscal Year in accordance with Section 6.01(b) of Trust Indenture; and

WHEREAS, the review of financial condition has determined that actual and projected Net Revenues will meet the requirements of Section 6.01(a) of Trust Indenture.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT:

1. The attached Proposed Budget for Fiscal Year 2021 reflects actual and projected Net Revenues that meet the requirements of Section 6.01(a) Trust Indenture.
2. A copy of this Resolution is certified by Secretary of the Board and certified by District Manager will be filed with Trustee
3. This resolution shall take effect upon its passage and adoption of the Board of Supervisors.

PASSED AND ADOPTED THIS 18th DAY OF AUGUST, 2020.

ATTEST:

**BOARD OF SUPERVISORS OF THE
BAY LAUREL CENTER COMMUNITY
DEVELOPMENT DISTRICT**

Secretary

By: _____

Its: _____

SECTION VIII

SECTION A

SECTION 1

RESOLUTION 2020-04

THE ANNUAL APPROPRIATION RESOLUTION OF THE BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT (THE "DISTRICT") RELATING TO THE ANNUAL APPROPRIATIONS AND ADOPTING THE BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2020, AND ENDING SEPTEMBER 30, 2021; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the District Manager has, prior to the fifteenth (15th) day in June, 2020, submitted to the Board of Supervisors (the "Board") a proposed budget for the next ensuing budget year along with an explanatory and complete financial plan for each fund of the Bay Laurel Center Community Development District, pursuant to the provisions of Section 190.008(2)(a), Florida Statutes; and

WHEREAS, at least sixty (60) days prior to the adoption of the proposed annual budget (the "Proposed Budget"), the District filed a copy of the Proposed Budget with the local governing authorities having jurisdiction over the area included in the District pursuant to the provisions of Section 190.008(2)(b), Florida Statutes; and

WHEREAS, the Board set **August 18, 2020**, as the date for a public hearing thereon and caused notice of such public hearing to be given by publication pursuant to Section 190.008(2)(a), Florida Statutes; and

WHEREAS, Section 190.008(2)(a), Florida Statutes, requires that, prior to October 1, of each year, the District Board by passage of the Annual Appropriation Resolution shall adopt a budget for the ensuing fiscal year and appropriate such sums of money as the Board deems necessary to defray all expenditures of the District during the ensuing fiscal year; and

WHEREAS, the District Manager has prepared a Proposed Budget, whereby the budget shall project the cash receipts and disbursements anticipated during a given time period, including reserves for contingencies for emergency or other unanticipated expenditures during the fiscal year.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT;

Section 1. Budget

- a. That the Board of Supervisors has reviewed the District Manager's Proposed Budget, a copy of which is on file with the office of the District Manager and at the District's Records Office, and hereby approves certain amendments thereto, as shown in Section 2 below.
- b. That the District Manager's Proposed Budget, as amended by the Board, is hereby adopted in accordance with the provisions of Section 190.008(2)(a), Florida Statutes, and incorporated herein by reference; provided, however, that the comparative figures contained in the adopted budget may be subsequently revised as deemed necessary by the District Manager to reflect actual revenues and expenditures for Fiscal Year 2020 and/or revised projections for Fiscal Year 2021.
- c. That the adopted budget, as amended, shall be maintained in the office of the District Manager and at the District's Records Office and identified as "The Budget for Bay Laurel Center Community Development District for the Fiscal Year Ending September 30, 2021", as adopted by the Board of Supervisors on **August 18, 2020**.

Section 2. Appropriations

There is hereby appropriated out of the revenues of the Bay Laurel Center Community Development District, for the fiscal year beginning October 1, 2020, and ending September 30, 2021, the

sum of \$ _____ to be raised by the levy of assessments and otherwise, which sum is deemed by the Board of Supervisors to be necessary to defray all expenditures of the District during said budget year, to be divided and appropriated in the following fashion:

TOTAL OPERATING AND DEBT SERVICE FUND	\$ _____
TOTAL RENEWAL & REPLACEMENT FUND	\$ _____
TOTAL ALL FUNDS	\$ _____

Section 3. Supplemental Appropriations

The Board may authorize by resolution, supplemental appropriations or revenue changes for any lawful purpose from funds on hand or estimated to be received within the fiscal year as follows:

- a. Board may authorize a transfer of the unexpended balance or portion thereof of any appropriation item.
- b. Board may authorize an appropriation from the unappropriated balance of any fund.
- c. Board may increase any revenue or income budget amount to reflect receipt of any additional unbudgeted monies and make the corresponding change to appropriations or the unappropriated balance.

The District Manager and Treasurer shall have the power within a given fund to authorize the transfer of any unexpected balance of any appropriation item or any portion thereof, provided such transfers do not exceed Ten Thousand (\$10,000) Dollars or have the effect of causing more than 10% of the total appropriation of a given program or project to be transferred previously approved transfers included. Such transfer shall not have the effect of causing a more than \$10,000 or 10% increase, previously approved transfers included, to the original budget appropriation for the receiving program. Transfers within a program or project may be approved by the Board of Supervisors. The District Manager or Treasurer must establish administrative procedures which require information on the request forms proving that such transfer requests comply with this section.

Section 4. Effective Date

This Resolution shall take effect upon the passage and adoption by the Board of Supervisors.

Introduced, considered favorably, and adopted this 18th day of August, 2020.

ATTEST:

**BOARD OF SUPERVISORS OF THE BAY
LAUREL CENTER COMMUNITY
DEVELOPMENT DISTRICT**

Secretary

By: _____

Its: _____

Bay Laurel Center
Community Development District
Water and Sewer Enterprise Fund

Approved Budget

Fiscal Year 2021



Bay Laurel Center
Community Development District

Table of Contents

Operating and Debt-Service Budget	Pages 1-3
Renewal and Replacement Budget	Page 4
Narrative	Pages 5-17
Series 2011 Bond Amortization Schedule	Pages 18-19

**Bay Laurel Center
Community Development District
Water and Wastewater Operating Fund Budget
Fiscal Year 2021**

Description	Adopted FY 2020	Actual 6/30/20	Projected Next 3 Months	Total Projected	Approved FY 2021
Revenues					
34300.300.30000 Water and Sewer Revenues	\$ 7,013,975	\$ 6,292,342	\$ 2,097,447	\$ 8,389,789	\$ 7,793,305
34300.300.30100 Conservation	\$ 1,098,161	\$ 1,546,629	\$ 515,543	\$ 2,062,173	\$ 1,220,178
36900.300.10000 Miscellaneous Revenues	\$ 65,000	\$ 33,019	\$ 11,006	\$ 44,026	\$ 65,000
36100.300.10000 Interest Income	\$ 20,000	\$ 26,500	\$ 8,833	\$ 35,334	\$ 20,000
36600.300.10000 Cooperative Funding	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
Total Revenues	\$ 8,257,135	\$ 7,898,491	\$ 2,632,830	\$ 10,531,321	\$ 9,158,484

Expenses - Administrative

53600.310.11000 Supervisors Fees	\$ 6,000	\$ 2,400	\$ 800	\$ 3,200	\$ 6,000
53600.310.21000 FICA Taxes	\$ 459	\$ -	\$ -	\$ -	\$ 459
53600.310.31100 Engineering	\$ 120,000	\$ 95,274	\$ 10,000	\$ 105,274	\$ 150,000
53600.310.31500 Arbitrage	\$ 700	\$ 525	\$ 175	\$ 700	\$ 700
53600.310.32200 Attorney	\$ 80,000	\$ 51,656	\$ 7,500	\$ 59,156	\$ 100,000
53600.310.31700 Dissemination Agent	\$ 3,500	\$ 2,625	\$ 875	\$ 3,500	\$ 3,500
53600.310.32300 Annual Audit	\$ 11,000	\$ 7,113	\$ 731	\$ 7,845	\$ 12,000
53600.310.31200 Trustee Fees	\$ 14,000	\$ 10,500	\$ 3,500	\$ 14,000	\$ 14,000
53600.310.34000 Manager	\$ 90,177	\$ 67,633	\$ 22,544	\$ 90,177	\$ 90,177
53600.310.35100 Computer Time	\$ 1,000	\$ 750	\$ 250	\$ 1,000	\$ 1,000
53600.310.41000 Telephone	\$ 500	\$ -	\$ -	\$ -	\$ 500
53600.310.42000 Postage	\$ 3,000	\$ 29	\$ -	\$ 29	\$ 3,000
53600.310.42500 Printing & Binding	\$ 2,200	\$ 309	\$ -	\$ 309	\$ 2,200
53600.310.45000 Insurance - Liability	\$ 16,000	\$ 11,375	\$ 3,792	\$ 15,167	\$ 16,000
53600.310.48000 Legal Advertising	\$ 3,000	\$ 572	\$ 150	\$ 722	\$ 3,000
53600.310.49000 Other Current Charges	\$ 12,000	\$ 10,397	\$ 3,456	\$ 13,853	\$ 12,000
53600.310.51000 Office Supplies	\$ 3,000	\$ 67	\$ 25	\$ 92	\$ 3,000
53600.310.54000 Dues, Licenses & Subscriptions	\$ 175	\$ 131	\$ 44	\$ 175	\$ 175
Total Administrative	\$ 366,711	\$ 261,356	\$ 53,842	\$ 315,198	\$ 417,711

EXPENSES - OPERATIONS:

Personnel:

53600.330.12000 Salaries & Wages	\$ 1,172,524	\$ 845,012	\$ 281,114	\$ 1,126,126	\$ 1,338,090
53600.330.12100 Other Salaries & Wages	\$ 14,500	\$ 7,250	\$ 1,000	\$ 8,250	\$ 9,000
53600.330.12200 Unemployment Compensation	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500
53600.330.12300 Payroll Taxes	\$ 90,000	\$ 61,543	\$ 20,584	\$ 82,127	\$ 100,000
53600.330.12400 Pension Contributions	\$ 10,000	\$ 5,349	\$ 1,875	\$ 7,224	\$ 10,000
53600.330.12500 Other Personnel Cost	\$ 50,180	\$ 21,559	\$ 5,812	\$ 27,372	\$ 50,180
53600.330.12600 Education/Training	\$ 20,000	\$ 2,437	\$ 3,486	\$ 5,923	\$ 20,000
53600.330.12700 Uniforms	\$ 15,000	\$ 6,582	\$ 2,107	\$ 8,689	\$ 17,000
53600.330.21100 Workers Compensation	\$ 30,000	\$ 17,885	\$ 4,513	\$ 22,397	\$ 33,000
53600.330.45100 Health Insurance	\$ 355,000	\$ 217,035	\$ 68,174	\$ 285,209	\$ 407,000
Total Personnel	\$ 1,759,704	\$ 1,184,652	\$ 388,666	\$ 1,573,318	\$ 1,986,770

**Bay Laurel Center
Community Development District
Water and Wastewater Operating Fund Budget
Fiscal Year 2021**

Description	Adopted FY 2020	Actual 6/30/20	Projected Next 3 Months	Total Projected	Approved FY 2021
<u>Office Overhead:</u>					
53600.340.40900 Communications	\$ 51,500	\$ 35,714	\$ 9,607	\$ 45,321	\$ 60,000
53600.340.41100 Administrative Costs	\$ 70,000	\$ 30,661	\$ 8,198	\$ 38,858	\$ 70,000
53600.340.41200 Information Tech./Maintenance	\$ 113,000	\$ 68,176	\$ 10,084	\$ 78,260	\$ 175,610
53600.340.42000 Postage (utility billing)	\$ 60,000	\$ 32,094	\$ 6,144	\$ 38,238	\$ 75,000
53600.340.43500 Rentals & Leases	\$ 15,000	\$ 4,812	\$ 1,158	\$ 5,971	\$ 15,000
53600.340.45000 Insurance - Property, Plant & Equipment	\$ 115,000	\$ 69,570	\$ 19,169	\$ 88,738	\$ 110,000
53600.340.49200 Property Taxes	\$ 30,000	\$ 20,488	\$ 6,021	\$ 26,509	\$ 35,000
53600.340.51100 Operating Supplies	\$ 38,000	\$ 15,204	\$ 3,260	\$ 18,464	\$ 55,000
Total Office Overhead	\$ 492,500	\$ 276,719	\$ 63,640	\$ 340,360	\$ 595,610

EXPENSES - OPERATIONS:

Plant and Field Operations:

53600.350.43000 Electricity	\$ 380,000	\$ 258,936	\$ 91,394	\$ 350,330	\$ 399,000
53600.350.43500 Office Rental	\$ 77,112	\$ 57,951	\$ 19,278	\$ 77,229	\$ 80,583
53600.350.46000 Vehicle Repairs	\$ 40,000	\$ 14,392	\$ 7,701	\$ 22,093	\$ 40,000
53600.350.46200 Plant and Mechanical Repair	\$ 130,000	\$ 98,511	\$ 25,663	\$ 124,175	\$ 130,000
53600.350.46300 Generators Service Agreement	\$ 52,000	\$ 25,221	\$ 6,375	\$ 31,596	\$ 60,000
53600.350.46500 Fuel Expense	\$ 47,000	\$ 28,025	\$ 7,140	\$ 35,165	\$ 47,000
53600.350.46600 Repairs - Distribution/Collection Backhoe	\$ 150,000	\$ 104,398	\$ 40,716	\$ 145,114	\$ 150,000
	\$ -	\$ 1,343	\$ -	\$ 1,343	\$ -
53600.350.47300 Mowing/Grounds Maintenance	\$ 24,000	\$ 15,958	\$ 1,881	\$ 17,839	\$ 24,000
53600.350.47500 Chemicals and supplies	\$ 175,000	\$ 107,817	\$ 45,461	\$ 153,278	\$ 175,000
53600.350.47600 Laboratory and Testing	\$ 90,000	\$ 57,534	\$ 19,209	\$ 76,743	\$ 75,000
53600.350.47700 Sludge hauling	\$ 205,000	\$ 100,856	\$ 27,797	\$ 128,652	\$ 205,000
53600.350.49000 Non-recurring expense/Contingency	\$ 45,000	\$ 14,448	\$ 4,514	\$ 18,962	\$ 45,000
53600.350.49100 Misc., Sm. Tools & Equipment	\$ 18,000	\$ 6,772	\$ 1,914	\$ 8,686	\$ 18,000
53600.350.49600 Biosolids Disposal	\$ 55,000	\$ 40,242	\$ 13,181	\$ 53,423	\$ 56,000
53600.350.49700 Dues, Licenses & Subs.	\$ 12,000	\$ 2,034	\$ 6,410	\$ 8,444	\$ 12,000
53600.350.48000 Refuse	\$ 9,000	\$ 5,333	\$ 1,808	\$ 7,140	\$ 9,000
53600.350.50000 Safety	\$ 7,500	\$ 5,472	\$ 643	\$ 6,115	\$ 7,500
53600.350.49800 Cooperative Funding	\$ 60,000	\$ -	\$ -	\$ -	\$ 51,250

Total Plant and Field Operations	\$ 1,576,612	\$ 945,240	\$ 321,085	\$ 1,266,325	\$ 1,584,333
---	---------------------	-------------------	-------------------	---------------------	---------------------

Total Operating Expenses	\$ 4,195,527	\$ 2,667,968	\$ 827,233	\$ 3,495,201	\$ 4,584,424
---------------------------------	---------------------	---------------------	-------------------	---------------------	---------------------

Operating Income	\$ 4,061,609	\$ 5,230,523	\$ 1,805,597	\$ 7,036,120	\$ 4,574,060
-------------------------	---------------------	---------------------	---------------------	---------------------	---------------------

**Bay Laurel Center
Community Development District
Water and Wastewater Operating Fund Budget
Fiscal Year 2021**

Description	Adopted FY 2020	Actual 6/30/20	Projected Next 3 Months	Total Projected	Approved FY 2021
<u>DEBT SERVICE</u>					
51700.300.72000 Interest - 3/1	\$ 696,775	\$ 696,775	\$ -	\$ 696,775	\$ 682,675
51700.300.72000 Interest - 9/1	\$ 696,775	\$ 348,388	\$ 348,388	\$ 696,775	\$ 682,675
51700.300.71000 Principal - 9/1	\$ 940,000	\$ 705,000	\$ 235,000	\$ 940,000	\$ 970,000
Total Debt Service	\$ 2,333,550	\$ 1,750,163	\$ 583,388	\$ 2,333,550	\$ 2,335,350
Debt Coverage	174%			302%	196%
<u>OTHER SOURCES/(USES):</u>					
34300.300.00100 AFPI Charges	\$ 1,723,399	\$ 1,707,472	\$ 547,759	\$ 2,255,231	\$ 1,914,888
34300.300.50000 Meter Installations	\$ 174,096	\$ 189,693	\$ 61,373	\$ 251,066	\$ 193,440
53600.320.34500 AFPI Charges (WTP#3)	\$ (672,546)	\$ (711,647)	\$ (236,048)	\$ (947,695)	\$ (747,273)
53600.320.34400 Meter Installations	\$ (102,000)	\$ (180,032)	\$ (54,438)	\$ (234,470)	\$ (113,333)
53600.350.44000 Capital From Rates/CIP/Lease Payments	\$ (650,317)	\$ (502,380)	\$ (167,460)	\$ (669,840)	\$ (689,935)
53600.320.60100 Renewal & Replacement (5% Revenues)	\$ (405,607)	\$ (732,490)	\$ -	\$ (732,490)	\$ (450,674)
South Reclaim Golf Course	\$ -	\$ (172,652)	\$ -	\$ (172,652)	\$ -
Total Other Sources (Uses)	\$ 67,025	\$ (402,036)	\$ 151,186	\$ (250,850)	\$ 107,112
Net Income	\$ 1,795,084	\$ 3,078,324	\$ 1,373,396	\$ 4,451,720	\$ 2,345,822

**Bay Laurel Center
Community Development District
Renewal & Replacement Budget
Fiscal Year 2021**

Description	Approved Budget FY 2021
Revenues	
Transfer In - Operating Fund	\$ 450,674
Interest Income	\$ 500
Total Revenues	\$ 451,174
Expenditures	
WT - Misc Pump & Motor Repairs Replacements	\$ 33,075
WT - Misc Valve Repairs Replacements	\$ 22,050
WT - WTP No. 3 Switch Gear Update - PLC & HMI Controls	\$ 200,000
WT - WTP No. 3 Sodium Hypochlorite Pumps	\$ 16,000
WT - WTP No. 3 Sodium Hypochlorite Tanks	\$ 45,000
WT - Integrated Water Resource Master Plan	\$ 280,000
WD - Meter Replacements	\$ 78,750
WD - GIS Program (Software, Equipment, Development)	\$ 25,000
WD - Irrigation Meter Replacements	\$ 131,750
WD - Large Diameter Main Spare Parts	\$ 20,000
WD - Backflow Program	\$ 20,000
WD - Pipe Locator Replacement	\$ 9,600
WD - Ground Penetrating Radar (GPR) Replacement	\$ 26,000
WWC - Solids Analyzer - CEM Smart 6	\$ 15,000
WWC - Misc Pump & Motor Repairs Replacements	\$ 33,075
WWC - Misc Valve Repairs / Replacements	\$ 16,537
WWT - Misc Pump & Motor Repairs / Replacements	\$ 33,075
WWT - Misc. Valve Repairs / Replacements	\$ 22,050
WWT - NWWTF Land Acquisition	\$ 270,000
WWT - WWT Treatment Plant Design/Engineering	\$ 800,000
WWT - NWWTF Construction Cost	\$ 360,000
Vehicles - Vehicle wrap	\$ 4,000
Vehicles - New Truck No. 13	\$ 66,000
Vehicles - New Truck No. 14	\$ 66,000
Admin-Operating (Server) System Upgrade	\$ 20,000
Admin - SCADA Server Upgrades	\$ 10,000
Admin - SCADA Historian Server Upgrades	\$ 10,000
Admin - GIS Server Upgrades	\$ 10,000
Admin - Lobby Redesign	\$ 60,000
Admin - Computer Replacement	\$ 7,350
Admin - Laptop / Tablet(s)	\$ 10,000
Trench Box	\$ 20,000
Manhole Remediation	\$ 45,000
District Website Remodel/ ADA Compliance	\$ 6,000
Total Expenditures	\$ 2,791,312
Excess Revenues	\$(2,340,138)
Beginning Balance	\$ 2,599,030
Ending Balance	\$ 258,892

Bay Laurel Center
Community Development District
Water and Wastewater Fund Budget
Fiscal Year 2021

REVENUES:

Water and Sewer Revenue

Represents the estimated annual revenues for Water, Wastewater and Reuse billing that is based upon average historical billing, projected growth and rate increases.

Conservation

Represents the estimated annual revenues for conservation revenues based upon historical billing and projected growth.

Miscellaneous Revenue

Estimated annual revenues for various miscellaneous charges billed and collected by the District.

Interest Income

The District will invest surplus operating funds with SunTrust Bank and funds held by Trustee for Series 2011, Water and Sewer Revenues Bonds will be invested in the First American Prime Obligation money market fund.

Administrative:

Supervisors Fees

The Florida Statutes allows each supervisor to be paid per meeting, for the time devoted to District business and board meetings. The amount is based upon six meetings for the fiscal year.

FICA Taxes

Represents the Employer's share of Social Security and Medicare taxes for supervisors that are paid through District's payroll system.

Engineering

The District currently has multiple engineering firms providing various engineering related services.

Attorney

Legal Counsel:

<i>Colen & Wagoner P.A.</i>	
Mailing Address	77243 Bryan Dairy Road Largo, FL 33777
Telephone	(727) 545-8114
Fax	(727-545-8227

The District's legal counsel, Gerald Colen, will be providing general legal services to the District, e.g., attendance and preparation for monthly meetings, reviewing operating and maintenance contracts, etc.

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

Legal Counsel:

<i>de la Parte & Gilbert, P.A.</i>	
Physical Address	101 E. Kennedy Blvd, Suite 2000 Tampa, FL 33602
Telephone	(813) 229-2775
Fax	(813) 229-2712

The District's has currently entered into an agreement with, Ed de la Parte, providing council for permitting compliance with the Southwest Florida Water Management District.

Annual Audit

<i>Grau and Associates</i>	
Mailing Address	2700 N. Military Trail, Suite 350 Boca Raton, FL 33431
Email	www.graucpa.com
Telephone	(561) 994-9299
Fax	(561) 994-5823

The District is required to annually conduct an audit of its financial records by an Independent Certified Public Accounting Firm. The District hired Grau and Company to audit the financials records.

Dissemination Agent

The District is required by the Securities and Exchange Commission to comply the Rule 15(c)(2)-12(b)(5), which relates to additional reporting requirements for un-rated bond issues. The District has contracted with Governmental Management Services – Central Florida, LLC to provide these services.

Trustee Fees

The District issued Series 2011, Water and Sewer Revenue Bonds, which are held with a Trustee at U.S. Bank, N.A.. The amount of the Trustee fees is based on the agreement between U.S. Bank and the District.

Arbitrage

The District has contracted with LLS Tax Solutions, Inc., to annually calculate the District's Arbitrage Rebate Liability on the Series 2011, Water and Sewer Revenue Bonds.

Manager

The District receives Management, Accounting and Administrative serviced as part of a Management Agreement with Governmental Management Services- Central Florida, LLC.

Computer Time

The District processes all of its financial activities, e.g., accounts payable, financial statements, etc. on a mainframe computer leased by Governmental Management Services-Central Florida, LLC.

Telephone

Telephone and fax machine at District Managers office.

Postage

Mailing of agenda packages, overnight deliveries, correspondence, etc.

Printing & Binding

Printing and Binding agenda packages for board meetings, printing of computerized checks, stationary, envelopes, etc.

Insurance- Liability

The District's general liability, public officials liability and property insurance coverage are provided by the Preferred Governmental Insurance Trust.

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

Legal Advertising

The District is required to advertise various notices for monthly Board meetings, public hearings, etc. in a newspaper of general circulation.

Other Current Charges

Bank charges and any other miscellaneous expenses that are incurred during the year

Office Supplies

Miscellaneous office supplies

Dues, Licenses, & Subscriptions

The District is required to pay an annual fee to the Florida Department of Community Affairs of \$175. This is the only expense under this category for the District.

OPERATIONS

Personnel:

Salaries & Wages

The District currently has 22 employees that are responsible for operating, maintaining and administration of the Water, Sewer and Reuse system. The District currently utilizes ADP EzLabor for the actual time keeping of all employee's weekly hours. This information is then transferred into the ADP Run software for the processing of the weekly payroll.

The breakdown per each job classification is illustrated in the below table.

District Job Classification	# of Employees
Utility Director	1
Assistant Utility Director	1
Office Manager	1
Assistant Office Manager	1
Distributions & Collections Manager	1
Lead Utility Treatment Plant Operator	2
Utility Treatment Plant Operator	2
Distribution & Collections Operator	8
Utility Billing & Customer Solutions Specialist	5
<i>Current Employees</i>	22

Other Salaries & Wages

Employees will receive incentive pay, which consist of \$1,000 and/or \$500.00 dependent on the license obtained. Bonuses are available for certain years of service including (5, 10, 15 and 20 years of service). All incentive pay is processed through Payroll.

Unemployment Compensation

Cost paid to the State of Florida for unemployment compensation insurance.

Payroll Taxes

The District is required to pay matching payroll taxes such as Social Security and Medicare for each employee. The amount is based upon the estimated annual cost for Salary and Wages.

Retirement Contributions

The District has approved a 457(B) retirement plan that requires maximum employer contributions of up to 1.5% of total compensation based upon matching percentage contributed by eligible employees.

Workers Compensation

The District has Workers Compensation Insurance with to provide in accordance with statutory requirements.

Florida Insurance Alliance	
c/o CorVel Corporation	
Policy Number:	WC100118525

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

Health Insurance

Full time District employees are eligible for benefits on the 1st of the month following 60 days of employment. Employees are required to contribute a portion of their compensation towards health benefits received. The below listed providers and Policy Numbers are existing policies that went into effect as of 11/01/2019. The District's open enrollment period falls within the month of October and may be subject to change in provider and/or policy.

Provider	Policy Number	Insurance
Florida Blue	B0761 –Plan 14003	Health
Guardian	00472726	Dental and Vision
Mutual of Omaha	G00AK1Q	Life, Short and Long Term Disability
Colonial Life	E4907572	Supplemental policies: Cancer, Hospital Confinement, Accident, and Whole Life Insurance

Other Personnel Cost

Captures any expenses related to the District's payroll processor weekly administrative charge and any other miscellaneous personnel cost not specifically accounted for in other categories. The table shown on the next page illustrates the various items that fall into the line item of other personnel cost:

Other Personnel Costs - Summary	
Description	Amounts
Quantitative Fit Testing	\$2,720.00
Florida MVR Reporting	\$500.00
Holiday Party / Staff Lunches	\$4,250.00
Quarterly Safety Incentive	\$200.00
Holiday Employee Gift Card	\$1,000.00
GASB Audit	\$2,000.00
Labor Law Posters	\$2,500.00
Drug Screenings	\$150.00
Mileage	\$6,000.00
ADP Processor - Weekly Fees	\$2,100.00
ADP Processor - Annual W2 Fees	\$285.00
Employment Recruitment	\$15,000.00
Hotels/Per Diem/Travel	\$10,000.00
Contingency	\$3,475.00
Total	\$50,180.00

Education/Training

Cost related to classes and seminars, CEU's and certification renewals.

Bay Laurel Center
Community Development District
Water and Wastewater Fund Budget
Fiscal Year 2021

Uniforms

The District is contracted through Unifirst to provide the employees uniforms. Uniform schedule is shown on the following page.

Item	Amount
Uniforms	\$8,736.00
Coats	\$600.00
Polo Shirts - Administrative	\$1,200.00
Polo Shirts - Management	\$1,000.00
Polo Shirts - Operations	\$680.00
Hats	\$289.00
Safety Toe Footwear	\$2,550.00
Light Jacket	\$850.00
Contingency	\$1,095.00
Total	\$17,000.00

Office Overhead:

Communications

Represents cost for phone, fax and cable services for office and plant operations.

Administrative Costs

Various administrative costs such as printing (ARISTA) and other cost incurred for the day to day operations of the District.

Information Tech./Maintenance

The District has various computer systems for day-to-day operations of utility billing, financial statement reporting and utility plants. The following are listing of contractors and services provided:

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

IT BUDGET 2020-2021			
NAME	COMPUTER SYSTEM	Expires	Proj \$
COLOCATION AGREEMENT	\$1,240/per month		\$ 14,880.00
	Add Storage		\$ 1,000.00
DIGICERT CERTIFICATE FOR DOMA	2 year \$546 USD/year	3/28/21	\$ 1,200.00
WATCHGUARD FIREWALL	Annual Renewal-Comp. Gateway Security	2/1/21	\$ 2,886.86
QUESTINGHOUND	Barracuda Energize Updates for Barracuda Backup 390	4/30/21	\$ 1,464.75
	Barracuda Instant Replacement - Extended Service Agreeeme	4/30/21	\$ 1,779.75
	Barracuda Backup Server 390 Unlimited Cloud Storage	4/30/21	\$ 4,079.25
MITEL PHONE SYSTEM	Annual Maintenance Phone System		\$ 2,205.00
	Replacement phones for Phone System		\$ 3,150.00
SPAM TITAN CLOUD	Annual Spam Titan Cloud up to 50 email addresses		\$ 519.75
HOSTING ACCOUNT	blccdd.com	3/3/21	\$ 30.00
DOMAIN NAME RENEWALS	blccdd.com	7/29/21	\$ 30.00
	baylaurelccdd.com	7/29/21	\$ 30.00
	Bay-Laurel.com	7/29/21	\$ 30.00
	BayLaurelCenter.com	7/29/21	\$ 30.00
	BayLaurelPark.com	7/29/21	\$ 30.00
AUTOCAD LT	Commercial Subscription	2/19/21	\$ 888.59
WONDERWARE SOFTWARE	Support Program for the Wonderware Software / SCADA	8/30/21	\$ 28,000.00
GIS	GIS Annual Technical Support & Maintenance		\$ 5,788.13
ELEMENTS	Elements Annual Technical Support & Maintenance	1/31/21	\$ 8,500.00
	Elements Web Certificate (\$425.00)	9/25/21	\$ 463.25
ELEMENTS REPLACEMENT	Replacement software		\$ 21,000.00
CONTINENTAL	UMS Annual Maintenance & Technical Support		\$ 13,860.00
NEPTUNE	Neptune 360 Software		\$ 15,000.00
NATIONAL PAYMENT SOLUTIONS	Elockbox Pro / ACH - Monthly Fee		\$ 2,400.00
	Elockbox Transaction Fee @ .10 per item/month		\$ 1,800.00
	Annual Maintenance on check scanner		\$ 678.04
	ACH Transaction Processing Fees @ .14 per item / month		\$ 3,024.00
	AQ2/NPS Annual Maintenance & Technical Support		\$ 2,562.95
ARISTA	ARISTA Annual Maintenance & Technical Support		\$ 5,000.00
GMS	Set Fee for GMS		\$ 2,500.00
CISCO NETWORK SWITCH X2	Upgrade to Cisco 3850 at two office locations 48 port		\$ 7,900.00
SPARE MEDIA-CONV CHASSIS	Spare Signamax media chassis or inventory		\$ 900.00
AS NEEDED IT SERVICES			\$ 20,000.00
CONTINGENCY			\$ 2,000.00
		TOTAL	\$ 175,610.31

Postage (Utility Billing)

Postage cost for mailing of monthly utility bills, late notices, annual CCR reporting, vender payable checks, etc.

Rentals & Leases

The following rentals and leases are anticipated for the fiscal year:

Contractor	Services	Monthly	Annual
Florida Ice Machine Services, LLC	Ice Machine	\$117	\$1,404
Dex Imaging	Copier Lease	\$173	\$2,074
Document Technologies	Copier Lease	\$287	\$3,500
Contingency			\$8,022
Total			\$15,000

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

Insurance- Property, Plant, & Equipment

The District's current insurance policies related to the utility plant are summarized below:

Policy	Insurer	Coverage Limits
Property	Florida Property Alliance	\$15,999,033
Use & Occupancy	Florida Property Alliance	Included in the limit
Business Interruption	Florida Property Alliance	Included in the limit
Flood	Florida Property Alliance	\$5,000,000
Pollution and Tank Liability	Illinois Union National	\$1,000,000

Property Taxes

Projected annual property taxes for Water Treatment Plant #3 which is currently being leased by the District from the owner therefore not exempt from property taxes.

Year	Roll	Account Number	Status	Date Paid	Amount Paid	Estimated
2012	R	R35300-200003	Paid	11/1/2012	\$44,615	
2013	R	R35300-200003	Paid	11/01/2013	\$39,827	
2014	R	R35300-200003	Paid	11/01/2014	\$40,593	
2015	R	R35300-200003	Paid	11/01/2015	\$36,993	
2016	R	R35300-200003	Paid	11/01/2016	\$30,664	
2017	R	R35300-200003	Paid	11/01/2017	\$24,122	
2018	R	R35300-200003	Paid	11/01/2018	\$24,112	
2019	R	R35300-200003	Paid	11/01/2019	\$27,317.19	
2020	R	R35300-200003	Not Paid			\$35,000

Operating Supplies

Represents cost such as office supplies, binders, folders, paper towels, billing inserts, etc.

Plant and Field Operations:

Electricity

The District has numerous utility accounts with Duke Energy and Sumter Electric Company for the operations of the Utility System. The amount is based upon historical average cost for each account and contingency to account for fluctuations in usage, growth and potential rate increases by utility providers. In addition, the District has received notification that Duke Energy will be taking over all of the Sumter Electric accounts in our area within the near future. See worksheet on next page for additional details.

Bay Laurel Center
Community Development District
Water and Wastewater Fund Budget
Fiscal Year 2021

Bay Laurel Center CDD				
Electricity Schedule Calendar Year 2019				
Company	Account #	Location	2019 Cal Yr Total	2019 Cal Year Monthly Avg
Duke Energy	1510954507	8590 SW 97th Lane Road-LS #1	\$1,510.05	\$125.84
Duke Energy	3373717557	9676 SW 89th Ct Rd-LS #2	\$931.48	\$77.62
Duke Energy	4959445593	8675 SW 94th Street-LS #3	\$1,458.67	\$121.56
Duke Energy	8173327170	8457 SW 99th Street-LS #4	\$498.29	\$41.52
Duke Energy	7789688265	9170 SW 83rd Terrace-LS #5	\$1,270.23	\$105.85
Duke Energy	8518131389	8851 SW 90th Street-LS #6	\$10,237.52	\$853.13
Duke Energy	1863042201	9135 SW 94th Street-LS #7	\$2,439.20	\$203.27
Duke Energy	6580342129	9353 SW 98th Street-LS #8	\$714.88	\$59.57
Duke Energy	3900519176	9800 SW 96th Street-LS #9	\$1,041.94	\$86.83
Duke Energy	5198939422	9076 SW 96th Court Rd-LS #10	\$1,179.11	\$98.26
Duke Energy	7761853255	9673 SW 90th Street-LS #11	\$813.75	\$67.81
Duke Energy	4624388178	9985 SW 94th Street-LS #12	\$1,278.92	\$106.58
Duke Energy	8273059044	9182 SW 81st Court -LS #13	\$1,176.58	\$196.10
Duke Energy	4242233098	8222 SW 81st Loop-LS #14	\$1,389.02	\$115.75
Duke Energy	8783217405	8410 SW 90th Terr Rd-LS #15	\$555.92	\$46.33
Duke Energy	3209801331	7998 SW 90th Terr Rd-LS #17	\$911.27	\$75.94
Duke Energy	3405420414	8085 SW Hwy 200 - LS#21	\$412.78	\$34.40
Duke Energy	2672385252	9485 SW 80th Ave-LS #23	\$354.37	\$29.53
Duke Energy	3992805592	10149 SW 88th Lane Road - LS#25	\$922.03	\$153.67
Duke Energy	0695319503	9820 SW 100th Terrace Road - LS#27	\$758.21	\$63.18
Duke Energy	TBD	LS # 29 - Weybourne Landing	\$1,200.00	\$100.00
Duke Energy	TBD	LS # 3X - Longleaf Ridge	\$1,200.00	\$100.00
Duke Energy	TBD	LS # 3X - Kestrel	\$1,200.00	\$100.00
Duke Energy	7595337220	8851 SW 90th Street-WWTP HS Stations	\$40,222.04	\$3,351.84
Duke Energy	6977754444	8851 SW 90th Street - WWTP	\$78,656.48	\$6,554.71
Duke Energy	1782713367	8851 SW 90th Street-WWTP Pond 1	\$3,421.48	\$285.12
Duke Energy	7990316274	9050 SW 98th Street WTP #1	\$72,882.49	\$6,073.54
Duke Energy	7796964289	9490 SW 85th Terrace WTP #2	\$157.32	\$13.11
Duke Energy	8488719524	9269 SW 80th Street WTP #3	\$61,281.72	\$5,106.81
Duke Energy	6267578214	9269 SW 80th Street WTP #3 Well Field	\$30,261.37	\$2,521.78
Duke Energy	2426684257	9269 SW 80th Street WTP #3 Well 2 Field	\$13,254.53	\$1,104.54
		Subtotal for Duke Energy Accounts	\$333,591.65	\$27,974.19
SECO	7012311001	7998 SW 90th Terr Rd-LS #16	\$1,389.80	\$115.82
SECO	7011101702	6310 SW 89th Court Rd-LS #18	\$2,446.73	\$203.89
SECO	7012595602	10064 SW 79th Loop-LS #19	\$2,243.18	\$186.93
SECO	7012635902	6658 SW 97th Terr Rd-LS #20	\$1,939.16	\$161.60
SECO	9600380902	9175 SW 70th Loop-LS #22	\$1,401.85	\$116.82
SECO	9603745402	9058 SW 62nd Loop-LS#24	\$952.35	\$79.36
SECO	9604523402	7773 SW 86th Loop - LS #26	\$1,115.87	\$92.99
SECO	TBD	LS # 28 - Wellington	\$1,440.00	\$120.00
SECO	TBD	LS # 3X - Calesa Entrance	\$2,100.00	\$175.00
SECO	7011385601	Pond 2 Sprayfield	\$7,294.99	\$607.92
TBD	TBD	Future LS	\$1,200.00	\$100.00
TBD	TBD	Future LS	\$1,200.00	\$100.00
		Subtotal for SECO Accounts	\$24,723.93	\$2,060.33
		Contingency	\$40,684.42	
		Total for Utility Accounts	\$399,000.00	\$30,034.52

Bay Laurel Center
Community Development District
Water and Wastewater Fund Budget
Fiscal Year 2021

Office Rental

The District is leasing approximately 3,360 square feet of office space, located at 8470 SW 79th Street Road, Suite 3, Ocala, FL 34481.

BLCDD LEASE – SCHEDULE OF ADDITIONAL RENT ESTIMATED			
Lease Years	Minimum Rent	Additional Rent	Total Monthly Payment
April 1, 2018 through Sept 30, 2019	\$4,825.54	\$1,600.42	\$6,425.96
Oct 1, 2019 through Sept 30, 2020	\$4,825.54	\$1,600.42	\$6,425.96
Oct 1, 2020 through Sept 30, 2021	\$5,066.82	\$1,648.43	\$6,715.25
Oct 1, 2021 through Sept 30, 2022	\$5,066.82	\$1,697.88	\$6,764.70
Oct 1, 2022 through Sept 30, 2023	\$5,320.16	\$1,748.82	\$7,068.98

Vehicle Repairs

The District currently owns 14 vehicles that require ongoing maintenance for tires, oil changes, tune-ups, etc. The District has started to exchange some of the older vehicles once they started to reach approximately 150,000 miles based on their condition.

Unit #	Full VIN Number	Year	Vehicle Make	Vehicle Model
1	1FTEX1EB6KKD57725	2019	Ford	F-150 4x4
2	1FDRF3F64KEG07944	2019	Ford	F-350 4x4
3	1FD0X5H28JEC10675	2018	Ford	F550 4x4 S/C
4	1FDNF20LX3EB39632	2003	Ford	F-250
5	1FDRF3F66KEG07945	2019	Ford	F-350 4x4
6	1FTEW1E8XFFB98634	2015	Ford	F-150 4x4
7	1FTRF12W95NA31111	2005	Ford	F-150
8	1FDNF20525EA75493	2005	Chevrolet	F-250
9	1GBGC24R8YR221657	2000	GMC	2500 Reg Cab
10	1GDHC24284E287125	2004	Ford	2500HD
11	2FTRX18W94CA42476	2004	Ford	F-150 Heritage 4x4
12	1FTEX1EB8LFA73653	2020	Ford	F-150 4x4
13	TBD	2020	Ford	F-350 4x4
14	TBD	2020	Ford	F-350 4x4
	43ZDL21BXS0004043	2013	U-Dump	6 x 10 Trailer
	CMWFX30SP60000138		Mobile Equipment	2006 Ditch Witch Vac System
	1M9BE142XKA859019		Mobile Equipment	Jetter Trailer
	1F9TF1624KF440851		Mobile Equipment	Flat Deck Trailer
	1T9PH1511KP634050		Mobile Equipment	Thompson Pump Trailer
	5HZJ19231LK002105		Mobile Equipment	Vermeer Vac Unit LP873XDT
			Mobile Equipment	Trailer Mounted Caterpillar Model 3208 - 150 KW Diesel 480/240 Volt 3Phase
			Mobile Equipment	Trailer Mounted Caterpillar Model 3114 – 75 KW Diesel 240 Volt 3 Phase

Plant and Mechanical Repair

Represents estimated cost of supplies and labor for repairs to the Utility Plants. The amount is based upon historical cost.

Fuel Expense

The District purchases its fuel from Stone Petroleum on an as needed basis. This represents the estimated cost for fuel is to operate generators, vehicles and equipment. The amount is based upon historical averages, growth of the District and potential increases in fuel prices.

Repairs- Distribution/Collection

Represents estimated cost of repairs for utility lines, lift stations, pump stations, etc.

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

Generators Service Agreement

The District has numerous backup generators and potable generators for Utility Plant and Pump Stations and Lift Stations. Below table illustrates the estimated cost for annual preventative maintenance.

Ring Power	Make	Model	S/N	KW	VOLTS	Location	Contract Date	Expire Date	Projected
Emergency Generator	Caterpillar	3208	30A03486	150	240	9269 SW 80th Street	8/1/2016	8/1/2020	\$1,245.84
Portable Emergency Generator	Caterpillar	3114	6AF00352	75	240	9269 SW 80th Street	8/1/2016	8/1/2020	\$1,185.52
Lift Station 1	Olympian	D20-4	TNCB00413	20	240	8590 SW 97th Lane Rd.	8/1/2016	8/1/2020	\$1,038.20
Lift Station 3	Generac	5665560100	2084610	80	240	8675 SW 94th Street	8/1/2016	8/1/2020	\$1,185.52
Lift Station 5	Generac	5627770100	2084487	30	240	9170 SW 83rd Terrace	8/1/2016	8/1/2020	\$1,038.20
Lift Station 6	Caterpillar	D125	N6D02340	125	240	8851 SW 90th Street	9/3/2013	4/19/2021	\$1,000.00
Lift Station 7	Olympian	ONCD00655	ENCD00655	25	240	9135 SW 94th Street	8/1/2016	8/1/2020	\$1,038.20
Lift Station 8	Caterpillar	D40-4	CAT00C44LX14D	40	240	9353 SW 98th Street	8/1/2016	8/1/2020	\$1,038.20
Lift Station 9	Caterpillar	D25-G	CAT00C33CN3C00345	25	240	9800 SW 96th Street	8/1/2016	8/1/2020	\$1,038.20
Lift Station 10	Caterpillar	D25-G	CAT00C33CN3C00346	25	240	9076 SW 96th Court Road	8/1/2016	8/1/2020	\$1,038.20
Lift Station 11	Caterpillar	D25-8	GBE00755; ID# E10020-79	25	240	9673 SW 90th Street	9/29/2014	5/4/2022	\$825.00
Lift Station 12	Caterpillar	D30S	C33EN3C00533	30	240	9985 SW 94th Street	8/1/2016	8/1/2020	\$1,038.20
Lift Station 13	Caterpillar	D50-LC2	MTZ00378	50	480	9182 SW 81st Court	8/15/2017	8/15/2021	\$975.00
Lift Station 14	Caterpillar	D40-6	CAT0044TGDLO0158	40	240	8222 SW 81st Loop	8/1/2016	8/1/2020	\$1,038.20
Lift Station 15	Caterpillar	D50-6	E3L00859	50	240	8410 SW 90th Terrace Road	8/4/2019	8/4/2023	\$1,025.00
Lift Station 16	Caterpillar	D100-6	CAT00C44VD4B01561	100	240	8250 SW 79th Terrace Road	8/1/2016	8/1/2020	\$1,214.52
Lift Station 17	Caterpillar	D100-4	CAT00C44CN4E00807	100	240	7998 SW 90th Terrace Road	8/1/2016	8/1/2020	\$1,214.52
Lift Station 18	Caterpillar	D100-4	CAT00C44VN4E00839	100	240	6310 SW 89th Court Road	8/1/2016	8/1/2020	\$1,214.52
Lift Station 19	Caterpillar	D50-6	E3L00873	50	480	10064 SW 79th Loop	8/4/2019	8/4/2023	\$1,025.00
Lift Station 20	Caterpillar	D30-10	GBE00765	30	480	6658 SW 97th Terrace Road	5/4/2018	5/4/2022	\$825.00
Lift Station 22	Cummins	DSFAA-9091835	K110275369	35	480	9175 SW 70th Loop	4/19/2017	4/19/2021	\$825.00
Lift Station 24	Cummins	DGHDA50		50	480	9058 SW 62nd Loop	1/19/2016	1/19/2020	\$1,189.00
Lift Station 25	Caterpillar	D40-2LC	MTZ00453	40	480	10149 SW 88th Lane Road	5/4/2018	5/4/2022	\$975.00
Lift Station 26	Caterpillar	D40	CN300131	40	480	Indigo South	5/4/2018	5/4/2022	\$975.00
Lift Station 27	Caterpillar	D40	CN300155	40	480	Crescent Ridge III	5/4/2018	5/4/2022	\$975.00
Lift Station 28	Cummins	C40 D6		40	480	Wellington			\$1,038.20
Lift Station 29	Caterpillar	D40-LC2		40	480	Weybourne Landing			\$1,038.20
Lift Station 30				150	480	Earl Township			\$1,245.84
Lift Station 31				40	480	Longleaf Ridge			\$1,038.20
Lift Station 32				40	480	CHW Kestrel			\$1,038.20
Lift Station 33				40	480	Colesa Residential			\$1,038.20
WTP #3 (well field 1 & 2)	Caterpillar	C9	C9E01255/G6B14883	250	480	9269 SW 80th Street	8/1/2016	8/1/2020	\$2,150.64
WTP #3 (well field 3)	Caterpillar	C9	9E01256/G6B14874	250	480	9269 SW 80th Street	8/1/2016	8/1/2020	\$2,150.64
WTP #1	Caterpillar	3412	81Z17671/5NA09732	500	480	9050 SW 98th Street	8/1/2016	8/1/2020	\$2,408.16
WTP #3	Caterpillar	C32	SXC04072/G5602904	1000	480	9269 SW 80th Street	8/1/2016	8/1/2020	\$5,066.88
WWTP	Caterpillar	C15	TCSH00611/G6B012667	400	480	8851 SW 90th Street	8/1/2016	8/1/2020	\$2,178.48
Switch Gear Maintenance									\$13,340.00
Total									\$59,911.68

Mowing/Grounds Maintenance

The following cost related to mowing and grounds maintenance of District property.

Contractor	Description	Monthly	Annually
Richard Barkley Lawn & Care	Maintain District Property	\$2,000	\$24,000

Chemicals and Supplies

Represents the estimated cost for various chemicals utilized in the production of potable water and treatment of wastewater. The estimated amount is based upon historical cost, projected growth of the District and potential price increases from suppliers.

Laboratory and Testing

The District utilizes various companies to provide testing of water, wastewater and calibration of testing equipment. The amount includes \$29,550 estimated for Jones Edmunds quarterly ground water monitoring.

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

Sludge Hauling

The District uses American Pipe and Tank to provide sludge hauling service for the District’s Wastewater Treatment Plant. Also, included is estimated cost of \$30,000 to backfill areas of Center Line Road back to sludge field with double crushed lime rock two times per year.

Refuse

Estimated costs for refuse services to empty dumpster(s) twice weekly by Waste Management at both the locations of the Water Treatment Plant and Wastewater Plant is:

Contractor	Services	Monthly	Annual
Waste Management Inc.	Empty Dumpster	\$750	\$9,000

Non-recurring expense/Contingency

Unanticipated non-recurring or other cost not budgeted in other expense categories.

Misc. Sm. Tools & Equipment

District staff will be purchasing miscellaneous products, services, small tools and equipment throughout the fiscal year in order to properly maintain utility system.

Bio-solids Disposal

The District has entered into a License Agreement with On Top of the World Communities, Inc. for disposal of bio-solids on lands owned by On Top of the World Communities, Inc. The cost and performance under this license are detailed in the agreement and based on the FY CPI.

Safety

Purchase of any safety equipment designed to protect our employees within their normal job classifications while out in the field or at the plants. Examples of equipment could be but not limited to: cones, barricades, eye glasses and/or hearing protection, vehicle modifications to include strobe lights, hard hats and reflective gear, eye wash stations, chemical spill pillows, fire extinguishers, fall protection ground storage tank entry, lockout/tag out, and SCBA.

Dues, License, & Subs.

The following represents the estimated cost for license, membership subscriptions and permit renewals for the fiscal year:

Bay Laurel Center
Community Development District
Water and Wastewater Fund Budget
Fiscal Year 2021

Facility	Permit	Renewal Dates and Fees/Annual Fees	Agency
Public Water System	PWS 642-4619	Annual Operating License Fees for Public Water Systems 62-4.053 (due by July 1)	Florida Department of Environmental Protection
		Potable Water Storage Tank(s) Inspection 62-555.350 (2) Operation and Maintenance of Public Water System	Florida Department of Environmental Protection (FDEP)
		Finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, shall be checked at least annually to ensure that hatches are closed and screens are in place; shall be cleaned at least once every five years to remove biogrowths, calcium or iron/manganese deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida.	
	20 001156	Expires 10/28/2021	Southwest Florida Water Management District (SWFWMD)
WTP #3	Facility ID 9811265 STCM acct. # 64549	Annual Storage Tank Regulation Program (Fuel)	Florida Department of Environmental Protection (FDEP)
South WWTP	FLA 012683-017	Expires 10/27/2023	Florida Department of Environmental Protection
		Public Access Reuse Ground Storage Tank Inspection Not required by rule. We complete to insure tank integrity while inspecting the potable water storage tanks.	Florida Department of Environmental Protection (FDEP)
	42-QO-00354	Annual Operating Permit	Marion Co. Health Dept.
	Facility ID 9811254 STCM acct. # 64549	Annual Storage Tank Regulation Program (Fuel)	Florida Department of Environmental Protection (FDEP)

Permits	
Annual Drinking Water - DEP	\$ 6,000.00
Annual Storage Tank Regulation Program - DEP	\$ 75.00
Annual Operating Permit - Marion	\$ 150.00
Annual Storage Tank Regulation Program - DEP	\$ 25.00
Subtotal	\$ 6,250.00
Subscriptions	
Florida Rural Water Association	\$ 545.00
Water Environment Federation	\$ 131.00
AWWA - Utility Council	\$ 1,000.00
AWWA - Individual	\$ 209.00
FWPCOA	\$ 300.00
HR Specialist Employment Law	\$ 200.00
SHRM	\$ 400.00
Subtotal	\$ 2,785.00
License Renewals	
Employee License Renewals	\$ -
Backflow Renewals	\$ 600.00
Subtotal	\$ 600.00
Contingency	\$ 2,365.00
	\$ 12,000.00

Bay Laurel Center
Community Development District
 Water and Wastewater Fund Budget
 Fiscal Year 2021

DEBT SERVICE

Interest-3/1

Semi-annual interest payment due for District's Series 2011, Water and Sewer Revenue Bonds in accordance with attached amortization schedule.

Interest-9/1

Semi-annual interest payment due for District's Series 2011, Water and Sewer Revenue Bonds in accordance with attached amortization schedule.

Principal- 9/1

Annual principal payment due for District's Series 2011, Water and Sewer Revenue Bonds in accordance with attached amortization schedule.

OTHER SOURCES/(USES)

AFPI Charges

AFPI Charges (Allowance for Funds Prudently Invested) are collected for each new meter installed to fund the day-to-day operating cost of the utility. The charges are in accordance with utility rates adopted by the District.

Meter Installations

The District collects meter fees to cover the cost of each meter and installation in addition to the operating cost of the District. The fees are in accordance with utility rates adopted by the District.

AFPI Charges (WTP#3)

The District currently pays Water AFPI Charges collected by the District to the owner of Water Treatment Plant #3 (WTP#3). This cost is in accordance with the lease agreement between the District and the Owner.

Meter Installations

Represents the cost of meters installed for users of the utility system.

Capital From Rates/CIP/Lease Payments

Represents the lease payments made to the owner of Water Treatment Plant #3 (WTP#3) as follows:

Owner	Description	Monthly	Annually
Sidney Colen & Associations, LTD	Lease of WTP #3	\$57,495	\$689,935

Renewal & Replacement (5% Revenues)

The District remits monthly payments to Trustee for deposit into the Renewal and Replacement Account of the Series 2011, Water and Sewer Revenue Bonds in accordance with the Trust Indenture. The amount is based upon 5% of the annual budgeted operating revenues.

**Bay Laurel Center
Community Development District
Water and Sewer Revenue Bonds, Series 2011**

Period Ending	Principal	Annual Principal	Interest Rate	Interest	Annual Debt
3/1/12				\$604,032	
9/1/12	\$38,970,000	\$685,000	2.00%	\$782,200	\$2,071,232
3/1/13				\$775,350	
9/1/13	\$38,285,000	\$785,000	2.00%	\$775,350	\$2,335,700
3/1/14				\$767,500	
9/1/14	\$37,500,000	\$800,000	2.50%	\$767,500	\$2,335,000
3/1/15				\$757,500	
9/1/15	\$36,700,000	\$820,000	2.50%	\$757,500	\$2,335,000
3/1/16				\$747,250	
9/1/16	\$35,880,000	\$840,000	2.50%	\$747,250	\$2,334,500
3/1/17				\$736,750	
9/1/17	\$35,040,000	\$860,000	3.00%	\$736,750	\$2,333,500
3/1/18				\$723,850	
9/1/18	\$34,180,000	\$890,000	3.00%	\$723,850	\$2,337,700
3/1/19				\$710,500	
9/1/19	\$33,290,000	\$915,000	3.00%	\$710,500	\$2,336,000
3/1/20				\$696,775	
9/1/20	\$32,375,000	\$940,000	3.00%	\$696,775	\$2,333,550
3/1/21				\$682,675	
9/1/21	\$31,435,000	\$970,000	3.25%	\$682,675	\$2,335,350
3/1/22				\$666,913	
9/1/22	\$30,465,000	\$1,000,000	3.50%	\$666,913	\$2,333,825
3/1/23				\$649,413	
9/1/23	\$29,465,000	\$1,035,000	3.50%	\$649,413	\$2,333,825
3/1/24				\$631,300	
9/1/24	\$28,430,000	\$1,075,000	4.00%	\$631,300	\$2,337,600
3/1/25				\$609,800	
9/1/25	\$27,355,000	\$1,115,000	4.00%	\$609,800	\$2,334,600
3/1/26				\$587,500	
9/1/26	\$26,240,000	\$1,160,000	4.00%	\$587,500	\$2,335,000
3/1/27				\$564,300	
9/1/27	\$25,080,000	\$1,205,000	4.50%	\$564,300	\$2,333,600
3/1/28				\$537,188	
9/1/28	\$23,875,000	\$1,260,000	4.50%	\$537,188	\$2,334,375
3/1/29				\$508,838	
9/1/29	\$22,615,000	\$1,320,000	4.50%	\$508,838	\$2,337,675
3/1/30				\$479,138	
9/1/30	\$21,295,000	\$1,375,000	4.50%	\$479,138	\$2,333,275
3/1/31				\$448,200	
9/1/31	\$19,920,000	\$1,440,000	4.50%	\$448,200	\$2,336,400
3/1/32				\$415,800	
9/1/32	\$18,480,000	\$1,505,000	4.50%	\$415,800	\$2,336,600
2/1/33				\$381,938	
9/1/33	\$16,975,000	\$1,570,000	4.50%	\$381,938	\$2,333,875
3/1/34				\$346,613	
9/1/34	\$15,405,000	\$1,640,000	4.50%	\$346,613	\$2,333,225
3/1/35				\$309,713	
9/1/35	\$13,765,000	\$1,715,000	4.50%	\$309,713	\$2,334,425
3/1/36				\$271,125	
9/1/36	\$12,050,000	\$1,795,000	4.50%	\$271,125	\$2,337,250

**Bay Laurel Center
Community Development District
Water and Sewer Revenue Bonds, Series 2011**

Period Ending	Principal	Annual Principal	Interest Rate	Interest	Annual Debt
3/1/37				\$230,738	
9/1/37	\$10,255,000	\$1,875,000	4.50%	\$230,738	\$2,336,475
3/1/38				\$188,550	
9/1/38	\$8,380,000	\$1,960,000	4.50%	\$188,550	\$2,337,100
3/1/39				\$144,450	
9/1/39	\$6,420,000	\$2,045,000	4.50%	\$144,450	\$2,333,900
3/1/40				\$98,438	
9/1/40	\$4,375,000	\$2,140,000	4.50%	\$98,438	\$2,336,875
3/1/41				\$50,288	
9/1/41	\$2,235,000	\$2,235,000	4.50%	\$50,288	\$2,335,575
Total		\$38,970,000		\$30,823,007	\$69,793,007

SECTION B

SECTION 1

RESOLUTION 2020-05

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT ADOPTING A PROPOSED RATE SCHEDULE FOR WATER AND WASTEWATER IN ACCORDANCE WITH CHAPTER 190 FLORIDA STATUTES; PROVIDING AN EFFECTIVE DATE.

WHEREAS, section 190.035 Florida Statutes authorizes the Board of Supervisors of a Community Development District to prescribe, fix, establish, and collect rates, rentals or other charges, and to revise same from time to time; and

WHEREAS, the Board of Supervisors of the Bay Laurel Center Community Development District (the "District") has determined that it shall adopt this Resolution wherein a proposed rate schedule is established for the District; and

WHEREAS, the District has furnished notice of this Resolution as provided by law, and has also held a public hearing in accordance with the provisions of chapter 190 Florida Statutes;

WHEREAS, after due deliberation the Board of Supervisors has determined that the rates, fees or other charges set forth hereinafter are just and equitable and uniform for all users of the same class;

WHEREAS, the rate schedule referred to herein is attached as Exhibit "A" to this resolution and is fully incorporated herein;

NOW THEREFORE IT BE RESOLVED BY THE BOARD OF SUPERVISORS OF THE BAY LAUREL CENTER COMMUNITY DEVELOPMENT DISTRICT:

1. The proposed rate schedule that is attached as Exhibit "A" to this resolution is hereby adopted as and is now established as the rate schedule for the specific user classes as set forth in the said rate schedule.

2. That portion of this resolution relating to user fees shall be effective immediately upon its adoption by the Board of Supervisors of the District and shall be applicable to all user fees paid on or after the 1st day of October 2020.

PASSED AND ADOPTED THIS 18th DAY OF AUGUST, 2020.

Secretary/ Assistant Secretary

Chairman/Vice Chairman



**PROPOSED RATE SCHEDULE
OCTOBER 1, 2020 - SEPTEMBER 30, 2021**

		Water			Wastewater			Reclaimed Water		
		PROPOSED			PROPOSED			PROPOSED		
		2020-2021			2020-2021			2020-2021		
Customer Rates Residential										
- Monthly Base Facility Charge	5/8"	\$	14.48	\$	26.92	\$	6.45			
	3/4"	\$	21.72	\$	26.92	\$	9.68			
	1"	\$	36.20	\$	26.92	\$	16.13			
	1 1/2"	\$	72.40	\$	26.92	\$	32.25			
	2"	\$	115.84	\$	26.92	\$	51.60			
(Over 2" based on demand as determined by District staff)										
- Customer Account Charge (per Metered connection)		\$	2.87	\$	1.53	\$	-			
- Gallonage charge/1,000 gallons	First 7,500 gallons	\$	1.61	\$	6.29	\$	0.68			
	Over 7,500 to 15,000 gallons	\$	2.68	(Max 5,000 GPD)		\$	1.18			
	Over 15,000 to 20,000 gallons	\$	3.75	N/A		\$	1.87			
	Over 20,000 to 25,000 gallons	\$	7.10	N/A		\$	2.54			
	Over 25,000 to 30,000 gallons	\$	8.04	N/A		\$	3.07			
	Over 30,000 gallons	\$	10.71	N/A		\$	3.56			
Multi-Family										
- Customer Account Charge (per connection)		\$	2.87	\$	1.53	\$	-			
- Monthly Base Facility Charge (per unit and ERC)		\$	10.34	\$	24.23	\$	4.61			
- Gallonage charge/1000 gallons same as Single Family with each tier gallonage multiplied by the number of Units/ERCs										
Master-Metered Irrigation										
- Customer Account Charge (per connection)		\$	2.87		N/A		N/A			
- Monthly Base Facility Charge (per unit and ERC)		\$	14.48		N/A		N/A			
- Gallonage charge/1000 gallons same as Single Family with each tier gallonage multiplied by the number of Units/ERCs										
	First 15,000 gallons	\$	2.68		N/A		N/A			
	Over 15,000 to 20,000 gallons	\$	3.75		N/A		N/A			
	Over 20,000 to 25,000 gallons	\$	7.10		N/A		N/A			
	Over 25,000 to 30,000 gallons	\$	8.04		N/A		N/A			
	Over 30,000 gallons	\$	10.71		N/A		N/A			
Commercial/Non-Residential/Mixed-Use										
- Customer Account Charge (per connection)		\$	2.87	\$	1.53	\$	6.45			
- Monthly Base Facility Charge (per unit and ERC)		\$	14.48	\$	26.92	\$	-			
- Gallonage charge/1000 gallons same as Single Family with each tier gallonage multiplied by the number of Units/ERCs										
	First 6,000 gallons	\$	1.61	\$	6.29	\$	0.68			
	Over 6,000 to 12,500 gallons	\$	2.68	\$	6.29	\$	1.18			
	Over 12,500 to 17,500 gallons	\$	3.75	\$	6.29	\$	1.87			
	Over 17,500 to 22,500 gallons	\$	7.10	\$	6.29	\$	2.54			
	Over 22,500 to 27,500 gallons	\$	8.04	\$	6.29	\$	3.07			
	Over 27,500 gallons	\$	10.71	\$	6.29	\$	3.56			
Reuse Rates (Gallonage charge/1,000 gallons)										
	Bulk Pressured Reclaimed Rate		N/A		N/A	\$	0.98			
Fees Due at Meter Install Request										
AFPI (Per ERC)		\$	1,576.00	\$	2,434.00		N/A			

An ERC is equal to 350 gallons per day for water and 250 gallons per day for sewer. A single-family customer with a 5/8" meter equals 1 ERC.

Miscellaneous Charges	
Plan Review Fee (1)	\$183.00 + Cost*
Administrative Fee (2)	\$65.00 + Cost*
Construction Review Fee (3)(4)	\$65.00 + Cost*
Cross-Connection Inspection Fee	\$65.00 + Cost*
Backflow Preventer Maintenance Charge	\$65.00 + Cost*
Construction Meters	Cost of Equipment
Inspection Fee and/or Reinspection Fee (5)	\$125.00
Preliminary Charges	
Customer Deposit	
Residential Accounts	
Residential Accounts (10)	\$150.00
Commercial Accounts - (9)	Equivalent of 2.5 monthly statements based on the ERC* Count
Rental Accounts	\$150.00
Meter Installation	
Residential Service 5/8" Meter (6)	\$532.62
Commercial and All other sizes	at Cost*
Service Charges	
Normal Disconnection of Service	\$54.00
Normal Reconnection of Service	\$54.00
After Hours Normal Reconnection of Service	\$138.00
Violation Disconnection of Service	\$73.00
Violation Reconnection of Service	\$73.00
After Hours Violation Reconnection of Service	\$156.00
Premises Visit (In Lieu of Disconnect)	\$48.00
Grease Trap Non-Compliance Reinspection Fee	\$60.00 + Cost*
Grease Trap Surcharge	\$5.00
Meter Re-Read / Leak Inspection Fee	\$48.00
Meter Bench Test Fee	\$121.00 + Cost*
Meter Change Out Fee	\$129.00 + Cost*
Meter Tampering Fee	\$511.00
Data Logger	\$60.00
Administrative Charges	
Account Transfer Fee	\$25.00
Late Payment Charge (Greater of fixed fee or 1.5% of unpaid balance)	\$30.00
Returned Check Charges	
Face Amount less than \$50	\$25.00
Face Amount greater than \$50 but less than \$300	\$30.00
Face Amount greater than \$300 (Greater of 5% of face amount or fixed fee)	\$40.00
Other Miscellaneous Charges	
Unauthorized Utility Service Use - (Fine plus actual usage)	
First Offense	\$511.00
Repeated Offense	\$2,000.00
Fire Protection Rate Schedule	
Stand-by fire flow/year line size.	
2"	\$115.75
4"	\$361.73
6"	\$723.45
8"	\$1,157.52
Consumption Charge (Per 1,000 Gallons)	\$2.68
Labor	
Professional Personnel (7)	\$45.00 per hour
Administrative Personnel	\$25.00 per hour
Service Personnel (7)	\$25.00 per hour
Truck Charge (8)	Applicable IRS Rate
Supplies	at cost

- (1) A minimum advance of \$183.00 to be applied to Cost due upon request for status letter, conceptual review, and each revision/amendment to the same with actual Cost invoiced periodically.
- (2) A minimum advance of \$500 to be applied to Cost due upon submission of Property Questionnaire with actual Cost invoiced periodically and final Cost balance due prior to initial meter installation.
- (3) Advance of \$150 to be applied to Cost due upon start of construction with actual Cost invoiced periodically with final payment due prior to initial meter installation.
- (4) Inspection Overtime Rate \$100/hour with a minimum cost of \$300 for up to 3 hours payable in advance.
- (5) Charge levied to defray the cost of administering and monitoring a new connection to the distribution system before service is required. Also applies to the inspection of taps, irrigation systems and sewer laterals.
- (6) The charge shall be increased to cost if the cost of the materials and labor exceeds the amount listed.
- (7) Outside of regular operating hours labor will be charged at 1 1/2 times normal rate.
- (8) Charge levied in addition with Professional Personnel and/or Service Personnel labor charges.
- (9) *ERC's are calculated at time the service is requested and the commercial deposit is based on the initial ERC determination.
- (10) Residential deposits may be waived at the time of application with an acceptable letter of reference from another utility.
- *Cost means actual cost as invoiced to District by 3rd Party Provider/Vendor/Consultant.

SECTION IX

EVALUATION CRITERIA

RESPONDENT'S SCORE

1. Ability & Adequacy of Professional Personnel (Weight: 25 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Consider the capabilities and experience of key personnel within the firm including certification, training, and education.				
2. Consultant's Past Performance (Weight: 25 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Past performance for other CDD's / Government Organizations in other contracts; amount of experience on similar projects; character, integrity, reputation of respondent, etc.				
3. Geographic Location (Weight: 20 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Consider the geographic of the firm's location of the firm's office that will be assigned in relation to the project. The scoring shall be as follows: 20 points within 100 miles, 15 points if within 150 miles, 10 points if within 200 miles, 5 points if within 250 miles and 0 points if greater than 250 miles.				
4. Willingness to Meet Time & Budget Requirments (Weight: 15 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Consider the Consultant's ability and desire to meet time and budget requirements including rates, staffing levels and past performance on previous projects.				
5. Certified Minority Business (Weight: 5 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Consider whether the firm is a Certified Minority Business Enterprise. Award either all eligible points or none.				
6. Recent, Current & Projected Workloads (Weight: 5 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Consider the recent, current, and projected workloads of the firm.				
7. Work Previously Awarded to Consultant by the District (Weight: 5 Points)	Hydro Solutions	Jones Edmunds & Assoc.	Kimley - Horn & Assoc.	Wright - Pierce
Consider the quality of work previously submitted to the District and whether the project was completed on schedule.				
Total Score (100 Possible Points)				



HYDRO SOLUTIONS
CONSULTING | LLC

June 25, 2020

Kenneth D. Colen
Bay Laurel Center CDD, Chairman
8470 SW 79th Street Road, Suite 3
Ocala, FL 34481

Re: Request for Statement of Qualifications for Integrated Water/Wastewater Resource Master Plan

Dear Mr. Colen,

Hydro Solutions Consulting, LLC (HSC) is pleased to submit this statement of qualifications for the Integrated Water/Wastewater Resource Master Plan to the Bay Laurel Center Community Development District (BLCCDD) for the Integrated Water/Wastewater Resource Master Plan. BLCCDD needs a team that can provide technical planning, hydraulic modeling, and regulatory understanding to provide optimal solutions for future water supply needs. HSC's understanding of the environmental resource constraints and the development vision of the Bay Laurel Community, while remaining sensitive to the BLCCDD's budget and schedule constraints, will provide BLCCDD the best plan to meet your future needs. With our teams' past history working successfully with BLCCDD staff, knowledge of the BLCCDD system, relationships with governmental agencies that handle funding and permitting, the HSC team is the only team in such an optimal position to serve the BLCCDD. HSC is greatly interested in continuing to serve BLCCDD on this project and we would truly appreciate the opportunity to continue to work closely with your staff to deliver successful results.

HSC was founded in 2007 and is a certified Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE) focused on providing our clients the best possible value and highest level of professional planning, design, and permitting services. Our firm has taken a hands-on approach to serving clients, using creative and proven solutions while maintaining sensitivity to budget and schedule constraints by providing value through service.

Our team members have partnered with Florida municipalities for several years and have a unique understanding of your current design and project management methodologies, practices, and procedures. HSC also has a reputation for successful collaboration with regulatory agencies such as the State's water management districts and the Florida Department of Environmental Protection (FDEP). Our past working relationship with BLCCDD, coupled with our demonstrated history with regulatory agencies, will allow HSC to develop a cost-effective Integrated Water/Wastewater Resource Master Plan on schedule and within budget.

Our entire team is looking forward to hearing that BLCCDD is considering us for this contract and successfully working with the BLCCDD team and stakeholders. Feel free to contact me at rbeltran@hydrososc.com or call me at (863) 559-2471.

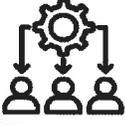
Best Regards,

Robert Beltran, P.E., BCEE
President

202 Lake Miriam Drive, E-1, Lakeland, Florida 33813

Table of Contents

Section 1 – General Information	5
Section 2 – Technical and Operational Capabilities	9
Section 3 – Firm History and Qualifications	27
Section 4 – Financial and Legal Status	45
Section 5 – Management and Organizational Approach	47
Section 6 – Insurance	51

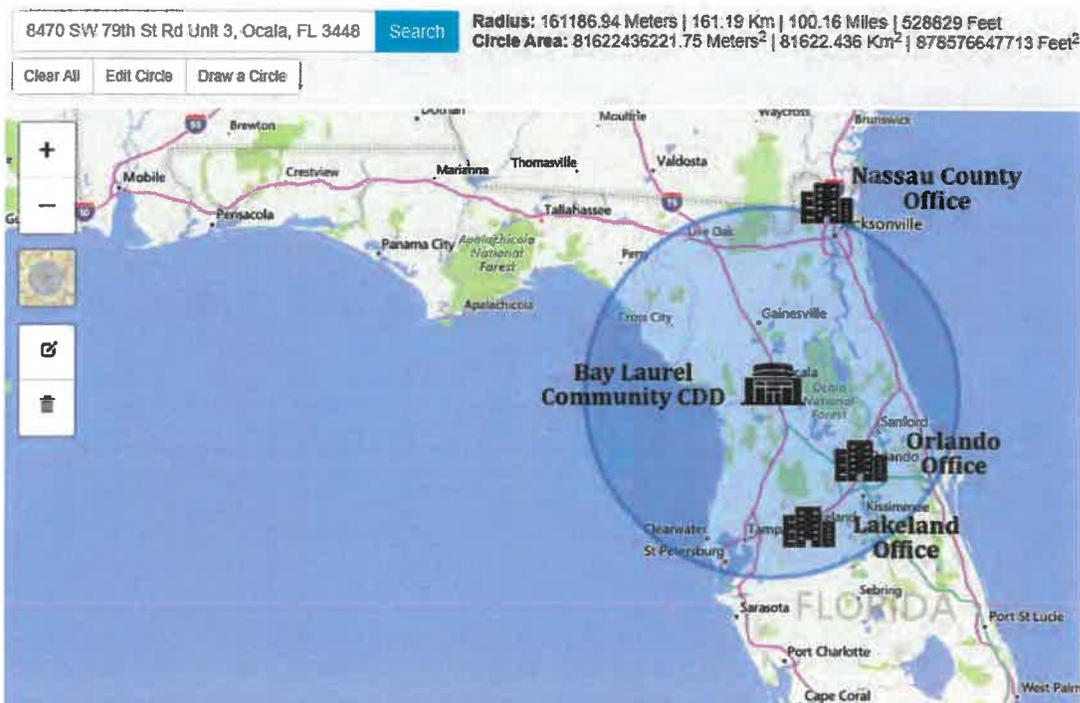
Evaluation Criteria	Section 1: General Information	Section 2: Technical and Operational Capabilities	Section 3: Firm History and Qualifications	Section 4: Financial and Legal Status	Section 5: Management and Org. Approach	Section 6: Insurance
Ability and Adequacy of Professional Personnel						
Consultant's Past Performance						
Geographic Location						
Willingness to Meet Time and Budget Requirements						
Certified Minority Business Requirements						
Recent, Current, and Projected Workloads						
Work Previously Awarded to the Consultant by The District						

Guidance table for evaluation criteria within each of the Sections of this RFQ.

General Information

Hydro Solutions Consulting, LLC (HSC) was founded in 2007 and is headquartered in Lakeland, FL. HSC is a certified Minority Business Enterprise (MBE) focused on providing our clients with the best possible value and the highest level of professional services (MBE certificate on page 5). HSC is led by Mr. Robert Beltran, P.E., BCEE, and has an experienced staff of engineers, scientists, and managers who are presented in this proposal. Over the years, HSC has expanded its operations across Florida with staff located in Orlando, Tallahassee, Nassau County, and Pasco County, and Hillsborough County. Since the founding of the firm, we have taken a hands-on approach to serving our clients, using creative and proven solutions while maintaining sensitivity to budget constraints by providing value through service.

HSC has assembled a highly experienced and qualified staff to perform services on the Bay Laurel Center CDD Integrated Water/Wastewater Resource Master Plan. The majority of the work will be performed out of the Orlando office with support from the Nassau County office, and staff located in Pasco and Polk Counties.



HSC provides a unique and efficient structure for the management of project tasks with emphasis on quality assurance of project work products. Our firm's success is a direct result of our corporate commitment to providing the highest level of responsiveness to our clients, using the best available and most appropriate engineering methods. On each work authorization, we seek to perform like an extension of our client's staff, providing the most cost-effective use of available resources. Regarding project implementation, we are widely recognized for our ability to complete projects in a timely, professional, and cost-effective manner.

General Information

The principal of our firm, Mr. Robert Beltran, PE, BCEE, will support the team for this project and will be assigned as Principal/Technical Advisor. Mr. Beltran has over 25 years of experience as a design professional, project manager and leadership in water resources engineering services. He is a former Executive Director of the Southwest Florida Water Management District (SWFWMD) where he led several water initiatives. While at SWFWMD, he was responsible for guiding the organization towards meeting its mission of managing and protecting natural resources, flood protection, water quality, and water supply.

Devan White, PE will serve as the project manager to lead the project. Ms. White has experience in master planning, alternative water supply, treatment process and design, permitting, and construction services. Since joining the firm almost five years ago, she has served as a project manager for four successful master plans for Polk County Utilities and the City of Tavares and is also serving as the manager for the Leesburg Wastewater Treatment Facility Upgrades project. 

Serving as the Client Liaison for this project will be Margie Lloyd. She began working with Bay Laurel Center CDD in solving compliance-related issues and is currently renewing the Bay Laurel Center CDD Water Use Permit with modifications. Ms. Lloyd has 35 years' experience in working with the Southwest Florida Water Management District (SWFWMD) on permitting, well construction, and compliance solutions. 

Working on the Integrated Water Planning for this project will be Scott Ethier, PE; Colson Marsh, EI; and Ricardo Jimenez, EI. Mr. Ethier will take the lead on demand projection and hydraulic modeling for this project, with support from Mr. Marsh/Jimenez. He has worked on numerous hydraulic models and multiple master plans throughout his career. Mr. Marsh and Mr. Jimenez will both assist the team in the improvement plans. Mr. Marsh has experience with master plans, as well as assisting with hydraulic models, and design. Assisting Ms. White and Ms. Lloyd in regulatory and permitting requirements will be Alba Más, PE. Ms. Más has over 30 years' experience working at SWFWMD where she held the position of Director for all the District Regulatory programs. Assisting in funding for this project will be Amy Tracy. Ms. Tracy has successfully provided funding assistance to secure over \$13 million in grants and \$325 million in loans.

HSC's philosophy is to provide value to our clients through service. Our team members have a unique understanding of water and wastewater design, natural systems development, and grant identification and administration. Our team also has a reputation for successful collaboration with regulatory agencies such as the SWFWMD, the SFWMD, and the Florida Department of Environmental Protection (FDEP). Our team's knowledge base coupled with our experience with integrated water resource projects will allow us to develop and design the most cost-effective project on schedule and within budget.

General Information

Office Locations

Orlando Office

111 N. Orange Ave. Suite 800
Orlando, FL
407-620-8545

Lakeland Office

202 Lake Miriam Dr. Suite E-1
Lakeland, FL 33813
863-559-2471

Nassau County Office

1417 Sadler Road #169
Fernandina Beach, FL
904-508-9839

MBE Certification

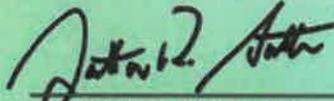
State of Florida

Minority Business Certification

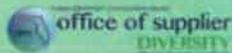
Hydro Solutions Consulting LLC

is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

02/13/2019 to 02/13/2021

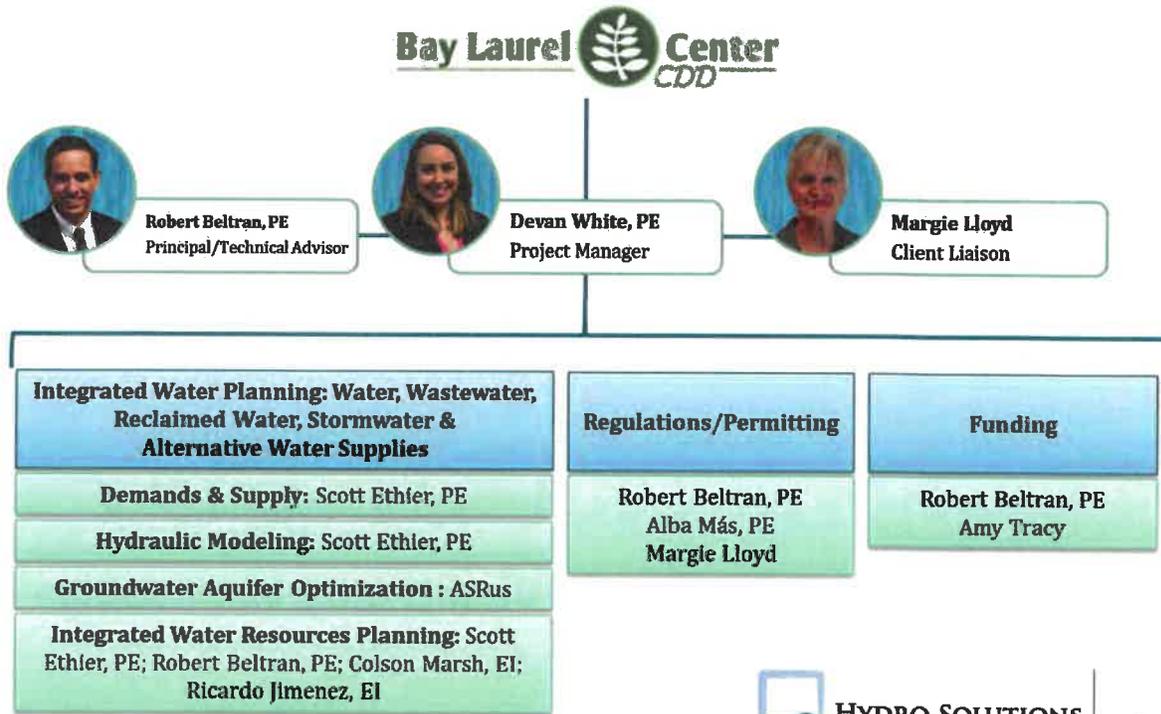


Jonathan R. Sattler, Secretary
Florida Department of Management Services



Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd

Technical and Operational Capabilities



Only Key Personnel Listed, Additional Support Staff Available

Team Capacity, Workload and Availability of Resources

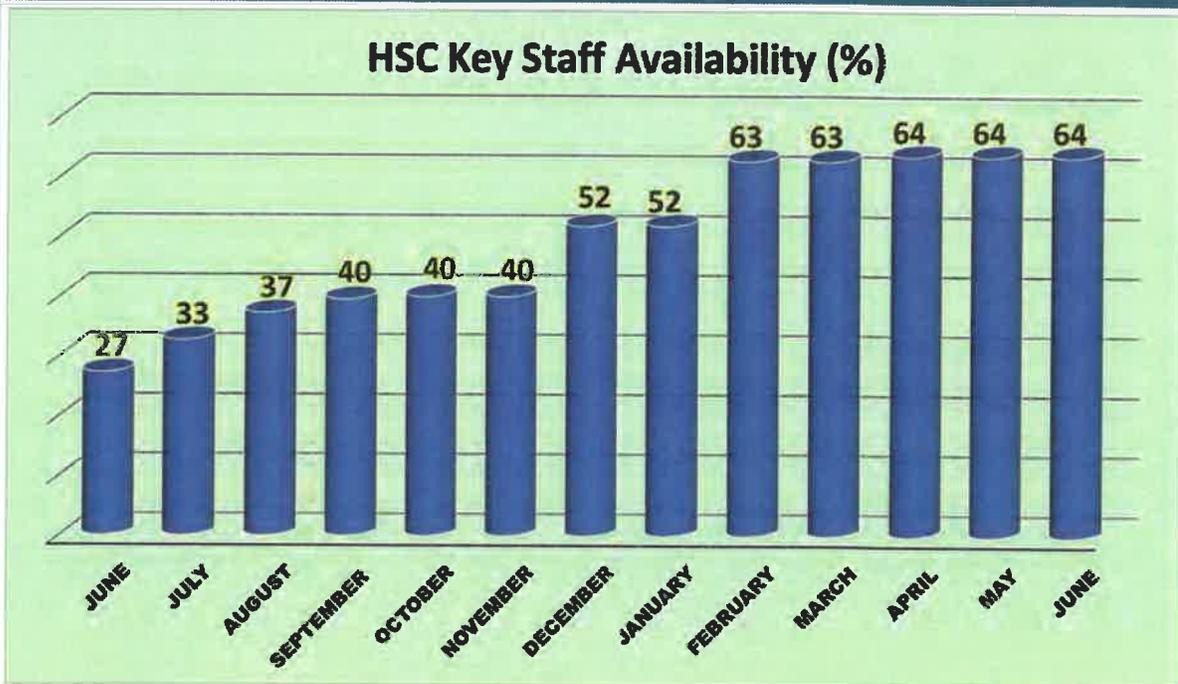
To confirm that HSC's workload commitments, both existing and projected, will allow our staff to seamlessly incorporate the Bay Laurel Center CDD Integrated Water/Wastewater Resource Master Plan, we completed an internal review (see Figure). Additionally, all of our proposed staff have worked together on previous projects and will be able to leverage their proven past project performance together and cross support each other on project tasks. This, combined with access to high level expertise with 90% availability and other support staff, allows HSC the opportunity to be highly accessible, flexible, and available to execute the project at our firm's high level of performance and provide value through service.

Firms' Quality Control Process

QUALITY ASSURANCE/QUALITY CONTROL PROGRAM (QA/QC)

The HSC Team monitors projects and performs QA/QC at multiple levels as part of the natural progress of work. The HSC Team has standard and rigorous QA/QC protocols used for all projects, as well as specific procedures that are tailored to fit each project. Internal task reviews will be scheduled at the beginning of the project. It is anticipated that the QC manager and QC reviewers are not directly involved in the project. Our quality control plan begins with development and review of individual project components followed by a review of the project in its entirety to ensure continuity.

Technical and Operational Capabilities



Note: Key Staff Includes: Robert Beltran, PE, Devan White, PE, Margie Lloyd, Scott Ethier, PE, Amy Tracy, Colson Marsh, EI, and Alba Mas, PE

Mr. Beltran, in coordination with the HSC Team, will ensure that the following approach is adhered to with regard to quality assurance: 1) A senior-level engineer with technical expertise relative to each element within the task assignment will review his/her respective discipline, 2) The project evaluations will be checked to minimize the potential for conflicts or omissions to occur.



Additional details for this process as specifically related to design, document control, and construction administration are as follows:

Design: During the design process, multiple levels of review will be performed at major project milestones, such as 30%, 60%, and 90% design. With Master Planning efforts, reviews of the demands and hydraulic modeling will be performed prior to developing improvements. Additionally, the draft report will be reviewed internally prior to distribution to Bay Laurel Center CDD and their stakeholders.

Document Control: The project manager is responsible for ensuring that all QA/QC documents are saved to the project folder including the file naming convention to maintain chain of custody. HSC retains deliverables and supporting materials for projects for five (5) years in a reasonably accessible location.

Devan White, PE

Project Manager

Mrs. White is a Project Manager and Project Engineer with around twelve (12) years of experience with projects in master planning, alternative water supply planning, treatment process, design, permitting, and construction services. She is also experienced in Client Management, acting as client liaison responsible for developing and maintaining relationships as well as communications for all projects between the firm and the client. Mrs. White has also worked on a variety of projects to provide engineering support for master plans and alternative water supply initiatives.

Project Experience

Polk County NERUSA Master Plan Update, Polk County, FL Project Manager for the update to the Northeast Regional Utility Service Area Master Plan. Directed the development of wastewater collection, transmission, treatment and disposal, included numerous modeling, treatment evaluation, and CIP planning tasks. Responsible for coordination with sub-consultants performing reclaimed master plan services, as well as coordination with the consultant hired by PCU under separate contract to perform water master planning services.

Master Plan for the Peninsula, Tavares, FL Project Manager for projects to predict water and reclaimed water demands and wastewater flows, perform hydraulic evaluation of the systems, as well as identify upgrades associated with incorporating the Peninsula Areas into the City water distribution, reclaimed water distribution, and wastewater collection systems. In addition, probable cost estimates for the upgrades were provided.

Polk Regional Water Supply Entity and Project Plan, Polk County, FL Project Manager for the formation of the Polk Regional Water Cooperative (PRWC) and water supply planning assessment documents. The project included coordination and evaluations for 17 municipalities. Provided assistance for the regional interlocal agreement, as well as a water supply assessment and project plan (Phase 1) to identify water supply projects that are potentially eligible for cooperative funding with the Water Management Districts.

ERUSA Master Plan, Polk County, FL Project Engineer for the update to the East Regional Utility Service Area Master Plan. Directed the development of water distribution, reclaimed water distribution, and wastewater collection, which included numerous modeling and CIP planning tasks. Additionally, accommodations for future alternative water supplies were taken into consideration during development of recommended future improvements.

Master Plan for the ISBA #1, Tavares, FL Project Manager for projects to predict water and wastewater flows, perform hydraulic evaluation of the systems, as well as identify upgrades associated with incorporating ISBA #1 and its surrounding areas into the City water distribution and wastewater collection systems. In addition, probable cost estimates for the upgrades were provided.



Education

M.S. & B.S. Environmental Engineering, University of Central Florida, 2006, 2008

Staff Location

Orlando

Years of Experience: 12

Professional Engineer Registrations:

Florida, No. 74656

Affiliations

Florida Water Environment Association (FWEA)

Florida Section American Water Works Association (FSAWWA)

Presentations

FWRJ 2014: CMAR Implementation for Water Treatment Plant Granular Activated Carbon Filtration Project

FSAWWA 2014: Largest Ozone and Granular Activate Carbon Groundwater Plant in Florida



Devan White, PE

Project Manager

Turnpike Wastewater Treatment Facility Upgrades, Leesburg, FL Project Manager for an expansion to the Turnpike WWTF. Upgrades include a new sequencing batch reactor, aeration system modifications, new decant pump station, new disk filters, new effluent transfer pump station, conversion from chlorine gas to sodium hypochlorite, new in-plant reuse pumps, and new sludge digesters.

Digested Sludge Pump at Canal Street Wastewater Treatment Plant, City of Leesburg, FL. Project Manager, Engineer, and Construction Engineer for minor upgrades at a wastewater treatment plant. Prepared plans, calculations, specifications, and cost estimates for plant upgrades, which include: a progressive cavity pump, piping, and concrete pad. Provide support services during the construction, including shop drawing review, construction oversight, and responses to RFIs for construction.

Clarifier Repairs at Canal Street Wastewater Treatment Plant, City of Leesburg, FL. Project Manager, Engineer, and Construction Engineer for repair of clarifier weir and launder boxes at a wastewater treatment plant. Prepared plans, specifications, and cost estimates for plant upgrades. Provided support services during the construction, including shop drawing review, construction oversight, and responses to RFIs for construction.

Cherry Hill Water Treatment Plant, Polk County, FL Project Engineer responsible for preliminary design, final design and permitting for a new greenfield 10.4-million gallon per day water facility that includes new raw water wells, updated water use permit, 1-million gallon pre-stress concrete storage tank, chemical storage, feed systems, high service booster pump station, and a new electrical building. Alternative water supplies were also investigated for the facility. Project is currently in the final design phase with construction estimated to start in 2020.

Dinner Lake South Storage and Booster Station, Polk County, FL. Project Engineer responsible for preliminary and final design, permitting services to modify an existing water production facility with a new 1-million-gallon pre-stressed concrete ground storage tank, booster pump station, disinfection system, associated electrical and instrumentation systems.

Robert Beltran, PE

Principal

Mr. Beltran is a professional engineer, with a master's degree in Engineering, and over 25 years of experience. Mr. Beltran's experience includes service as the Southwest Florida Water Management District (SWFWMD) Assistant and then Executive Director. In these roles, he worked on water policy and projects that helped form the foundation of key elements of the comprehensive water bill that passed into law in 2016. Other initiatives directed by Mr. Beltran while at SWFWMD; leading the solutions team for the Central Florida Water Initiative (CFWI) to ensure an adequate alternative water supply projects that overlap three water management districts; and chairing the Management Oversight Committee which set the path and direction until 2020 for the CFWI through the creation of the guidance document.

Project Experience

Executive Director of Southwest Florida Water Management District, Brooksville, Florida.

Provided leadership and guidance to a staff of 574 full time employees to meet the mission of the District in four key areas of responsibility; 1. Natural Resources, 2. Flood Protection, 3. Water Quality, and 4. Water Supply. Had direction interaction on key District initiatives, legislation, and interaction with local municipal leaders. During Mr. Beltran's tenure as Director, he worked with staff on key restoration and natural system projects such as Lake Hancock Wetland Treatment System and Rock Ponds Restoration Project. Mr. Beltran also worked closely with the District staff on the current evaluation system for cooperative funding and assessment of co-funded projects.

Bay Laurel Center Community Development District; Marion County, FL

Principal/Technical Advisor responsible to review the current compliance issues, review the existing data, assess the system, and provide a recommendation on how best to proceed to address the over pumping. HSC, the District, and the SWFWMD came to an agreement that a Water Use Permit renewal with modification will need to be submitted to address the compliance issues.

Bay Laurel Center Community Development District; Marion County, FL

Principal/Technical Advisor responsible for submitting a renewal with modification Water Use Permit application to the SWFWMD on November 12, 2019. The SWFWMD sent a Request for Additional Information (RAI) letter on December 12, 2019. HSC and the District are currently working together to address the questions/clarification and time extensions have been requested and granted to complete the response.

ERUSA Master Plan, Polk County, FL

Principal/Technical Advisor for coordination of the county's utility relocations with the Florida Department of Transportation (FDOT), the City of Lakeland, Polk County Transportation, and other private and public entities. In this role, Mr. Beltran served as an extension of county staff, managing other consultants as required to ensure successful relocations by the required dates. This effort involved the coordination,



Education

M.S. Environmental Engineering, Tulane University, 1995

B.S. Civil Engineering, Tulane University, 1994

Staff Location

Lakeland

Years of Experience: 25

Professional Engineer

Florida No. 53128

Certifications

Board Certified Environmental Engineer, American Academy of Environmental Engineers 03-10123

Affiliations

American Water Works Association (AWWA)

Florida Engineering Society (FES)

Water Environment Federation (FED)



Robert Beltran, PE

Principal

design, permitting and review of hundreds of miles of water, wastewater and reclaimed water pipelines in public and private properties.

Polk County Integrated Water Resources Program Management, Polk County, FL

Design Manager in the URS Program Management Team for Polk County Utilities (PCU). In the role, Mr. Beltran reviewed designs submitted by consultants to ensure that the components and intent were in compliance with PCU's standards and objectives. In this role he performed utility coordination and reviewed pipeline right of way corridors and reviewed and worked with the various design consultants on water, wastewater and reclaimed water projects.

McIntosh Park Water Master Plan Feasibility Study, Plant City, Florida.

Principal in charge and technical advisor for the assessment and quantification of available reclaimed water from the Plant City Water Reclamation Facility to deliver to the McIntosh Park Wetlands as a supplemental source of water to keep the system hydrated. This included population projections to forecast both demand and availability through the next 20 years. Other tasks include the conversation of the SWFWMD ICPR2 model into ICPR3 and include a groundwater mesh. After the model development was complete representative storms for both wet and dry periods were selected, and the 25-100-year storm events were completed to understand the existing conditions and partly calibrate the model. The model was then run for the design storm events for the proposed conceptual design.

Gibson Oaks Pipeline Polk County Utilities, Lakeland, FL

Principal in Charge responsible for preliminary and final design support. Plan and profile design of raw and potable water pipelines and pumping system. Roughly 34,000 linear feet of pipeline to loop potable water distribution systems and connect off-site water production wells to treatment facility. Project includes multiple directional drill locations including a roughly 1,400 linear foot directional drill under a large wetland area. Project is currently in the bidding phase with construction administration to follow.

Margie Lloyd

Permitting/Regulatory

Ms. Lloyd has thirty-five 35 years of experience. She retired from the Southwest Florida Water Management District (SWFWMD). She served on various committees (DEP, FARMS, WDAC, WMIS, etc.) and worked with Permittees, Consultants, Contractors, Counties, Cities, Water Management Districts, Florida Department of Environmental Protection, regarding permitting and compliance issues.

Project Experience

Bay Laurel Center Community Development District; Marion County, FL

Project Manager responsible to review the current compliance issues, review the existing data, assess the system, and provide a recommendation on how best to proceed to address the over pumping. HSC, the District, and the SWFWMD came to an agreement that a Water Use Permit renewal with modification will need to be submitted to address the compliance issues.

Bay Laurel Center Community Development District; Marion County, FL

Project Manager responsible for submitting a renewal with modification Water Use Permit application to the SWFWMD on November 12, 2019. The SWFWMD sent a Request for Additional Information (RAI) letter on December 12, 2019. HSC and the District are currently working together to address the questions/clarification and time extensions have been requested and granted to complete the response.

Northeast Regional Utility Services Area (NERUSA) Water Use Permit (WUP) 10-Year Compliance Report; Polk County, FL

Project professional responsible for collecting conservation efforts to document the savings created through conservation as well as the historical economic data to show how the slowdown in the economy as factors that have affected per capita demand. Rainfall data over the period of analysis was used to show dry and wet periods and how the per capita demand was impacted during wet and dry periods.

Southwest Florida Water Management District, Project Lead for all Compliance Related Issues.

Project Lead for four Business Process Technicians to ensure quality assurance, accuracy, completeness, and timeliness of workflow for the Water Use Permitting Compliance Section at the SWFWMD. Project Lead responsible for coordinating support to Permittee's and Consultants with compliance related issues and final resolutions. Worked with all Water Use Permitting staff on various Compliance tracking records in the E-Permitting database. Assists Permittee's and Consultants in completing permit renewal online and registering to view and upload data to the Permit Information Center. Created compliance tracking records in the E-Permitting database for all Water Use Permitting staff. Coordinated with Well Construction section to ensure the existence of proposed wells in the E-Permitting data are accurate.



Education

B.A., Human Resources Administration, St. Leo University

Staff Location

Pasco County

Years of Experience: 35

Affiliations

Florida Citrus Mutual
Polk County Farm Bureau



Scott Ethier, PE

Water Resources Engineer

Mr. Ethier is a professional environmental/water resources engineer with over 20 years of experience in hydrologic and hydraulic modeling, utility master planning, watershed management planning, floodplain determination and mapping, stormwater management system design, and permitting. Scott is proficient in GIS database creation and management as well as GIS analysis to support water resources projects.

Project Experience

East Regional Utility Service Area (ERUSA) Water and Wastewater Master Plan – Polk County Utilities, FL

Senior engineer responsible for developing the water and wastewater Master Plan for the “west” system of the ERUSA. Both the water and wastewater hydraulic models were recently updated and calibrated; future scenarios were developed through planning year 2040 and future infrastructure needs for the potable water and wastewater systems were evaluated. The potable water system was also evaluated to determine if regionalization/consolidating any or all of the six (6) WPFs is the most cost-effective approach to meeting future water demands. A prioritized capital improvement program was developed to provide current and future customers with public utilities that are capable of meeting the current adopted LOS and to accommodate future growth.

Northeast Regional Utility Service Area (NERUSA) Wastewater and Reclaimed Water Master Plan – Polk County Utilities, FL

Project engineer responsible for updating the wastewater portion of the 2007 NERUSA Master Plan. The existing model framework (force mains and necessary gravity mains), SewerGEMS V8i (SELECT series 4), was reviewed and updated to reflect current infrastructure. The future sanitary loads were updated in the model through planning year 2040 based on recent data from the Planning Department. A level of service (LOS) analysis was performed, and a prioritized capital improvement program was developed to provide current and future customers with public utilities that are capable of meeting the current adopted LOS and to accommodate future growth.

Water and Wastewater Master Plan for the Interlocal Service Boundary Agreement (ISBA#1) and Other Areas, City of Tavares, FL

Senior engineer responsible for preparing a hydraulic evaluation and Master Plan report for the proposed expansion of the City’s water distribution and wastewater collection service area(s). Project tasks included: developing existing and proposed water demand and wastewater flow projections, developing water and wastewater hydraulic models for the proposed distribution/collection system(s) expansion, identifying system upgrades associated with incorporating ISBA#1 and its surrounding areas into the City’s distribution/collections systems, and developing probable construction cost estimates.

Hydraulic Modeling and Support Services – Polk County Utilities, FL

Senior engineer providing in-house support (2 days per week) for the Capacity Engineer position. Support services included: review of proposed developments hydraulic calculations/models (water, wastewater, and reclaimed water); hydraulic assessments for CIP projects; providing simulated sanitary force main tie-in pressures for proposed developments; review, processing, and logging of permit and clearance application packages; hydraulic model



Education

B.S., Civil/Environmental Engineering, University of South Florida, 1997

Staff Location

Pasco County

Years of Experience: 20

Professional Engineer Registration:

Florida, No. 67660

Affiliations

Florida Water Environment Association (FWEA)

Publications

Hydraulic Performance of Conflict Junction Boxes – July 1996

Hydraulic Performance of Structures for Bridge Drainage – March 1997

Hydraulic Performance of Drainage Structures Phase I & II – November 1998



Scott Ethier, PE

Water Resources Engineer

updates; and stormwater management system inspections for compliance with ERP requirements.

Reclaimed Water Agreement Compliance and Reclaimed Water Distribution Optimization – City of Plant City, FL

Senior engineer responsible for the analysis of eleven (11) City identified sites for potential reclaimed water utilization to meet the measurable benefit(s) identified in the SWFWMDs funding contract as a result of the golf course closure. The sites were evaluated for either slow rate or rapid rate application systems of the excess reclaimed water, or for potable water offsets. The sites were ranked based on the following criteria: Reclaimed Water Application Quantity, Cost, Permitability, Schedule, and Potable Water Offset; seven sites were recommended for project implementation. As part of the analysis, a steady state reclaimed water hydraulic model was developed for the reclaimed water distribution system, utilizing Bentley WaterGEMS software, based on available GIS data, as-built data, and spatially allocated reclaimed water billing data.

Alafia River Watershed Management Masterplan Update – Hillsborough County, FL

Project manager responsible for all aspects of the WMP update for the Bell Creek, Fishhawk Creek, and North Prong Alafia River subwatersheds. The Alafia River watershed encompasses approximately 418 square miles in both Hillsborough and Polk Counties and was previously updated in May 2008 (known conditions through 2006). The hydrologic/hydraulic model was updated to the 2017 LiDAR and aerial imagery and converted to HC-SWMM 5 (modified EPA SWMM 5). Specific project tasks include updating the model and watershed geodatabase to adhere to the SWFWMD Guidelines and Specifications, calibrating and verifying the updated hydrologic/hydraulic model, re-mapping the 100-yr floodplain, analyzing the watershed level of service, re-evaluation of proposed capital improvement projects, and updating the WMP Report.

Elizabeth Avenue Stormwater Treatment Pond and Water Quality Improvements – City of Clearwater, FL

Lead engineer responsible for the conceptual design of a wet detention stormwater treatment pond to provide water quality and flood protection improvements in the Coastal Basin 3 Watershed. The project involved establishing the existing hydrologic and hydraulic conditions for the 164-acre urban drainage area using ICPR, analyzing the water quality and flood control benefits provided by the construction of the proposed stormwater treatment pond and collection system improvements, developing proposed alternatives and conceptual level opinion of probable construction costs, recommending appropriate water quality BMPs for this outfall, and developing a Basis of Design Report.

Alba Más

Regulations Permitting

Alba has worked in Florida, with the public and private sector, on stormwater, water supply, land planning and development projects. She has significant experience in permitting, design and project management. Ms. Más worked for 30 years at Southwest Florida Water Management District (SWFWMD) in the Regulatory division starting in the Environmental Resource Permitting (ERP) program and culminating as the Division Director for all the District Regulatory programs. In these roles, she worked on resolution of complex permitting issues and rule development for the ERP and Consumptive Use Permitting (CUP) programs as well as reducing review time frames.

Project Experience

Polk County Parks and Natural Resources Saddle Creek Audubon Hydrological and Ecological Restoration Feasibility Study, Polk County, Florida

This is a feasibility project to develop conceptual alternatives to improve water quality in Saddle Creek through routing low flows from Saddle Creek through the Audubon Property to receive water quality treatment prior to discharging back to the creek. Ms. Más has been the lead project engineer in the development of the opinion of probable cost and the refinement of three conceptual alternatives to improve water quality and hydrologic flows at the sites.

Regulation Division Director, SWFWMD

Led a group of 144 full time employees in meeting statewide rules for well construction, water supply and environmental resource permitting. During Ms. Más' tenure, she focused on reducing timeframes and increasing work efficiency. Among her innovative permitting solutions, she established a fast track permitting process for ERP reviews for the Villages; a multi county development whose construction capacity and needs was exceeding the permit.

Tampa Service Office Director, SWFWMD

Oversaw the ERP and CUP Regulation programs for Hillsborough and Pinellas Counties, providing guidance, and final approval for all permits and compliance. During her tenure Ms. Más oversaw the permitting of Tampa Bay Water's Consolidated Permit, Alafia River Withdrawal Permit and Brandon Wellfield, as well as significant multi-permit land development projects such as Westchase and Carillon and expansions to Tampa International Airport and MacDill Air Force Base. These large-scale permits required close work with the applicants to resolve complex permitting issues.

Tampa Regulation Engineer Manager, SWFWMD

As the engineer manager, Ms. Más provided oversight and guidance to the review engineers processing the ERP permits for Hillsborough and Pinellas counties, ensuring consistency and fairness in rule application. With her practical private sector design experience, she was able to guide many complex projects to satisfactory permitting solutions such as the extension of 49th St. North over Old Tampa Bay and the permitting of Veterans Expressway



Education

B.S. Civil Engineering,
University of South Florida,
1982

Bachelor of Landscape
Architecture, University of
Florida, 1977

Staff Location:

Hillsborough County

Years of Experience: 30

Professional Engineer

FL No. 38617

Amy Tracy

Funding

Amy Tracy provides water policy and technical expertise to executive leadership and senior environmental professionals to facilitate regulatory compliance and watershed restoration planning. She performs water resources program optimization. Project lead for applied water resources project planning, pollutant load calculations, and BMP retrofit alternatives, which typically involve multiple modeling components. Expertise includes briefing materials for executive leadership and elected officials. Experience includes presentations to Florida Legislature and consensus building in issues of water policy. She has successfully provided funding assistance to secure over \$13 million in grants and \$325 million in loans.

Project Experience

Clay County Utility Authority Funding Assistance, Clay County, FL

Ms. Tracy successfully supported the Authority to obtain \$3 million dollars in legislative appropriations for nutrient improvement project elements for Mid-Clay Wastewater Treatment Plant and Fleming Island Wastewater Treatment Plant. Ms. Tracy also assisted the Authority to obtain \$1.4 million in SJRWMD Cost-Share for Tynes Reclaimed Storage. In 2020, SJRWMD confirmed that CUA was selected for the Saratoga Springs Reclaimed Water Plant for \$900,570 in cost share funding. She was also instrumental in the Authority's efforts to receive an alternative water supply grant from the Florida Department of Environmental Protection (FDEP) for \$490,000 to cover the costs of the feasibility assessment of Direct Potable Reuse in the treatability study.

City of Leesburg Turnpike WWTF Funding Assistance, Leesburg, FL

Ms. Tracy supported the City to obtain \$1.4 million in SJRWMD Cost Share to make improvements to the City's Leesburg Turnpike WWTF and improve water quality. The improvements to existing flow through the construction of another biological treatment unit reduces 18,265 pounds of Total Nitrogen (TN) annually into Okahumpka Swamp and Little Lake Harris.

Polk Regional Water Cooperative Funding Plan, Polk County, FL

Ms. Tracy collaborated with the PRWC to develop and implement a comprehensive funding plan. She was team lead in the preparation of the Letter of Interest (LOI) to the EPA and was selected to apply for \$265 million dollars in loans from the Water Infrastructure Finance and Innovation Act to implement the Southeast Wellfields & Water Production Facility (WPF), the West Polk Wellfields & WPF, as well as the alternative water distribution system. Ms. Tracy also supported the PRWC in the submission of 2023 Facilities Plan to qualify for a DWSRF design loan.

City of Plant City McIntosh Preserve, Plant City, FL

Ms. Tracy supported city staff to complete the SWFWMD cost-share application for natural systems for \$600,000 30% design effort to cost share the McIntosh Preserve wetlands expansion and hydrological restoration project. The District awarded \$337,175 of cost share on that project element. Most recently she supported the City in the award for \$287,000 for the final design Ms. Tracy also supported the City in development of briefing materials to receive \$250,000 legislative appropriation in the 2018 session and we are awaiting the Governor's signature on the 2020 legislative session that included an additional; \$500,000 in appropriations.



Education

Master of Arts,
Quantitative Methods for
Geographers, Florida
Atlantic University, 2006

Bachelor of Arts,
Geographic Information
Systems, Florida Atlantic
University, 2004

Staff Location:

Nassau County

Years of Experience: 15

Affiliations

Florida WaterReuse
Association — Past
President

Florida Association of
Special Districts—Chair-
Membership

Florida Stormwater
Association



Amy Tracy

Funding

Polk County Utilities NWWWF Cost Share, Polk County, FL

Ms. Tracy supported the County in the SWFWMD cost share application for \$1.4 million to fund a DPR pilot demonstration project. The project benefit is to offset 1.5 MGD of groundwater pumping.

Moncrief Creek Stormwater Improvement Project Funding, City of Jacksonville, FL

Ms. Tracy supported grant application for SJRWMD cost share funding for City of Jacksonville. This project is to alleviate severe flooding and provide water quality improvement. Construction is slated for 2019. The City received \$1,186,350 from SJRWMD for this project.

Avondale Reuse and Stormwater Project Funding, City of Pompano Beach, FL

Ms. Tracy prepared grant applications to secure \$500,000 from FDEP in 319h funding for City of Pompano Beach Avondale Stormwater Improvement Project through the rehabilitation of swales and the addition of treatment to improve water quality into Pompano Canal. The project also includes the expansion of reclaimed water into Avondale neighborhood. The grant offset stormwater cost to help fund reclaimed water expansion.

No Road Stormwater Improvement Project Funding City of Jacksonville, FL

Ms. Tracy collaborated with 25 utilities, FWEA Utility Council, and WMD staff to propose language for FDEP Consideration for the expansion of beneficial reuse in Florida and proposed language included focus workgroup with utilities in the process or planning potable reuse projects and includes; City of Tampa, Hillsborough County, City of Clearwater, City of Altamonte Springs, JEA, and City of Daytona to discuss concerns and needs for a potable reuse regulatory framework.

Market Square Green Infrastructure Funding, City of Tallahassee, FL

Ms. Tracy supported city staff and FDEP to award \$500,000 in 319h funding to the City of Tallahassee for Market Square development to add green infrastructure for treatment and attenuation for stormwater runoff. Including bioswales, rain gardens, pervious pavement, and stormwater harvesting.

Year	Amount	Municipality	Funding Type	Project
FUNDING PROGRAMS				
2019	\$ 1,480,000.00	CCUA	SJRWMD Cost Sharing	Tynes Reclaimed Storage and Pump Station
2019	\$ 1,500,000.00	CCUA	Appropriations Funding	Mid-Clay Wastewater Treatment BTU
2019	\$ 1,500,000.00	CCUA	Appropriations Funding	Fleming Island Wastewater Treatment BTU
2020	\$ 900,570.00	CCUA	SJRWMD Cost Sharing	Saratoga Springs Reclaimed Water Storage
2020	\$ 1,500,000.00	CCUA	Appropriations Funding	Saratoga Springs Reclaimed Water Storage
2019	\$ 490,000.00	CCUA	Alternative Water Supply Funding	Treatability Study
2016	\$ 1,186,350.00	City of Jacksonville, FL	SJRWMD Cost Sharing	Moncrief Creek Project
2016	\$ 136,431.00	City of Jacksonville, FL	EPB Grant	Microbe Lift Pilot Project
2016	\$ 63,000.00	City of Jacksonville, FL	SJRWMD Innovative Cost Share	Microbe Lift Pilot Project
2020	\$ 1,400,000.00	City of Leesburg	SJRWMD Cost Sharing	Turnpike WWTF
2019	\$ 337,175.00	City of Plant City	SWFWMD Cost Sharing	McIntosh Park Integrated Water Master Plan
2020	\$ 287,175.00	City of Plant City	SWFWMD Cost Sharing	McIntosh Park Integrated Water Master Plan
2019	\$ 300,000.00	City of Plant City	SWFWMD Cost Sharing	IPR Feasibility/Pilot
2017	\$ 500,000.00	City of Pompano Beach, FL	319(h)	Avondale Reuse and Stormwater Project
2018	\$ 500,000.00	City of Tallahassee, FL	319(h)	Market Square Green Infrastructure
2018	\$ 1,400,000.00	Polk County Utilities	SWFWMD Cost Sharing	NWRUSA Reclaimed Recharge Project
	\$ 13,480,701.00	Funding SubTotal		
FINANCING PROGRAMS				
2019	\$ 325,000,000.00	PRWC	WIFIA Loan	SE & West Polk Wellfields and Transmision System
2020	\$ 387,000.00	PRWC	SRF Loan	SE & West Polk Wellfields and Transmision System
	\$ 325,387,000.00	Financing SubTotal		

Colson Marsh, EI

Water / Wastewater Engineer

Colson Marsh, EI has four years of experience and provides design support on a variety of projects including utility pipelines, GIS mapping and analysis, hydraulic modeling, water and wastewater treatment plants, water distribution systems, and wastewater collection and treatment.

Project Experience

East Regional Utility Service Area (ERUSA) Water and Wastewater Master Plan – Polk County Utilities, FL

Project Engineer responsible for providing hydraulic modeling support for the water and wastewater models for the West portion of the ERUSA service area. Modeling including looking at current and future scenarios through planning year 2040. Colson assisted in the development of the master plan report, identifying planned CIP projects, GIS figures depicting modeling conditions and results.

West Pipkin Road Widening Project Polk County Roads and Drainage, Lakeland, FL

Project Engineer responsible for utility coordination including but not limited to, submitting 811 design ticket, identify Utility Owners, making Utility Owner Contact, submitting design plans to Utility Owners, review of relocation plans, preliminary and individual field meetings, utility relocation schedule review, and certification and close-out.

US 17 and 9th Street Intersection Expansion Polk County Roads and Drainage, Lakeland, FL

Project Engineer for the 9th St. turn lane expansion, responsible for utility coordination including but not limited to, identify Utility Owners, making Utility Owner Contact, submitting design plans to Utility Owners, review of relocation plans, preliminary and individual field meetings, utility relocation schedule review, and certification and close-out.

Gibson Oaks Pipeline Polk County Utilities, Lakeland, FL

Associate design engineer responsible for preliminary and final design support. Plan and profile design of raw and potable water pipelines. Roughly 34,000 linear feet of pipeline to loop potable water distribution systems and connect off-site water production wells to treatment facility. Project includes multiple directional drill locations including a roughly 1,400 linear foot directional drill under a large wetland area. Project is currently in the 60% design phase with final design and construction administration to follow.

Cherry Hill Water Production Facility Polk County Utilities, Lakeland, FL

Associate engineer assisting with facility design, specifications, cost estimating, permitting, bid phase assistance, and CAD support of a 3.0 MGD WPF. Throughout preliminary and final design Colson provided design and CAD support for several onsite facilities including Well Pumps, HSP station and yard piping. Colson developed 3D Revit models and renderings for the HSP Station and Well Pumps.



Education

Bachelor of Science,
Environmental Engineering,
University of Central, 2015

Staff Location

Orlando

Years of Experience: 4

Engineer in Training

EIT FL #1100019754



Ricardo Jimenez, EI

Civil Engineer

Ricardo Jimenez, EI has three years of experience and provides design support on a variety of projects including water treatment plants, wastewater treatment plants, stormwater modeling, and site planning. Ricardo has provided engineering design support on a multitude of projects during his professional experience specifically but not limited to design, permitting, and construction services.

Project Experience

Water Treatment Plant #5 – City of Plant City

Design of a potable water treatment facility at a site with an existing well. Assisted with site layout, drainage, chemical facilities and equipment, and yard piping.

Central Bayshore South Neighborhood Improvements – City of Miami Beach

Roadway and utility improvements in a community critically affected by sea-level rise. Improvements included water main replacement, the lining of existing sewer mains, stormwater lift stations and roadway reconstruction.

Pump Station No. 0069 Relocation – Miami-Dade Water and Sewer Department (WASD)

Relocation and upgrading for a sanitary pump station receiving flows from mixed-use/commercial and residential areas. A relocation was necessary due to safety issues in the existing site. New location within the City of Miami right-of-way required relocating major utilities and designing for an increased base flood elevation.

St. Cloud Commons Shopping Center – Private Development

Land development project for an 86,000 SF shopping center on an existing agricultural site. The new use required a water main extension through a major FDOT road with directional drilling, a sanitary sewer extension, and a private on-site pump station. Best Management Practices for stormwater were critical to address contaminants from the previous use of the site.

Windmill Gate Road Roadway Improvements – City of Miami Lakes

Design to address vehicle circulation issues into an existing shopping center and adjoining residential communities. Improvements included new asphalt pavement sections, re-grading, improved signage and markings, and drainage relocation.

Miami-Dade County Empowerment Center – Miami-Dade County

Redeveloped an existing County site for a new 36,000 SF government facility. The proposed building required utility main extensions, and significant improvements to local roadways for site access.

NE 35th Ave Roadway Improvements – City of North Miami Beach

This project addressed safety concerns along the main access road in the Eastern Shores Island of North Miami Beach. This was achieved by reconstructing the existing roadway to mitigate the effect of sinking clay and peat soils, re-configuring pavement markings to include dedicated bicycle lanes, and rehabilitating sidewalk sections and curb ramps to ensure accessible ADA routes throughout the neighborhood.



Education

B.S. in Civil Engineering,
University of Miami

Staff Location

Lakeland

Years of Experience: 4

Florida Registered
Engineer (EI)

No. 1100021003

Professional Affiliations

American Society of Civil
Engineers

Florida Water
Environment Association



Firm History and Qualifications

HSC has been serving Florida, with a focus on central Florida, clients exclusively for 13 years. During this time, HSC has added a wide variety of projects to our portfolio, which combined with our staff's expertise, will allow us to serve Bay Laurel Center CDD on this important Integrated Water/Wastewater Resource Master Plan. These projects include Master Planning, Integrated Water Resource Planning, Alternative Water Supply Planning, Water Use Permitting, and Design of Water, Wastewater, Reclaimed Water, Stormwater. Below are a few examples of projects to highlight similar work that we can leverage for Bay Laurel Center CDD, followed by more detailed project descriptions to showcase our firm's similar work history for the requested previous five (5) year period.

"HSC HAS BEEN THE FIRM WE TURN TO FOR CRITICAL PROJECTS AND THEIR STAFF HAVE PROVIDED VALUABLE SERVICES IN THE DESIGN, PERMITTING AND CONSTRUCTION OF OUR PROJECTS"

Mark Addison, P.E.
Polk County Utilities

- Margie Lloyd, Robert Beltran, PE, and Scott Ethier, PE, have worked with Bay Laurel Center CDD to solve compliance related issues and navigate the Water Use Permit Renewal with Modifications. The experience and gained understanding of the Bay Laurel Center CDD system affords us expertise over other competitors. 
- Robert Beltran, PE has served as a trusted advisor for Polk County Utilities with regards to their Integrated Water Resource Master Planning for over 13 years. Combined with his experience gained while working at the Southwest Florida Water Management District, he can leverage his visioning to help Bay Laurel review their system with fresh eyes and on a wholistic basis.
- The Cherry Hill Water Production Facility project, which was worked on by Devan White, PE, Robert Beltran, PE, Scott Ethier, PE, and Margie Lloyd, had multiple integrated planning efforts and was not a typical Florida water treatment plant project. This project involved optimizing the County's groundwater withdrawals to match the predicted demands in the future, while managing environmental constraints in the area. As a result, the HSC team assisted with the revision of the County WUP reallocation withdrawals, while maintaining the overall limits. Additionally, the project involved planning for future alternative water supplies. This project shows not only the team's successful history of working together, but our ability to look at the wholistic view for a client's system.



Work with the District

Bay Laurel Center Community Development District - WUP Renewal with Modification



Client

Bay Laurel Center Community Development District (BLCCDD) Ocala, FL
 8470 SW 79th Street Road, Suite A
 Ocala, FL 34491 - 352-427-1291
 Kenneth D. Colen and Bryan Schmalz

Date of Completion

Ongoing

Design Cost

Estimated: \$179,035
 Actual: N/A

Team

Robert Beltran, PE | Margaret Lloyd | Scott Either, PE

Construction Cost

Estimated: N/A
 Actual: N/A

Description

Bay Laurel Center Community Development District (District) holds an active Water Use Permit (WUP) 20001156.012 for a permitted average annual WUP quantity of 2.55 MGD for public supply use and various uses of irrigation. On February 22, 2018, the District received a compliance letter from Southwest Florida Water Management District (SWFWMD) for over pumping their annual average WUP quantity. On March 20, 2018, the District engaged Hydro Solutions Consulting, LLC (HSC) to review the current compliance issues, review the existing data, and provide a recommendation on how best to proceed to address the over pumping. A case was discussed in meetings with staff from the District, HSC, and the SWFWMD in support of a Water Use Permit (WUP) renewal with modification although the permit is not due to expire until October 2021. The amount of effort and complexity of a modification of the permitted quantity would require as much or more work as a renewal of the permit. The District engaged HSC with a Scope of Services Agreement on October 16, 2018 to renew their WUP with modification. A renewal with modification Water Use Permit application was submitted to the SWFWMD on November 12, 2019. The SWFWMD sent a Request for Additional Information letter on December 12, 2019. HSC and the District are working together to address the questions/clarification and time extensions have been requested and granted to complete the response. To assist in the reuse credit and the per capita calculations, HSC will apply for a new Water Use Permit for irrigation for the hayfield that the District is not currently receiving reclaimed water credit. Also, a detailed review and matching of demands from the billing system (previous effort resulted in only a 60% match by flow) should be completed to identify both significant users and customers that may be over utilizing potable water to assist in bringing down the per capita use and help bring the District into compliance.

Keywords

Water Use Permitting | Hydrogeologic Modeling | Water and Environmental Conservation | Utility Customer Billing

Work with the District

Bay Laurel Center Community Development District- Water Use Permitting Compliance



Team

Robert Beltran, PE | Margaret Hagin | Scott Either, PE

Client

Bay Laurel Center Community Development District (BLCCDD) Ocala, FL
8470 SW 79th Street Road, Suite A
Ocala, FL 34491
352-427-1291
Kenneth D. Colen and Bryan Schmalz

Date of Completion

Ongoing

Design Cost

Estimated: \$15,000
Actual: N/A

Construction Cost

Estimated: N/A
Actual: N/A

Number of Change Orders: N/A

Description

Bay Laurel Center Community Development District (District) holds an active Water Use Permit (WUP) 20001156.012 for a permitted average annual WUP quantity of 2.55 MGD for public supply use and various uses of irrigation. On February 22, 2018, the District received a compliance letter from Southwest Florida Water Management District (SWFWMD) for over pumping their annual average WUP quantity. On March 20, 2018, the District engaged Hydro Solutions Consulting, LLC (HSC) to review the current compliance issues, review the existing data, and provide a recommendation on how best to proceed to address the over pumping. A case was discussed in meetings with staff from the District, HSC, and the SWFWMD in support of a Water Use Permit (WUP) renewal with modification although the permit is not due to expire until October 2021. The amount of effort and complexity of a modification of the permitted quantity would require as much or more work as a renewal of the permit. The District engaged HSC with a Scope of Services Agreement on October 16, 2018 to renew their WUP with modification. A renewal with modification Water Use Permit application was submitted to the SWFWMD on November 12, 2019. The SWFWMD sent a Request for Additional Information letter on December 12, 2019. HSC and the District are working together to address the questions/clarification and time extensions have been requested and granted to complete the response. To assist in the reuse credit and the per capita calculations, HSC will apply for a new Water Use Permit for irrigation for the hayfield that the District is not currently receiving reclaimed water credit. Also, a detailed review and matching of demands from the billing system (previous effort resulted in only a 60% match by flow) should be completed to identify both significant users and customers that may be over utilizing potable water to assist in bringing down the per capita use and help bring the District into compliance.

Keywords

Water Use Permitting | Compliance | Water and Environmental Conservation

Master Plan

NERUSA Wastewater and Reclaimed Water Master Plan



Client

Polk County Utilities, Lakeland, FL
 1011 Jim Keene Blvd.
 Winter Haven, FL 33880
 863-298-4214
 Nelson Stiles, P.E. (former)

Date of Completion

January 2016

Design Cost

Estimated: \$312,538.94
 Actual: \$312,538.94

Team

Devan White, PE | Scott Ethier, PE

Construction Cost

Estimated: N/A
 Actual: N/A

Number of Change Orders: N/A

Description

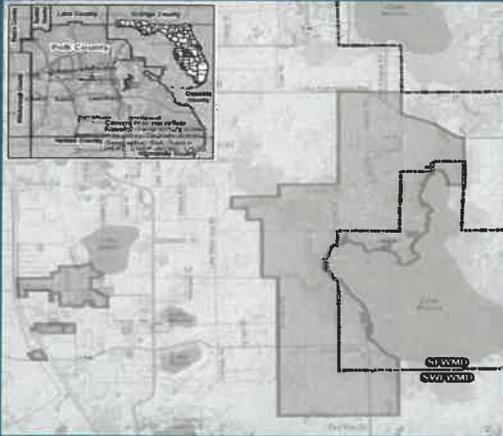
HSC provided a key role as prime consultant in this successful project. HSC updated the wastewater portion of the NERUSA Master Plan and coordinated with others to provide a combined Water, Wastewater, and Reclaimed Water Master Plan for the NERUSA. The scope included updating the respective hydraulic models and determining a list of improvements needed over the planning period. Polk County Utilities has six regional service areas. Hydro Solutions Consulting was responsible for performing and coordinating master plan services for the PCU NERUSA. HSC coordinated with multiple consultant firms (TetraTech, WSP Parsons Brinckerhoff and AquaSciTech Consulting) to produce a combined water, wastewater, and reclaimed water master plan. As part of the HSC contract the 2007 wastewater master plan was updated. The wastewater treatment facility and multiple lift stations in the NERUSA were visited and documented. The existing wastewater model framework (force mains and necessary gravity mains), SewerGEMS V8i (SELECT series 4), was reviewed and updated to reflect 2014 infrastructure. The future sanitary loads were updated in the model through planning year 2040 based on recent data from the Planning Department. A level of service (LOS) analysis was performed, and a prioritized capital improvement program was developed to provide current and future customers with public utilities that are capable of meeting the current adopted LOS and to accommodate future growth. The final report, developed in close collaboration with Polk County staff, identified improvements to the water distribution, wastewater collection and reclaimed water distribution for the County through 2040.

Keywords

Master Plan | Water | Wastewater | Reclaimed Water | LOS Analysis

Master Plan

ERUSA Water and Wastewater Master Plan



Client

Polk County Utilities, Lakeland, FL
1011 Jim Keene Blvd.
Winter Haven, FL 33880
Mark Addison, P.E.
863-298-4214

Date of Completion

January 2019

Design Cost

Estimated: \$183,389
Actual: \$170,600

Construction Cost

Estimated: N/A
Actual: N/A

Number of Change Orders: N/A

Team

Devan White, PE | Scott Ethier, PE | Colson Marsh, EI

Description

HSC provided a key role as prime consultant in this successful project. HSC updated the water and wastewater portion of the ERUSA Master Plan and coordinated with others to provide a combined Water and Wastewater Master Plan for the ERUSA. The scope included updating the respective hydraulic models and determining a list of improvements needed over the planning period. Polk County Utilities has six regional service areas. Hydro Solutions Consulting was responsible for performing and coordinating master plan services for the PCU ERUSA. HSC coordinated with WSP to produce a combined water and wastewater master plan. As part of the HSC contract the 2006 ERUSA Master Plan was updated. The wastewater treatment facilities and multiple lift stations in the ERUSA were visited and documented. An existing wastewater model framework (force mains and necessary gravity mains), SewerGEMS was updated to reflect 2017 infrastructure. The future sanitary loads were updated in the model through planning year 2040 based on recent data from the Planning Department. HSC evaluated regionalization options to combine both Waverly and East wastewater systems for a most cost-effective approach not meeting future flow conditions. The potable water system was evaluated and updated using an existing model, the system was evaluated for regionalization/consolidation of any or all the six (6) WPFs as a cost-effective approach to meeting future water demands. A level of service (LOS) analysis was performed, and a prioritized capital improvement program was developed to provide current and future customers with public utilities that are capable of meeting the current adopted LOS and to accommodate future growth. The final report, developed in close collaboration with Polk County staff, identified improvements to the water distribution and wastewater collection systems for the County through 2040.

Keywords

Master Plan | Water | Wastewater | Hydraulic Modeling | LOS Analysis

Master Plan

Tavares Water/Wastewater ISBA #1 Master Plan



Client

City of Tavares, FL
 Brad Hayes (Former Utility Director)
 1000 Captain Haynes Road
 Tavares, FL 32778
 352.742.6222

Date of Completion

February 2017

Design Cost

Estimated: \$45,559
 Actual: \$45,559

Construction Cost

Estimated: N/A
 Actual: N/A

Team

Devan White, PE | Scott Ethier, PE

Number of Change Orders: N/A

Description

The City of Tavares (City) and Lake County entered into an Interlocal Service Boundary Agreement (ISBA) to allow the City to incorporate areas of Lake County into the City's water and wastewater service area. The City is planning to add two (2) ISBA's to their current service areas. The City is planning to perform a Preliminary Design Evaluation to better understand and plan for improvements to the City's water and wastewater service area in order to incorporate the ISBA's into the existing City systems.

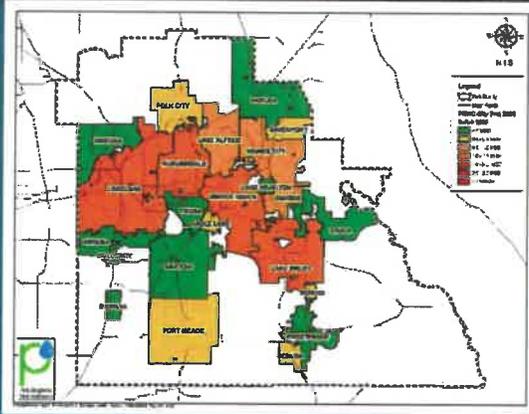
The overall goal for this Evaluation was to hydraulically evaluate the necessary facilities to extend the City's water, and wastewater services for the identified area. The plan was developed by estimating current and future water demands and wastewater flows. Next a hydraulic evaluation was performed on these utilities' systems that will connect to the City's existing systems, determining the current and future level of service. Based on the evaluation, future projects were developed to incorporate the new area along with associated costs to serve the long-term needs of the City.

Keywords

Master Plan | Demand Projections | Water | Wastewater | Hydraulic Modeling | Capital Improvements

Master Plan

Polk Regional Water Supply Entity & Project Plan (Phase 1)



Client

Polk County Utility
 Mark Addison, P.E., Utilities CIP Manager
 (863.370.3667)
 1011 Jim Keene Blvd.
 Winter Haven, FL 33880
 markaddison@polk-county.net

Date of Completion

May 2017

Design Cost

Estimated: \$190,522.50
 Actual: \$160,056.13

Construction Cost

Estimated: N/A
 Actual: N/A

Team

Devan White, PE

Number of Change Orders: 1

365 days to coordinate phase 1 & 2 Schedules

Description

To mitigate the risks associated with the limited resource, the municipalities within Polk County have identified the need to investigate alternative water sources to meet future water demands. In addition, recognizing the need for cooperation and to obtain higher priority on funding assistance, the municipalities formed a regional water supply entity. HSC provided assistance for the regional interlocal agreement, as well as a water supply assessment and project plan (Phase 1) to identify water supply projects that are potentially eligible for cooperative funding with the Water Management Districts.

The project team (HSC, WSP PB, ASTC) was selected to assist in the formation of a regional water supply entity and project plan in Polk County. Phase I of this project included producing a water supply assessment report and the formation of the water supply entity. The water supply assessment report documented the development of utility water supply deficits, criteria for selection of initial water supply projects for further investigation, and an implementation plan. The assessment was performed in cooperation with public water supply entities in Polk County. Other members of the technical group consisted of utility support staff, other supporting consultants, and lobbyists. The assessment contained utility specific information and reflected the items important to the public water supply entities in Polk County. The project team assessed the water supplies identified in various regional water supply plans and developing a shortlist of candidate projects to be further evaluated in Phase II. Guidance on incorporation of these water supply projects was also provided. In a parallel effort, and in addition to the technical support, the project team also provided services to the legal consultant to aid in the formation of the water supply entity called the Polk Regional Water Cooperative (PRWC). The PRWC is anticipated to be the entity that implements the identified alternative water supply projects identified in Phase I and further vetted as part of efforts by others in Phase II.

Keywords

Water Supply | Demand Projection

Master Plan

FL Peninsular Master Plan



Client

City of Tavares, FL

Date of Completion

Ongoing

Design Cost

Estimated: \$89,200

Actual: \$89,200

Construction Cost

Estimated: N/A

Actual: N/A

Team

Devan White, PE | Khalid Mehboob

Number of Change Orders: N/A

Description

The City of Tavares, Florida (City), is experiencing developmental growth within the Peninsula Area portion of their service area. Additionally, the City and Lake County, Florida have entered an Interlocal Service Boundary Agreement (ISBA) to allow the City to incorporate certain areas of Lake County into the City's service areas. These anticipated growths have led the City to consider expansion of their water, wastewater, and reclaimed water services. This expansion planning evaluation report (Report) was developed to evaluate infrastructure improvements required to incorporate the Peninsula Area within the City services boundary.

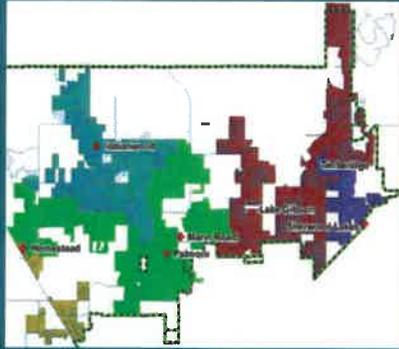
The overall goal for this Report is to hydraulically evaluate the necessary facilities to extend the City's water, wastewater, and reclaimed water services for the identified areas. The plan was developed by estimating current and future water demands, wastewater flows, and reclaimed water demands, performing a hydraulic evaluation of these utilities' systems that will connect to the City's existing systems, determining the current and future level of service, and developing future projects with associated costs to serve the long-term needs of the City.

Keywords

Master Plan | Water | Wastewater | Reclaimed Water

Water, Wastewater, & Stormwater

Polk County Utilities Hydraulic Demand and Flow Calibration



Team
Scott Ethier, PE

Client
Polk County Utilities
Krystal Azzarella
Utilities Environmental Manager
1011 Jim Keene Blvd.
Winter Haven, FL 33880
(863) 298-4195

Date of Completion
2019

Design Cost
Estimated: \$22,990
Actual: \$27,218

Construction Cost
Estimated: N/A
Actual: N/A

Number of Change Orders: N/A

Description

HSC was contracted by PCU to update the water demands, both existing and future, for PCU’s four Regional Utility Service Area water models (Northwest, Central, Northeast, and Southwest) using WaterGEMS v8i. Time and economic factors over the past several years have made the models overly conservative and outdated for the current and future conditions. In order for PCU to make sound engineering decisions on proposed developments and future CIP needs, there was a need to update the outdated water demands in the models with more current information and then to forecast future water demands to provide guidance of when and where CIP projects are needed.

The 2011 customer billing records were used as the basis for the existing water demand updates for each utility service area model. Data manipulation coupled with GIS techniques were utilized to spatially allocate the billing data. On average, between the four service areas, HSC was able to spatially allocate 98.4% of the total billing flow. ModelBuilder and/or LoadBuilder, tools incorporated within the WaterGEMS v8i software, were utilized to import the 2011 demands into the hydraulic model for each utility service area. During this process, the existing model network was compared to PCU’s water main GIS inventory; discrepancies were identified and resolved between HSC and PCU staff. This updated scenario is the 2011 base scenario for each utility service area model.

Scott Ethier, P.E., HSC Water Modeler, created a 2020 and 2030 scenario, for each utility service area model, based on an existing “future” scenario developed during the Master Plan. The projected water use demand was calculated over a 20-year period for each utility service area and incorporated into the models. Future demands were allocated utilizing the hierarchy established in the existing Master Plans.

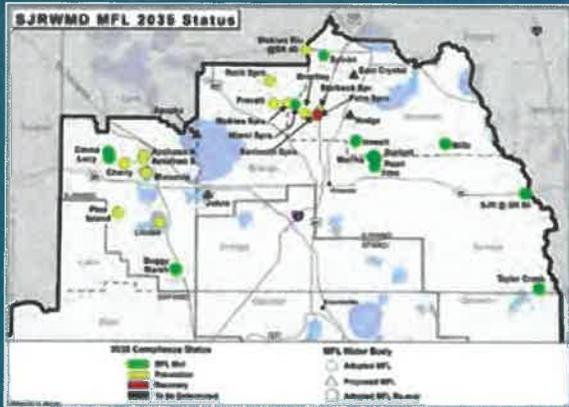
These updated models are a fundamental tool utilized to help make capital improvement projects (CIP) and permitting decisions. HSC has continued to support PCU to the initial deployment of the models. Mr. Ethier continues to work with the PCU staff to update the models and to project system capacity support.

Keywords

Potable Water Model | Wastewater Model

Water, Wastewater, & Stormwater

CFWI Recharge Site Screening Potential Investigation



Client

St. John's River Water Management District
Post Office Box 1429
Palatka, FL 32178-1429
Claire E. Muirhead, P.G.
386-312-2301

Date of Completion

September 2017

Design Cost

Estimated: \$35,000.00
Actual: \$35,000.00

Construction Cost

Estimated: N/A
Actual: N/A

Number of Change Orders: N/A

Team

Robert Beltran, PE | Scott Ethier, PE | Amy Tracy

Description

Hydro Solutions Consulting, LLC (HSC) assessed areas within the SJWMD's portion of the CFWI to identify potential parcels for recharge sites to offset impacts to Minimum Flows and Level (MFL) waterbodies from groundwater pumping. The recharge site evaluation included Seminole, Orange and Osceola counties and south Lake County within the SJWMD. The focus MFLs were those identified to need prevention/recovery strategies. The SJWMD portion of the CFWI area has fourteen waterbodies and springs for which MFLs have been adopted and are anticipated to be either in recovery or prevention.

The project identified and assessed areas for strategy projects with potential to develop and supplement prevention/recovery. HSC developed and conducted a Geographic Information Systems (GIS) screening methodology to identify recharge potential within the buffer threshold from a MFL or recovery/prevention waterbody. In the study area reclaimed water is fully committed and not an alternative water source for potential project. Stormwater became the primary source of Alternative Water Supply (AWS) for potential projects. GIS analysis then included the distance of Florida Department of Transportation (FDOT) District 5 (D5) stormwater ponds within Lake County to identified recharge parcels. Environmental assessment included the identification of nutrient impaired waterbodies, adopted Springs Total Maximum Daily Loads (TMDLs), and adjacent wetlands to potential projects. The evaluation included an understanding of the quality of stormwater and the considerations of water quality of both the source water and the receiving waterbodies.

Keywords

TMDLs | MFLs | Recharge Sites | Stormwater | GIS Analysis | Water Quality

Water, Wastewater, & Stormwater

Elizabeth Ave Stormwater Treatment Pond



Client

City of Clearwater, Florida
 100 South Myrtle Avenue
 Clearwater, FL 33756-5520
 Robert Johnson, P.E.
 727-562-4750

Date of Completion

October 2014

Design Cost

Estimated: \$17,767
 Actual: \$17,767

Team

Scott Ethier, PE

Construction Cost

Estimated: N/A
 Actual: N/A

Number of Change Orders: N/A

Description

Conceptual design of a wet detention stormwater treatment pond to provide water quality and flood protection improvements in the Coastal Basin 3 Watershed. The project involved establishing the existing hydrologic and hydraulic conditions for the 164-acre urban drainage area using ICPR, analyzing the water quality and flood control benefits provided by the construction of the proposed stormwater treatment pond and collection system improvements, developing proposed alternatives and conceptual level opinion of probable constructions costs, recommending appropriate water quality BMPs for this outfall, and developing a Basis of Design Report.

Keywords

ICPR Model | Stormwater | BMPs | Hydrologic | Hydraulic | Drainage | Water Quality | TMDL | Nutrient Load Reductions | Load Calculations

Water, Wastewater, & Stormwater

McIntosh Park Feasibility Study



Client

City of Plant City, Florida
1500 Victoria Street
Plant City, FL 33563
Lynn Spivey
813-757-9190

Date of Completion

November 2019

Design Cost

Estimated: \$57,700
Actual: \$57,700

Construction Cost

Estimated: \$8.1 Million
Actual: N/A

Number of Change Orders: N/A

Team:

Robert Beltran, PE | Amy Tracy | Scott Ethier, PE | Kevin Albrecht, PE

Description

The assessment and quantification of available reclaimed water from the Plant City Water Reclamation Facility to deliver to the McIntosh Park Wetlands as a supplemental source of water to keep the system hydrated. This included population projections to forecast both demand and availability through the next 20 years. Other tasks include the conversation of the SWFWMD ICPR2 model into ICPR3 and include a groundwater mesh. After the model development was complete representative storms for both wet and dry periods were selected, and the 25-100-year storm events were completed to understand the existing conditions and partly calibrate the model. The model was then run for the design storm events for the proposed conceptual design.

In the initial data review of the City's QBEL data and then data collected post construction of the original alum treatment system, there was very little actual flow data and stage information with few measurements then interpolated. Rather than rely on this very little data for a flashy system with a chronic history of flooding, HSC recommended the risk management of incurring additional cost to collect measure flow data for H&H Model calibration through a separate contract.

Keywords

QBEL | ICPR | H&H Model | Groundwater | Regional Stormwater System | Water Quality | Wetlands | Load Reduction Calculation | Nutrient Load Reduction | TMDL

Water, Wastewater, & Stormwater

Leesburg Turnpike Wastewater Treatment Facility



Client

City of Leesburg
 DC Maudlin, Public Works Director
 501 W. Meadow Street
 Leesburg, FL 34748
 Dc.maudlin@leesburgflorida.gov
 352.435.9442

Date of Completion

Ongoing

Design Cost

Estimated: \$788,020
 Actual: N/A

Construction Cost

Estimated: N/A
 Actual: N/A

Number of Change Orders: N/A

Team

Devan White, PE | Robert Beltran, PE | Colson Marsh, EI

Description

The City of Leesburg, FL owns and operates the Turnpike Wastewater Treatment Facility (Turnpike WWTF). Due to anticipated increased flows and reclaimed water demands associated with the proposed developments within area and through agreements with other utilities, the City contracted HSC to upgrade the Turnpike WWTF capacity. HSC was selected to provide services to determine the capacity needed for the next twenty years and design the upgrades needed to accommodate the new capacities at the Turnpike WWTF.

A large increase in wastewater flows associated with an agreement with South Sumpter Utility Company and proposed developments are driving the need to increase the facility capacity. This large increase in flows in a short timeframe will require an initial interim expansion to accommodate anticipated capacity requirements, with a second larger expansion anticipated for future development. Therefore, the project will be completed in two phases.

Phase 1 will contain the capacity analysis, basis of design, design documents and construction services for the expansion from 3.0 million gallons per day (mgd) to 4.5 mgd. The capacity analysis will help the City determine the wastewater capacity needs for their entire wastewater system, not just the size of the Turnpike WWTF. With this holistic view the City will be able to optimize plant expansions. Phase 2 of the project will be to perform design and construction services for the Turnpike WWTF expansion size selected during Phase 1.

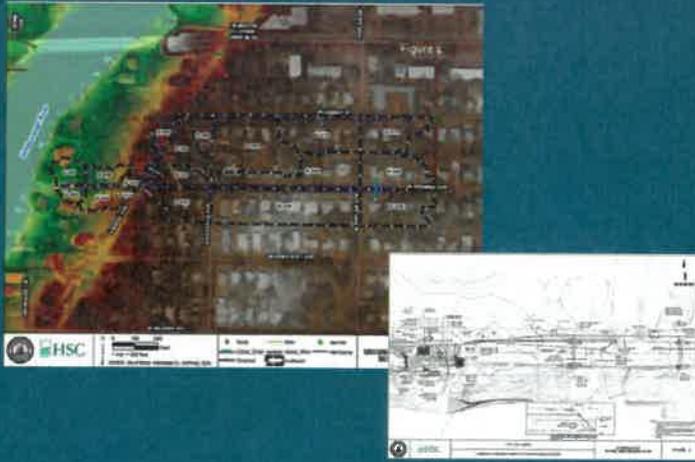
Key design elements of the project include schedule, optimizing the ultimate capacity by verifying initial buildout capacities during Phase 1, and maintaining facility operations during construction.

Keywords

Wastewater | Reclaimed Water | Design | Construction

Water, Wastewater, & Stormwater

Virginia Avenue Pump Station Rehabilitation Preliminary Design



Client

City of Tampa, FL
Daniel Rivera, P.E., City of Tampa
Wastewater Department (813.274.8934)
2545 Guy N. Verger Blvd.
Tampa, FL 33605
Daniel.Rivera@tampagov.net

Date of Completion

March 2020

Design Cost

Estimated: \$37,961
Actual: \$29,644

Construction Cost

Estimated: N/A
Actual: N/A

Number of Change Orders: None

Team

Mike Pekkala, PE | Scott Ethier, PE | Alba Más, PE, | Colson Marsh EI

Description

The Virginia Ave. wastewater pump station was originally constructed as a pneumatic ejector station in 1954. The ejector station was located in a brick and mortar manhole at the end of Virginia Ave. at its termination on the east bank of the Hillsborough River, and discharged through a 6-inch cast iron force main to the east, into the City's gravity sewer system. The station is located in the right-of-way of Virginia Ave.

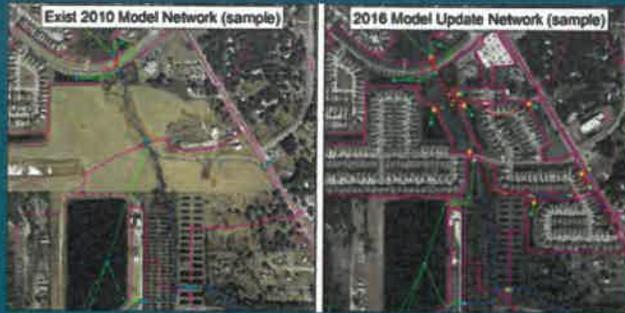
The City of Tampa elected to rehabilitate the Virginia Avenue wastewater pumping station and improve the stormwater conveyance system to improve reliability and continue the wastewater collection service into the future. The existing pump station requires upgrades due to the aging infrastructure, electrical, and instrumentation panels below the 100-year flood elevation, and the electrical and instrumental do not meet current code requirements for flood protection. Additionally, the low area of the street before the station site results in ponding of water during storm events, preventing access by City maintenance vehicles. This condition also affects the residence on the south side of the street at the river. As part of this project, HSC performed a stormwater analysis, pump station and force main hydraulic analysis, pump station site condition analysis, preliminary permitting services. The City's stormwater basin was modeled using the Integrated Channel and Pond Routing Model (ICPR). to determine the design storm event. A preliminary design report summarized the efforts, provided recommendations for the pump station and stormwater improvements. Preliminary design drawings of the proposed improvements along with an opinion of probable construction cost were also included.

Keywords

Wastewater | Stormwater | Pump Station | Preliminary Design

Water, Wastewater, & Stormwater

Alafia River Watershed Management Masterplan Update



Client

Atkins North America
 4030 West Boy Scout Blvd. Suite 700
 Tampa, FL 33607
 Mark Erwin, P.E. CFM
 8132-281-7369

Date of Completion

2020

Design Cost

Estimated: \$ 196,967.10
 Actual: N/A

Team

Scott Ethier, P.E.

Construction Cost

Estimated: N/A
 Actual: N/A

Number of Change Orders: N/A

Description

The purpose of this project was to update the Alafia River watershed model and masterplan to update the flood-plain information and mapping, re-evaluate proposed capital improvements, and provide final recommendations for flood protection, water quality enhancements, and natural systems protection. The Alafia River watershed encompasses approximately 418 square miles in both Hillsborough and Polk County and was previously updated in May 2008 (known conditions through 2006). The hydrologic/hydraulic model was updated to the anticipated 2017 LiDAR and aerial imagery and converted to HC-SWMM 5 (modified EPA SWMM 5). Specific project tasks included updating the model and watershed geodatabase to adhere to the SWFWMD Guidelines and Specifications, calibrating and verifying the updated hydrologic/hydraulic model, re-mapping the 100-yr floodplain, analyzing the watershed level of service, conducting a BMP alternative analysis, and updating the WMP Report.

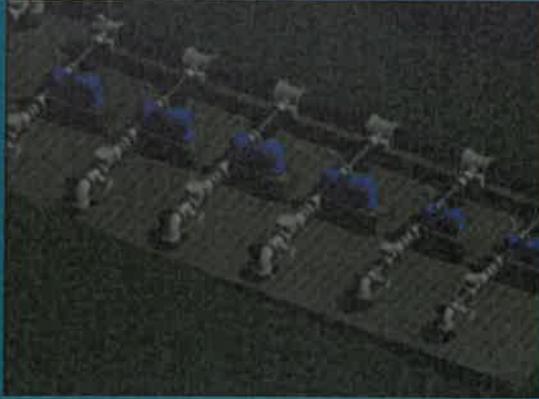
The services that HSC provided in support of this project were hydrologic/hydraulic modeling, model calibration/verification, floodplain determination and mapping, level of service analysis, alternative analysis, conceptual level opinion of probable construction costs, and updating the WMP Report.

Keywords

Hydraulic Modeling | Hydrologic Modeling

Water, Wastewater, & Stormwater

Cherry Hill WTP



Client

Polk County Utilities
 1011 Jim Keene Blvd.
 Winter Haven, FL 33880
 863-298-4214
 Mark Addison, P.E.

Date of Completion

Currently Under Construction

Design Cost

Estimated: \$889,005
 Actual: \$847,200

Construction Cost

Estimated: \$9,704,000
 Actual: \$6,979,000

Number of Change Orders: N/A

Team

Robert Beltran, PE | Scott Ethier, PE | Devan White, PE | Colson Marsh EI

Description

Polk County Utilities (PCU) contracted with HSC to provide services for planning, design, permitting, bidding, and construction of the Cherry Hill Water Production Facility (WPF). HSC assisted PCU with establishing the conditions for the three regional plants that will serve the Northwest Regional Service Area. HSC is completing their services through design, bidding, and construction of the Cherry Hill regional WPF which will replace two smaller facilities and allow for the addition of alternative water supply at the facility in the future. RE

HSC provided permitting support to obtain a new Water Use Permit for PCU from the Southwest Florida Water Management District. Under this task, HSC also provided hydraulic modeling for the service area to determine the operation conditions for the three regional facilities that will supply the area for the future. A Preliminary Design Report was created for the new potable water production facility (WPF) at the Cherry Hill site. The report describes the design for the recommended improvements, based on current regulatory requirements. A preliminary construction schedule and an Engineer's Opinion of Probable Construction Cost (EOPCC) was also included. The report also provided the means for alternative water supply to be a source for the facility in the future.

Design documents were prepared that provided for the construction of two onsite Upper Floridan Aquifer wells rated at 3.12 MGD each, a one MG prestressed concrete ground storage tank with tray aerator, high service pumps with capacity up to 9 MGD, sodium hypochlorite storage and feed system with a pre-chlorination and flow-paced post-chlorination feed points, a precast building for housing the electrical and controls equipment, and a 750 kW generator with fuel tank. The controls room contained two redundant desktop computers that serve as the HMI for the SCADA. These computers were connected to the County-wide utilities network which reports status and alarms back to a central location at the administration building.

HSC coordinated with Florida Fish and Wildlife Conservation Commission to resolve issues onsite with sand skinks and gopher tortoise relocation. HSC obtained the Environmental Resource Permit (ERP) for stormwater design from FDEP and the Specific Permit to Construct PWS Components from the Florida Department of Health in Polk County. HSC also took the project through the plans review process with Polk County's Development Review Committee.

Keywords

Planning Design | Hydraulic Modeling | Permitting | Bidding and Construction | Alternative Water Supply



Permitting

Polk County Utilities Integrated Water Supply Plan Northeast Regional Utility Service Area WUP 10-Year Compliance Report



Client

Subcontract with AquaSciTech, PLLC
 1011 Jim Keene Blvd.
 Winter Haven, FL. 33880
 863-298-4190
 Tania McMillan

Date of Completion

February 2018

Design Cost

Estimated: \$135,929
 Actual: \$89,765

Team

Robert Beltran, PE | Scott Ethier, PE | Margie Lloyd

Construction Cost

Estimated: N/A
 Actual: N/A

Number of Change Orders: None

Description

Polk County's (County) water use permit (WUP No. 20006509.017) for the NERUSA water facilities was issued March 3, 2007. It includes Special Condition No. 24 which requires that the County submit a 10-year compliance report to the Southwest Florida Water Management District (SWFWMD) by March 28, 2018.

HSC worked with another consultant to prepare sections of the draft and final report. HSC reviewed the historical population and per capita demand projects that formulated the permitted demand projections and compared them to the actual report use. From that review, HSC prepared graphical representations of the projected population curves. HSC also prepared current population projects to 2035 based on the SWFWMD and Central Florida Water Initiative (CFWI) methodologies and presented the data with the historical information including the historical per capita information over the same period. HSC reviewed conservation efforts to document the savings created through conservation efforts as well as the historical economic data to illustrate the economic recession as a factor that had affected the per capita demand. Rainfall data was analyzed to show wet and dry periods and how the per capita demand was impacted during both periods. Once this analysis was complete, HSC prepared the final demand projection explaining the variance from the existing permitted quantities.

HSC assisted in reviewing the conservation efforts, impacts to existing legal users, impacts to water resources, saline intrusion, and net benefits. Once completed, HSC then presented the analysis and report in a report that summarized the findings.

Keywords

WUP | IWRP | Rainfall Data | Demand Projection

Financial and Legal Status



3616 Harden Blvd., Number 110 Lakeland, FL 33803 Phone: 863-559-2472 www.hydrosc.com

Dear Mr. Colen:

Hydro Solutions Consulting, LLC (HSC) has not been involved in any litigation or disputes, relating to the work described herein or on any projects, that HSC has been involved in the last five (5) years.

Best Regards,

A handwritten signature in blue ink that reads "Robert Beltran".

Robert Beltran, PE, BCEE
President

Bay Laurel Center CCD Integrated Water/Wastewater Resource Master Plan



Financial and Legal Status



06/18/2020

Account Verification Letter

Business Name

Hydro Solutions Consulting Inc

3916 Harden Blvd Number 110

Lakeland, FL 33803

This memo is to verify that Hydro Solutions Consulting Inc has an account with MidFlorida Credit Union in good standing. The account was established 03/14/2007. If you should have questions or concerns, please do not hesitate to contact me at 863-686-9683.

Thank you,

Kimberly Campbell

MidFlorida Credit Union

AVP/Branch Manager

Harden Branch



Serving Central Florida

(863) 688-3733 | Toll Free (866) 913-3733
P.O. Box 8008, Lakeland, Florida 33802-8008 | www.midflorida.com

Federally
insured by
NCUA.

Management and Organizational Approach

HSC Unique Understanding of the Project and BLCCDD Vision

The Bay Laurel Center Community Development District (BLCCDD) provides reliable water, wastewater, and reclaimed water services to their residential and commercial customers. To ensure that BLCCDD is planning for future growth, they formulate Master Plans. With our recent work on the Water Use Permit Renewal with modifications and projects portfolio (experience with hydraulic modeling, master planning, regulations, and integrated water resources), HSC is uniquely qualified for this Integrated Water/Wastewater Resource Master Plan.

The HSC Team has been working with BLCCDD on future plans for water supply and have worked in the SWFWMD for over 20 years. This experience has allowed us to understand the water resources in the area, specifically the balance between water quantity and quality. This was prevalent in the limits on the Upper Floridan Aquifer water supplies and requirements with the Water Management District has placed in the area to protect spring flow and quality for Rainbow and Silver Springs. Several staff worked at the SWFWMD during the establishment and evaluation of these natural systems and helped establish the guidelines that exist today. For example, the springs team and springs funding program were two elements developed by Mr. Beltran while at the SWFWMD. The evaluations by the springs teams and the funding program is being used today by BLCCDD in their proposed springs project funding application for the North Wastewater Treatment Facility (NWWTF). The NWWTF will provide advanced wastewater treatment and additional wastewater treatment capacity, resulting in reduced nitrogen levels in the effluent and an increase in reclaimed water supply. Additionally, the regulations and permitting approach used today to assist the SWFWMD to limit the UFA withdrawals was developed under Ms. Alba Más, PE, who served as the Regulation Division Director. This type of understanding of the resource limitations and how they impact future infrastructure development at the BLCCDD will allow the HSC team to develop the best long range vision and strategy along with the BLCCDD staff to provide the water and wastewater infrastructures for future growth.

This history will allow our team to specifically assist the BLCCDD in their integral conservation program, understand the demands and needs of the entire community and how this Integrated Water/Wastewater Resource Master Plan will tie into the vision of BLCCDD. HSC has visited the facilities and understands the capacities and limitations, such as water quality concerns in Wells 23, 29 and 57, as well as the distribution and collection systems. This knowledge coupled with the



Figure 1

Management and Organizational Approach

understanding and vision of the future CDD growth plans shown in Figure 1 will allow HSC to quickly update and set up the hydraulic models. Since the baseline models are established, HSC will use its expertise in alternative water supply projects to tie the integrated water resource planning together, providing a holistic set of options for evaluation. Specifically in these efforts, we understand the plans and patterns of growth the BLCCDD is planning and how Calesa development and its higher density per home should be considered for the current water infrastructure and require the planning of potentially a new Water Treatment Plant in the northeastern portion of the District. The permitting for this facility is tied to the WWTF expansion which will provide reclaimed water to the Stone Creek Golf Course, therefore offsetting the Stone Creek Golf Course water use permit and providing an opportunity for a new water supply source for the future facility.

Another benefit of working on the WUP renewal, is that it allowed HSC staff to develop relationships with the development planning groups and gain understanding of how they operate as stakeholders. Development of the Integrated Water/Wastewater Resource Master Plan will need to incorporate feedback from all involved parties.



Figure 2

Management & Organizational Approach

As outlined in Tab 2, Devan White, PE, will lead the team with support from Robert Beltran PE, as principal/technical advisor and Margie Lloyd as client liaison. Our approach to responsiveness to specific needs for Bay Laurel Center CDD includes key staff selected because of their experience with Bay Laurel Center CDD, master planning, hydraulic modeling, integrated water resources planning, water use permitting, regulatory agency coordination, and funding. 

In alignment with the BLCCDD goals and objectives, HSC’s holistic approach not only considers the primary objective of the project but also looks at the project from an Integrated Water Resource Management (IWRM) perspective. The State of Florida has been proactive in the implementation of IWRM principles (ensure sustainability of natural resources while meeting the growing demand for other uses), primarily through the WMDs working with innovative entities such as BLCCDD. This focus of the State and the WMDs have led to funding opportunities and our team, led by Amy Tracy, has been able to assist clients in the past 4 years in obtaining \$12.9 million in grants dollars for AWS projects. Additionally, details of these efforts which could be applicable to the BLCCDD are outlined below under the Project Approach and Execution. The HSC Team’s goal is to work with the BLCCDD to comprehensively plan and design projects that

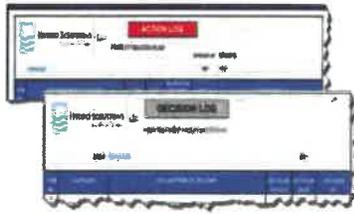
Management and Organizational Approach

not only provide water, wastewater, reclaimed water and stormwater services, but to create an enhancement for the environment and enjoyable place for the BLCCDD community. In each assignment, the HSC Team strives to design projects within a defined budget and schedule and add lasting value over time.

Scope, Schedule and Budget Plan: Upon award of the project, HSC will set up a meeting with all the appropriate BLCCDD staff and stakeholders to discuss project details and critical success factors. A scope will be prepared with a detailed project approach, with tasks, schedules, budgets and additional research, as necessary. A draft preliminary monthly status report will be generated for Bay Laurel Center CDD PM to review and will include



an action and decision log. HSC has found that these simple logs help facilitate effective communication, control costs and minimize change orders.



To help us achieve the budget, schedule, and quality-assurance goals, we will use our established project management system. This system uses a scheduling module and is linked to task and resource allocation in the same system. This allows the Project Manager to see everything in one location and understand upcoming deadlines and staff resources that are available. This management program provides a project-focused, straightforward approach to supplying current and accurate scheduling information, and results in quick response time by the project team and on-time, within-budget project completions.



Communication Plan: HSC knows the value of constant communication throughout a project. Although the PM is the main point of communication, Margie Lloyd will also be available as client liaison. HSC will ensure that Bay Laurel Center CDD is aware of the progress of the project and is always “in-the-loop”. By establishing review meetings in person and supported by meetings

online, the team will maintain the lines of communication.

Additionally, the Bay Laurel Center CDD has stakeholders (attorneys and planners) and Board Members that will need to be incorporated at key stages of the project. These stakeholders will be invited to specific project meetings and HSC plans to coordinate and address comments regarding project phasing, demand projections, development, and deliverables.

Project Approach and Execution: With our unique understanding of the project, HSC will implement the project management approach starting with the initial scope and project kickoff meetings. HSC will provide an initial data request prior to the kickoff meeting to expedite the project. Additionally, HSC will plan to tour any additional facilities following the meeting to optimize and enhance the benefits from the initial meeting.

HSC will develop existing conditions utilizing the documents provided from the data request,

Management and Organizational Approach

through review of the existing hydraulic models, development of a reclaimed water hydraulic model and development of stormwater quantities for an evaluation of the stormwater system. HSC will also review pertinent operating permits and environmental resource permits.

HSC will then develop future conditions. HSC will build upon previous demand projections developed during the WUP Renewal and Modification to prepare population projections for 5 - year increments until anticipated buildout. HSC will then work with BLCCDD to determine water and reclaimed water peaking factors, as well as water demand to wastewater flow ratios.

Following completion of predicted demands and flows, HSC will perform planning for the water, wastewater, reclaimed water, and stormwater systems. A water hydraulic evaluation and Upper Floridan Aquifer water supply optimization will be performed. The wastewater hydraulic model will be updated and the future conditions will be added to the developed reclaimed water model. An integrated water supply plan would be incomplete if it did not also consider stormwater. HSC will use the developed future stormwater quantities to be utilized as part of the alternative water supply integration efforts for potential reclaimed water augmentation or recharge of the aquifer to maximize the water resources of the development.

A report and workshop with the key stakeholders summarizing all the findings and necessary improvements will be prepared to provide BLCCDD with a comprehensive Integrated Water/Wastewater Resources Master Plan. This plan will also include additional considerations for alternative water supply integration. Options include but are not limited to conservation, Aquifer Storage and Recovery, stormwater augmentation, lower Floridan aquifer supply, and indirect potable reuse.

As an added benefit of services, the HSC Team has a track record of success in funding acquisition through grant and loan programs. Projects that come out of the Master Plan could be applicable for grant funding. A meaningful funding strategy leverages local resources as match money and includes a variety of funding and financing sources such as Legislative Appropriations, State Revolving Fund (SRF), Water Infrastructure Finance and Innovation Act (WIFIA), State Grant and Cost Share Programs. HSC implements this strategy, with recent successes such as obtaining \$3 million for the Clay County Utility Authority from a legislative appropriation, cost-share funding through the WMD for Leesburg (\$1.4 million) and CUA (\$0.9 million), and successfully submitting a letter of interest for Water Infrastructure Finance and Innovation Act for a \$230 million package for the Polk Regional Water Cooperative. HSC has assisted clients in obtaining \$12.9 million in grants for projects over the last 4 years.

Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/03/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Iron Ridge Insurance 4971 Royal Gulf Circle Fort Myers FL 33986	CONTACT NAME: Karen Brinkley PHONE (A/C, No, Ext): (800) 775-8526 FAX (A/C, No): (239) 288-7544 E-MAIL ADDRESS: kbrinkley@ironridgeinsurance.com																					
INSURED Hydro Solutions Consulting LLC 3616 Harden Blvd #110 Lakeland FL 33803	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A:</td> <td>Twin City Fire Insurance Company</td> <td>29459</td> </tr> <tr> <td>INSURER B:</td> <td>Travelers Casualty & Surety Company</td> <td>18038</td> </tr> <tr> <td>INSURER C:</td> <td>Liberty Insurance Underwriters, Inc.</td> <td>18817</td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Twin City Fire Insurance Company	29459	INSURER B:	Travelers Casualty & Surety Company	18038	INSURER C:	Liberty Insurance Underwriters, Inc.	18817	INSURER D:			INSURER E:			INSURER F:		
INSURER(S) AFFORDING COVERAGE		NAIC #																				
INSURER A:	Twin City Fire Insurance Company	29459																				
INSURER B:	Travelers Casualty & Surety Company	18038																				
INSURER C:	Liberty Insurance Underwriters, Inc.	18817																				
INSURER D:																						
INSURER E:																						
INSURER F:																						

COVERAGES CERTIFICATE NUMBER: CL206305295 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

RISK LTR	TYPE OF INSURANCE	ADDC	INSUR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			Y	21 SBA VK4462	04/08/2020	04/08/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPOP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY/AUTO OWNED <input checked="" type="checkbox"/> AUTOS ONLY HIRED <input checked="" type="checkbox"/> AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS, NON-OWNED <input type="checkbox"/> AUTOS ONLY				21 SBA VK4462	04/08/2020	04/08/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$							EACH OCCURRENCE \$ AGGREGATE \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER MEMBER EXCLUDED? (Mandatory in FL) If yes, describe under DESCRIPTION OF OPERATIONS below.	Y/N	N/A		UB-8M05135A-19-47-G	11/27/2019	11/27/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability				AEXNYABNEL6002	06/05/2020	06/05/2021	Per Claim \$2,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 161, Additional Remarks Schedule, may be attached if more space is required)
 Professional Liability is written on a claims-made basis

CERTIFICATE HOLDER Bay Laurel Center Community Development District Mr Kenneth D Coleman, Chairman 5470 SW 75th St Road, Suite 3 Deale FL 34481	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE:
--	---

© 1988-2015 ACORD CORPORATION. All rights reserved.



Request for Statement of Qualifications Integrated Water / Wastewater Resource Master Plan

June 10th, 2020

To: All Prospective Respondents

The following changes, additions, clarifications, and/or deletions amend the Request for Qualifications of the above captioned Project, and shall become an integral part of the Submittal. Please note the contents herein and affix same to the documents you have on hand. Please include a signed copy of this Addendum with your submittal.

QUESTIONS/CLARIFICATIONS:

- Q1. On page 5 of the RFQ pdf file: Item 4.3(a), it notes that there is a Submission Form that is required to be submitted. Can you please provide that form?
- A1. **There is no submission form, please disregard.**
- Q2. On page 6 of the RFQ pdf file: Item - Section 2 - Technical and Operational Capabilities, third bullet: it notes that as part of the RFQ we are to address QA/QC associated with, among other things, construction administration. Since this project does not include construction phase services is this applicable?
- A2. **The language in this section is general language. If construction administration is not required you do not need to include it in your response.**
- Q3. Item 5.3(b) Consultant's Past Performance, it notes that the experience should be for other Community Development Districts. Will experience in performing master planning for other

ADDENDUM #1 - RFQ
INTEGRATED WATER/WASTEWATER RESOURCE MASTER PLAN

8470 SW 79TH Street Road, Suite 3 Ocala, FL 34481



municipal/county government agencies be acceptable experience that will be considered for scoring?

A3. Yes, experience for Municipal/County government agencies will be acceptable

Q4. Item 5.3(c) Geographic Location, how will this be scored, how local do you have to be to score the 20 points?

A4. The scoring shall be as follows: 20 points if within 100 miles, 15 points if within 150 miles, 10 points if within 200 miles, 5 points if within 250 miles, and 0 points if greater than 250 miles.

Q5. On page 8 of the RFQ pdf file: Item 5.3(e) Certified Minority Business Requirements; can you score the required 5 points if either you or your sub(s) are a certified minority business enterprise??

A5. No.

Q6. Would the District be willing to replace the Indemnification currently shown in Article 7.12 of the referenced RFQ (and the subsequent professional services agreement upon award) with the following language?

To the extent allowed by Article 725.08, Florida Statutes, the Responder shall indemnify and hold harmless the District and its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Responder and other persons employed or utilized by the Responder in the performance of the contract.

A6. Yes.

Q7. Section 5.3.(b) - Consultants Past Performance: Criteria considers performance for other CDDs. Although we have not worked for a CDD, we have done similar work for municipal clients. Would this experience be considered equally, compared to CDDs?

A7. Please refer to answer A3.



- Q8.** Section 5.3.(c) - Geographic Location: Is any further scoring criteria breakdown available? e.g. - within 100 mile radius, 20 points; within 150 mile radius, 15 points, etc.
- A8.** Please refer to Answer Q4.
- Q9.** Section 5.3.(g) - Work Previously Awarded to Consultant by the District: Please elaborate. We have not worked for the District previously, but would like to. Would the District give equal consideration for similar projects we have completed for other municipal clients?
- A9.** No.

Please sign and return by mail or email to bryan_schmalz@blccdd.com.

NAME OF FIRM: Hydro Solutions Consulting
SIGNATURE: Noah Rohm
DATE: 6/22/2020

**ADDENDUM #1 - RFQ
INTEGRATED WATER/WASTEWATER RESOURCE MASTER PLAN**

8470 SW 79TH Street Road, Suite 3 Ocala, FL 34481

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million (13.5% of the population).

There are a number of reasons for this increase. One of the main reasons is that people are living longer. The life expectancy at birth in the UK is now 78 years for men and 82 years for women (ONS 2002).

Another reason is that people are staying in the UK for longer. In the 1990s, many people who were born in the UK moved to other countries. However, in the 2000s, many people who were born in other countries moved to the UK.

There are a number of implications of this increase in the number of people aged 65 and over. One of the main implications is that there will be a need for more care homes and social care services.

Another implication is that there will be a need for more financial support for people aged 65 and over. This is because many people aged 65 and over have a lower income than when they were younger.

There are a number of ways in which the government can meet these needs. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of challenges facing the government in meeting these needs. One of the main challenges is that the cost of care homes and social care services is increasing rapidly.

Another challenge is that the state pension is under threat. This is because the government is facing a large budget deficit and is looking for ways to reduce spending.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.

There are a number of ways in which the government can meet these challenges. One way is to increase the number of care homes and social care services. Another way is to increase the state pension.



**REQUEST FOR STATEMENT OF
QUALIFICATIONS FOR INTEGRATED
WATER / WASTEWATER RESOURCE
MASTER PLAN**

June 26,2020

JonesEdmunds



Integrity • Knowledge • Service

June 26, 2020

730 NE Waldo Road
Gainesville, FL 32641
352.377.5821

Bryan Schmalz, Utility Director
8470 SW 79th Street Road, Suite 3
Ocala, Florida 34481

RE: Request for Statement of Qualifications for Integrated Water/Wastewater Resource Master Plan

Dear Mr. Schmalz and Members of the Selection Committee:

The Bay Laurel Center Community Development District (BLCCDD) provides water, wastewater, and reclaimed water services to the On Top of the World (OTOW) developments. These services are essential to fulfilling OTOW's original vision to provide beauty and homes with tremendous value.

Jones Edmunds has enjoyed our greater-than-18-year working relationship with OTOW and BLCCDD. We understand your philosophy for completing projects. As the authors of your previous Water, Wastewater, Reclaimed Water, and Wastewater Transmission System Master Plans, we understand the steps required to create your Integrated Water/Wastewater Resource Master Plan. We commend BLCCDD for syncing your planning efforts to holistically tackle the water challenges of today and the future. In today's regulatory climate, evaluating all waters together increases the odds that a unique cost-effective set of solutions can be developed.

The biggest question that needs to be addressed is "How will BLCCDD obtain sufficient water supply permits as population increases?" We will work collaboratively with you to answer this question. To reach the best answer to this question, we will develop the IWWRMP that provides the roadmap to build-out. BLCCDD is currently at approximately 20% of the projected full build-out population of 80,000 residents.

Since Jones Edmunds previously prepared Master Plan documents for BLCCDD's water, wastewater, reclaimed water, and wastewater transmission systems, we are ready to leverage this experience and our working relationship with you to update these plans and provide the critical integration you need to achieve your goals.

We look forward to assisting you with moving this project forward. Please feel free to contact us if you have any questions regarding our submittal.

Sincerely,

A handwritten signature in purple ink, reading "John Horvath".

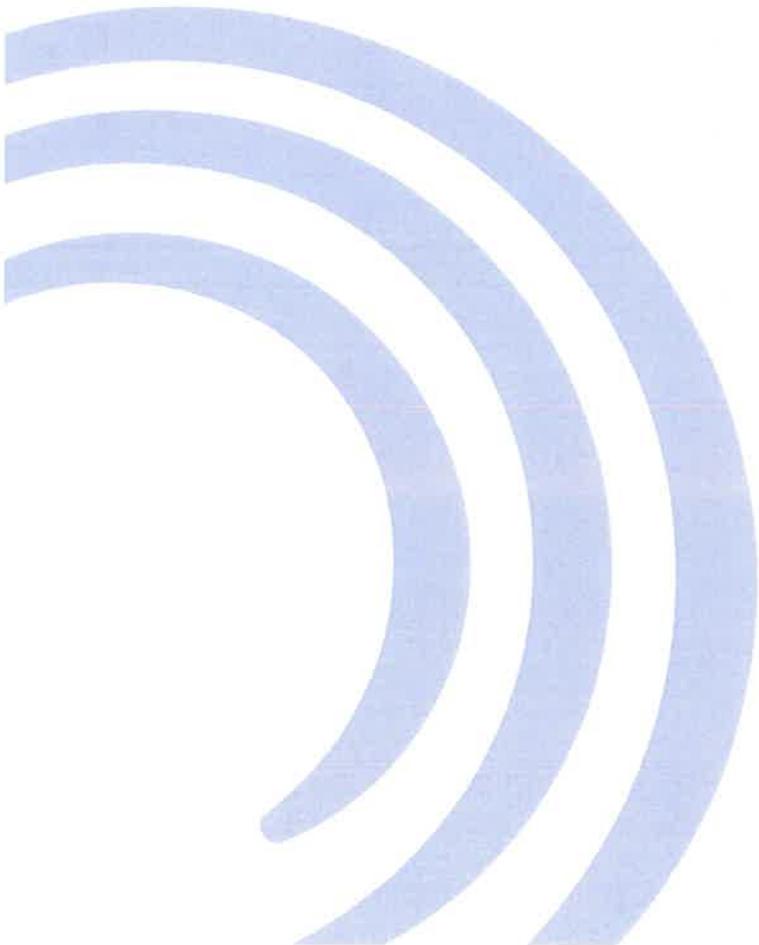
John Horvath, PE
Project Manager / Vice President

TABLE OF CONTENTS

Section 1 – General Information	1
Section 2 – Technical and Operational Capabilities	4
Section 3 – Firm History and Qualifications.....	24
Section 4 – Financial and Legal Status	37
Section 5 – Management and Organizational Approach	39
Section 6 – Insurance	47

SECTION 1

GENERAL
INFORMATION



SECTION 1 – GENERAL INFORMATION

JONES EDMUNDS & ASSOCIATES, INC.

Overview

Jones Edmunds is multi-disciplinary consulting firm that has been providing quality water and wastewater consulting services since 1974. As a North-Central Florida-based corporation, we almost exclusively serve entities in Florida.



Dr. Richard Jones and Bob Edmunds founded our company on water and wastewater engineering. Since then, our firm has continually strived to provide unrivaled engineering consulting services to utilities throughout Florida to address their environmental, water, wastewater, and reclaimed water needs. Our team has built many enduring relationships with our clients throughout Florida on the basis of outstanding technical work, innovation, and unrivaled service.

At Jones Edmunds, client service means more than just a good technical product – it means being responsive to the needs of our clients, providing staff experienced in the specific disciplines required for the work, listening to and understanding your goals and expectations, and communicating throughout each phase of the project to achieve the desired outcome. Because of this exceptional dedication and service, we have **developed a proven record of working collaboratively with clients, including BLCCDD, who know that they can rely on us.**

Firm name, addresses, and telephone numbers of all firm offices

Jones Edmunds & Associates, Inc.

Office	Address	Phone
Gainesville	730 NE Waldo Road Gainesville, FL 32641	352.377.5821
Tampa	324 S. Hyde Park Ave, Suite 250 Tampa, FL 33606	813.258.0703
Jacksonville	8657 Baypine Road, Suite 300 Jacksonville, FL 32256-8634	904.744.5401
Sarasota	7230 Kyle Court Sarasota, FL 34240	941.358.1440
Titusville	3910 S. Washington Ave., Suite 210 Titusville, FL 32780	321.269.2950
West Palm Beach	2240 Palm Beach Lakes Blvd, Suite 300 West Palm Beach, FL 33409	561.249.6757
Winter Haven	141 5th Street NW, Suite 200 Winter Haven, FL 33881	863.293.3332

Our Gainesville headquarters, less than 1 hour away (46 miles) from BLCCDD offices, will be the Office of Record for this project. We will support this project with specialists from our Tampa office, which is less than 100 miles away. Our subconsultants KMAC Consulting, LLC (Winter Park) and HydroGeo Consulting, LLC (Tampa) are also 1.5 hours away.

SECTION 1 – GENERAL INFORMATION

Structure of the Firm

Jones Edmunds is a privately held corporation. We have been in business for more than 46 years. Our founders– Dr. Richard Jones, PE and Robert Edmunds, PE – owned and operated the firm and always strived for high standards of excellence, reliability, and unrivaled service for our clients. Mr. Edmunds has been a majority shareholder since we were founded in 1974. Ownership of the company is continually transitioning to include additional Associates, but the mode in which we conduct business will not change.



Jones Edmunds has 126 Associates serving clients from seven offices across Florida.

Years firm has been in business: 46 years

Firm Principals

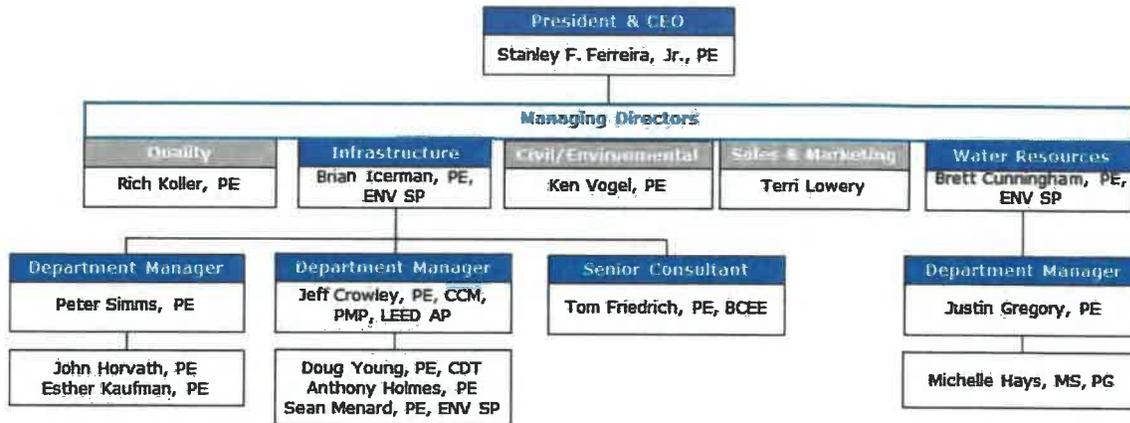
- Stanley F. Ferreira, Jr., PE, President and CEO
- Robert C. Edmunds, PE, Director, Secretary, and Treasurer
- Brett A. Cunningham, PE, ENV SP, Managing Director and Senior Vice President
- Richard N. Koller, PE, LEED AP, Managing Director and Senior Vice President
- Terri R. Lowery, Managing Director and Senior Vice President
- Kenneth S. Vogel, PE, Managing Director and Senior Vice President

Organizational Description

Jones Edmunds operates in a flat discipline-based organizational structure with three primary disciplines: Infrastructure, Water Resources, and Civil/Environmental. The project team proposed will primarily be from our Infrastructure Discipline. The Infrastructure Discipline focuses on water, wastewater, and reclaimed water planning and design solutions. Select members of the Water Resources Discipline will also be involved. These team members specialize in groundwater modeling, water supply planning, and water use permitting. The project team may cross discipline lines on an organization chart, but as you may suspect this team frequently works together. Thankfully, we do not operate in profit centers. This allows our team members to freely create cross-discipline teams, such as the one we have proposed, putting your needs ahead of our reporting structure.

Additionally, the Infrastructure and Water Resources Managing Directors – Brian Icerman, PE, ENV SP and Brett Cunningham, PE, ENV SP – will both have roles on this project. As the respective leaders of their Disciplines and as direct reports to the CEO, we assure you that the proposed staff will be available to complete this project. The internal organization chart on the following page shows our organization structure and where the key people fit in.

SECTION 1 – GENERAL INFORMATION



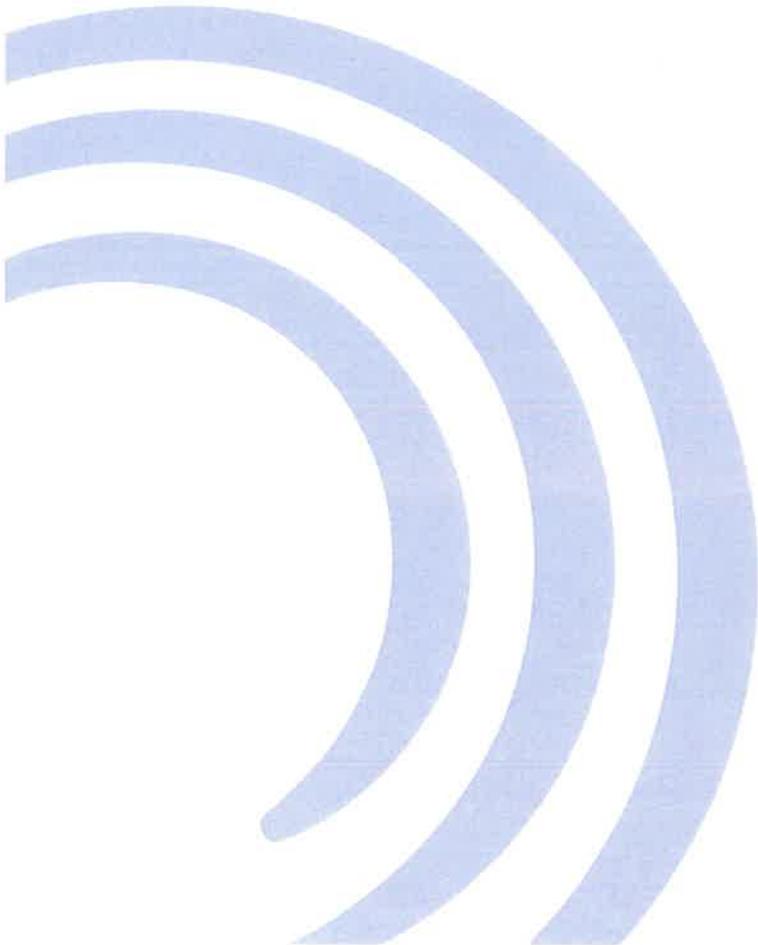
Description of firm's philosophy:

"Jones Edmunds' success is and has always been based on our core values of Integrity, Knowledge, and Service. To us these values mean doing what you say you will do, never resting on the past but always striving to learn and grow and putting service to others ahead of personal gain."

**– Rick Ferreira, PE
President and CEO**

SECTION 2

TECHNICAL AND OPERATIONAL CAPABILITIES



SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

Our Team

Jones Edmunds has thoughtfully assembled a team that can provide quality service to complete this important project to help prepare BLCCDD for the expected growth for years to come. The Jones Edmunds Team includes the following key people and subconsultants to provide BLCCDD with the comprehensive and experienced team you need to deliver this project on time and on budget. Jones Edmunds has established relationships with our subconsultant firms and is confident in their ability to meet your standards of excellence.

John Horvath, PE



Years of Experience: 32; Project Manager – He has served as Project Manager, Quality Control Engineer, Project Engineer, and Lead Design Engineer on a variety of multi-disciplined projects. He has been serving BLCCDD for over 15 years on many water, wastewater, and reclaimed water planning, permitting, and design projects. **John will manage this project and will lead the day-to-day tasks of the Wastewater/Reclaimed Water Master Plan updates. He has the knowledge of BLCCDD’s system and past planning efforts as well as the availability to hit the ground running and lead this project to success.**

Thomas Friedrich, PE, BCEE



Years of Experience: 30; Integrated Master Planning Technical Leader – Tom is a “big-picture” thinker with direct experience in all phases of projects and utility operations, which will be helpful as we work with BLCCDD on this Integrated Water/Wastewater Resource Master Plan. With over 18 years of experience in our Tampa office, he has the regulatory knowledge and relationships at SWFWMD and FDEP to ensure that the projects in the plan are permissible. **Additionally, with over 18 years of experience consulting for BLCCDD and OTOW Communities, Tom is trusted by both BLCCDD management and state regulators.**

Michelle Hays, PG



Years of Experience: 15; Integrated Master Planning Team – Michelle has been serving BLCCDD for over 10 years including managing compliance monitoring projects and working on the Biosolids Site Expansion Permitting project. She is recognized by Florida utilities as a water supply expert and has helped utilities with water use permits, wellfield optimization, groundwater modeling, aquifer recharge, and alternative water supply. She has experience with several regional groundwater models developed by the Water Management Districts and has collected and analyzed data for model development. She worked on the development of River and Streams input for the expanded version of the East-Central Florida Transient (ECFT) groundwater flow model and developed a subregional groundwater flow model for evaluation of beneficial recharge in Polk County. **Michelle will leverage this experience as well as her familiarity with BLCCDD as part of our Integrated Planning Team.**

SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

Brett Cunningham, PE, ENV SP



Years of Experience: 33; Integrated Master Planning Team – Brett is our Managing Director of Water Resources. He has a strong background in water quality, water supply, integrated water resources planning, flood protection, and funding procurement. **Although Brett has not worked with BLCCDD, we believe it is important to add an experienced integrated water resource planner who does not have history with the District.** In this case, his lack of history with you is a plus because he can provide fresh ideas to solve complex challenges.

Brian Icerman, PE, ENV SP



Years of Experience: 12; Quality Assurance – Brian has served in a Project Manager, Technical Lead, or Quality Control role on water, wastewater, reclaimed water, and stormwater design and master planning projects throughout Florida. As our Utilities Infrastructure Managing Director, he is responsible for the project quality and client satisfaction for every project led by an Infrastructure Team member. **Brian has the prerequisite knowledge and formal authority to ensure the right project quality control measures are implemented and BLCCDD is happy with the Master Plan.**

David Yonge, PhD, PE



Years of Experience: 9; Water Supply and Distribution Planning Leader – David specializes in water master planning, and his PhD focused on potable water treatment. Additionally, he currently serves as the Chair of the FSAWWA Region IV Technical and Education Committee and sits on the AWWA Emerging Water Quality Issues and AWWA Emergency Preparedness and Security Committees. **David will lead the day-to-day tasks of the Water Master Plan updates. To do this, he will work closely with the Project Manager and Integrated Planning Team.**

Doug Young, PE, CDT



Years of Experience: 32; Quality Control Lead – Doug has extensive experience in water, wastewater, and reclaimed water utility planning, design, permitting, and construction-phase services. Doug has both the breadth and depth of knowledge to understand the Water, Wastewater, and Reclaimed Water Master Plans along with how they will influence and affect each other. **This skillset makes him the ideal candidate for the Quality Control Leader for this project.**

Subconsultants



Hydrogel Consulting, LLC (HGC) is a hydrogeology firm in the Tampa Bay area formed in 2015. HGC's President, Michael Weatherby, PG, has 28 years of water resources experience and has been the Project Manager, Technical Lead, and Primary Author of the preliminary aquifer recharge evaluations that have led to numerous first-in-kind Class I injection and Class V aquifer recharge projects in Florida. Michael has a long history of wellfield design, construction, and oversight in addition to permitting disposal options for concentrate

SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

and reclaimed water disposal options. He has been the Technical Leader for projects that include FDEP UIC permitting of disposal and recharge options, potable well design, hydrogeology evaluations, groundwater modeling, and wellfield operations.

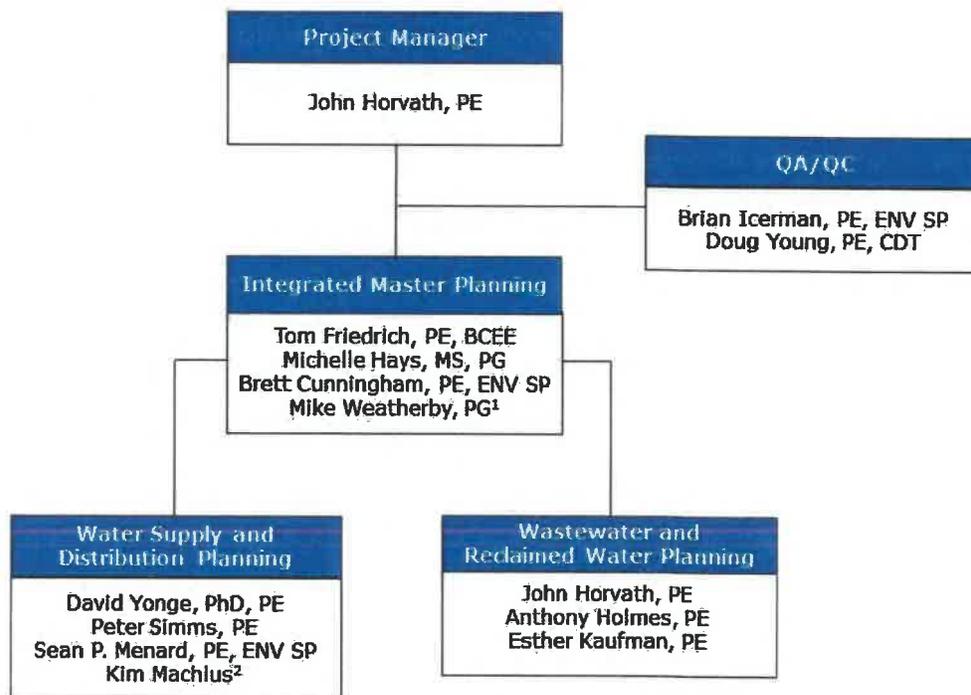


KMAC Consulting Services, LLC is a consulting firm specializing in hydraulic modeling, master planning, asset management, and GIS services,

providing consulting services to public and private sectors. The firm has experience with utility master plans, similar to BLCCDD's system, throughout Florida. KMAC is also a Woman Business Enterprise certified by Florida Office of Supplier Diversity.



The organizational chart and résumés provided in this section identify disciplines, specific personnel, and role of those who will be assigned to this project.



Subconsultants
HydroGeo Consulting, LLC¹
KMAC Consulting Services, LLC² – WBE

JOHN HORVATH, PE

Project Manager

John specializes in the planning, analysis, permitting, and design of wastewater collection, treatment, and effluent reuse and disposal systems as well as water supply, treatment, and transmission systems for Florida municipalities. He has served as Project Manager, Quality Control Engineer, Project Engineer, and Lead Design Engineer on a variety of multi-disciplined projects. He is well versed in modeling techniques, design, field testing, and applications using a variety of software programs. **He has been serving BLCCDD for over 15 years on many water, wastewater, and reclaimed water planning, permitting, and design projects.** He also works regularly with your development engineer, Tillman & Associates Engineering.

SELECTED PROJECT EXPERIENCE

[Wastewater Master Plan Update | Bay Laurel Center Community Development District, Florida | Project Manager](#) | John managed this project to update their 2006 Wastewater Transmission Master Plan prepared by Jones Edmunds. A Wastewater Treatment Plant Interim Planning Study completed in 2012 provided a revised wastewater generation projection through 2030, based on a constant growth rate.

[Wastewater Treatment Facility Master Plan | Bay Laurel Center Community Development District, Florida | Project Manager](#) | John managed this project to prepare a Master Plan Report to assist BLCCDD in long-term planning for the upgrade and expansion of wastewater treatment facilities. A primary focus was to evaluate wastewater treatment alternatives necessary to comply with the proposed Marion County Springs Protection Program nitrogen limits for permitted domestic wastewater treatment facilities within the Rainbow Springs protection areas.

[Master Wastewater Feasibility Study | Marion County, Florida | Project Manager](#) | John is managing the project to develop a Master Wastewater Feasibility Study for the Rainbow and Silver Springsheds Basin Management Action Plans. The study will outline planning-level strategies for phasing out on-site sewage treatment and disposal systems to meet BMAP wastewater load reduction requirements over the next 20 years.

[Marion Oaks WTP #4 Well & Surface Facilities | Marion County, Florida | Project Manager](#) | As a subconsultant to Tillman, John is providing oversight and helping with design elements of the project. The project consists of installing a new potable water well, a new pump, and additional piping that will connect to the existing influent piping for the existing ground storage tank.

[Golden Ocala Water System Master Plan | Marion County, Florida | Project Manager](#) | As a subconsultant to Tillman, John is providing oversight on a project to determine improvements that need to be made to WTPs and the transmission system.

[Groundwater Recharge Investigation | Polk County, Florida | Sr. Project Engineer](#) | John provided senior QA/QC to quantify the benefit to the Upper Floridan Aquifer from recharge to rapid infiltration basins at the Northeast Regional WWTF.



AREAS OF SPECIALIZATION:

- Master Planning
- Water and Wastewater Transmission System Design
- Hydraulic Analysis
- Biosolids Permitting
- Land Treatment System Design
- Groundwater Modeling
- Aquifer Testing and Analysis

YEARS OF EXPERIENCE: 32

EDUCATION:

Master of Engineering, Civil Engineering

Bachelor of Science, Civil Engineering

PROFESSIONAL CERTIFICATION:

Professional Engineer, #47093, FL

BRIAN ICERMAN, PE, ENV SP

QA/QC

Brian will serve as your Quality Assurance Leader and will make sure that the project has the appropriate resources to be successfully completed. He has served as a Project Manager or Technical Lead on design and master planning projects throughout Florida and has a proven record of effectively managing scope, schedule, and fee. He excels at providing internal and external client services by fully leveraging the project and personnel management tools available at Jones Edmunds, resulting in cost-effective management strategies.

SELECTED PROJECT EXPERIENCE

[Gemini and DeLeon Springs Wastewater Feasibility Study | Volusia County | Project Manager](#) | Brian is working with Volusia County to develop wastewater feasibility studies for two springsheds. He engaged with the public and led stakeholder and public meetings. The study includes an analysis of potential and probable growth areas and projected service needs. It provides a plan that incorporates the requirements of the Florida Springs and Aquifer Protection Act and addresses septic to sewer conversions and associated system upgrades.

[2040 Master Sewer Plan Update | City of Tallahassee, Florida | QA/QC](#) | Brian is providing QA/QC services for this project that trues up previous projections of growth in the service area based on newer information and determines what improvements need to be made to the system to accommodate future growth and expansion.

[North Florida Mega Industrial Park WWTP | Columbia County | Quality Assurance](#) | Brian is managing this project to design and permit a 0.5-MGD-AADF field-erected wastewater package treatment plant, including effluent disposal and water reuse. The WWTP design will accommodate plant expansion in increments of 0.25 MGD to an ultimate 1.5 MGD AADF to meet the demands of new industry.

[Beverly Hills \(West\) Septic Tank Phase Out | JEA | Project Manager](#) | Brian is managing this project to connect of over 475 homes to a new gravity sewer system; use low-pressure sanitary grinder pump system for three homes; and provide water main distribution system upgrades throughout the neighborhood to increase pressure, fire flow where it did not previous exist, and drainage improvements.

[Water and Sewer CIP Cost Updates | City of Atlantic Beach | Project Manager](#) | Brian guided the project team to a successful project completion. He also interviewed City staff and helped cost and prioritize projects.



AREAS OF SPECIALIZATION:

- Project Management
- Project Development
- Quality Control
- Master Planning
- Pipeline Design
- System Modeling
- Funding Procurement

YEARS OF EXPERIENCE: 12

EDUCATION:

Bachelor of Science,
Agricultural and Biological
Engineering

PROFESSIONAL CERTIFICATION:

Professional Engineer #77080,
FL

Envision Sustainability
Professional, #38474

DOUG YOUNG, PE, CDT

QA/QC

Doug is a Senior Project Engineer in Jones Edmunds' Utilities Infrastructure Department with extensive experience in water, wastewater, and reclaimed water utility planning, design, permitting, and construction-phase services. Projects include water and wastewater treatment plants, pump stations, and pipelines. Doug serves our clients as Senior Engineer and Engineer of Record, leading design efforts including drawing and specifications development, quality control, and client coordination.

SELECTED PROJECT EXPERIENCE

[Reclaimed Water Pipeline and Master Force Main Design and Permitting | City of Winter Haven | Project Engineer](#) | As the Senior QC reviewer, Doug is supporting with the design and permitting of approximately 23,000-linear feet of RCW interconnect pipeline from WWTP No. 3 to the existing RCW system at the Chain O'Lakes Complex and designing and permitting approximately 23,000-linear feet of FM along the route. The efforts included environmental, utility, and client coordination.

[Water Main Improvements | City of Bradenton | Project Engineer](#) | Doug served as the Senior Engineer/Engineer of Record for the project leading the design effort including plan and specification development, EOPCC, design schedule, quality, and client coordination. Jones Edmunds designed and provided construction administration for the new water main.

[Wastewater Treatment Plant Optimization | City of Winter Haven | Project Engineer](#) Jones Edmunds assisted the City with reducing sludge disposal costs and optimizing the solids-handling system.

[US 17-92 Reclaimed Water Main | Polk County | Engineer of Record](#) | Doug was the Engineer of Record performing site visits, stakeholder meetings, design, permit application preparation, and cost estimating. Doug worked closely with PCU to ensure their design preferences were incorporated into Jones Edmunds ongoing work. He conducted site meetings with FDOT staff to facilitate permitting.

[CRUSA Final Design | Polk County | Engineer of Record](#) | Doug served as Engineer of Record for all utilities designed by Jones Edmunds, including yard piping, ground storage reservoirs, and a high-service pumping station.

[Southwest Regional Water Reclamation Facility Advanced Wastewater Project | Citrus County | Project Engineer](#) | Jones Edmunds completed the planning, permitting and design phase of an advanced wastewater treatment plant meeting a 5-5-3 effluent quality to replace the existing WWTF. Doug was the Engineer of Record for the biosolids handling facilities.



AREAS OF SPECIALIZATION:

- Master Planning
- Lift Stations
- Wastewater Evaluation and Treatment
- Reclaimed Water
- Water Distribution
- Energy Audits

YEARS OF EXPERIENCE: 32

EDUCATION:

Bachelor of Science, Civil Engineering

PROFESSIONAL CERTIFICATION:

Professional Engineer #44204, FL

Certified Document Technologist, Construction Specifications Institute

TOM FRIEDRICH, PE, BCEE
Integrated Master Planning

Tom is a “big-picture” thinker with direct experience in all phases of projects and utility operations, which will be helpful as we work with the District on this master plan. With over 18 years of experience in our Tampa office, he has the regulatory knowledge and relationships at SWFWMD to ensure that the projects in the plan are permissible. Tom has supported BLCCDD and OTOW through senior reviews of project treatment facilities, coordination meetings with City of Clearwater, WRF evaluations, reclaimed water storage, transmission and distribution design, permitting and SWFWMD CFI Funding assistance.

SELECTED PROJECT EXPERIENCE

Southwest Regional Utilities Service Area Master Plan | Polk County | Client Service/Senior Consultant | Jones Edmunds prepared a water, wastewater, and reclaimed master plan for the SWRUSA. We developed 20-year population and water demand projections and summarized the findings and recommendations in a report and presented it to the BOCC. Tom performed senior technical reviews of the report sections and provided technical guidance during the project.

Water Master Plan | City of St. Cloud | Engineer of Record/ Project Manager | Tom was the EOR for this plan that evaluated the existing water infrastructure, permitted a new 12-MGD wellfield, developed improvements to address water quality issues, and recommended a CIP Plan to improve water infrastructure. The 9-MGD wellfield and MIEX WTP No. 4 were the first improvements provided to remove DOC and color, lower TTHMs and HAA5, improve water quality, and comply with EPA Stage I & II DBP Rules.

Water Facilities Planning Study | City of Bradenton | Project Principal/QAQC | Tom provided senior technical leadership and QA/QC for the update of the hydraulic model including a water quality component to develop a Water Facilities Plan to address aging water system infrastructure. A pipe-scoring model-based methodology was used to develop a pipe replacement prioritization to target ‘priority-ordered replacement groups’ in the most problematic areas and development of a 10-year \$25-million water infrastructure CIP.

Sewer Master Plan | Charlotte County & Sewer Modeling | Project Manager/Principal | Tom provided senior technical oversight of the project and work product QA/QC, facilitating coordination, public outreach, Board of County Commission presentations and multi-level communication between our staff and the client.



AREAS OF SPECIALIZATION:

- Master and Facilities Planning
- Water and Wastewater Treatment Process Design
- Water Quality, Water Chemistry and Microbiology
- Wastewater and Reclaimed Water Pumping and Transmission
- Regulatory Permitting and Compliance

YEARS OF EXPERIENCE: 30

EDUCATION:

Master of Science, Environmental Resource and Engineering

Bachelor of Science, Microbiology/Water Chemistry

PROFESSIONAL CERTIFICATION:

Professional Engineer, #61281, FL

Board Certified Environmental Engineer (BCEE), #01-10041, FL

MICHELLE HAYS, MS, PG
Integrated Master Planning

Michelle has extensive experience providing geologic and environmental site assessment services and groundwater modeling support. She has knowledgeable in performing rapid site assessments, geologic field investigations, and field sampling. She has supported master planning efforts across Florida. She is also an expert in the development of hydrologic models including contamination fate and transport simulations. **Michelle has been serving BLCCDD for over 10 years including managing compliance monitoring projects and working on the Biosolids Site Expansion Permitting project.**

SELECTED PROJECT EXPERIENCE

Integrated Water Resources Plan | St. Johns County, Florida | Project Geologist | Michelle prepared the GAP analysis and a technical memorandum for developing and executing a multi-disciplined effort that developed the County's IWRP, identifying the combination of alternatives to best meet the County's multiple objectives for the five inter-connected water treatment and distribution systems.

Southwest Regional Utility Service Area (SWRUSA) Water, Wastewater, and Reclaimed Master Plan Update | Polk County, Florida | Project Scientist | Michelle served as Project Scientist for an update of the comprehensive Master Plan Jones Edmunds previously created for the County.

Biosolids Site Expansion Permitting | Bay Laurel Center Community Development District, Florida | Project Scientist | Michelle prepared a minor revision permit application to BLCCDD's Domestic Wastewater Facility Permit to expand the Facility's biosolids application areas from 60 acres (3 zones) to 110 acres (5 zones).

Technical Support for North Florida Utility Coordination Group (NFUCG) | JEA, Florida | Environmental Scientist | Michelle provided technical support on North Florida water resources including regional groundwater model development, water supply planning, and minimum flows and levels.

Groundwater Recharge Investigation | Polk County, Florida | Hydrogeologist | Michelle assisted in developing and calibrating a subregional groundwater flow model to evaluate the beneficial recharge potential of land application through RIBs. Field studies included well installations, pump tests, a load test, and an UFA performance test.

WTP #4 Well & Surface Facilities | Marion County, Florida | Task Manager | Michelle helped to complete a portion of the design that consists of installing a new potable water well, a new pump, and additional piping to connect to the influent piping for the existing ground storage tank.



AREAS OF SPECIALIZATION:

- Water Supply Development
- Hydrogeological Investigations
- Preparation and Implementation of Groundwater Monitoring Plans
- Groundwater Flow Modeling
- Environmental Site Assessments
- Contamination Evaluations
- UIC Permitting

YEARS OF EXPERIENCE: 15

EDUCATION:

Master of Science, Geological Sciences

Bachelor of Science, Environmental Studies

PROFESSIONAL CERTIFICATION:

Professional Geologist, #PG2676, FL

BRETT CUNNINGHAM, PE, ENV SP **Integrated Master Planning**

Brett is the Jones Edmunds Managing Director of Water Resources with a strong background in water quality, water supply, natural systems, integrated water resources planning, flood protection, and funding procurement. He excels in the application of computer models and geographic information systems to assist in planning, problem solving, and developing cost-effective management strategies for water resources projects.

SELECTED PROJECT EXPERIENCE

[Integrated Water Resources Management Plan | Pinellas County, Florida | QA/QC](#) | Brett provided QA/QC for this project. Jones Edmunds developed preferred alternatives to evaluate TMDL requirements, NPDES MS4 permit compliance modifications, and other changes to the state and federal regulatory environment. Objectives guided the formulation of alternatives for capital improvements and resource management, which created an integrated model used to simulate alternatives in all of the utilities and provide output to stakeholders and decision makers in the context of their own stated objectives.

[Integrated Water Resources Plan | St. Johns County, Florida | QA/QC](#) | Brett provided QA/QC for this project Jones Edmunds, in conjunction with CDM Smith, developed the County's IWRP, identifying the combination of alternatives projected to best meet the County's multiple objectives for the five inter-connected water treatment and distribution systems (e.g. water quality, water supply, and natural systems). The IWRP will help the County optimize solutions that help achieve multiple objectives, such as developing RSTs to reduce nutrients to achieve a TMDL requirement while providing stormwater harvesting alternatives to the growers that help reduce demands on groundwater supplies.

[Water Replenishment | City of Winter Haven, Florida | QA/QC](#) | Brett is providing QA/QC and technical oversight on all aspects of this project where Jones Edmunds is contracted to provide the City with evaluation alternatives to allow maximization of its permitted water supply.

[2040 Master Sewer Plan Update | City of Tallahassee, Florida | Project Manager](#) | Brett is managing this project to true up previous projections of growth in the service area based on newer information and determine what improvements need to be made to the system to accommodate future growth and expansion.



AREAS OF SPECIALIZATION:

- Integrated Water Resources
- Water Resources
- Watershed Management
- Stormwater Management
- Geographic Information Systems

YEARS OF EXPERIENCE: 33

EDUCATION:

Master of Engineering,
Environmental Engineering

Bachelor of Science,
Environmental Engineering

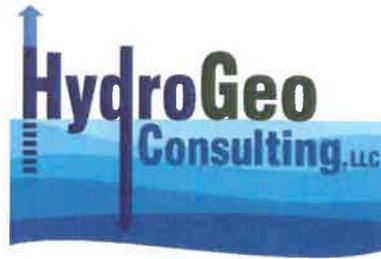
PROFESSIONAL CERTIFICATION:

Professional Engineer, #46050,
FL

Envision Sustainability
Professional, #38775

Michael Weatherby, PG

Mr. Weatherby has more than 28 years of experience in Florida-specific water resources projects including production wells, Class I injection and Class V ASR and Recharge well design, permitting, construction, and operation. He has managed numerous fast-tracked projects and has been the Project Manager on unique benchmark projects throughout Florida.



South Hillsborough Aquifer Recharge Project (SHARP), Hillsborough County, Florida

Project Manager and Technical Leader for this 5-year project. This project is conducted as a pilot recharge system to determine if a Class V direct recharge project within Hillsborough County can provide a salinity barrier to minimize saltwater incursions, provide improvements to the Most Impacted Area (MIA), and may provide groundwater mitigation offset credits for the County. The Class V UIC permit was received from FDEP and the pilot recharge well was constructed. This is a first-in-Florida project. The well operation was initiated July 2015.

South Hillsborough Aquifer Recharge Expansion (SHARE), Hillsborough County, Florida

Project Manager and Technical Leader for this project. This project identified the future project sites for the expansion of the SHARP project. Exclusion criteria for potential well sites were developed for coastal Hillsborough County and exclusion area maps were created. In initial 16 well sites were identified and based on specific criteria, reduced down to 12 sites. Selection criteria were developed with weighting factors with coordination with the County, and the 12 sites were ranked based on the identified criteria. The top 6 well sites were selected for groundwater modeling to determine the water level improvements from aquifer recharge at these sites. The conclusions provided to the County was to expand the aquifer recharge system into 2 phases starting at sites in the Wolf Branch Creek area.

City of Fort Myers, Florida Wellfield Sustainability Project

Mr. Weatherby/HydroGeo Consulting, LLC (HGC) is the main Technical Leader for this current and ongoing project to restore the City's brackish wellfield. Salinity incursions have significantly impacted the City's wellfield such that it is limiting their ability in meeting potable water demands. In 2016, HydroGeo Consulting, LLC approached the City with an innovative approach to reverse the salinity incursions and restore their wellfields water quality allowing the off-line wells to become operational in the near future. The use of City available reclaimed water can be used to recharge the local brackish aquifer to increase the aquifer head and freshen the salinity impacted zone. This project is entering the second hydraulic evaluation phase.

Wellfield Sustainability Project, City of Fort Myers, Florida

Mr. Weatherby/HydroGeo Consulting, LLC (HGC) is the main Technical Leader for this current and ongoing project to restore the City's brackish wellfield. Salinity incursions have significantly impacted the City's wellfield such that it is limiting their ability in meeting potable water demands. In 2016, HydroGeo Consulting, LLC approached the City with an innovative approach to reverse the salinity incursions and restore their wellfields water quality allowing the off-line wells to become operational in the near future. The use of City available reclaimed water can be used to recharge the local brackish aquifer to increase the aquifer head and freshen the salinity impacted zone. This project is entering the second hydraulic evaluation phase.

ROWTP Class I Injection Well, City of Tarpon Springs, Florida

Mr. Weatherby was the Project Technical Lead for this northern most west coast Florida Class I injection well. The City was developing a new brackish groundwater source which requires reverse osmosis treatment and a concentrate disposal option. After developing a surface water outfall disposal option, the City identified that a Class I injection well is the option that has the least amount of regulatory risk and compliance issues. Coordination with FDEP UIC was critical to the success of this fast-tracked project. The project was built in parallel with a new 6 MGD ROWTP and is the primary RO concentrate disposal option for the City. Mr. Weatherby managed the technical components, site resident staff, contractor, construction budgets, permitting, and training of client staff to ensure permit compliance.

Polk Power Station ROWTP Class I Injection Well Construction, Tampa Electric Company, Polk County, Florida

Mr. Weatherby was the Project Manager, Technical Leader, and Principal Hydrogeologist for the construction oversight of two 8,000 feet deep Class I deep injection wells for the Tampa Electric Company new ROWTP. The exploratory injection well was designed as the deepest permitted injection well in the state of Florida. This project included 24/7 oversight construction for over 3 years of construction and evaluation of formations for confinement and injectivity. The wells became operational March 2015. Currently the Technical Lead for the operational permitting of the project.

Cypress Lake Class V Injection Well Feasibility Study, Osceola County, Florida

Mr. Weatherby/HGC is the Project Technical Lead for the RO concentrate disposal options study, FDEP UIC Class V Group 4 permitting, Water Quality Criteria Exemption (WQCE) and bidding documents development for the Central Florida Water Cooperators. The study evaluated wastewater blending, agricultural water blending, surface water blending, concentrate reduction options, and deep well disposal. Due to the costs associated with deep injection below the USDW in Central Florida, the project shifted to become the first Class V injection well for RO concentrate in Central Florida (designed to Class I industrial injection well standards). This project was recently permitted by FDEP and is entering the construction phase.



DAVID YONGE, PHD, PE

Water Supply and Distribution Planning

David is a professional engineer with expertise in wastewater and water treatment. He assists municipal clients with water master plans that focus on developing and implementing cost-effective solutions. David currently serves as the Chair of the FSAWWA Region IV Technical and Education Committee and sits on the AWWA Emerging Water Quality Issues and Emergency Response and Security Committees.

SELECTED PROJECT EXPERIENCE

[Potable Water Master Plan | Charlotte County, Florida | Project Manager](#) | David is managing this project to assist Charlotte County Utilities with developing a Potable Water Master Plan. The purpose of the Master Plan is to present to the public a distribution, transmission, water source, storage, and treatment system for Charlotte County that addresses present and future needs of the customers.

[Water System Risk and Resiliency Assessment | Pinellas County, Florida | Project Manager](#) | David serves as the Project Manager and Water System Asset Leader. He has prepared workshop materials and is an assistant facilitator. He conducted site visits for the water system assets and conducted interviews of operators and County staff. He serves as the QC reviewer for the risk analysis and is the lead contributor to the benefit-cost analysis.

[Annual Report | Charlotte County, Florida | Project Engineer](#) | As the Project Manager and EOR, David was responsible for overall project coordination and technical accuracy and managing the schedule and the budget. As the Water System Technical Lead, David completed site visits to the County's ROWTP and water supply connection points. He worked with County staff to identify necessary improvements at the various locations.

[Utilities Water System Program Management Modeling | Pinellas County, Florida | Engineer](#) | David identified new monitoring locations for Stage 2 Disinfectants and Disinfection Byproducts Rule compliance by performing water quality modeling simulating the County's recent changes in operation at the Keller High-Service Pump Station and North Booster Pump Station.

[Unidirectional Flushing Plan | City of St. Cloud, Florida | Project Manager](#) | David reviewed each flushing plan, developed spreadsheets to track the effectiveness of the plan, and divided responsibilities between the teams. He also served as a reviewer of the plans, provided updated to the client and FDEP, observed flushing in the field, and provided support to City staff.



AREAS OF SPECIALIZATION:

- Water Treatment
- Water Quality Analysis
- Water Reclamation
- Membrane Treatment Process
- Sulfide Treatment
- Conventional Filtration
- Disinfection
- Injection Well/UIC Permitting

YEARS OF EXPERIENCE: 9

EDUCATION:

Doctor of Philosophy,
Environmental Engineering

Master of Science,
Environmental Engineering

Bachelor of Science,
Environmental Engineering,

Bachelor of Science, Civil
Engineering

PROFESSIONAL

CERTIFICATION:

Professional Engineer, #85457,
FL

AWWA Utility Risk and
Resiliency Certificate of
Completion

PETER SIMMS, PE

Water Supply and Distribution Planning

Peter is the Manager of Jones Edmunds' Gainesville Utilities Infrastructure Department. He has a background in civil engineering and has focused on the design and rehabilitation of wastewater collection and water distribution systems. Before rejoining Jones Edmunds last year, Peter spent 3.5 years managing Gainesville Regional Utilities' (GRU) collection and distribution system rehabilitation programs. His responsibilities ranged from budgeting and planning to field data collection to rehabilitation recommendation and implementation. He also coordinated with GRU's O&M staff, lining and inspection contractors, and engineering consultants to create an efficient inspection and rehabilitation program.

SELECTED PROJECT EXPERIENCE

Water Treatment Plant No. 1 Raw Water Pumping Design | On Top of the World Communities, LLC, Florida | Engineer Intern | Peter supported this project that designed services upgrades for WTP No. 1 identified in the OTOW Water System Modeling Study Master Report.

Golden Ocala Water System Master Plan | Marion County, Florida | QA/QC | As a subconsultant to Tillman, Peter is conducting all water system modeling to determine the improvements that would need to be made to existing WTPs and any potential transmission improvements.

Burnt Store Roadway Phase 2 Utilities | Charlotte County, Florida | Project Manager | As a subconsultant, Peter managed this project and served in a water model master planning QC role. The modeling is to assist in sizing water mains, sewer force mains, and reclaimed transmission mains that are required to serve future developments.

US 301 Interconnect and Booster Pump Station | City of Zephyrhills, Florida | Project Engineer | Peter was responsible for the design of the water main and booster pump station. He performed field testing for model calibrations of the water systems, performed multiple hydraulic model simulations for the interconnect, wrote the preliminary design report, created the design drawings, and coordinated the design with FDOT.

GRU Galvanized Water Main Replacement Program (Fiscal Years 2015–2019) | While working for GRU, Peter was responsible for developing a water main replacement program that consisted of using available historical asset management data from such as pipe breaks and low-pressure complaints, GIS data, and hydraulic modeling results to create a ranked prioritization replacement list for the utility. He then used this prioritization list to develop annual pipe replacement projects. For the designs, he was responsible for preparing design drawings, obtaining permits, evaluating fire flow demands using a hydraulic model, and managing the construction.



AREAS OF

SPECIALIZATION:

- Master Planning
- Utility Condition Assessment
- Utility Rehabilitation
- Infiltration/Inflow Reduction
- Water/Wastewater Design
- Civil Engineering

YEARS OF EXPERIENCE: 12

EDUCATION:

Bachelor of Science, Civil Engineering

Master of Engineering, Civil Engineering

PROFESSIONAL

CERTIFICATION:

Professional Engineer, Florida, No. 77031

NASSCO Pipeline Assessment and Certification Program (PACP, MACP, LACP), #U-0717-07008598

NASSCO Cured-In-Place Pipe ITCP, #CIPP-316-0201767

NASSCO Manhole Rehabilitation ITCP, #MR-316,0100340

FDOT Advanced Maintenance of Traffic Program, #16413

SEAN MENARD, PE, ENV SP
Water Supply and Distribution Planning

Sean is a Professional Engineer in Jones Edmunds' Utilities Infrastructure Department. He has a BS in Civil and Environmental Engineering with a focus on environmental hydrology. He is a member of the American Water Works Association as well as the Order of the Engineer. He has experience with ARC-GIS, AutoCAD Civil 3D, and Bentley Software.

SELECTED PROJECT EXPERIENCE

Southwest Regional Utilities Service Area Water, Wastewater, and Reclaimed Water Master Plan | Polk County, Florida | Engineer | Sean assisted with report writing, creating GIS figures and maps, and performing preliminary WaterGEMs modeling and pump station work for an update of the comprehensive master plan Jones Edmunds previously created for the County.

WRWSA Regional Water Supply Plan | Withlacoochee Regional Water Supply Authority (WRWSA) | Engineer | Sean assisted with updating the existing project recommendations and developing planning-level cost estimates of viable water supply project options. Jones Edmunds assisted with Cardo with updating the WRWSA's RWSP for 2020, with a focus on surface water, reclaimed water, and aquifer recharge projects.

Potable Water Master Plan | Charlotte County, Florida | Project Engineer | Sean is supporting this project to assist Charlotte County Utilities (CCU) with developing a Potable Water Master Plan. The purpose of the Master Plan is to present to the public a distribution, transmission, water source, storage, and treatment system for Charlotte County that addresses present and future needs of the customers.

Water System Risk and Resiliency Assessment | Pinellas County, Florida | Project Engineer | Sean drafted reports and assisted in data collection, site visits, and interviews on this project to conduct a risk and resiliency assessment for the PCU's water system as required under the recently promulgated America's Water Infrastructure Act of 2018 (AWIA).

Golden Ocala Water System Master Plan | Marion County, Florida | Project Engineer | As a subconsultant to Tillman, Sean assisted with the modeling and evaluation of multiple design alternative scenarios include fire flow analysis, pressure boosting solutions, and treatment facility improvements.

Master Plan | St. Lucie County | Engineer | As a subconsultant, Sean assisted with report writing, creating GIS figures and maps, and preliminary SewerGEMs modeling and pump station work.



AREAS OF SPECIALIZATION:

- Disinfection of Water
- Water Distribution
- Pump Stations
- Wastewater Evaluation
- Master Planning

YEARS OF EXPERIENCE: 5

EDUCATION:

Bachelor of Science, Civil and Environmental Engineering

PROFESSIONAL CERTIFICATION:

Professional Engineer, #88647, FL

Envision Sustainability Professional, #24298



Kimberly Krutski Machlus

Hydraulic Modeling/Master Planning

Kim has over 13 years of design experience in water and wastewater utilities and renewable energy alternatives. She is an experienced water distribution, water supply planning, and wastewater collection system hydraulic modeler. Her expertise encompasses master planning and modeling design projects, for which she interprets, organizes, executes, and coordinates hydraulic modeling, master planning, and design assignments. As technology has advanced significantly, Kim has kept pace with supporting software by specialized staff training and practice. She has an aptitude in GIS software to assist in hydraulic modeling efforts. Her project experience includes the following:

City of Coconut Creek Water/Wastewater/Stormwater Utilities Master Plan, Coconut Creek, FL. Project Manager oversaw development of a water and wastewater master plan for the City of Coconut Creek using existing City data and external sources. Created the water and wastewater hydraulic models and determined CIP's for the City on a 5 year basis starting from 2015 to 2030. A CIP program was developed for the City to use for the next 20 years.

As-Needed Modeling Services, City of Winter Haven, FL Project Manager responsible for as-needed hydraulic modeling services. Tasks included wastewater system hydraulic model update for Cypresswoods subdivision and the SR542 corridor utility relocation, along with a system-side water distribution model update. The City's water distribution and wastewater system hydraulic models have been used to validate and refine major CIP projects, such as pump station upgrades, as well as fire flow analysis for new developments. Modeling tasks completed in under this contract include a water distribution model update including new developments, additional infrastructure, current demands and operations procedures, wastewater system update for SR542 Corridor and the Cypresswoods subdivision.

Water, Wastewater, and Reclaimed Water Master Plan Update, City of Winter Haven, FL. Project Engineer responsible for water distribution system hydraulic modeling. The primary purpose of this project was to update the 2007 water, wastewater, and reclaimed water master plan to incorporate the multi-modal facility and define the need for new facilities.

Rainbow Water and Sewer Master Plan Update, Fallbrook, CA Project Engineer responsible for the creation of the water hydraulic model for the Rainbow Municipal Water District. This work included an estimate of the then-currently available sewer capacity and identified hydraulic bottlenecks in the trunk sewer system. The work also included estimates of the 2030 demands and loadings, preparation of Year 2030 models of the water and wastewater systems, and preparation of a phased capital improvement plan (CIP).

Disney Master Utility Plan, Western Way Expansion, RCES, Winter Garden, FL. Project Manager responsible for overseeing the water, wastewater, and reclaimed water master utility plan for a residential and commercial expansion. Analyzed the future growth and potential worst case scenario for two utilities owning and operating two separate portions of the distribution and collection systems to serve the expansion. Fire flow analysis was completed to ensure fire capacity was available for each commercial and residential parcel per governing utility requirements. In addition, a wastewater system evaluation was completed to determine infrastructure improvements where necessary for future growth.

ECDD Water, Wastewater and Reclaimed Water Master Plan Update, Celebration, FL. Project Manager responsible for overseeing the utility master plan updated for water, wastewater, and reclaimed water. Directed staff on the on the creation of hydraulic models for use in a master plan for the Celebration development located in Central Florida. Data provided by the client was analyzed and incorporated into the models. Capital improvement project recommendations were then determined to meet current and projected demand and flow capacities based on hydraulic model evaluation.

Seminole County Water, Wastewater, and Reclaimed Water Master Plan Update, Seminole County, FL. Atkins provided water and wastewater master planning services including hydraulic analysis, growth analysis, map updating, hydraulic models updating, participation in strategic planning meetings, permitting, feasibility analysis, capital improvement planning, and water and wastewater plant-flow trending. Also provided were reuse feasibility analyses; regional water-supply-planning consultation; hydraulic model development; support for capital improvement program development and project tracking; and an energy efficiency analysis of facilities and equipment with consideration for power purchasing methods. Kim was involved in the project's hydraulic modeling.

ANTHONY HOLMES, PE

Wastewater and Reclaimed Water Planning

Anthony is a Project Engineer/Project Manager in the Jones Edmunds Winter Haven office. He has over 15 years of experience in water and wastewater engineering including water supply, treatment, storage, transmission, and distribution facilities; wastewater collection, transmission, and treatment facilities; and reclaimed water storage, transmission and distribution facilities. Anthony serves as the Chair of the AWWA Standards Committee on Submersible Vertical Turbine Pumps.

SELECTED PROJECT EXPERIENCE

Sewer Master Plan | Charlotte County | Project Engineer |

Anthony evaluated the existing conditions of the WRFs; proposed expansions of the WRFs including site layouts, cost estimates, and other capital improvement projects; and provided technical write-ups throughout the Master Plan.

***Poinciana Wastewater and Water Master Plan | Osceola and Polk County, Florida | Project Engineer |** Anthony assisted with the master plan report preparation, hydraulic modeling, and improvement recommendations. The wastewater collection/transmission system consists of over 100 lift stations and four wastewater treatment plants. The water distribution system consists of six water treatment plants (some interconnected) and an elevated storage tank.

***Golden Gate Wastewater and Water Master Plan | Collier County, Florida | Project Engineer |** Anthony assisted with the master plan report write-ups, hydraulic modeling, and improvement recommendations. The wastewater collection/transmission system consists of 28 lift stations and one wastewater treatment plant. The water distribution system consists of water treatment plant and a booster station with an aboveground storage tank.

***Water and Wastewater System Capital Improvement Projects | City of North Miami Beach, Florida | Project Engineer|** Anthony assisted in preparing a water and wastewater capital improvement project report that included review of existing systems, regulatory review, demand projections, and recommended CIP projects with cost estimates and projections for the fiscal years from 2014 to 2032.

***Clean Water SRF Planning Document & Preliminary Design Report of the Integrated Wastewater Flow Management Program | City of Mulberry, Florida | Project Engineer |** Anthony assisted in this inflow/infiltration study and preliminary design. This program provides a valuable long-term solution to meet federal and state wastewater regulations and promote regional water conservation. The program consists of infiltration/inflow reduction, wastewater treatment operation optimization and process modifications, and reclaimed water transmission system.

**While with previous firm*



AREAS OF

SPECIALIZATION:

- Master Planning
- Optimization Evaluations and Studies
- Wastewater and Reclaimed Water System Engineering
- Inspection and Condition Assessment
- Capacity Analysis
- Permitting

YEARS OF EXPERIENCE: 15

EDUCATION:

Bachelor of Science, Civil Engineering

PROFESSIONAL CERTIFICATION:

Professional Engineer, #70809, FL

ESTHER KAUFMAN, PE

Wastewater and Reclaimed Water Planning

Esther has played a key role in developing water and wastewater hydraulic models for various clients. Her expertise includes developing potable water, wastewater, and reclaimed water master planning including determining improvement needs and future facility expansions. Esther has experience in developing funding and grant applications for projects specified in master planning. Esther started her career at Jones Edmunds supporting your customers by working on the Wastewater Study detailed below on her very first day. **She has worked on projects for BLCCDD, most recently worked on the 2018 WWTF Capacity Analysis Update.** She also works regularly with your development engineer, Tillman & Associates Engineering.

SELECTED PROJECT EXPERIENCE

Wastewater Transmission Master Plan Study | On Top of the World Communities, LLC. | Engineer | Esther supported a wastewater transmission system study to support the planning and development of residential communities and commercial areas at a 13,150-acre site, which will serve approximately 66,000 residents.

Golden Ocala Water System Master Plan | Marion County | Project Engineer | As a subconsultant to Tillman, Esther performed hydraulic water modeling evaluations in support of master planning efforts.

Master Wastewater Feasibility Study | Marion County | Task Manager | Esther is leading the effort to develop a Master Wastewater Feasibility Study for the Rainbow and Silver Springsheds Basin Management Action Plans. She is directing the hydraulic modeling that will assist the County on where to invest infrastructure dollars in support of developing a feasible septic to sewer plan.

Demand Projections | Marion County | Project Manager | As a subconsultant to Tillman, Esther performed an in-depth review of water demand and wastewater flow projections by using historical data and similar community information. She used this information to develop demands and flows in support of master planning.

Southwest Regional Utilities Service Area Water, Wastewater, and Reclaimed Water Master Plan | Polk County | Wastewater and Reclaimed Water System Modeler | Esther updated the previous wastewater model to incorporate system improvements and flow projections provided by the client, developed the reclaimed water model, calibrated the models to incorporated collected field data, and used the model to develop a capital plan that will allow the County to provide the desired level of service throughout the planning period.

Master Plan for Wastewater Collection and Conveyance System and Water System | City of Zephyrhills | Project Engineer | Esther was the technical lead, coordinated with the client for field collection data services, and performed hydraulic modeling and report writing.



AREAS OF SPECIALIZATION:

- Water and Wastewater Hydraulic Modeling
- Pump Station Rehabilitation
- Permitting and Reporting

YEARS OF EXPERIENCE: 14

EDUCATION:

Bachelor of Science,
Mechanical Engineering

Bachelor of Arts, Linguistics

Master of Engineering,
Environmental Engineering
Sciences

PROFESSIONAL CERTIFICATION:

Professional Engineer,
#74012, FL

SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

Our Capacity

Jones Edmunds is prepared to commit the necessary resources to achieve all project goals and to meet BLCCDD’s time and budget requirements. We understand the importance of timeliness and, therefore, with an effective work management plan we can draw on our large network of Company-wide resources (if necessary) to complete this project on schedule. However, we believe the local team presented will suffice to complete this project. **With our extensive experience providing this type of service, we can accurately project the time and resources needed to perform the work efficiently and cost-effectively.**

We specifically broke the project team into three sub-teams on our org chart: Integrated Planning, Water Supply and Distribution, and Wastewater/Reclaimed Water. Since we assisted BLCCDD with your most recent Master Plans, we know that they were completed at different times. We envision updating these Master Plans as individual documents by the separate teams with an eye toward integration along the way. The Integrated Planning Team will work in parallel to the existing Master Plan updates to create the new Integrated Water/Wastewater Resource Master Plan.

Of our 126 associates, 53 of whom are registered professionals within their fields, and many others have professional certifications relevant to the services BLCCDD will need for this project.

Jones Edmunds at a glance...

Professional Engineers (PE)	50
Professional Geologists (PG)	3
Geographic Information Systems Professionals (GISP).....	4
Certified Floodplain Managers (CFM)	4
Envision Sustainability Professionals (ENV SP).....	5
LEED Accredited Professionals (LEED AP).....	3

Our Workload

Jones Edmunds understands the value our clients place on working with partners who are available and accessible to their staff and project sites. Our entire project team (including subconsultants) can meet with BLCCDD staff on very short notice, and our field visits will require minimal travel time.

We reviewed our current allocation of personnel resources on active and potential future projects in conjunction with the resources needed for this project. Based on this analysis as well as commitments from our subconsultants, **we are prepared to dedicate the resources identified in this proposal to properly complete this project as proposed – on time and budget. In his role as QA/QC on this project and as our Managing Director of Utilities Infrastructure, Brian Icerman has the knowledge and formal authority to ensure that the right project team is assigned and remains on the project.**

The table on the following page demonstrates our team personnel’s availability for the duration of the project. It is based on our knowledge of current workload backlog and the available hours of our project-focused staff, assuming we maintain current staff levels, and accounts for current projected bookings.

SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

AVAILABILITY FOR DURATION OF THE PROJECT											
Team Personnel	% Avail.	10	20	30	40	50	60	70	80	90	100
John Horvath, PE	40%										
Brian Icerman, PE, ENV SP	25%										
Doug Young, PE, CDT	30%										
Tom Friedrich, PE, BCEE	25%										
Michelle Hays, MS, PG	30%										
Brett Cunningham, PE, ENV SP	30%										
Mike Weatherby, PG	40%										
David Yonge, PhD, PE	30%										
Peter Simms, PE	25%										
Sean P. Menard, PE, ENV SP	40%										
Kim Machlus	40%										
Anthony Holmes, PE	25%										
Esther Kaufman, PE	25%										

Our Quality Control Process

The Jones Edmunds Quality Program provides direction, guidance, and tools to perform consistent and excellent-quality work for clients. The Quality Program will apply quality assurance/quality control (QA/QC) to all phases of this project. Our QA/QC process begins with a clear understanding of the scope of work, BLCCDD’s expectations of Jones Edmunds and for the project, and the required level of effort. QA/QC performed effectively early and continually throughout a project results in good decisions being made at the right time with an overall increase in efficiency, quality, and client satisfaction while reducing project costs and overruns.

John Horvath will be responsible for assigning and coordinating the QA/QC team and adequately staffing the project to meet your quality requirements as well as those of our company. Brian Icerman, who is also our Managing Director of Utilities Infrastructure, will ensure that the project adheres to BLCCDD’s and our quality standards.

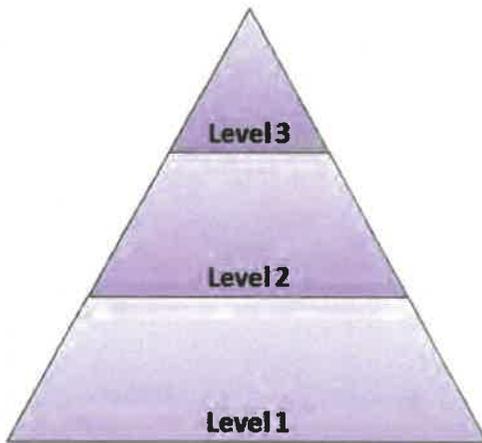
John, while key to the QA/QC process, does not bear the responsibility alone. One of the strengths of our QA/QC program is that it incorporates involvement from all levels of staff, from construction engineering and inspection team to corporate officers. John and Brian have the shared responsibility to see that suitable project reviews take place and are responsible for rigorous reviews throughout the life of your project.

These QA/QC procedures are developed and implemented on all our projects to protect our clients, ensuring you get the best service possible. We rely on 85% of work from repeat clients. We know that without a quality project, there may not be another project. Therefore, quality work and client satisfaction are deeply engrained in our culture.

The sections below explain our typical QA/QC process for a design project, which may include major QA/QC objectives that fall into the categories of design, document control, and construction administration, as requested in the RFQ. Since this project will not include preparation of design plans or construction services, we *italicized* how the typical process will be adapted for a Master Planning effort.

SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

Design – QA/QC during design includes working closely with BLCCDD for approval of the project concept and approach, site visits during design to verify field conditions and constructability, recurring team meetings, and addressing BLCCDD comments on the design. Our work product is reviewed in a three-level QC process before delivery to BLCCDD:



Level 1 Reviews are reviews by the Engineer of Record. This includes cross checking work of other disciplines.

Level 2 Reviews involve peer review of the work, including the work of our subconsultants, by engineers who are not involved in the day-to-day production, and include constructability and construction cost estimate review by experienced construction professionals.

Level 3 Reviews are performed by the Project Manager to ensure the work product meets contract requirements and the client's expectations and by a Senior Reviewer focused on the project concept, arrangement, risk elements, and critical success factors.

The overall concept still applies. Project team members will perform Levels 1, 2, and 3 checks on the Master Plan just as you would a plan set. Perhaps more importantly, there will be intermittent reviews of detailed items such as the water model, costing data, and conceptual projects before we spend valuable time and BLCCDD money documenting these items in the Master Plan. Our collaborative process internally and externally ensures that key technical items are reviewed, discussed, and vetted before report sections are written. Obtaining buy-in on report details before writing it streamlines the report QC process. The reviews at this point can focus on how the Master Plan is communicating the ideas.

We understand that our knowledge and ideas are only as good as we can communicate them. Our QA/QC team will work diligently to ensure that BLCCDD receives a Master Plan that will guide utility decisions along to successful full build-out.

Document Control – Successful document control, communication, and team meetings do not simply just happen. They develop because of well-considered plans and experienced individuals ready to lead projects to success. Jones Edmunds has well-established methods for achieving these results and providing innovative engineering planning services. Jones Edmunds knows the importance of establishing a strong communication and document control plan at the initial meeting with the client and project team. To accomplish this, the entire team will need to be well prepared and have vetted plans. We also successfully use tools such as MS Teams and OneDrive to hold meetings and share files among our team and with you.

Regardless if the project is design or master planning, document control is essential. The effects of COVID-19 have emphasized the importance of document control and communication. With little warning, we moved all staff into work-from-home status in a matter of days. Traditional document control and communication processes were no longer feasible in this new working environment. One of the biggest strides we noticed early on was that our teams were leveraging software products to complete tasks never believed possible to complete remotely.

SECTION 2 – TECHNICAL AND OPERATIONAL CAPABILITIES

This is important as we assemble this team that will be cross-office. We have always believed that we do project work and QC cross-office well, but over the past 3+ months we have truly taken it to another level.

Construction Administration – Construction Administrators/Resident Observers and other experienced construction personnel contribute to QA/QC in many ways. Common Jones Edmunds’ practices to promote quality include constructability review of contract documents, review of Jones Edmunds’ construction-cost opinions, construction observation, shop drawing review, responsive communication with client and contractor, progress reporting to the Project Manager, and negotiations to resolve problems cost effectively for the client.



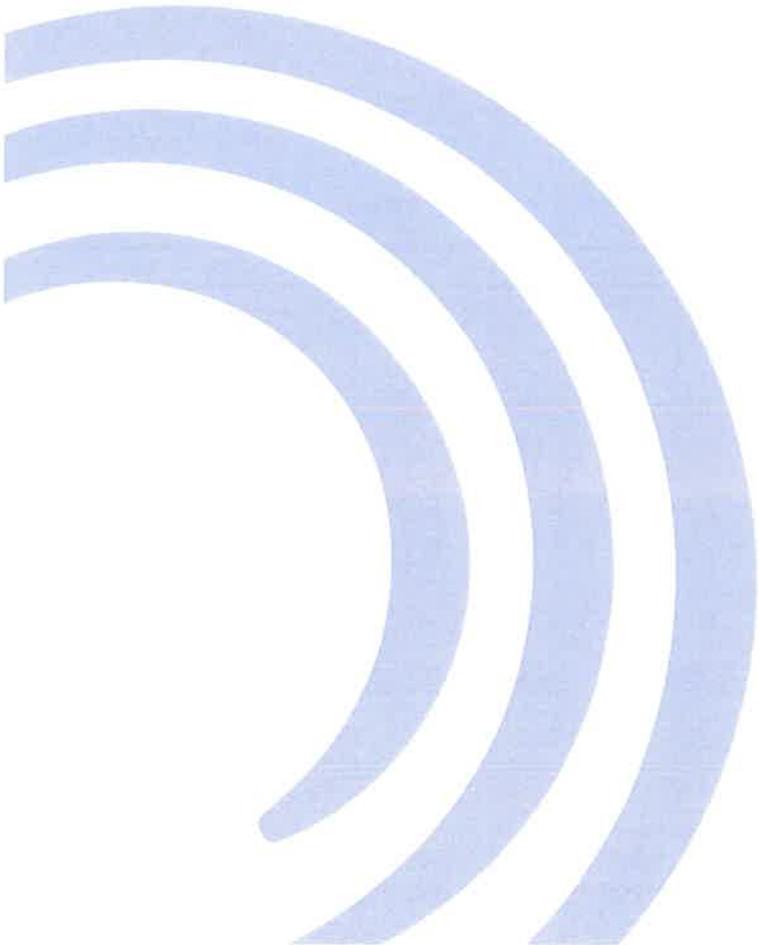
Construction personnel provide feedback to the Managing Director to keep them informed of construction issues related to the quality of Jones Edmunds’ work product.

This project may not require construction administration, but that does not mean that construction QA/QC is eliminated. We believe in the value of construction staff being involved – even on high-level master planning projects – to ensure construction feasibility and up-to-date costs are used. During this master planning project, there may not be enough details for a construction professional to determine, “Yes, that can 100% be built as conceptualized.” However, we typically do have enough details for our construction professionals to quickly raise a red flag when a project is definitely not feasible. These construction reviews are essential to successfully implementing a Capital Improvement Plan.



SECTION 3

FIRM HISTORY AND QUALIFICATIONS



SECTION 3 - FIRM HISTORY
AND QUALIFICATIONS

SECTION 3 – FIRM HISTORY AND QUALIFICATIONS

We offer the experience and qualifications needed to help BLCCDD address your utilities master planning needs so you can plan for future growth and build-out. We have highlighted specific examples of this experience in this section. The discussion below further discusses our experience and capabilities that may be required for the master plan.



We have successfully helped communities throughout Florida develop plans that allow them to identify and cost-effectively fix deficiencies and plan for the systems and programs to accommodate growth. While each type of master plan entails specific requirements, Jones Edmunds' general approach to completing and implementing master plans can entail data gathering and evaluation, infrastructure assessments and reporting, facilities upgrade alternatives, modeling, ordinance review, operations and program review, asset management, master plan report development, and capital improvement plan development.

We will work closely with you to tailor our approach to address your specific needs, concerns, and goals. Our expertise in system modeling, GIS, permitting, and cost estimating blend to allow development of a quality master plan that is dynamic and can grow with your needs. Jones Edmunds is also experienced with developing alternative water supplies studies, consumptive use permitting, and comprehensive water supply planning.

For our water, wastewater, and reclaimed water master planning, our hydraulic modeling expertise is key. Our staff has considerable experience with water and wastewater system hydraulic modeling, system evaluation studies, system facilities design, and infiltration and inflow studies. When all of these elements are integrally linked, along with an effective operation and maintenance program, the lowest life-cycle cost is provided for the system. Our engineers work closely with our GIS team to develop site-specific population projections, average daily flows, sewersheds, etc. Through this engineering and GIS integration, Jones Edmunds is able to deliver more effective modeling and hence more effective master planning for less.

SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2016

Owner and Contact:

St. Johns County
William (Bill) Young
1205 State Road 16
St. Augustine, FL 32084
904.209.2703
byoung@sjcfl.us

General Contractor: NA

Engineer: Jones Edmunds
and CDM Smith

INTEGRATED WATER RESOURCES PLAN St. Johns County

Traditional groundwater supplies are not likely to meet St. Johns County's potable water demands over the next 20 years. This plan identifies the combination of alternatives that best meets the County's multiple objectives. The Plan provides a road map for the County to implement short-term and long-term water resources solutions through 2040.

Jones Edmunds, in conjunction with CDM Smith, developed the County's IWRP, identifying the combination of alternatives projected to best meet the County's multiple objectives for the five inter-connected water treatment and distribution systems (e.g. water quality, water supply, and natural systems). The IWRP will help the County optimize solutions that help achieve multiple objectives, such as developing RSTs to reduce nutrients to achieve a TMDL

requirement while providing stormwater harvesting alternatives to the growers that help reduce demands on groundwater supplies. The specific objectives of the IWRP are as follows:

- Define the Future Water Needs of the Community
- Develop a Computer Model
- Produce a Plan

To achieve these objectives, we first defined the existing and future conditions and constraints. Conditions included items such as capacities for water, wastewater, and reclaimed water systems. Constraints included items such as likely regulatory constraints to achieving additional capacity from the existing water, wastewater, and reclaimed water systems as well as issues regarding compliance with Total Maximum Daily Loads (TMDLs). We then performed a gap analysis using GIS to generate snapshots of the SJCUD services needs for 2012, 2015, 2020, 2030, and 2040, where we generated up to 30 options that could be implemented to fill gaps in timing and capacity. From there, we developed the Decision Support Model (DSM) in STELLA. We used the DSM to evaluate and test alternatives, and ultimately prepared the IWRP.



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2015

Owner and Contact:

BLCCDD
Bryan Schmalz
Utility Director
8470 SW 79th Street Road
Suite 3
Ocala, FL 34481
352.414.5454, ext 4105
bryan_schmalz@blccdd.com

General Contractor: NA

Engineer: Jones Edmunds

WASTEWATER TREATMENT FACILITY MASTER PLAN UPDATE, Bay Laurel Center Community Development District

Jones Edmunds prepared a Master Plan Report to assist BLCCDD in long-term planning for the upgrade and expansion of wastewater treatment facilities (WWTF) for the On Top of the World (OTOW) development in Marion County. A primary focus of the Master Plan Report was to evaluate wastewater treatment alternatives necessary to comply with the proposed Marion County Springs Protection Program nitrogen limits for permitted domestic wastewater treatment facilities within the Rainbow Springs protection areas. These alternatives included upgrading and/or expanding the existing BLCCDD South WWTF as well as alternatives for a new BLCCDD Central or North WWTF.

Wastewater treatment alternatives were prepared for each upgrade and/or expansion phase and were compared in terms of construction, operation, and maintenance costs. The lowest-cost alternative for each phase was further evaluated in terms of available site area and feasibility of construction. A recommended wastewater treatment alternative was provided for each phase, and a preliminary opinion of total construction cost was provided that includes applicable costs for residuals storage and dewatering facilities, reclaimed water storage, reject water storage, and effluent pumping.



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: On going

Owner and Contact:

Charlotte County
Dave Watson
Service Manager Utilities
Department
25550 Harbour View Road,
Suite 1,
Port Charlotte, FL 33948
941.764.4509
dave.watson@charlottecountyfl.gov

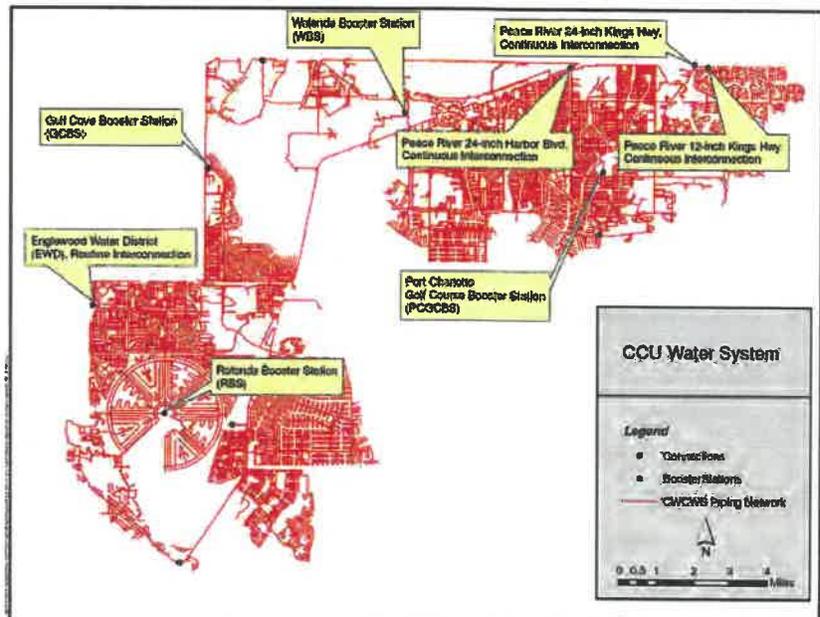
General Contractor: NA

Engineer: Jones Edmunds

POTABLE MASTER PLAN, Charlotte County

Jones Edmunds is assisting Charlotte County Utilities (CCU) with developing a Potable Water Master Plan. The purpose of the Master Plan is to present to the public a distribution, transmission, water source, storage, and treatment system for Charlotte County that addresses present and future needs of the customers. The Master Plan will identify major transmission, water source, storage, and treatment facilities needed through the planning horizon of 2050, including trigger-based implementation strategies that allow timely implementation of needed improvements while providing the County with the flexibility to adapt the plan as its needs and priorities evolve with customer, regulatory, community, and regional drivers.

Jones Edmunds has already completed a Risk and Resilience Assessment (RRA) required by the America's Water Infrastructure Act of 2018 (AWIA) for all community water systems serving populations greater than 3,300 persons to assess the risks to and resilience of its system. We are now preparing the Emergency Response Plan (CCUERP), a disaster-specific plan and addresses issues involved with the coordination of local, state, and federal response resources.



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2015

Owner and Contact:

JEA
George Porter
Water/Wastewater Systems
Planning Specialist
PO Box 4910
Jacksonville, FL 32201-4910
904.665.8965
portgl@jea.com

General Contractor: NA

Engineer: Jones Edmunds

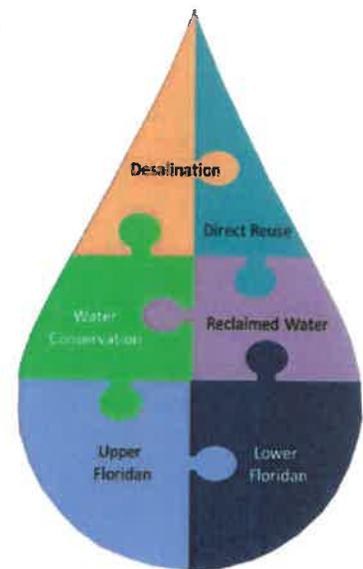
ALTERNATIVE WATER SUPPLY MASTER PLAN JEA

The Alternative Water Supply (AWS) Master Plan identified the proposed facilities and non-traditional water sources that JEA will develop to provide water supply within the JEA service area when such sources are needed to supplement groundwater and reclaimed water use. Options included aquifer replenishment with reclaimed or surface water, potable reuse of reclaimed water, and surface water. The feasibility evaluation for sources considered included:

- Source type
- Source quantity range available
- Regulatory and permitting issues
- Ability to meet user needs
- Public acceptance issues
- Projected costs
- Time required to implement each option evaluated
- Ranking of the evaluated sources in consideration

Before developing the final AWS Facilities Master Plan, the Jones Edmunds team conducted a preliminary screening of options and selected three strategies for further study. Our preliminary screening provided a detailed investigation of the three strategies that were advanced for further investigation:

- Lower Floridan/Fernandina South Grid – Brackish Quality
- Surficial Aquifer near St. Johns River – Brackish Quality
- Desalination at Northside Generating Station Location



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2017

Owner and Contact:

Charlotte County
Bruce Bullert, PE
Engineering Services
Manager
25550 Harbour View Road,
Suite 1,
Port Charlotte, FL 33948
941.764.4509
bruce.bullert@charlottecountyfl.gov

General Contractor: NA

Engineer: Jones Edmunds

BLUE WATER STRATEGY

The goal of the project is to collaboratively develop and prepare a 20-year implementation plan to create an affordable, reliable, and efficient wastewater collection and treatment system for a sustainable environment.



SEWER MASTER PLAN, Charlotte County

Charlotte County developed the Blue Water Strategy, which aims to enhance community life by ensuring and sustaining the quality of natural water resources to protect and provide a safe water supply, a recreational haven, and an environmental resource. The Strategy consists of four key components: wastewater, reuse, stormwater, and drinking water. The County then selected Jones Edmunds to prepare individual Sewer Master Plans for the County's three sewer service areas and to combine them into the County-wide Sewer Master Plan.

Our work included developing and preparing with public input an affordable, reliable, and efficient collection and treatment system plan to address the needs of existing customers while providing central sewer for the appropriate areas in the County. The plan identified major transmission and treatment facilities improvements and/or expansions that will be required to provide reliable sewer service for full system build-out, while developing a flexible plan that can be phased over time to allow the County to address variable population growth and evaluate available revenues and funding sources that become available.

We developed a GIS-based model that incorporates current residential units, existing sewers, existing septic tanks, growth and population projections, soil types, depth to surficial groundwater, estimated nutrient loads, and a capital and O&M cost estimating tool for different sewer technologies. The GIS-based model uses both environmental and cost data to prioritize the areas to sewer for the three County sewer service areas.

The final product included priority plans for septic to sewer conversions, recommended wastewater transmission and treatment improvements or expansions, CIP for the recommended sewer and wastewater infrastructure program, and a funding model to allow evaluation of revenue sufficiency, appropriate debt coverage, funding sources, and homeowner assessments. The County will be able to reassess the septic-to-sewer prioritization plan routinely to evaluate the next phases and confirm needs for next phases of central sewer expansions.

To facilitate the plan's adaptability and to allow integrations into the CIP, we developed project fact sheets for the recommended improvements that provide triggers for implementation including predecessor/successor projects. Our team also participated in multiple County, BOCC, and public meetings to present the plan and receive input on the recommendations.

SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2018

Owner and Contact:

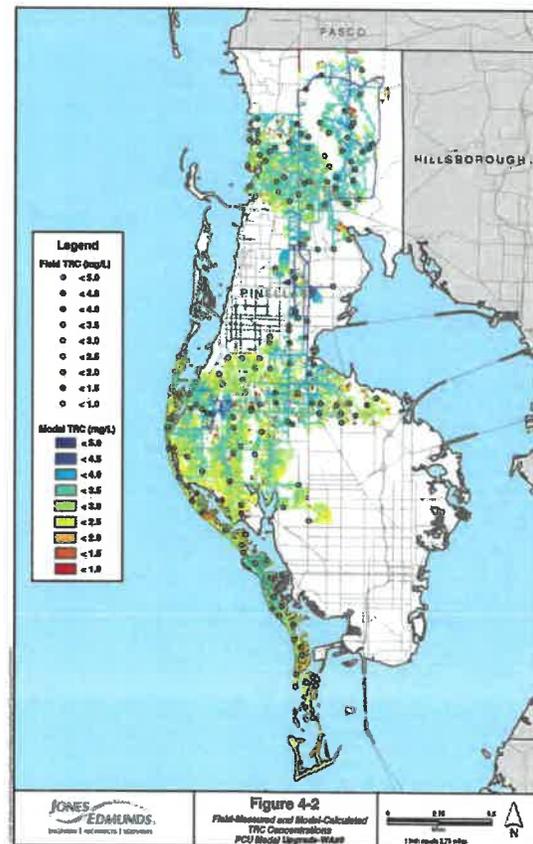
Pinellas County
Steve Soltau
Utilities Operations Manager
6730 142nd Ave N
Largo, FL 33774
727.453.6990
ssoltau@pinellascounty.org

General Contractor: NA

Engineer: Jones Edmunds

WATER MASTER PLAN Pinellas County

Jones Edmunds conducted a phased approach to implement a water quality study, blending study, and chemical treatment evaluation to resolve water quality problems within the Pinellas County Water System (PCWS) after conversion to chloramine disinfection in 2002. PCWS is a consecutive system that receives water from Tampa Bay Water from three sources – groundwater, surface water, and water. We developed a County-wide WaterGems® hydraulic model and updated the model in 2010 to address water quality issues with distribution system nitrification issues due to chloramines. We used water quality modeling to plan the system improvements to reduce the flushing volume. The water quality model results were used to help develop the short- and long-term improvements to mitigate nitrification issues in the low-water-use areas along the north and south beaches. Our model results showed that the proposed improvements significantly reduce the flushing volume by 300 MGY, resulting in significant cost savings. PCU adopted the results of this project as a 5-Year Water Master Plan to improve the water system operations and reduce costs.



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2016

Owner and Contact:

Polk County
Mark Addison, Community
Investment Program
Manager
1011 Jim Keene Blvd. Winter
Haven, FL 33880
863.298.4100
[markaddison@polk-
county.net](mailto:markaddison@polk-county.net)

General Contractor: NA

Engineer: Jones Edmunds

SWRUSA WATER, WASTEWATER, AND RECLAIMED WATER MASTER PLAN, Polk County

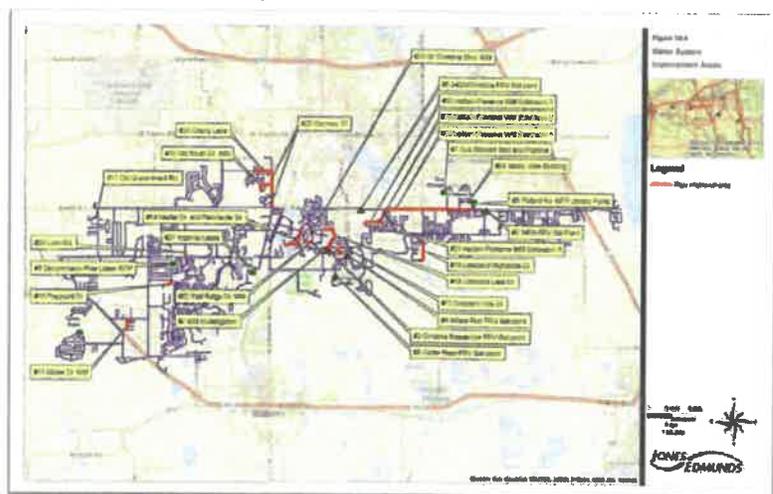
Polk County Utilities (PCU) has the following key responsibilities:

- Produce and distribute 14 MGD of potable water
- Collect and treat 5.7 MGD of wastewater
- Produce and distribute 5.1 MGD of reclaimed water for irrigation

The Southwest Regional Utility Service Area (SWRUSA) encompasses approximately 52 square miles. Within SWRUSA, PCU owns and operates 215 miles of potable water mains, eight water production facilities, 50 miles of wastewater force mains, 103 miles of wastewater gravity sewers, one regional wastewater treatment facility, and 58 miles of reclaimed water mains.

In December 2007, Jones Edmunds prepared a Master Plan that identified improvements needed to meet projected flows through 2030. The Plan assumed a growth rate reasonable for economic conditions at that time. However, observed growth patterns for the following 7 years varied from expected growth projections.

In 2015, Jones Edmunds performed a complete update of the Master Plan that it created in 2007. The project included obtaining and analyzing existing data; developing and implementing a field testing plan to obtain additional critical information regarding the actual operational conditions of the potable water, wastewater, and reclaimed water systems; conducting site visits to all major facilities to assess their physical condition; developing system demands; updating the hydraulic models, running model scenarios, calibrating the models, and identifying issues within each system; evaluating existing permit conditions and future regulations that may affect the operation of the utilities; and generating a CIP list along with estimated project costs. Evaluations were provided for the short term (next 2 to 5 years) and long term (10 to 25 years). A comprehensive final report documented all activities.



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2016

Owner and Contact:

Pinellas County
 Kelli Hammer-Levy, MS,
 CPM
 Director of Public Works
 22211 US 19 N, Bldg 10
 Clearwaer, FL 33765
 727.464.4425
klevy@pinellascounty.org

General Contractor: NA

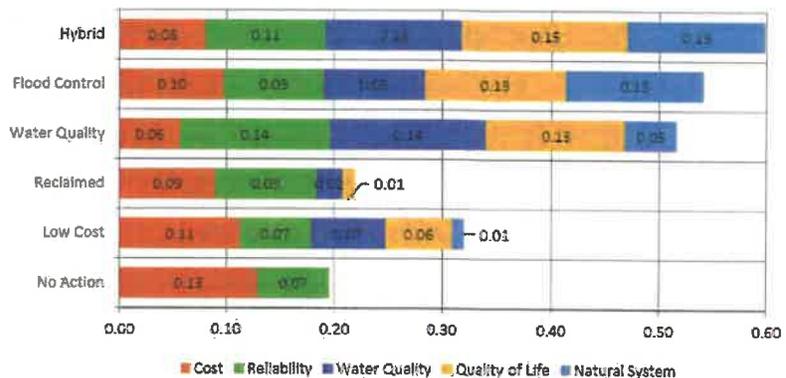
Engineer: Jones Edmunds
 and CDMSmith

INTEGRATED WATER RESOURCES MANAGEMENT PLAN

Pinellas County

Pinellas County has the overall goal of protecting water resources in the County in the most cost-effective manner. The County formed an intra-departmental task force, known as the Integrated Water Resources Team, to plan this more integrated approach to environmental stewardship. Jones Edmunds then worked with the team to develop a list of between 20 and 30 project options and facilitate discussions on grouping options together based on specific themes (e.g., lowest cost, greatest improvement to load reductions) to create between eight and ten alternatives. These objectives guided the formulation of alternatives for capital improvements and resource management. For this scope of work, the programs considered were water, wastewater, reclaimed water, surface water, and solid waste.

The IWRMP provided an overall plan including projects and activities related to four sets of planning horizons: very short-term for the next 1 to 2 years; short-term for the next 5 years; medium-term for the next 25 years; and long-term for 50 years and greater, generally related to climate-change issues. We completed a resiliency analysis that evaluated the impact of various sea-level-rise scenarios on County water, wastewater, and stormwater infrastructure. We used this evaluation to assess the timeframe and likelihood of infrastructure replacement and upgrades and how these would impact future development scenarios. We also considered the timeframe and likelihood of sea-level-rise impacts as part of the resiliency of proposed project options for the evaluated planning horizons.



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2018

Owner and Contact:

City of Zephyrhills
John Bostic
Utilities Director
813.780.0008
5344 9th Street
Zephyrhills, FL 33542-4312
jbostic@ci.zephyrhills.fl.us

General Contractor: NA

Engineer: Jones Edmunds

WATER AND WASTEWATER MASTER PLANNING City of Zephyrhills

For the water system, we implemented a two-phased project to assess the current system integrity and update the existing Water Master Plan developed in 2012 and provide budgetary estimates for related Capital Improvement



Projects (CIP) at a planning level. In the first phase, we gathered data from the City and prepared a calibrated hydraulic model. In the second phase, we worked closely with the City Operations Staff to identify areas of concern related to flow, pressure or water quality to help define CIP projects and long-term planning for those projects.

Jones Edmunds also conducted a multi-phased project to create a Wastewater Master Plan for the City. The City needed a plan to identify concerns and deficiencies within their wastewater collection and treatment system. The first phase laid the foundation for providing a complete 5-year master plan for the wastewater system. We partnered with City staff to collect accurate field data on all operating lift stations and pumping stations, gathering pump-down information and pressure data. These data were used to create a calibrated hydraulic model of the collection system including a limited portion of the gravity system and all known components of the pressurized collection system. This model does not include large portions of the gravity systems around the City because this was not in the scope of services. However, information on the gravity collection system was obtained from the City Staff for identifying areas concerned with inflow and infiltration. In addition, this phase identified and included a discussion of current population and demands, capacities of the system, and the five areas of future expansion and upgrades.

Phase 2 involved assessing the current system capacity, preparing a Master Plan for the City's wastewater collection and conveyance system, and then providing budgetary estimates for related CIP at a planning level. The Master Plan looks ahead 5 to 25 years to identify areas of concern and civic projects as well as costs associated with these projects. We also continue to provide as-needed, on-call engineering for the City of Zephyrhills for planning support.

SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: Ongoing

Owner and Contact:

Marion County
Kevin M. Vickers, PE
Senior Utilities Engineer
11800 SE US Highway 441
Bellevue, FL 34420
352.307.4624
Kevin.vickers@marioncountypfl.org

General Contractor: NA

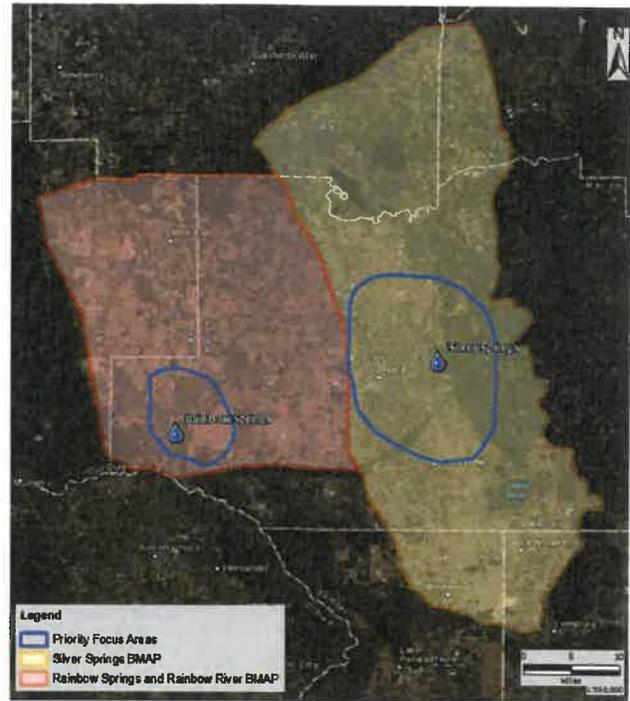
Engineer: Jones Edmunds

MASTER WASTEWATER FEASIBILITY STUDY Marion County

Jones Edmunds is providing professional engineering services to support the development of a Master Wastewater Feasibility Study for the Rainbow and Silver Springsheds BMAPs. The project has a special focus on the PFAs and the BMAP areas. The Study outlines planning-level strategies for

phasing out OSTDS to reduce wastewater load-reduction requirements over the next 20 years as defined in the Silver Springs and Upper Silver River and Rainbow Spring Group and Rainbow River BMAP. Service areas outside these BMAPs are being assessed as a part of the Study based on a predetermined lot size density and as directed by Marion County Utilities (MCU). The work includes stakeholder engagement, community interest/special interest group meetings, and general public outreach. The Jones Edmunds team is helping to develop and give presentations detailing project background and status, next steps, and inviting public input. This includes assisting with the developing of web material, handouts, and other information as requested. This project is being 100% funded by FDEP.

Silver Springs and Rainbow Spring Group
BMAP and PFA Areas



SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Year Completed: 2016

Owner and Contact:

St. Johns County
Larry Miller, PE
1205 State Road 16
St. Augustine, FL 32084
904.209.2624
lmiller@sjcfl.us

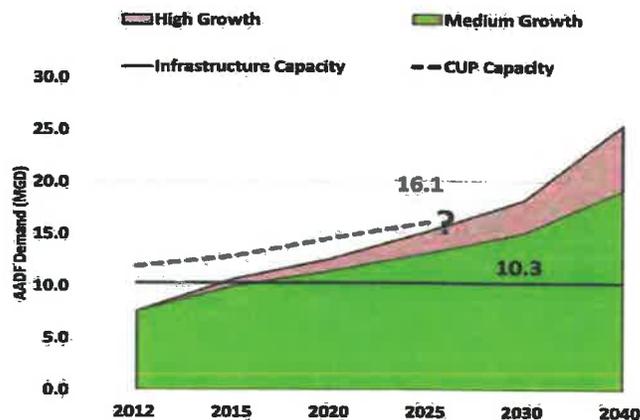
General Contractor: NA

Engineer: Jones Edmunds

WATER CONSERVATION PLAN

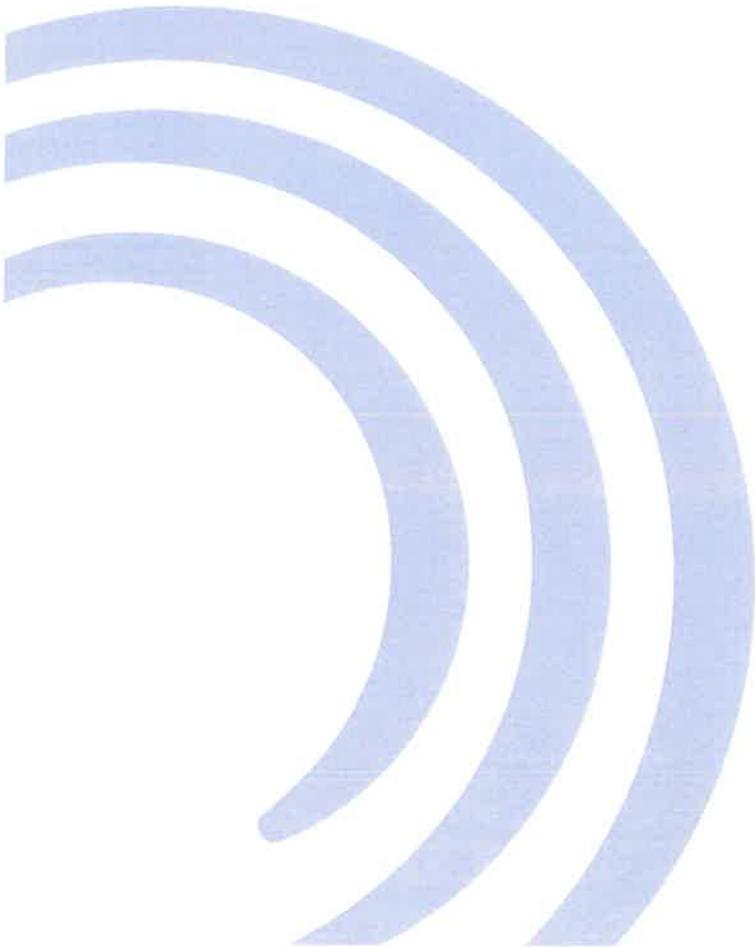
St. Johns County

Jones Edmunds evaluated St. Johns County's potential for water conservation over a 30-year planning horizon. The County was determined to be included in a Priority Water Resources Caution Area in the St. Johns River Water Management District's (SJRWMD) Water Supply Assessment (WSA), requiring plans be developed to meet 2030 demands with alternative water resources. Jones Edmunds integrated the account-level water consumption records with the property appraiser's GIS data to develop multiple residential and non-residential water-use profiles. These profiles allowed Jones Edmunds to apply targeted Best Management Practices (BMPs) to maximize water use savings and practicality. Jones Edmunds developed several scenarios to evaluate the water savings potential and associated costs for implementing various aggressive demand-management programs for the County. Our services also included profiling water use and users, estimating water use with four scenarios, identifying potential demand-management measures, estimating potable water demand reductions and costs, and reporting and presenting our findings to the County.



SECTION 4

FINANCIAL AND
LEGAL STATUS



SECTION 4 - FINANCIAL AND
LEGAL STATUS

SECTION 4 - FINANCIAL AND LEGAL STATUS

We offer stable and consistent service, including continuity in senior-level personnel and financial stability. We have developed our solid reputation with clients and regulatory personnel through years of continued responsive and quality service.

If a claim arises, Jones Edmunds is proactive and cooperative in working with our clients to reach a resolution that is fair and protects the interests of both parties. As a firm that specializes in serving local governments, we recognize our true "why" as providing better lives for the residents of the communities we serve. We strive to do this through innovative and cost-effective solutions to infrastructure challenge.

Actions taken by any regulatory agency against or involving the firm or its agents or employees with respect to any work performed in the past five (5) years

None.

All litigation against or involving the firm or its agents or employees with respect to any work performed in the past five (5) years

None.

Pending litigation or binding arbitration with a client

None.

Evidence of the financial stability of the firm to perform the described work

Jones Edmunds has the financial capacity to complete the scope of services requested by the BLCCDD and is committed to achieving your goals for this project. We are a financially stable corporation that prides itself on providing our clients with services that are not only high quality but are also cost-effective. We are a financial stability partner (Jones Edmunds maintains a 1R2 Dun & Bradstreet rating). Our Dun & Bradstreet number is 07-254-1576. We have developed our solid reputation with clients and regulatory personnel through years of continued responsive and quality service. If you would like additional information about Jones Edmunds' financial qualifications, our Controller, Vivian Boza, CPA, is available at 352.377.5821.

A letter of reference from our bank is provided on the next page.

SECTION 4 - FINANCIAL AND LEGAL STATUS



Creating Opportunities

February 3, 2020

To Whom It May Concern:

Pursuant to your request, this letter is to confirm that Jones Edmunds & Associates, Inc. has been a customer of BBVA since August of 2008. They have always been and remain in good standing with us. The company maintains multiple depository accounts with us having a combined average balance in the low seven figure range. They also have available a collateralized revolving line of credit in the low seven figure. All accounts have been handled as agreed.

Jones Edmunds is a valuable customer of BBVA Compass Bank. They have been a long standing business in the local community for over 40 years. Their management team is highly regarded. We consider it a privilege to have Jones Edmunds & Associates, Inc. as our customer.

Please do not hesitate to contact me if additional information is needed. I can be reached at 352-367-5103.

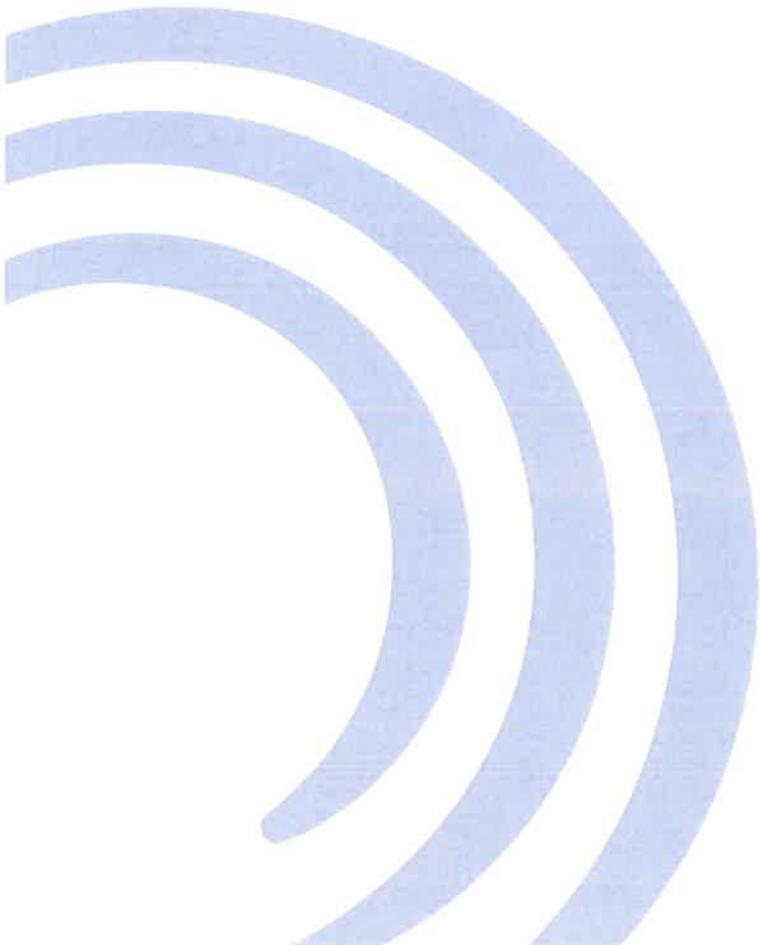
Sincerely,

A handwritten signature in blue ink that reads 'Dwaine Bush'.

Dwaine Bush
Vice President
Commercial Relationship Manager

SECTION 5

MANAGEMENT AND
ORGANIZATIONAL
APPROACH



SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

UNDERSTANDING OF THE PROJECT

To understand this project, one must first understand the Bay Laurel Center Community Development District (BLCCDD), your history, and your vision for the future. BLCCDD is a unique Community Development District in that it engages in and enjoys a collaborative approach to environmental sustainability with the community developer. It is your combined goal to intelligently develop the community and to provide best-in-class utility services while protecting the area's natural resources that help attract residents.

BLCCDD provides water, wastewater, and reclaimed water services to On Top of the World (OTOW) developments. These services are essential to fulfilling OTOW's original vision to provide beauty and homes with tremendous value. This project does not call for design plans and will not create something beautiful for current or future residents, but it does build on the values established by your founders for the vision for this community. **The Integrated Water/Wastewater Resource Master Plan (IWRMP) will provide the road map from where BLCCDD is today as a utility provider to where you want to be at full build-out – a vibrant, diverse, and sustainable community.**

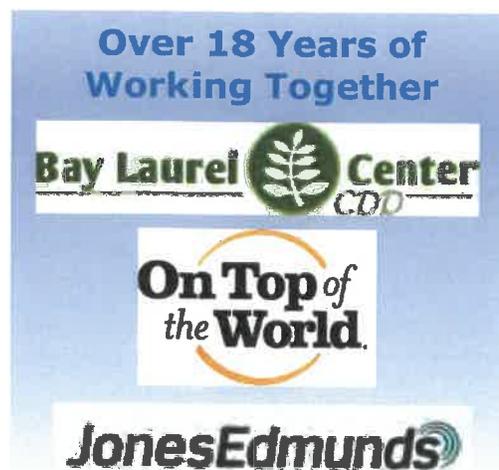
Jones Edmunds has enjoyed our greater-than-18-year working relationship with OTOW, BLCCDD, and your founders and staff. Through our history of working collaboratively together, we understand your philosophy, drivers, and goals. Additionally, **as the authors of your previous Water, Wastewater Treatment, Reclaimed Water, and Wastewater Transmission System Master Plans, we understand the steps required to create your IWRMP.** We commend BLCCDD for syncing your planning efforts to holistically tackle the water challenges of today and the future to plan for a sustainable community. In today's regulatory climate, evaluating all waters together increases the odds that a unique cost-effective set of solutions can be developed.

The biggest question that needs to be addressed is "How will BLCCDD obtain a sufficient permitted water supply as your community population increases?" We will work collaboratively with BLCCDD utility staff and board to answer this question. To reach the best answer to this question, we will develop the IWRMP that provides the road map to build-out with interim milestones along the way.

How the Firm Will Organize to Perform the Services

Our work on your previous Master Plans was conducted at various times over the past 12 years, and while some information in the reports will need to be updated, many elements of the documents remain valid. Our approach is to use these Master Plans as a launching point for the IWRMP. We foresee the IWRMP including updates of each of these refreshed Master Plans converted into chapters of the IWRMP. The IWRMP will also include new chapters that will be developed to address the integration elements of the project.

To update the Potable, Reclaimed, and Wastewater Transmission System Master Plan elements, model updates will be required. We believe it will require using four different system models. The Potable Water Master Plan will require two different models, while the Wastewater Transmission System and Reclaimed Water Master Plans will require one model each.



SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

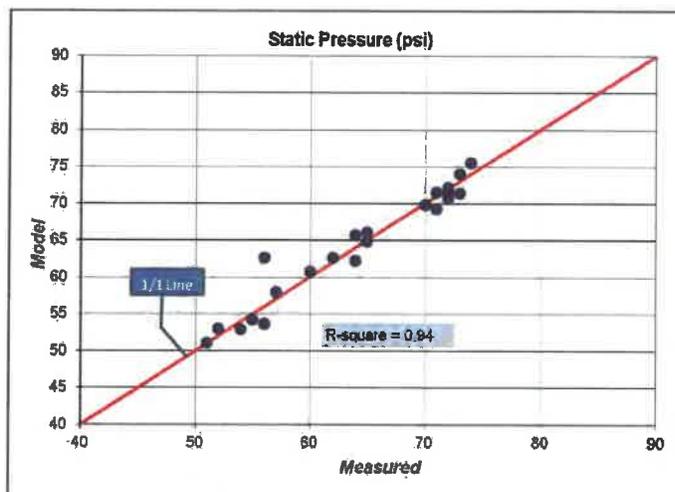


Figure 2-5 Modeled vs. Measured—Static Pressure

Potable Water Master Plan Updates

For the Potable Water Master Plan element, we will expand on the previously developed water system model to create an existing condition water system model. Once the model is calibrated, we will forecast future system demands and create an easy-to-follow CIP that corresponds to development unit growth.

Additionally, the Potable Water Master Plan will include groundwater flow modeling to evaluate the impacts of the proposed Water Treatment Facility No. 4. The model will be run using a finite-difference three-dimensional flow

simulation code, MODFLOW (McDonald and Harbaugh, 1988). We will use Groundwater Vistas software for the MODFLOW simulations and calibration process and will use ArcGIS to present the results that are easily understandable. Results of the groundwater model will be used to locate withdrawals and recharge to minimize the potential impacts to area MFLs. Our methods and model choices will conform with approved Southwest Florida Water Management District (SWFWMD)

workflows. We are experienced in following these approved processes. This is extremely important since SWFWMD will ultimately be the permitting agency for future groundwater withdrawals.

The 2012 potable water model was developed and calibrated by Jones Edmunds. It simulates the system pressures to an accuracy of a R-square value of 0.94.

With the concern over impacts to Minimum Flows and Levels (MFLs) and the availability of groundwater lessening, we are finding that SWFWMD is pushing applicants to use more complicated models, such as the INTB, which is an integrated surface water/groundwater model to evaluate spring flows. They also apply a de minimis standard of 0.049 cfs to spring flow, which can be significantly more difficult to achieve than 0.049 feet of head. In the future BLCCDD may be asked to evaluate the change in spring discharge or modify groundwater model parameters, which could further tighten your groundwater supply. **Therefore, establishing a withdrawal plan now and maximizing your Alternative Water Supply (AWS) sources will be critical.** AWS sources could include Lower Floridan aquifer (LFA) withdrawals, stormwater, or reclaimed water. The IWWRMP must consider all AWS options and weigh the benefits of each toward future groundwater withdrawals.

AWS options such as maximizing reclaimed water to major irrigation users and the hydrogeology of the LFA have not been adequately investigated in Marion and surrounding counties since the shallower aquifers have provided an adequate water supply in the past. The US Geological Survey (USGS) *Revised Hydrogeologic Framework of the Floridan Aquifer System in Florida and Parts of Georgia, Alabama, and South Carolina, (2015)*, which is the most comprehensive hydrogeology framework report for Florida, indicates that Marion County contains a fresh groundwater source in the lower portions of the Upper Floridan aquifer (UFA) and a brackish groundwater source in the LFA.

SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

Wastewater Master Plan and Reclaimed Water Master Plan Updates

For the Wastewater Transmission System Master Plan, we will update the 2015 SewerGEMS model. We will coordinate with OTOW Planning and Land Development Department and BLCCDD representatives to discuss residential, commercial, and institutional development plans and sales projections for the full development build-out. Information gathered will be used to review assumptions for wastewater projections and identify additions to the system completed since the 2015 update. The SewerGEMS model will be the key tool used to create a cost-effective and logically timed Capital Improvement Plan for the wastewater transmission system.

For the Reclaimed Water Master Plan, we will develop a hydraulic system model that includes the existing transmission lines, pumping facilities, and reclaimed water storage to properly size full build-out of the reclaimed water transmission system. The model will be the key tool used to create a cost-effective Capital Improvement Plan. Our recommendations will optimize reclaimed water distribution to major users. Using as much reclaimed water as possible is important due to SWFWMD's recent recognition and rule change that provides 100% groundwater credit for reclaimed water provided for golf course irrigation. We will prioritize maximizing reclaimed water storage and transmission to new golf course customers to offset high per-capita usage in parts of the community.

Integrated Water Wastewater Master Plan

Jones Edmunds will prepare an IWWRMP that will summarize the results of the individual Master Plans, provide a gap analysis that details the timing of projected gaps between system capacities and projected customer demands, analyze AWS options, and develop a recommended approach and implementation plan. We foresee the following items being important elements of the IWWRMP:

- Existing Water System Description
- Summary of Historical Water Use
- Summary of Water Use Constraints
- Existing Wastewater System
- Summary of Historical Wastewater Flows
- Summary of Regulatory Requirements
- Existing Reclaimed Water System
- Future Conditions Summary
- Potable Water Demand Projections
- Future Water Treatment Facility No. 4
- Wastewater Flow Projections
- Future Transmission System Needs
- Reclaimed Water Flow Projections
- Alternative Water Supply Analysis
- Implementation Plan and Capital Improvement Program

Jones Edmunds is actively engaged in the legislative process and regulatory rulemaking that results from new legislation. During the 2020 legislative session, the "Clean Waterways Act" was passed unanimously by both the House and Senate. As of June 25, the bill still sets on the Governor's desk for signature, and we fully expect it will be signed. The "Clean Waterways Act" will create rulemaking and regulatory changes that will affect utilities. The changes will affect the regulation of septic tanks, domestic wastewater, potable reuse, biosolids, BMAPs, and stormwater, just to name a few. We will continue to follow these changes and provide BLCCDD with information on the updates that will affect its operations. Accounting for the new rules when providing Capital Improvement Projects in the IWWRMP will prevent rework of planning elements and wasted construction dollars.



SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

PROCEDURES FOR ASSISTING IN THE DEVELOPMENT OF PROJECT SCHEDULING, COORDINATION OF CONSULTANTS, QUALITY AND COST CONTROL



This section presents Jones Edmunds' approach to managing projects and ensuring proper scheduling, coordination, and quality and cost control. Our project management approach is successful only if we understand the project and the client first. We can put a dynamic team together and create a wonderful IWWRMP, but it is only valuable to BLCCDD if it addresses your concerns in the manner in which you want them addressed. For that reason, our project management process relies heavily on the relationships between BLCCDD and our project leaders, John Horvath and Tom Friedrich.

Focusing on You: Our approach to project management starts with focusing on our clients. This has and will continue to involve continually communicating with BLCCDD to understand your needs and what is important to the District. We will make progress submittals throughout the various phases of each Master Plan update to keep BLCCDD properly informed of the status of our efforts. We will provide frequent communication via telephone, virtual meetings, face-to-face meetings, and email throughout each project based on your specific needs and concerns. Our Gainesville office is less than 60 minutes from BLCCDD's office, which facilitates communication with our staff. If social distancing recommendations because of COVID-19 are still active during the project, we can conduct the meetings using Zoom to allow for screen-sharing and video feeds of participants or we can continue to meet face-to-face while following CDC guidelines. We are confident that COVID will not prevent the progress of this project.

Creating the Project Vision: This project started by working with BLCCDD and project stakeholders to create the project vision of the desired end result that addresses the needs of the stakeholders. We have a head start on this process based on the meetings we have had with BLCCDD about this project over the past year. Defining the final project vision will involve discussions with your team, site visits, a review of applicable historical data, and our knowledge of your facilities and processes. Once defined, the final project vision will be used to develop a detailed and complete scope of work. We will review the scope of work with your Project Manager to confirm that it meets the vision defined for the project. After the scope of work is accepted by BLCCDD and Procurement issues a Notice to Proceed (NTP), the scope of work will be used as the basis for the Project Plan. Based on our previous discussions with BLCCDD, we believe this process can be completed quickly. We have a draft scope of work created based on these meetings that can be updated based on the final project vision.

Planning the Project: With the end result defined and the right team on board, a specific Project Plan will be created. The Project Plan is the road map for how we will work with BLCCDD to deliver the defined project vision. A great tool we have at Jones Edmunds for planning projects we work on for BLCCDD is our in-house project management software system – Deltek Vision, an industry-leading web-interface software that incorporates our business functions including resource management, project management, and accounting. We use Vision for each project – the initial scope of work and fee, project initiation, detailed task scheduling, staff resource projections, and budget control.

SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

Jones Edmunds' emphasis on – and success in – meeting project schedules and controlling costs is attributed in part to the strength and flexibility of our standard project management procedures. The following describes Jones Edmunds' standard procedures associated with schedule, budget control, and QA/QC.

Schedule Control

Jones Edmunds will maintain an established schedule throughout the project. John will hold regular meetings with you and project team members to review the status of the scope of work, deadlines, and budgets. Additionally, we regularly prepare project status reports that are reviewed and compared to the project plan established at the beginning of the project.

Coordination of Consultants

Jones Edmunds – with our partners HydroGeo Consulting and KMAC Consulting – has staffed our team with key personnel who will deliver IWRMP that will help guide BLCCDD into the future. We have worked together successfully on similar projects and have included them on our team to provide BLCCDD the best team to meet your goals and success factors for this project. We will think and act as a team with the big picture in mind. We have added HydroGeo Consulting and KMAC Consulting to round out the key personnel at Jones Edmunds. Neither HydroGeo or KMAC will lead or be fully responsible for any pieces of the IWRMP. We will use their services as an extension of our staff.

To this end, Jones Edmunds – more specifically our Project Manager John Horvath – will direct and manage all subconsultants, providing one local point of accountability. Under John's leadership, our team will work closely with BLCCDD to ensure that the right technical resources are provided when needed. John has over 30 years of experience in engineering and project management and understands the challenges faced by both sides in project execution. Furthermore, John has obtained our teaming partners' commitment not only to be available over the duration of the project, but also to adhere to our rigorous quality standards and process outlined in Section 2 and in the following section.

Quality

Our QA/QC process mandates that all project deliverables are reviewed by team members with the appropriate technical knowledge and experience. QA begins at the concept phase of a project and is a part of all phases through project completion. Our QA/QC process draws on years of project records, an established Project Management Program, and the ability of our experienced reviewers, independent from the project team, to identify risks and responsibilities. Internal and external QC is critical to our designs and all project deliverables including permit applications and reports. Our internal QC points or milestones will be outlined on an initial proposed schedule and will be communicated to the entire project team at the kickoff meeting. To ensure everyone is aware of upcoming deliverable dates and required quality control reviews, a QA/QC tracking report is issued automatically by email. The notices are sent to all project team members at all milestones established within the Project Plan. This independent oversight helps ensure that consistent quality is achieved on all Jones Edmunds projects and more specifically on individual deliverables.



SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

Cost Control

Cost control is provided through our experienced staff and the use of our customized version of Deltek Vision. Our managers use real-time data and their knowledge of client goals to track project performance weekly. Various reports can be generated through Deltek Vision, sorting project information by individual task or even by individual employee. This allows project managers to easily access data needed for monitoring and controlling project costs. In short, Jones Edmunds' internal system of information management enables the level of planning and the quality of execution needed to meet your goals on this project. Jones Edmunds has a successful record of completing projects for clients within established budgets and schedules.

APPROACH TO COMMUNICATION

After assigning the correct people to a project, we believe that effective communication is the key factor to a successful project. Our Project Manager John Horvath and your Project Manager will communicate frequently. We know that regularly provided tangible assurance of project progress is vital to project success.



Project Communication

Communication can be divided into internal (communication within the Jones Edmunds Project Team) and external (communication between the Project Team and BLCCDD). Internal communication for this project includes Jones Edmunds Project Team meetings to outline project goals, finalize staff roles on the project, and verify the project timeline, as well as daily communication among the Project Managers, Project Engineers, Project Geologists, Project Scientists, and GIS Analysts while tasks are in progress.

External communication for this project includes meetings at critical points in the project, frequent status meetings, and as-needed calls or web meetings with BLCCDD to discuss project concerns or issues. Our Project Manager John Horvath will have regular communication with you throughout the project. Communication frequency and procedures will be established with the BLCCDD Project Manager during the project kickoff meeting and incorporated into the Project Plan. We have had the privilege of working with your staff on previous and current projects. John communicates with you regularly to make sure they know the issues and status of BLCCDD projects.



SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

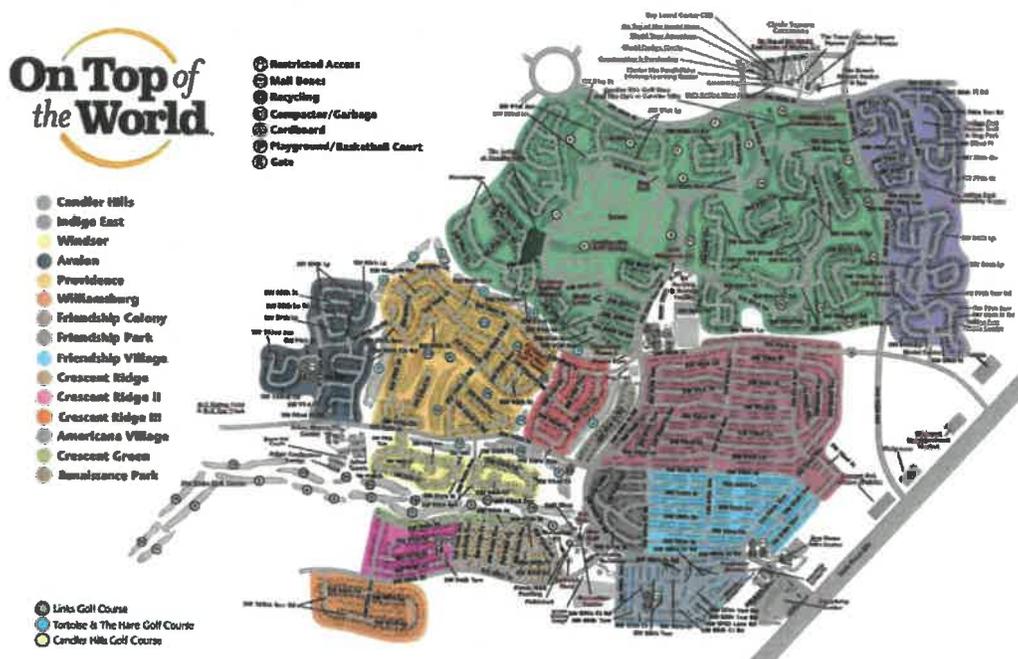
WHY WE ARE UNIQUELY QUALIFIED

Jones Edmunds started working with OTOW in 2002 when we assisted Clearwater OTOW with reclaimed water storage, transmission, and distribution to the community and the golf courses. The project was completed as part of a cooperative funding agreement with SWFWMD and the Pinellas-Anclote River Basin Board and was initiated as a public-private partnership between Pinellas County and Sidney Colen & Associates (SCA). Jones Edmunds provided planning, design, permitting, SWFWMD Cooperative Funding assistance, and construction-phase services for this project for SCA. The new facilities included a low-head transfer pump station, a reclaimed-water high-service pump station, more than 42,000 linear feet of directionally drilled reuse piping in an existing development, and a 2.4-MG prestressed concrete reclaimed water storage tank. We are proud of this very successful project to help OTOW manage reclaimed water disposal and FDEP operating permit compliance.



This project began our 18-year relationship working together in a cooperative spirit, providing infrastructure solutions to your communities. During the past 18 years we have completed over 40 projects for you including water supply and treatment; wastewater transmission, treatment, and biosolids handling; reclaimed water and alternative water supply; and related civil and environmental projects, as summarized on the table on the next page.

Jones Edmunds completed the previous Water, Wastewater, and Reclaimed Water Master Plans, built the existing models, and designed a lot of BLCCDD's utilities infrastructure. Based on the combination of our experience with BLCCDD, technical experts, and our regulatory and legislative knowledge, we are uniquely qualified to perform this project. We believe we are the right engineering partner to create the IWRMP to help BLCCDD vision and OTOW's build-out plans come to life.



SECTION 5. MANAGEMENT AND ORGANIZATIONAL APPROACH

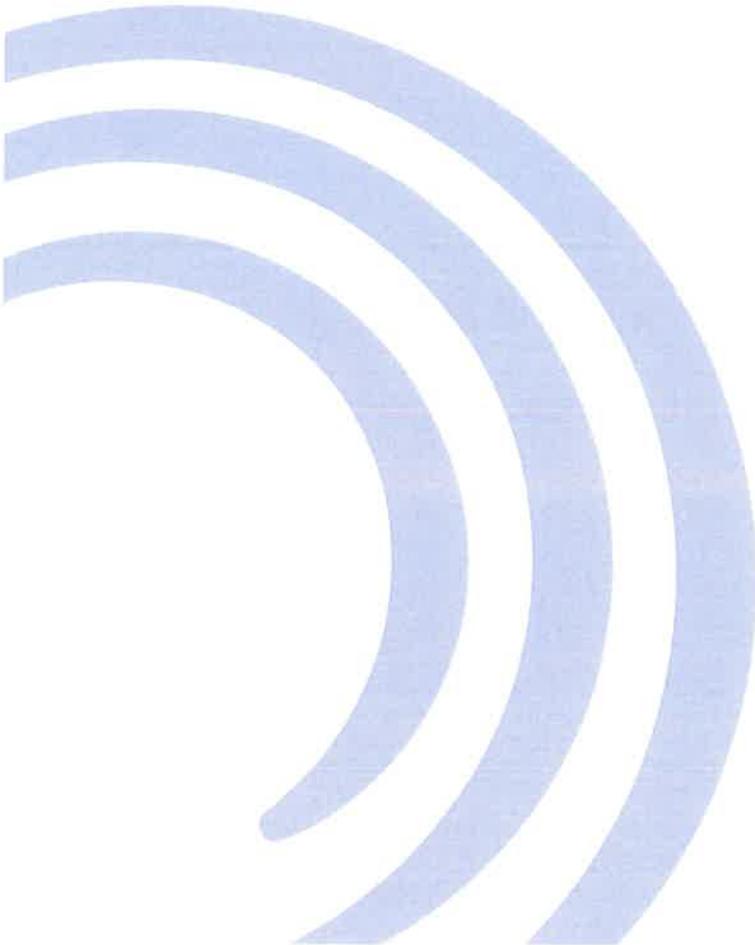
Jones Edmunds Summary of Project Experience Working for Bay Laurel Center CDD & OTOTW Communities

Project Name	Type of Service				
	1	2	3	4	5
Town Center Bond Validation					✓
Borrow Areas Permitting					✓
South WWTP Site Evaluation & Preliminary Design		✓			
General Engineering Services					✓
Interim Planning for Wastewater and Residuals Treatment and Disposal		✓			
Compliance Monitoring				✓	
Water System Planning Update	✓				
South WWTP Plant 1 Blower Selection		✓			
South WWTP Biosolids Land-Application Site Permitting		✓			
South WWTP Permit Renewal		✓			
South WWTP Headworks Improvement Design		✓			
WTP No. 1 Cavitation Evaluation	✓				
Wastewater Transmission Master Plan Update		✓			
Wastewater Treatment Facility Master Plan		✓			
WTP No. 1 Pump Replacements	✓				
Biosolids Site Expansion Permitting		✓			
WWTF Capacity Analysis Report Updates					
Indigo East Community Phase II Subsurface Investigation	✓				
Water Use Permit Modification	✓				
WWTF Permitting		✓		✓	
Redeamed Water System Co-Funding Application			✓		
Water System Modeling Study	✓				
North Wastewater Treatment Plant Design and Construction		✓			
SWFWMD Water Use Permit Modification	✓			✓	
Redeamed Water System SWFWMD Cooperative Funding Application			✓		
Pulte/Stone Creek Review					✓
South WWTP Expansion		✓			
WTP No. 3 Design and Construction Services	✓				
WTP No. 1 Raw Water Pumping Design	✓				
Wastewater Transmission System Model Conversion		✓			
Redeamed Water Facilities and Distribution System			✓		
Clearwater O&M Manual				✓	
WTP No. 1 Phase 2 Water System Analysis	✓				
Redeamed Water Storage Tank, Transfer High-Service Pump Stations			✓		
Well Development and Sampling	✓				
Clearwater WWTP Permit Renewal		✓		✓	
Emergency Sewer Connection		✓			
Clearwater Capacity Analysis Report Update		✓			
Marolf WWTF Condition Assessment		✓			
Transfer Pump Station		✓			
Earl Lift Station		✓			

Type of Service Key	1 Potable Water System
	2 Wastewater Transmission & Treatment; Biosolids Handling & Disposal
	3 Redeamed Water Systems & Alternative Water Supply
	4 Current & Potential Regulatory Requirements
	5 Other

SECTION 6

INSURANCE



SECTION 6 - INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/24/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Risk Strategies 12801 North Central Expy. Suite 1710 Dallas, TX 75243	CONTACT NAME: Brian R Hadar PHONE (A/C, Ho, Ext): (214) 503-1212 FAX (A/C, Ho): (214) 503-8999 E-MAIL ADDRESS: certificate@dallas@risk-strategies.com
	INSURER(S) AFFORDING COVERAGE
INSURED Jones Edmunds & Associates, Inc., 730 N.E. Waldo Road Gainesville FL 32641	INSURER A: Phoenix Insurance Company NAIC #: 25623
	INSURER B: Travelers Indemnity Co of America 25686
	INSURER C: Travelers Property Casualty Co of Amer 25674
	INSURER D: XL Specialty Insurance Company 37885
	INSURER E: Charter Oak Fire Insurance Company 26815
INSURER F:	

COVERAGES CERTIFICATE NUMBER: 58154146 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR (REQ. WORD)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENL. AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	6808N190672	6/30/2020	6/30/2021	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (EA occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>	BA1958L731	6/30/2020	6/30/2021	COMBINED SINGLE LIMIT (Per accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000	<input checked="" type="checkbox"/>	CUP8N201316	6/30/2020	6/30/2021	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
E	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTOR OF OPERATIONS BELOW	<input checked="" type="checkbox"/>	UBBN190848	6/30/2020	6/30/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> BOTH E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Professional Liability	<input checked="" type="checkbox"/>	DPR8961801	6/30/2020	6/30/2021	Per Claim \$5,000,000 Annual Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The claims made professional liability coverage is the total aggregate limit for all claims presented within the annual policy period and is subject to a deductible. Thirty (30) day notice of cancellation in favor of the certificate holder on all policies.

CERTIFICATE HOLDER For Proposal Purposes	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Brian Hadar <i>Brian R. Hadar</i>

ACORD 25 (2016/03) The ACORD name and logo are registered marks of ACORD. © 1988-2016 ACORD CORPORATION. All rights reserved.





JonesEdmunds

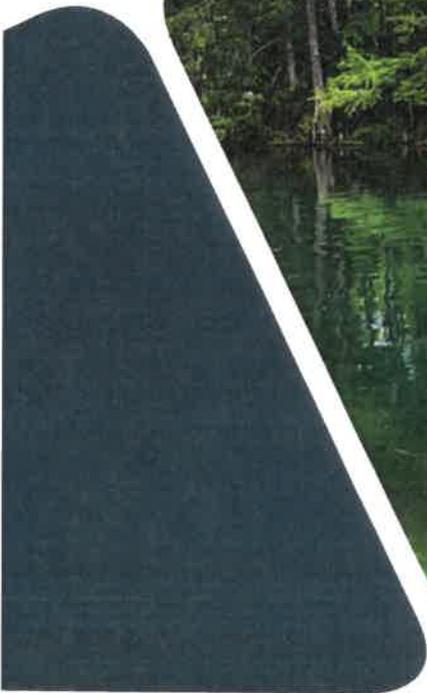
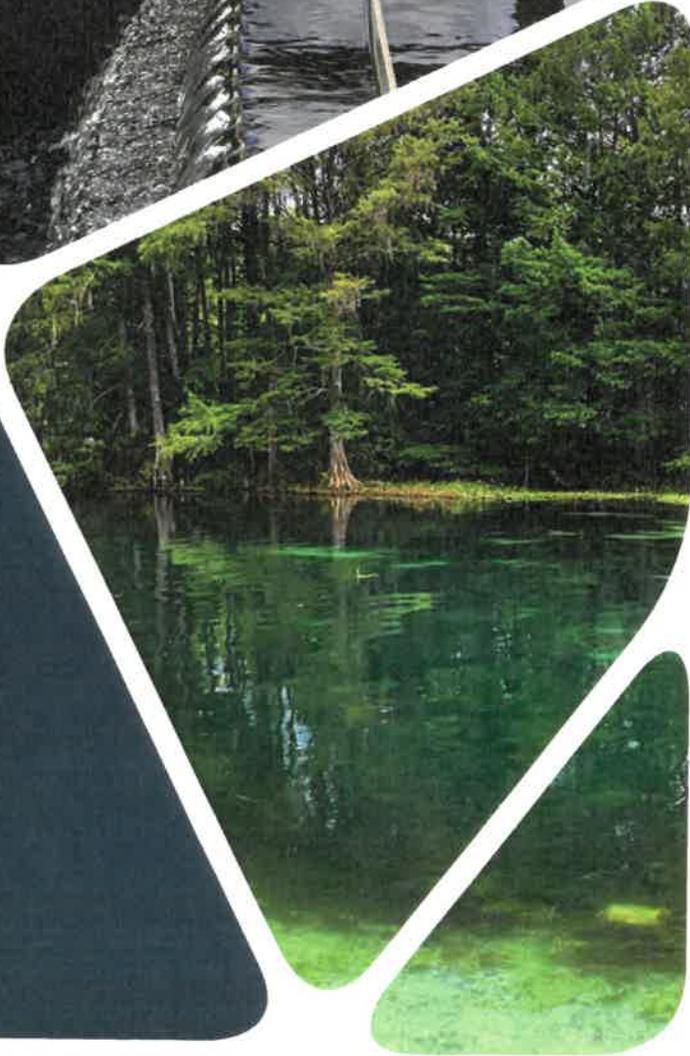
Integrity • Knowledge • Service

800.237.1053 | JONESEDMUNDS.COM

Bay Laurel Center

Bay Laurel Center Community Development District

Request for Statement of Qualifications
for Integrated Water/Wastewater
Resource Master Plan



Prepared by:
Kimley»Horn

Bay Laurel Center Community Development District

**Request for Statement of Qualifications for
Integrated Water/Wastewater Resource Master Plan**

***Kimley-Horn and Associates, Inc.
101 East Silver Springs Boulevard
Suite 400
Ocala, FL 34470
352.438.3000***

***Gene Losito, P.E., Project Manager
352.483.3027
gene.losito@kimley-horn.com***

June 26, 2020

June 26, 2020

Mr. Kenneth D. Colen
Bay Laurel Center CDD Chairman
8470 SW 79th Street Road, Suite 3
Ocala, FL 34481



Re: Bay Laurel Center Community Development District Request for Statement of Qualifications for Integrated Water/Wastewater Resource Master Plan

Dear Mr. Colen and Members of the Selection Committee:

As Bay Laurel Center Community Development District (BLCCDD) embarks on the selection of a firm to provide an Integrated Water/Wastewater Resource Master Plan, **Kimley-Horn** would like to express our sincere desire to be chosen for this project. We have the expertise, drive, and resources to work as a cohesive unit with the BLCCDD, helping to ensure this project is completed on time and to your specifications. As a firm, we focus on timely, efficient performance to keep communities moving forward. As a multidisciplinary engineering consultant, we have the local and national resources to respond to any need. We take great pride in our proven approach to providing professional services that is based on our commitment to serve our clients with responsive, proactive consulting professionals. *We will work with BLCCDD staff to clearly establish goals then draw upon our experience to formulate innovative and cost-effective approaches—this is the Kimley-Horn difference.*

Responsive Service and Local Project Management. Based in Kimley-Horn's local Ocala office, our project manager Gene Losito, P.E. and assistant project manager Trey Clayton, E.I. will assess the project's needs and provide the correct mix of professional, technical, and administrative staff to ensure that the BLCCDD is being served at a high level by staff with the necessary background and expertise. Our past performance has laid the foundation for our reputation to perform exceptional work on schedule. Gene and Trey will work with BLCCDD to develop appropriate targets and goals, tailor suitable courses of action, and provide timely and cost-effective decision making to ensure that we maintain our reputation of exceptional client service. Gene and Trey are committed to working together as your partner—offering you the most effective level of communication to relay project issues, progress, and results that best serve your needs in a timely manner. Additionally, our entire project team calls Marion County home and we understand the importance of developing water resource plans that will help to protect our springs for our future generations.

Collaborative Approach. Kimley-Horn has a collaborative team management philosophy that can be summed in four words—*teamwork, communication, competence, and integrity*. *Teamwork* means that all members contribute a fair share, are primarily interested in the outcome of the project, and are considerate of the needs of other team members. If one team member needs assistance to stay on schedule, then providing the necessary assistance becomes a priority for the team. *Communication* means that each team member understands their job is to let other team members know what's going on and when decisions are reached that might affect others. Lack of communication not only leads to wasted effort but, more importantly, it can lead to a final product that is not properly coordinated between the team. *Competence* means that each team member is experienced and knowledgeable in their particular field and knows what they do affects other members of the team. *Integrity* means a professional dedicated to good engineering practices with the foremost consideration of the needs of BLCCDD.

Benefits of Selecting Kimley-Horn. By selecting our team as your consultant, the BLCCDD will benefit from:

Local Expertise and Experience. Gene Losito, P.E. and Trey Clayton, E.I., along with Lewis Bryant, P.E., have extensive experience in developing comprehensive utility system master plans. Our Ocala office has the expertise to provide the full range of utility engineering assistance, including alternative water supply evaluations, water/wastewater treatment design, distribution/collection system modeling, reclaimed water system design, and utility master planning. We have completed numerous utility system master plans with water/wastewater treatment facility plans for various municipalities and utilities throughout Florida, including the cities of Ocala, Belleview, Dunnellon, and Wildwood, as well as Marion County Utilities. We have the local hydraulic modeling expertise and project knowledge to produce an exceptional product and meet BLCCDD's needs. Due to our local presence, our project team understands the regulatory landscape and how future regulations could impact utility infrastructure planning decisions today. Our team further understands the BLCCDD utility service area lies within the Basin Management Action Plan (BMAP) for Rainbow Springs. The Kimley-Horn team has been involved in the development of the BMAPs and is very familiar with the requirements of the Springs Protection Act. We will use the knowledge we have gained through the development of previous BMAPs to guide the future expansion of the BLCCDD's water, wastewater, and reclaimed system to meet future regulatory requirements.

Relationship and Project Knowledge. Having worked with and alongside BLCCDD on previous projects, we have a thorough understanding of the BLCCDD's standards, procedures, and preferences. Our work to help organize and update BLCCDD's GIS utility mapping files has provided us with a deep understanding of the BLCCDD's distribution and collection system.

A Team You Can Count On. Kimley-Horn has a reputation for client service that is exceptional and proven. We offer a team of top-notch professionals, in-house capabilities, depth of resources, and a commitment of responsive and reliable service to BLCCDD. *Kimley-Horn is not focused on the short-term result, but is devoted to establishing a long-term relationship founded on trust, respect, and teamwork.* Our project team pledges to provide exceptional client service and quality technical expertise. We want to be your consultant of choice.

KIMLEY-HORN



Gene Losito, P.E.
Project Manager



Lewis Bryant, P.E.
Vice-President, Principal-in-Charge

**Bay Laurel Center Community Development
District Request for Statement of Qualifications
for Integrated Water/Wastewater Resource
Master Plan**

TABLE OF CONTENTS

General Information	1
Technical and Operational Capabilities.....	2
Firm History and Qualifications	3
Financial and Legal Status	4
Management and Organization Approach	5
Insurance	6
Addenda	7

SECTION 1. GENERAL INFORMATION

Firm Name, Addresses, and Telephone Numbers of All Firm Offices

A complete listing of Kimley-Horn's firmwide offices with telephone numbers is provided at the end of this section.

Structure of Firm (I.e., Sole Proprietorship, Partnership, Corporation, And Size of Firm)

Kimley-Horn and Associates, Inc. (Kimley-Horn) is a privately-held corporation, fully-owned by individuals who are current employees of the firm. Kimley-Horn is divided into seven geographic regions — Atlantic, California, Florida, Midwest, Mountain, Southeast, and Texas. Each region is managed by a team of representatives from production, marketing, administration, and practice building. Setting overall direction and policy for the firm is the firmwide management committee — also composed of representatives from production, marketing, administration, and practice building — which assists the regional teams, as needed.

////////////////////////////////////	
Date of incorporation:	February 10, 1967
FEIN number:	56-0885615
Corporate charter number:	126896
Professional license number:	00000696
Florida corporate charter number:	821359
////////////////////////////////////	

The primary responsibility of the regional teams and management committee is to provide support to our project managers, who are responsible for every facet of a project from beginning to end — contracting, planning, scheduling, quality control, client contact and relationships, and project accounting.

Years Firm Has Been in Business

Kimley-Horn was founded in 1967 and has been in business for 53 years.

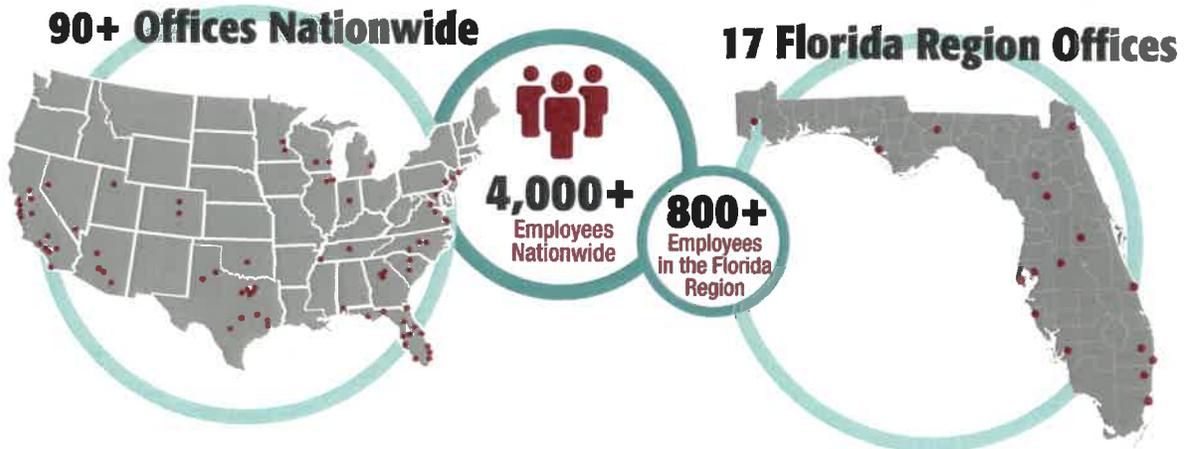
Name of Principals in Firm

Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc., which is wholly owned by APHC, Inc., which is owned by over 500 Kimley-Horn employees, none of which own 4% or more of the outstanding shares. Kimley-Horn's principal officers are:

- ▶ **John C. Atz, Chairman**
1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411
- ▶ **Steven E. Lefton, CEO, President**
11400 Commerce Park Drive, Suite 400, Reston, VA 20191
- ▶ **Richard N. Cook, Senior Vice President, Secretary**
421 Fayetteville Street, Suite 600, Raleigh, NC 27601
- ▶ **Tammy L. Flanagan, CFO, Vice President**
421 Fayetteville Street, Suite 600, Raleigh, NC 27601
- ▶ **David L. McEntee, Vice President, Treasurer, Assistant Secretary**
421 Fayetteville Street, Suite 600, Raleigh, NC 27601

Organizational Description

Kimley-Horn is a full-service, multidisciplinary consulting firm offering a broad range of planning, engineering, structural, and environmental services to public and private sector clients. We were founded in 1967 as a three-person transportation planning and traffic engineering firm in Raleigh, North Carolina. The following year, we opened our first Florida office in West Palm Beach to serve local utilities. Today, than 4,000 employees in more than 90 offices across the United States and Puerto Rico offering a full range of consulting services to local, regional, national, and international clients. In Florida, there are more than 800 employees in 17 offices.



Kimley-Horn takes great pride in our unique approach to providing professional services that is based on our commitment to serve our clients with responsive, proactive consulting professionals. Our hands-on and collaborative approach to consulting enables our team to deliver the high level of personal service you expect. We will work with your staff to clearly establish goals then draw upon our experience to formulate innovative and cost-effective approaches—this is the Kimley-Horn difference.

Description of Firm’s Philosophy

Kimley-Horn’s philosophy in providing professional engineering and design related services is based on client service and technical expertise. This philosophy is especially applicable for projects that encompass a broad variety of disciplines and experience yet require a common point of contact. Accordingly, we provide all our clients with a well-defined team of project-centered professionals and staff who are empowered with the flexibility needed to respond quickly to both administrative requirements and scheduling needs. Much of our success over the last 53 years is directly related to our ability to provide high-quality, timely services.

Responsiveness means that we are available to you when you need us; it also means the person you deal with is familiar with every facet of this project.

Commitment is a key trait of Kimley-Horn personnel—ask us to perform a task quickly and the task will be competed to meet your satisfaction and deadlines. We want to be your consultant and partner on this contract and pledge to exceed your expectations by providing prompt and responsive services. Our firm’s core mission is to provide technical excellence and unrivaled client service.

Kimley-Horn Firmwide Office Locations

Alabama

Birmingham

420 North 20th Street
Downtown Wells Fargo Center, Suite 2200
Birmingham, AL 35203
205-558-6645

Mobile

11 North Water Street
RSA Battle House Tower, Suite 10290
Mobile, AL 36602
251-263-8350

Arizona

Mesa

1001 West Southern Avenue
Suite 131
Mesa, AZ 85210
480-207-2666

Phoenix

7740 North 16th Street
Suite 300
Phoenix, AZ 85020
602-944-5500

Prescott

201 North Montezuma Street
Suite 206
Prescott, AZ 86301
928-458-7121

Tucson

333 East Wetmore Road
Suite 280
Tucson, AZ 85705
520-615-9191

California

Capitola

824 Bay Avenue
Suite 10
Capitola, CA 95010
831-316-1430

Coachella Valley

45-025 Manitou Drive
Suite 11
Indian Wells, CA 92210
760-565-5103

Los Angeles

660 South Figueroa Street
Suite 2050
Los Angeles, CA 90017
213-261-4040

Oakland

1300 Clay Street
Suite 325
Oakland, CA 94612
510-625-0712

Orange

765 The City Drive South
Suite 200
Orange, CA 92868
714-939-1030

Pleasanton

4637 Chabot Drive
Suite 300
Pleasanton, CA 94588
925-398-4840

Riverside

3880 Lemon Street
Suite 420
Riverside, CA 92501
951-543-9868

Sacramento

555 Capitol Mall
Suite 300
Sacramento, CA 95814
916-858-5800

Salinas

1615 Bunker Hill Way
Suite 200
Salinas, CA 93906
831-783-0352

San Diego

401 B Street
Suite 600
San Diego, CA 92101
619-234-9411

San Jose

10 Almaden Boulevard
Suite 1250
San Jose, CA
669-800-4130

Colorado

Aspen

16 Kerns Road
Suite 301 C/D
Snowmass Village, CO 81615

Colorado Springs

2 North Nevada Avenue
Suite 300
Colorado Springs, CO 80903
719-453-0180

Denver

4582 South Ulster Street
Suite 1500
Denver, CO 80237
303-228-2300

Denver Downtown

1125 17th Street
Suite 1400
Denver, CO 80202

Northern Colorado

1635 Foxtrail Drive
Loveland, CO
303-228-2300

Florida

Boca-Delray

1615 South Congress Avenue
Suite 201
Delray Beach, FL 33445
561-330-2345

Fort Lauderdale

600 North Pine Island Road
Suite 450
Plantation, FL 33324
954-535-5100

Fort Myers

1412 Jackson Street
Suite 2
Fort Myers, FL 33901
239-271-2650

Gainesville

747 Southwest 2nd Avenue
Suite 171
Gainesville, FL 32601
352-374-3274

Jacksonville

12740 Gran Bay Parkway
Suite 2350
Jacksonville, FL 32258
904-828-3900

Lakeland

116 South Kentucky Avenue
Lakeland, FL 33801
863-701-8702

Miami

355 Alhambra Circle
Suite 1400
Coral Gables, FL 33134
305-673-2025

Ocala

101 East Silver Springs Boulevard
Suite 400
Ocala, FL 34470
352-438-3000

Orlando

189 South Orange Avenue
Suite 1000
Orlando, FL 32801
407-898-1511

Panama City Beach

100 Richard Jackson Blvd
Suite 120
Panama City Beach, FL
850-553-3522

Sarasota

1777 Main Street
Suite 200
Sarasota, FL 34236
941-379-7600

St. Petersburg

100 2nd Avenue South
Suite 105N
St. Petersburg, FL 33701
727-547-3999

Tallahassee

2615 Centennial Boulevard
Suite 102
Tallahassee, FL 32308
850-553-3500

Tampa

655 North Franklin Street
Suite 150
Tampa, FL 33602
813-620-1460

Vero Beach

445 24th Street
Suite 200
Vero Beach, FL 32960
772-794-4100

West Palm Beach

1920 Wekiva Way
Suite 200
West Palm Beach, FL 33411
561-845-0665

Georgia

Alpharetta

11720 Amber Park Drive
Suite 600
Alpharetta, GA 30009
770-619-4280

Atlanta

3930 East Jones Bridge Road
Suite 350
Peachtree Corners, GA 30092
770-825-0744

Atlanta Midtown

817 W Peachtree St NW
The Biltmore, Suite 601
Atlanta, GA 30308
404-419-8700

Idaho

Boise

950 W Bannock St
Suite 1100
Boise, ID 83702
888-542-4636

Illinois

Chicago Downtown

111 West Jackson Boulevard
Suite 1320
Chicago, IL 60604
312-726-9445

Chicago Suburban

4201 Winfield Road Warrenville
Illinois 60555,
630-487-5550

Indiana

Indianapolis

250 East 96th Street
Suite 580
Indianapolis, IN 46240
317-218-9560

Maryland

Baltimore

1801 Porter Street
Suite 401
Baltimore, MD 21230
443-743-3470

Massachusetts

Boston

300 Baker Avenue
Suite 300
Concord, MA 01742
781-328-0676

Michigan

Livonia (Kimley-Horn of

Michigan, Inc.)

39111 Six Mile Road
Livonia, MI
734-591-7208

Minnesota

Rochester

323 South Broadway
Rochester, MN 55904
507-216-0540

Twin Cities

767 Eustis Street
Suite 100
Saint Paul, MN
651-645-4197

Mississippi

Ridgeland

1000 Highland Colony Parkway
Building 5000, Suite 5203
Ridgeland, MS 39157
601-427-4140

Nevada

Las Vegas

6671 Las Vegas Boulevard South
Suite 320
Las Vegas, NV 89119
702-862-3600

Reno

5370 Kietzke Lane
Suite 100
Reno, NV 89511
775-787-7552

New Jersey

Hoboken

221 River Street
9th Floor, Suite 9013
Hoboken, NJ
646-255-1121

Princeton

902 Carnegie Center Boulevard
Suite 140
Princeton, NJ 08540
609-681-2428

New York

New York City (Kimley-Horn of New York, P.C.)

200 Park Avenue
Suite 1700
New York, NY 10166
646-255-1130

White Plains (Kimley-Horn of New York, P.C.)

1 North Lexington Avenue
Suite 510
White Plains, NY 10601
914-368-9200

North Carolina

Charlotte

200 South Tryon Street
Suite 200
Charlotte, NC 28202
704-333-5131

Durham Downtown

300 West Morgan Street
Suite 1500
Durham, NC 27701
919-682-3583

Raleigh

421 Fayetteville Street
Suite 600
Raleigh, NC 27601
919-677-2000

Ohio

Columbus

2400 Corporate Exchange Drive
Suite 120
Columbus, OH 43231
614-454-6699

Northeast Ohio

4000 Embassy Parkway
Suite 420
Akron OH 44333,
216-505-7775

Oklahoma

Oklahoma City

14101 Wireless Way
Building A, Suite 150
Oklahoma City, OK
405-241-5423

Pennsylvania

Philadelphia

50 South 16th Street
Two Liberty Place, Suite 3010
Philadelphia, PA 19102
267-687-0150

Puerto Rico

Guaynabo (Kimley-Horn

Puerto Rico, LLC)
Millennium Park Plaza
Suite 435
15 Calle 2, Guaynabo 00966
787-782-5050

South Carolina

Charleston

115 Fairchild Street
Suite 250
Charleston, SC 29492
843-737-6390

Columbia

802 Gervais Street
Suite 201
Columbia, SC 29201
803-403-8558

Tennessee

Jackson

115 North Liberty Street
Jackson, TN 38301
731-225-3068

Memphis

6750 Poplar Avenue
Suite 600
Memphis, TN 38138
901-374-9109

Nashville

214 Oceanside Dr
Nashville, TN 37204
615-564-2701

Texas

Austin

10814 Jollyville Road
Campus IV, Suite 300
Austin, TX 78759
512-418-1771

Austin South

2600 Via Fortuna
Terrace 1, Suite 300
Austin, TX 78746
512-646-2237

Bryan/College Station

2800 South Texas Avenue
Suite 201
Bryan, TX 77802
979-775-9595

Celina

400 N Oklahoma Dr
Suite 105
Celina, TX 75009
469-501-2200

Childress

1207 Avenue F Northwest
Suite 1
Childress, TX 79201
940-937-3423

Dallas

13455 Noel Road
Two Galleria Office Tower, Suite 700
Dallas, TX
972-770-1300

Fort Worth

801 Cherry Street
Suite 1300, Unit 11
Fort Worth, TX 76102
817-335-6511

Frisco

6160 Warren Parkway
Suite 210
Frisco, TX 75034
972-335-3580

Houston

11700 Katy Freeway
Suite 800
Houston, TX 77079
281-597-9300

Las Colinas

2201 West Royal Lane
Suite 275
Irving, TX 75063
214-420-5600

Lubbock

4411 98th Street
Suite 300
Lubbock, TX 79424
806-686-1080

McKinney

260 East Davis Street
Suite 100
McKinney, TX 75069
469-301-2580

San Antonio

601 NW Loop 410
Suite 350
San Antonio, TX 78216
210-541-9166

The Woodlands

1400 Woodloch Forest Drive
Suite 225
The Woodlands, TX 77380
281-475-2816

*Utah***Salt Lake City**

111 East Broadway
Suite 600
Salt Lake City, UT 84111
385-212-3176

*Virginia***Newport News**

11818 Rock Landing Drive
Suite 100
Newport News, VA 23606
757-273-7016

Northern Virginia

11400 Commerce Park Drive
Suite 400
Reston, VA 20191
703-674-1300

Richmond

1700 Willow Lawn Drive
Suite 200
Richmond, VA 23230
804-673-3882

Virginia Beach

4525 Main Street
Suite 1000
Virginia Beach, VA 23462
757-213-8600

*Washington***Seattle**

800 5th Ave
Seafirst Fifth Avenue Plaza, Suite 4100
Seattle, WA 98104
206-607-2600

*West Virginia***Huntington**

1449 Airport Road
Building 2, Suite A
Huntington, WV 25704
304-453-2705

*Wisconsin***Madison**

10 East Doty Street
Suite 800
Madison, WI

Milwaukee

310 East Buffalo Street
Milwaukee, WI 53202
414-267-7842

SECTION 2. TECHNICAL AND OPERATIONAL CAPABILITIES

Firm’s Capacity

Kimley-Horn is a privately-held corporation, fully owned by individuals who are current employees of the firm. Our employee owners are the sole stockholders of the company and are the professionals who directly serve our clients. The operations of the firm are not influenced by non-employee owners whose interests may conflict with client service. Since ownership is spread throughout key professionals, and no single individual or small group owns controlling interest of the firm, the company is positioned for long-term stability.

A table listing a breakdown of Kimley-Horn’s firmwide staff by discipline is provided at the end of this section.

Underlying Philosophy Providing Services

Kimley-Horn’s corporate philosophy encompasses a unique concept we call practice builders. These are selected senior staff who focus on ways to better serve our clients. They are leaders in their fields and they continually tailor our staff, services, and technology to keep pace with our clients’ unique demands. Our practice builders instill in our young professionals the sense of urgency and ownership they themselves bring to every project, and through their example and formal instruction, they reinforce our firm’s high standards for client service, teamwork, technical quality, and professional ethics.

Key staff we have selected to serve you are well-respected practice builders in land development as well as civil engineering, and they are committed to delivering the responsiveness you require. Kimley-Horn’s approach gives our clients the best of both worlds — the resources of a large, nationally-ranked firm and the personal attention and response of a small dedicated professional team.

Firm History, Organization, Core Values, and Business Practice

Founded in 1967 Kimley-Horn is a multidisciplinary consulting firm with more than 4,000 employees in more than 90 offices across the United States and Puerto Rico offering a full range of consulting services to local, regional, national, and international clients. This means we can handle any unforeseen challenges in-house so you don’t need to worry about finding another responsible entity to finish this project. In Florida, there are more than 800 employees in 17 offices. *Our Ocala office will serve Bay Laurel Center Community Development District, giving the BLCCDD the benefit of a local team, supplemented by team members with specialized expertise across the state.*



Integrated Water Expertise Serving Municipalities

Kimley-Horn has been serving utility and municipal clients since our inception in 1967. Kimley-Horn has a long history of being a successful consultant to local government clients. We have served more than 100 cities, counties, and local government clients throughout Florida—and more than 50 of these municipalities have chosen Kimley-Horn as their on-call consultant. Throughout the firm's growth, we have come to appreciate the value and importance of remaining true to our roots as a small firm AND focusing our attention on our local clients and providing them with the personalized and responsive service they expect.

Master Planning Capabilities

Kimley-Horn can help you achieve maximum efficiency and productivity through strategic planning. By investing in a master plan, you can effectively develop capital improvement plans (CIPs), prioritize allocation of available funding for projects, and identify future system deficiencies to allow for a proactive approach for creative solutions. Master planning services include:

- Evaluation of level of service constraints and determination of system deficiencies
- Identification and prioritization of areas for improvement
- Assistance with developing a Capital Improvement Plan
- Population and system demand projections
- Identification of water supply requirements
- Identification of areas for funding assistance
- Facility planning
- Capacity analysis
- Asset management
- GIS and mapping

CURRENT FLORIDA INTEGRATED WATER MUNICIPALITIES SERVED

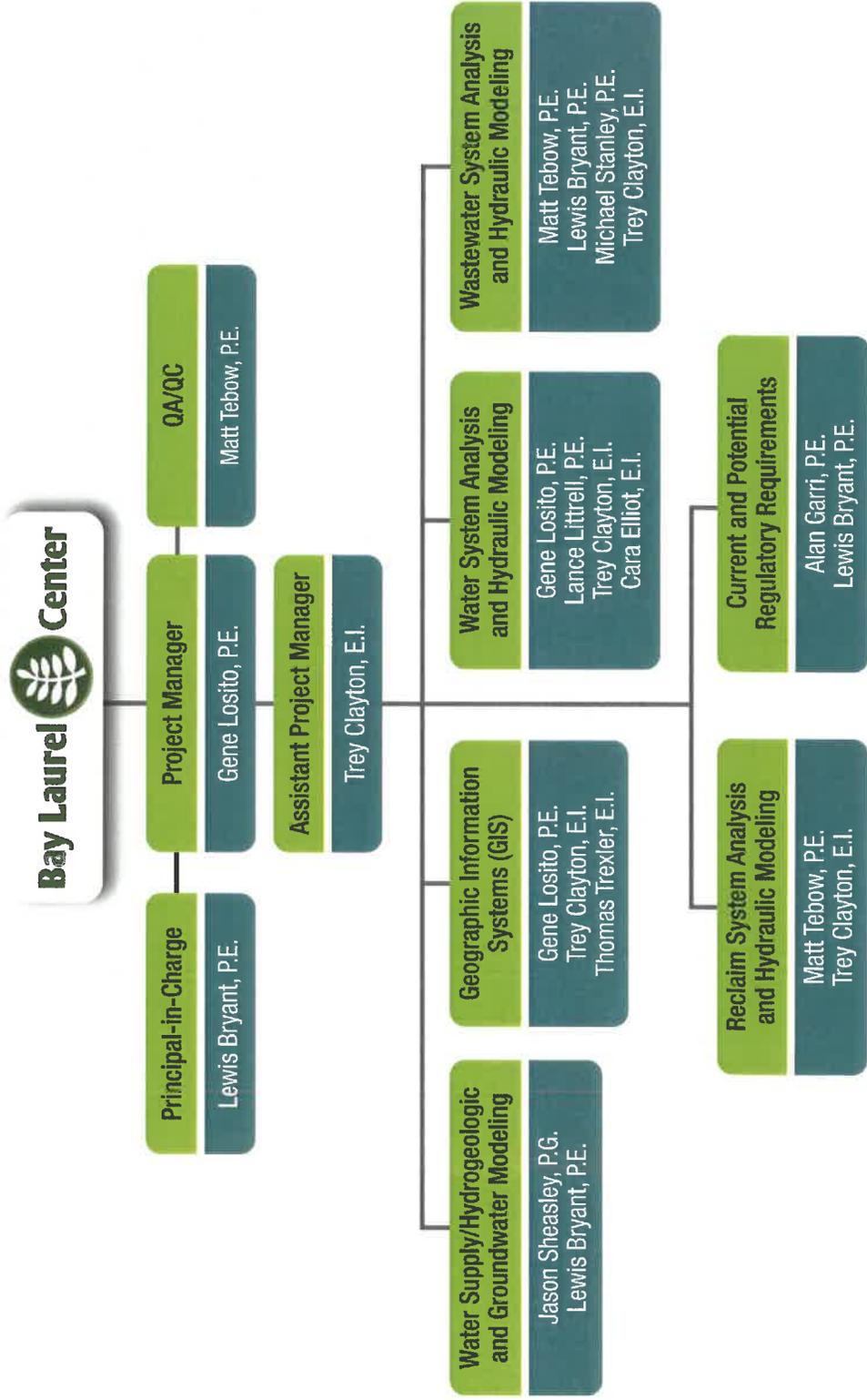


Ability and Adequacy Of Professional Personnel

Kimley-Horn has assembled a team with the requisite experience delivering similar projects and with a history of collaboration. Our team is available and committed to the successful delivery of this project and we commit our full attention to this pursuit

Organization Chart

The organization chart on the following page illustrates our project team structure and defines relationships among disciplines. We have brought together a team of local experts based on the needs outlined in the scope of services. We have more than ample staff with relevant experience to make this contract successful for the BLCCDD.



Responsive Project Management

We are pleased to have project manager **Gene Losito, P.E.** and assistant project manager **Trey Clayton, E.I.** lead this effort. Gene and Trey will be available to ensure that your project is progressing in accordance with the agreed upon project schedule, respond to any specific BLCCDD directives, and address any questions that may arise during the process. In addition to our enhanced coordination, we offer BLCCDD significant depth of resources and ample redundancy of available staff to further reinforce our commitment to meeting your schedules and being responsive to your needs.

Background of Our Personnel

To best serve the BLCCDD, Kimley-Horn has organized a core team of practiced professionals to provide a high level of responsiveness to the BLCCDD, both in terms of exceptional local interaction and support, and extensive technical experience in the disciplines you require. We believe our project team will be your greatest asset and possesses a rich understanding of the process, from the design and permitting to final construction. *Our project team is as critical to the project's success as the design approach.* Resume biographies of key project team personnel are highlighted below.



Gene Losito, P.E. - *Project Manager, Geographic Information Systems (GIS), Water System Analysis and Hydraulic Modeling*

Gene has 14 years of experience. Gene specializes in water and wastewater distribution and transmission, water and wastewater treatment, drainage, and geographic information systems. He is proficient with AutoCAD 3D modeling, ArcGIS, SewerCAD, WaterCAD, and InfoWater. Gene's project experience includes utility system master plans for the cities of Wildwood, Dunnellon, Crystal River, and Marion County.



Trey Clayton, E.I. - *Assistant Project Manager, Geographic Information Systems (GIS), Water System Analysis and Hydraulic Modeling, Wastewater System Analysis and Hydraulic Modeling, Reclaim System Analysis and Hydraulic Modeling*

Trey has six years of experience as a civil, water, and wastewater analyst. For the City of Wildwood, Trey served as project analyst on the CR 209 12-inch force main and lift station construction project; provided design, construction document preparation, permitting, bid administration, and construction administration for the Ashley Water Treatment Plant; and provided design services for the Oxford Water Treatment Plant. Additional projects include serving as project analyst on the Rio Vista Wastewater Treatment Facility Decommissioning project for the City of Dunnellon and the north and south hydropneumatic tanks and elevated storage tank repairs for the City of Belleview. In addition, Trey's software experience includes AutoCAD MEP and Civil 3D, ArcMap GIS, Innowyze InfoWater, Innowyze InfoSewer, Bentley WaterCAD, Bentley SewerCAD, Bentley Hammer, Microsoft Project, Inventor, and Sketch Up.



M. Lewis Bryant, P.E. - *Principal-in-Charge, Water Supply/Hydrogeologic and Groundwater Modeling, Wastewater System Analysis and Hydraulic Modeling, Current and Potential Regulatory Requirements*

Lewis has more than 20 years of experience with municipal utility engineering, including utility relocation, master planning, distribution system design, hydraulic computer modeling and analysis, and construction phasing and inspections. He is a skilled project manager for utility relocation/expansion projects, water and wastewater treatment facilities design, facility expansion plans, capacity analysis reports, and water use permits. *In addition, Lewis serves on the Municipal Wastewater Treatment Design Committee of the Water Environment Federation, on the Water Environment Federation's (WEF's) National Water Resource Recovery and Design Committee (MRRDC), and on the WEF Tech International Conference Workshop Review Committee.* Lewis will serve as the principal-in-charge and has the authority to execute the contract, secure technical resources, and ensure that project needs are met. Lewis will continue to provide technical oversight throughout construction, lending his expertise to all phases of this project.



Matt Tebow, P.E. - QA/QC, Wastewater System Analysis and Hydraulic Modeling, Reclaim System Analysis and Hydraulic Modeling

Matt is a water resources engineer with 14 years of experience providing pipeline design, hydraulic modeling, pump station design, biological treatment process modeling, design implementation of water/wastewater treatment plants, permitting, and construction observation services. Matt is responsible for creating wastewater process and hydraulic models, including wastewater characterization, calibration, and analysis for process improvements, expansions, rehabilitation, and new infrastructure at wastewater treatment facilities. Matt is also a member of the Water Environment Federations' international Modeling Experts Group of the Americas (MEGA) Committee.



Lance Littrell, P.E. - Water System Analysis and Hydraulic Modeling

Lance has 19 years of experience, including the design, project management, construction oversight, and fabrication of reverse osmosis and ultrafiltration water treatment plants for municipal utilities. In addition, Lance serves on the Board of Directors of the Southeast Desalting Association (SEDA) and was the recipient of one of its 2015 Distinguished Service Awards. Lance has worked closely with the leadership of FDEP's Drinking Water Program to develop guidance for FDEP's administration of chlorine dioxide to be used as a pioneering alternate disinfectant to chlorine or chloramines. Lance's publications include peer reviewed journal articles pertaining to advanced water treatment, alternative disinfectants, alternative water supply pilot testing, membrane concentrate disposal, and energy recovery applications.



Alan Garri, P.E. - Current and Potential Regulatory Requirements

Alan is a senior project manager with Kimley-Horn with 18 years of experience involving water, wastewater, stormwater, and roadway design. Alan's water resources expertise includes water quality for TN removal, septic to sewer programming and design, vacuum sewer design, and hydrology and hydraulic modeling. Alan has designed and managed the construction of several traditional gravity sewer and lift station systems, vacuum sewer systems, and low pressure systems. Alan has additional expertise that complements his septic tank removal and central sewer installation experience, including general civil engineering, construction management, grant application assistance and compliance, and BMAP modification and compliance.



Michael Stanley, P.E. - Wastewater System Analysis and Hydraulic Modeling

Michael is a water resources engineer with seven years of experience in surveying, pipeline design, utility coordination, master planning, pressure testing, permitting, and the water/wastewater treatment process. Michael has three years of experience directing laboratories at the University of Florida where he taught students how to use the AutoCAD program. He has used AutoCAD Civil3D in the professional world to create plan sets for pipe networks which were issued for construction. He has toured a variety of treatment plants with the plant operators to gain more knowledge about the process. Michael is also familiar with the AutoCAD MEP, WaterCAD, SewerCAD, MatLab, and ArcGIS programs.



Jason Sheasley, P.G. - Water Supply/Hydrogeologic and Groundwater Modeling

Jason has 27 years of experience involving water resources, hydrogeology, and geology. He specializes in hydrogeology, groundwater resources, water quality, groundwater modeling, MODFLOW, and construction dewatering. Jason's experience includes due diligence; Phase I and Phase II environmental site assessment reporting; the development of Brownfield sites and environmentally-impacted properties; and environmental compliance under RCRA, CERCLA, and state hazardous waste programs. Jason has directed and managed projects relating to the characterization and remediation of soil and groundwater contamination, provided technical oversight for the development of regional groundwater management policies, and is familiar with the use and application of geographic information systems (GIS) (ArcView, ArcInfo, ArcSDE).

Project Team Resumes

Kimley-Horn project team resumes are provided at the end of this section.

Workload

Kimley-Horn is very progressive when it comes to understanding its current workload and its capacity to take to clients. Kimley-Horn uses a robust management information system (MIS) to continuously track our financial performance and productivity, accurately forecasting technical and manpower needs. One of the key elements of the MIS is a reliable forecasting process we call the “cast-ahead” system. The cast-ahead system is accessible by all our project managers throughout the nation. It is the primary means of tracking and evaluating our staffing needs. Updated monthly by our project managers, the cast-ahead system forecasts our workload for the next month and the upcoming six-month period. The cast-ahead process ensures that sufficient staff and hours are available to meet project schedules.

The input required of the project managers includes individual project names, as well as requests for specific personnel to work on these projects for a specified number of weeks. The combined input from all project managers is compiled and distributed in the form of a report to all project managers and regional management for review and discussion at the monthly cast-ahead meeting. Work overloads or shortages for specific personnel, individual offices, and disciplines are tabulated and addressed at the meeting. Where possible, these imbalances are resolved through internal shifts of personnel between offices. The objective is to balance the workload in a manner that maximizes the use of production staff, while ensuring that all project requirements and client deadlines are met.

Based on his review of our cast-ahead report, our project manager, Gene Losito, P.E. has determined that the proposed team is readily available and in an excellent position to handle any tasks required for the BLCCDD Integrated Water/Wastewater Resource Master Plan. Project manager Gene Losito, P.E. and assistant project manager Trey Clayton, E.I. will expertly coordinate all efforts on your assignments.

Kimley-Horn Project Team Availability Table

Project Team Member	Percentage of Availability
Gene Losito, P.E.	40%
Trey Clayton, E.I.	50%
M. Lewis Bryant, P.E.	20%
Matt Tebow, P.E.	30%
Lance Littrell, P.E.	25%
Alan Garri, P.E.	40%
Michael Stanley, P.E.	50%
Jason Sheasley, P.G.	50%
Cara Elliott, E.I.	50%
Thomas Trexler, E.I.	60%

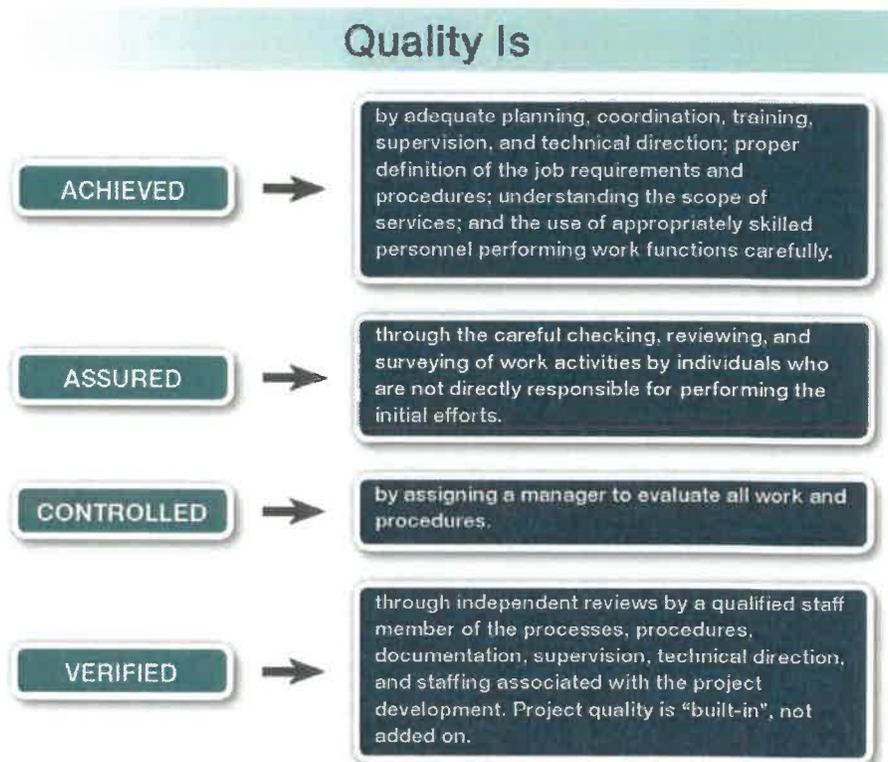
Quality Assurance/Quality Control (QA/QC) Program

Recognizing the critical importance of careful quality control, Kimley-Horn developed a QA/QC manual that every project manager is required to know, and we certify that our procedures will ensure high-quality services that satisfy our clients' needs. Quality is a keystone principle that has enabled us to become one of the leading consulting firms in the country. Our approach to frequent communication and to quality assurance/quality control will relieve your staff of any significant project review efforts. A QA/QC review of project solutions and analysis, together with design reviews, will ensure a top-quality deliverable for our clients.

A key component of quality control is quality people. We offer you a team of experienced and technically proficient professionals. The Kimley-Horn team provides the ideal combination of relevant experience, expert engineering, and proven cost control management techniques.

We achieve quality through rigorous planning, coordination, supervision, technical direction, and the use of appropriately skilled professionals. *The following steps summarize our formal in-house program for complete quality management:*

- **Develop Detailed Work Plan.** The work plan establishes the major tasks, identifies staff members who will complete the tasks, determines how much time the tasks will take, designates the quality control review staff, and details the schedule for accomplishment.
- **Assign QA/QC Responsibility.** We have identified *Matt Tebow, P.E.* as our QA/QC officer. Matt will conduct QA/QC reviews at the end of each project phase to ensure that the project deliverable is not only technically correct but also consistent with the project's objectives.
- **Conduct Peer Reviews.** We design peer reviews to check, review, and provide oversight of work activities. Individuals who are not directly responsible for performing the task conduct peer reviews, offering an unbiased technical evaluation at every step of the project.
- **Perform Meticulous Project Documentation.** Appropriate data and work papers that detail the choices that were evaluated and the basis for recommendations will support all documents.
- **Final Project Manager Endorsement.** Gene Losito, P.E. our project manager will evaluate each project for clarity, accuracy, completeness, and scope compliance.





Gene Losito, P.E.

Project Manager, Geographic Information Systems (GIS), Water System Analysis and Hydraulic Modeling

Relevant Experience

Bay Laurel Center Community Development District (BLCCDD) GIS Mapping Services, Marion County, FL — Project Manager. Kimley-Horn successfully provided assistance to BLCCDD in updating their GIS Asset Inventory Maps of their Water and Wastewater Collection Systems. Using as-built records provided by BLCCDD, we located water system and sewer system components spatially and populated attribute databases with detailed information on the utility systems.

Stone Creek Communities by Del Webb, Marion County, FL— Project manager. Kimley-Horn is providing planning, design, permitting, and bid and construction engineering services for a multi-year, multi-phase active adult golf course community. The project is a 1500-acre, 4,000-residential dwelling unit community. We have been responsible for more than 40 project phases that included transportation planning, master grading and stormwater design, master sanitary sewer design, master water system design, roadway design, subdivision design, commercial design, and amenity center designs. Currently, more than 2000 units have been designed, permitted, and constructed.

Utility System Master Plan, Wildwood, FL — Project engineer. The City of Wildwood anticipated significant growth in the Wildwood area over the next 20 years. This growth provided the City with the opportunity to expand the existing utility systems to provide potable water and sanitary sewer services to new customers. In response to this anticipated future demand, the City planned to improve and expand the utility infrastructure to adequately meet future demands. This master plan and accompanying hydraulic modeling was assembled to assist the City with identifying and selecting capital improvement projects to efficiently and cost-effectively meet the demands of current and future residents. The primary objective of the utility master plan was to assess the performance of the existing potable water, sanitary sewer, and reclaimed water systems currently owned and operated by the City of Wildwood and plan for system improvements/expansion needed to meet the anticipated 5-, 10-, and 20-year demands.

Water and Wastewater Utility Master Plan, Dunnellon, FL — Project engineer. Kimley-Horn prepared the utility master plan for the City of Dunnellon water and wastewater systems. The analysis included new treatment plant location evaluations, system growth planning, capital improvement projects programming, line sizing, existing lift station evaluations and modifications, and system realignments. As part of this project, Kimley-Horn generated water and wastewater system models using WaterGEMS and SewerGEMS software, performed hydraulic and water age analyses, and provided capital improvement project planning assistance.

Water Quality Master Plan, Crystal River, FL — Project engineer. Kimley-Horn created a stormwater master plan for the City's CRA. This master plan was focused on improving water quality in Kings Bay with regard to total nitrogen (TN) and total phosphorus (TP), streamlining the future development and redevelopment of waterfront community assets, meeting regulatory permit requirements, and maximizing developable area for economic benefit. Tasks include data collection and inventory, alternatives development, master plan development, and SWFWMD conceptual ERP. Kimley-Horn permitted a custom Conceptual Permit with the SWFWMD that focuses on improvements to water quality methods, creating a plan that improves quality runoff to King's Bay while still allowing redevelopment of the historic waterfront district.

Special Qualifications

- Has 14 years of experience involving civil engineering
- Proficient with AutoCAD 3D, ArcGIS, StormCAD, WaterCAD, InfoWater, ICPR, and Ponds software
- Specializes in civil land development, water and wastewater distribution and transmission, stormwater modeling and drainage design, and geographic information systems

Professional Credentials

- Bachelor of Science, Civil and Environmental Engineering, University of Florida
- Professional Engineer in Florida, #75547
- American Society of Civil Engineers
- Florida Engineering Society

Relevant Experience, continued

Windstream Water System Master Plan, Marion County, FL — Project engineer. Kimley-Horn provided modeling and analysis of Marion County's Windstream water distribution system with the addition of the Windstream water distribution system. Tasks included creating and calibrating an InfoWater model, analyzing and modeling the system to identify the water treatment plant and distribution system improvements needed to meet future potable water demand, and preparing a modeling report. Work was performed using ArcGIS and Infowater.

Marion County Utilities Oak Run Water System Model/Master Plan, Marion County, FL — Project engineer. The project included model development, calibration, and hydraulic analysis of the approximately five-square mile water system using InfoWater (MWHSoft) modeling software.

Oxford Water Treatment Plant Design, Wildwood, FL — Project engineer. Kimley-Horn provided SWFWMD coordination to design, construct, and permit two 1,100-foot-deep lower Floridan potable water wells with design pumping capacity of 2,600 gpm each. The project included geophysical logging, packer testing, and 72-hour pump testing. In addition to the well design and construction, Kimley-Horn prepared construction plans and specifications for a 3.0-MGD water treatment facility consisting of packed tower aeration, synthetic carbon odor control, and sodium hypochlorite disinfection. The project was funded by State appropriations grants and FDEP SRF loans. Kimley-Horn provided funding acquisition and grant/loan grant/loan administration assistance.

Ashley Water Treatment Plant (WTP), Wildwood, FL — Project Engineer. Kimley-Horn was responsible for all design, construction document preparations, permitting, bid administration, and construction administration for the Ashley water treatment plant (WTP). The 0.7-MGD WTP consisted of one water supply well, control building, onsite power generation, and two 10,000-gallon hydropneumatic tanks.

Water and Wastewater System Mapping, Dunnellon, FL — Project analyst on the Kimley-Horn team that prepared complete system maps of the City's water and wastewater utilities in geographic information system (GIS) format. System maps included utility line locations, line sizes and materials, and lift station wet well and pump information. Assisted with map revisions.

Champagne Farm Water System Preliminary Design Report (PDR), Wildwood, FL — Project engineer. Under our continuing civil engineering services contract with the City of Wildwood, Kimley-Horn provided engineering design, analysis, and water system modeling for the City of Wildwood's water distribution system. The project included a development, calibration, and hydraulic analysis of the entire City's water distribution system (approximately 50 square miles) using WaterGEMS software. In addition, a preliminary engineering design report for the Champagne Farm water treatment facility (using a lower Floridan aquifer water source) was prepared. Preliminary design and construction cost estimates were prepared for recommended system improvements. The modeling software used included WaterCAD and Infowater.

Ocala Preserve, Marion County, FL — Project manager. Kimley-Horn is providing planning, design, permitting, and bid and construction engineering services for a multi-year, multi-phase adult golf course community. The project is a 620-acre, 1,700-residential dwelling unit community. We have been responsible for more than nine project phases that included transportation planning, master grading and stormwater design, master sanitary sewer design, master water system design, roadway design, subdivision design, commercial design, and amenity center designs. Currently, more than 300 units have been designed, permitted, and constructed, and the 18-hole golf course is under construction.

Northeast Service Territory Force Main Extension (Trailwinds), Wildwood, FL — Project engineer. Kimley-Horn designed and permitted approximately 18,000 feet of 12 inches/16 inches of force main for the City of Wildwood. The project included hydraulic modeling (SewerCAD), transient analysis (Hammer V8i), design and production of construction plans and specifications, a lift station design, and pump selection. The project route crossed several county roads, under an FDOT bridge, and CSX railroad crossing.



Trey Clayton, E.I.

Assistant Project Manager, Geographic Information Systems (GIS), Water System Analysis and Hydraulic Modeling, Wastewater System Analysis and Hydraulic Modeling, Reclaim System Analysis and Hydraulic Modeling

Relevant Experience

Bay Laurel Center Community Development District (BLCCDD) GIS Mapping Services, Marion County, FL — Project engineer. Kimley-Horn successfully provided assistance to the BLCCDD with updating their GIS Asset Inventory Maps of their water and wastewater collection systems. Using as-built records provided by BLCCDD, we located water system and sewer system components spatially and populated attribute databases with detailed information on the utility systems.

Oxford Water Treatment Plant Design, Wildwood, FL — Project analyst. Kimley-Horn provided SWFWMD coordination to design, construct, and permit two 1,100-foot-deep lower Floridan potable water wells with design pumping capacity of 2,600 gpm each. The project included geophysical logging, packer testing, and 72-hour pump testing. In addition to the well design and construction, Kimley-Horn prepared construction plans and specifications for a 3.0-MGD water treatment facility consisting of packed tower aeration, synthetic carbon odor control, and sodium hypochlorite disinfection. The project was funded by State appropriations grants and FDEP SRF loans. Kimley-Horn provided funding acquisition and grant/loan grant/loan administration assistance.

Utility System Master Plan, Wildwood, FL — City of Wildwood Utility Master Plan Update, Wildwood, FL—Project analyst. Due to increased growth and changes in the residential development pattern, the City of Wildwood (City) requested Kimley-Horn to update the City's utility master plan for the purpose of identifying and prioritizing capital projects and updating the financial analysis. Kimley-Horn worked with the City to gather information, develop future needs, perform necessary hydraulic analysis, develop costs, report recommendations, and produce a prioritized list of funded needs. Through hydraulic modeling of the City's water and wastewater systems, along with interactive sessions with the City, Kimley-Horn developed a list of capital improvements required to serve the existing, 5, 10, and 20-year future needs of the utility service area.

Water Resources Master Plan, Volume I and III Specification Revisions, Ocala, FL Project engineer for the revision associated with this project that consisted of a review of the existing specifications within Volumes I and III, reformatting of the specifications to the SpecText format, and addition of requested sections to the specifications. Specifically, the City of Ocala has stated that Volume III did not adequately address paving, earthwork, rock removal, backfill, concrete work, and sink hole remediation that would typically be associated with utility construction projects, so Kimley-Horn included specifications for these sections in the SpecText format.

Marion County Utilities Marion Oaks Water System Master Plan, Marion County, FL Project analyst. Kimley-Horn provided GIS system design, modeling, and master planning services for Marion County for the approximately 25-square mile Marion Oaks water system. Kimley-Horn developed and calibrated a model within an ArcGIS framework using InfoWater (Innovyze) modeling software. Kimley-Horn performed hydraulic analyses to formulate recommendations for future improvements to the Marion Oaks Water System. Existing, 5-year, 10-year, 20-year, and buildout conditions were reviewed. Recommendations included upsizing existing water mains, decommissioning or expanding water treatment plants, or constructing new water mains. Marion County was involved in the planning efforts to ensure recommendations were feasible.

Special Qualifications

- Six years of experience as a civil, water, and wastewater analyst
- Software experience includes AutoCAD MEP and Civil 3D, ArcMap GIS, Innovyze InfoWater, Innovyze InfoSewer, Benley WaterCAD, Bentley SewerCAD, Bentley Hammer, Microsoft Project, Inventor, and Sketch Up

Professional Credentials

- Bachelor of Science, Agricultural Engineering, Auburn University
- Engineering Intern in Florida, #1100019394

Relevant Experience, continued

Utility System Master Plan, Belleview, FL — Project engineer. Kimley-Horn developed a comprehensive water, wastewater, and reclaimed water utility master plan for the purpose of identifying and prioritizing capital projects for the City of Belleview. The utility master plan was comprised of the following elements: preparation of system demand projections for the 5-, 10-, and 20-year future needs of the utility service area; demand projects, including septic to sewer conversion projects identified by the City; preparation of water, wastewater, and reclaimed water master plans based on the 5-, 10-, and 20-year demand projections; preparation of an FDEP wastewater treatment facility (WWTF) capacity analysis report (CAR) update; preparation of a WWTF expansion plan; preparation of a limited wellfield siting evaluation; identification of potential project funding sources; and providing a revenue sufficiency analysis.

Stonecrest Water System Master Plan, Marion County, FL — Project engineer. Marion County Utilities wanted to develop a water utility master plan to meet future demands in the Stonecrest service territory. Kimley-Horn developed future needs and demands, performed hydraulic modeling, and produced alternatives for meeting the future demands of the service territory. Future needs and alternatives were focused for meeting the existing, 5-, 10-, 20-, and buildout demands of the service area. Kimley-Horn utilized the County's GIS system mapping for the hydraulic analysis. Kimley-Horn also prepared and performed the hydraulic modeling for the system using InfoWater hydraulic modeling software. Project services included data collection, model update/calibration, potable water system hydraulic modeling, and preparation of a water system master plan.

Utility Master Plan, Bunnell, FL — Project engineer. Project services include preparing a comprehensive water, wastewater, and reclaimed water utility master plan. The master plan will identify and prioritize utility system capital projects necessary to support anticipated growth and address infrastructure renewal and replacement needs required to serve the existing, 5-, 10-, and 20-year future needs of the City's utility service area. Additional services will include: wastewater collection system hydraulic analysis/evaluation; wastewater treatment facility (WWTF) master plan; reclaimed water distribution system hydraulic analysis; Capital Improvement Program development; revenue sufficiency analysis; funding alternatives evaluation; and public involvement.

Wastewater Master Plan and Permit, Crystal River, FL — Project analyst. The project involved reviewing the boundary of the City's utility service area and considering wastewater projects associated with the Basin Management Action Plan requirements to reduce nutrient loading into Kings Bay. The objective of the project was to evaluate Crystal River's wastewater conveyance system for capacity limitations and developing a prioritized CIP. The hydraulic model consisted of 70 pump stations and connecting force mains.

Wastewater Master Plan, Ocala, FL — Project analyst. The City of Ocala needs to develop a comprehensive wastewater master plan for improving system hydraulics and prioritizing capital projects. The scope of services includes data collection, population demand/future growth projections, wastewater system modeling, master plan report update, capital improvement program development, and revenue sufficiency analysis. The wastewater master plan will focus on capital improvements required to serve the existing, 5-, 10-, and 20-year future needs of the utility service area.

Water and Wastewater System Hydraulic Analysis and Modeling, Belleview, FL — Project analyst. Provided water and wastewater hydraulic system analysis for the City of Belleview. This wastewater hydraulic system analysis project involves the development of a lift station/force main hydraulic model, calculating existing system demands, calibrating the model with field data, and providing a technical memorandum summarizing the model development, calibration, and results. The water hydraulic system analysis project involved the development of a comprehensive water system hydraulic model, calculating existing system demands, calibrating the model, and providing a summary technical memorandum describing the model development, calibration, and results.

Springs Shores 12-inch and 16-inch Reclaimed Water Main (includes Silver Springs Shores Regional Water System Consolidation and Modeling, Ocala, FL — Project analyst. Kimley-Horn designed and permitted approximately 22,000 feet of 12-inch/16-inch reclaimed water main for Marion County Utilities. The project included hydraulic modeling (in WaterCAD), transient analysis (Hammer V8i), and design/production of construction plans and specifications. The project route crossed several county roads and a CSX railroad crossing. The project connected the Marion County reclaimed water system with the City of Belleview's existing reclaimed system. Both systems operate independently on separate SCADA systems. Part of the design effort included directing subconsultants on telemetry design and SCADA system integration.



M. Lewis Bryant, P.E.

Principal-in-Charge, Water Supply/Hydrogeologic and Groundwater Modeling, Wastewater System Analysis and Hydraulic Modeling, Current and Potential Regulatory Requirements

Relevant Experience

Oxford Water Treatment Plant Design, Wildwood, FL — Project manager. Kimley-Horn provided SWFWMD coordination to design, construct, and permit two 1,100-foot-deep lower Floridan potable water wells with design pumping capacity of 2,600 gpm each. The project included geophysical logging, packer testing, and 72-hour pump testing. In addition to the well design and construction, Kimley-Horn prepared construction plans and specifications for a 3.0-MGD water treatment facility consisting of packed tower aeration, synthetic carbon odor control, and sodium hypochlorite disinfection. The project was funded by State appropriations grants and FDEP SRF loans. Kimley-Horn provided funding acquisition and grant/loan grant/loan administration assistance.

Utility System Master Plan, Wildwood, FL — Project manager. The City of Wildwood anticipated significant growth in the Wildwood area over the next 20 years. This growth provided the City with the opportunity to expand the existing utility systems to provide potable water and sanitary sewer services to new customers. In response to this anticipated future demand, the City planned to improve and expand the utility infrastructure to adequately meet future demands. This master plan and accompanying hydraulic modeling was assembled to assist the City with identifying and selecting capital improvement projects to efficiently and cost-effectively meet the demands of current and future residents. The primary objective of the utility master plan was to assess the performance of the existing potable water, sanitary sewer, and reclaimed water systems currently owned and operated by the City of Wildwood and plan for system improvements/expansion needed to meet the anticipated 5-, 10-, and 20-year demands.

Marion County Utilities Marion Oaks Water System Master Plan, Marion County, FL Project manager. Kimley-Horn provided GIS system design, modeling, and master planning services for Marion County for the approximately 25-square mile Marion Oaks water system. Kimley-Horn developed and calibrated a model within an ArcGIS framework using InfoWater (Innovyze) modeling software. Kimley-Horn performed hydraulic analyses to formulate recommendations for future improvements to the Marion Oaks Water System. Existing, 5-year, 10-year, 20-year, and buildout conditions were reviewed. Recommendations included upsizing existing water mains, decommissioning or expanding water treatment plants, or constructing new water mains. Marion County was involved in the planning efforts to ensure recommendations were feasible.

Utility System Master Plan, Belleview, FL — Project manager. Kimley-Horn developed a comprehensive water, wastewater, and reclaimed water utility master plan for the purpose of identifying and prioritizing capital projects for the City of Belleview. The utility master plan was comprised of the following elements: preparation of system demand projections for the 5-, 10-, and 20-year future needs of the utility service area; demand projects, including septic to sewer conversion projects identified by the City; preparation of water, wastewater, and reclaimed water master plans based on the 5-, 10-, and 20-year demand projections; preparation of an FDEP wastewater treatment facility (WWTF) capacity analysis report (CAR) update; preparation of a WWTF expansion plan; preparation of a limited wellfield siting evaluation; identification of potential project funding sources; and providing a revenue sufficiency analysis.

Stonecrest Water System Master Plan, Marion County, FL — Project manager. Marion County Utilities wanted to develop a water utility master plan to meet future demands in

Special Qualifications

- More than 20 years of experience with municipal utility engineering, including wastewater treatment plant (WWTP) modifications, utility relocation, master planning, distribution system design, hydraulic computer modeling and analysis, and construction phasing and inspections
- As one of the Florida region's WWTP design leaders, Lewis specializes in WWTP design, facility expansion plans, permit renewals, and operational evaluations. His experience includes new WWTP design/permitting, WWTP modifications, expansion plans and capacity analysis reports, water and wastewater utility mapping, modeling, expansions, and construction inspections
- Rehabilitation and/or replacement of sanitary sewer laterals
- Serves on the Water Environment Federation's (WEF) National Water Resource Recovery and Design Committee (MRRDC) and on the WEFtech International Conference Workshop Review Committee

Professional Credentials

- Master of Business Administration, University of Florida
- Master of Science, Civil Engineering, University of Florida
- Bachelor of Civil Engineering, University of Florida
- Bachelor of Science, Technology (Nuclear), Regents College
- Professional Engineer in Florida, #65582
- American Water Works Association
- Florida Engineering Society
- Water Environment Federation

Relevant Experience, continued

the Stonecrest service territory. Kimley-Horn developed future needs and demands, performed hydraulic modeling, and produced alternatives for meeting the future demands of the service territory. Future needs and alternatives were focused for meeting the existing, 5-, 10-, 20-, and buildout demands of the service area. Kimley-Horn utilized the County's GIS system mapping for the hydraulic analysis. Kimley-Horn also prepared and performed the hydraulic modeling for the system using InfoWater hydraulic modeling software. Project services included data collection, model update/calibration, potable water system hydraulic modeling, and preparation of a water system master plan.

Utility Master Plan, Bunnell, FL — Project engineer. Project services include preparing a comprehensive water, wastewater, and reclaimed water utility master plan. The master plan will identify and prioritize utility system capital projects necessary to support anticipated growth and address infrastructure renewal and replacement needs required to serve the existing, 5-, 10-, and 20-year future needs of the City's utility service area. Additional services will include: wastewater collection system hydraulic analysis/evaluation; wastewater treatment facility (WWTF) master plan; reclaimed water distribution system hydraulic analysis; Capital Improvement Program development; revenue sufficiency analysis; funding alternatives evaluation; and public involvement.

Windstream Water System Master Plan, Marion County, FL — Project manager. Kimley-Horn provided modeling and analysis of Marion County's Windstream water distribution system with the addition of the Windstream water distribution system. Tasks included creating and calibrating an InfoWater model, analyzing and modeling the system to identify the water treatment plant and distribution system improvements needed to meet future potable water demand, and preparing a modeling report. Work was performed using ArcGIS and Infowater.

CR 501 Water Treatment Plant (WTP) Filter Design, Wildwood, FL — Project manager. The City of Wildwood owns and operates the CR 501 Water Treatment Plant (WTP). The CR 501 WTP water supply wells have high levels of iron which exceed the Florida Department of Environmental Protection (FDEP) secondary drinking water standard of 0.3 mg/L. Currently, the City sequesters iron with polyphosphate, which is acceptable per the Florida Administrative Code (F.AC) 62-550.325, if the levels do not exceed 1.00 mg/L. The City intends to install an iron filtration system to remove the iron rather than to continue the iron sequestration program and has requested that Kimley-Horn prepare design documents suitable for the construction of this project.

Water Treatment Facility Feasibility Study/Blending Analysis, Ocala, FL — Project engineer. Kimley-Horn prepared a water treatment facility analysis for the recently constructed lower Floridan aquifer well and potential future well supplies. The purpose of the analysis was to plan the treatment necessary to treat the water supply to potable water quality, integration of the existing and new water treatment facilities, blending of the two water supplies, and identification of the optimal water treatment ratios of the existing and future treated water supplies. The project's scope of services included the specific tasks to gather information, develop treatment needs, perform necessary analyses, develop costs, and document the project results. The feasibility analysis focused on available treatment alternatives, anticipated water qualities and capital cost for each, integration techniques within the City, existing infrastructure and new blending facilities, and establishing the recommended road map for the City of Ocala's future treatment needs.

Water Use Permit (WUP) Renewal - Wildwood, FL — Project manager responsible for preparing the Southwest Florida Water Management District individual WUP renewal application. The application package included 20-year population and water use projections and groundwater impact analysis.

Juliette Falls Wastewater Treatment Facility (WWTF), Dunnellon, FL — Project engineer responsible for the design and permitting of the Juliette Falls WWTF. The project included groundwater monitoring plan development and treatment plant process design for a public access reuse treatment facility in western Marion County.

Well Field Analysis, Dunnellon, FL — Conducted a well field evaluation for future public supply well sites east of the Rainbow River in the City of Dunnellon. The evaluation included groundwater modeling and drawdown analysis to identify potential impacts to local surface water features.

Marion County Utilities Orange Blossom Hills Water Treatment Plant (WTP) Site Due Diligence, Marion County, FL — Project manager. Kimley-Horn provided site due diligence services for the suitability of a future lower Floridan well and water treatment plant (WTP) on 13 acres in Orange Blossom Hills (OBH). Due diligence services included construction, sampling, and analysis of a 1,200-foot-deep lower Floridan core well, natural resources assessment, Phase I environmental site assessment, hydrogeological modeling, engineering evaluations/project coordination, and lower Floridan aquifer core sampling.



Matt Tebow, P.E.

QA/QC, Wastewater System Analysis and Hydraulic Modeling, Reclaim System Analysis and Hydraulic Modeling

Relevant Experience

Utility System Master Plan, Wildwood, FL — Project engineer. The City of Wildwood anticipated significant growth in the Wildwood area over the next 20 years. This growth provided the City with the opportunity to expand the existing utility systems to provide potable water and sanitary sewer services to new customers. In response to this anticipated future demand, the City planned to improve and expand the utility infrastructure to adequately meet future demands. This master plan and accompanying hydraulic modeling was assembled to assist the City with identifying and selecting capital improvement projects to efficiently and cost-effectively meet the demands of current and future residents. The primary objective of the utility master plan was to assess the performance of the existing potable water, sanitary sewer, and reclaimed water systems currently owned and operated by the City of Wildwood and plan for system improvements/expansion needed to meet the anticipated 5-, 10-, and 20-year demands. Assembled and calibrated a water system hydraulic model with WaterCAD and a wastewater collection system SewerCAD hydraulic model. Developed planning demand criteria and evaluated the water, wastewater, and reclaimed water system for the 5-year, 10-year, and 20 year projected demands. Developed a staged capital improvement program with financing and funding alternatives.

Marion County Utilities Marion Oaks Water System Master Plan, Marion County, FL Project engineer. Kimley-Horn provided GIS system design, modeling, and master planning services for Marion County for the approximately 25-square mile Marion Oaks water system. Kimley-Horn developed and calibrated a model within an ArcGIS framework using InfoWater (Innovyze) modeling software. Kimley-Horn performed hydraulic analyses to formulate recommendations for future improvements to the Marion Oaks Water System. Existing, 5-year, 10-year, 20-year, and buildout conditions were reviewed. Recommendations included upsizing existing water mains, decommissioning or expanding water treatment plants, or constructing new water mains. Marion County was involved in the planning efforts to ensure recommendations were feasible.

Stonecrest Water System Master Plan, Marion County, FL — Project manager. Marion County Utilities wanted to develop a water utility master plan to meet future demands in the Stonecrest service territory. Kimley-Horn developed future needs and demands, performed hydraulic modeling, and produced alternatives for meeting the future demands of the service territory. Future needs and alternatives were focused for meeting the existing, 5-, 10-, 20-, and buildout demands of the service area. Kimley-Horn utilized the County's GIS system mapping for the hydraulic analysis. Kimley-Horn also prepared and performed the hydraulic modeling for the system using InfoWater hydraulic modeling software. Project services included data collection, model update/calibration, potable water system hydraulic modeling, and preparation of a water system master plan.

Wastewater Treatment Plant Process Evaluations, Wildwood, FL — Created hydraulic and biological process models of the 3.55 MGD wastewater treatment plant and conducted a detailed evaluation of the hydraulic and biological process performance. The evaluation included collection and analysis of plant operational data, as well as developing a biological process model using BioWin and a hydraulic model using Visual Hydraulics to evaluate the existing facilities. Provided process modeling summary and recommendations.

Special Qualifications

- Water resources engineer with 14 years of utility engineering and project management experience
- Experience providing pipeline design, hydraulic modeling, pump station design, directional bore calculations, design implementation of water/wastewater treatment plants, permitting, and construction observation services
- Engineer Officer in the Army National Guard
- Responsible for creating wastewater process and hydraulic models including wastewater characterization, calibration, and analysis for process improvements, expansions, rehabilitation, and new infrastructure at wastewater treatment facilities.
- Water resources software experience includes: BioWin (analysis and design of WWTPs), BioWin Controller (process control simulation), SewerGEMS, WaterGEMS, SewerCAD, WaterCAD, AutoCAD Civil3D, AutoCAD MEP, AutoCAD 3DS Max, ArcGIS, ArcScene

Professional Credentials

- Professional Engineer in Florida, #82414
- American Water Works Association
- Florida Water Environment Association

Relevant Experience, continued

BioWin Modeling of Existing Wastewater Treatment Process, Stuart, FL — Project engineer for the creation of hydraulic and biological process models of the 4.0-MGD wastewater treatment plant. Kimley-Horn conducted a detailed evaluation of the hydraulic and biological process performance. The evaluation included collection and analysis of plant operational data, as well as developing a biological process model using BioWin to evaluate the existing facilities. Kimley-Horn also provided process modeling summary and recommendations.

Biosolids Assessment and Recommendations, Waxahachie, TX — Created hydraulic and biological process models of the 8.0 MGD wastewater treatment plant and conducted a detailed evaluation and assessment of the hydraulic, biological, and biosolids processing performance. The evaluation included collection and analysis of plant operational data, as well as developing biological process models using BioWin to evaluate the capacity of the existing secondary and advanced process using alternative modes of operation. Provided a biosolids processing technology assessment and existing facility evaluations.

CR 209 12-inch Force Main and Lift Station Construction, Wildwood, FL — QA/QC reviewer. This project included: the conversion of the City's existing 40-HP, duplex CR 209 lift station to a new 80-HP triplex master lift station; new SCADA control panel; SCADA integration; new flow meter; new pressure transducer/transmitter; various electrical and control improvements; constructing a pretreatment screening structure; and constructing 16,500 feet of 12-inch force main and 9,300 feet of 16-force main from the CR 209 lift station to the City's WWTF. The new force main reduced the flows through an existing 6-inch force main, reduced pump operating times, and increased the long-term capacity and reliability of the wastewater collection system. Instrumental in assisting the City obtain a grant from the FDEP totaling \$250,000.

Ocala Water Reclamation Facility (WRF) #2 Facility Plan, Ocala, FL — Project engineer. Kimley-Horn developed a comprehensive water reclamation facility (WRF) master plan for planning and prioritizing future capital projects for Ocala WRF #2. Specific project tasks included gathering information, developing future needs, performing necessary analyses, developing costs, and documenting the project results. The WRF #2 Facility Plan focused on process equipment condition assessment, hydraulic flow splitting evaluations, biosolids processing evaluations, and blower/electrical improvements. Since the overall rated treatment capacity was expanded to 6.0 MGD, this project will limit capacity expansion evaluations to specific process equipment and biosolids treatment.

Port Orange Water Reclamation Facility (WRF) Alternative Carbon Source Evaluation, Port Orange, FL — Kimley-Horn created hydraulic and biological process models of the 12.0-MGD Port Orange WRF and conducted a detailed evaluation of the hydraulic and biological process performance for the denitrification filters. Kimley-Horn conducted a pilot study to evaluate the cost and effectiveness of implementing non-hazardous carbon source alternatives to methanol. The study consisted of the preparation of a pilot study program protocol, pre-pilot study background data collection and analysis, pilot study implementation, monitoring, troubleshooting, and data collection, and post pilot study data analysis and findings.

Continental Country Club Wastewater Treatment Facility, Wildwood, FL — Project engineer. Kimley-Horn performed a condition assessment, operational review, rehabilitation design, and construction administration for a 0.200-MGD Davco ring steel WWTF. The condition assessment and operational review included structural integrity evaluations, mechanical equipment inspections, and effluent disposal capacity evaluations. The rehabilitation design and construction administration included blower replacement, catwalk repairs, launder trough repairs, diffuser replacement, and digester rehabilitation.

CR 501 Force Main Design, Wildwood, FL — Project engineer. This pipeline project included the evaluation, design, and permitting for replacement of 8,000 linear feet of an existing 14-inch diameter PVC DR 25 C-905 force main that had a history of successive failures. The recommendations included the installation of a new 16-inch diameter PVC DR 18 C-905 force main and the installation of a new air-vacuum valve to help reduce the occurrence of column separation. The section of force main being replaced was part of a main transmission main that had several other lift stations connected to the system via manifold connections, and ultimately conveys flow to the City's wastewater treatment facility (WWTF). This project utilized hydraulic and transient modeling to aid in the design due to the complexity of the conveyance system, significant changes in pressure, and previous failure history. Using the hydraulic model, several scenarios were evaluated for potential impacts from a new 3,200-gpm master lift station, flow re-route options, hydraulic capacity of system lift stations, and transient analysis. Recommendations were made to modify current operations to reduce the operational impacts and risk of future failures.



Lance Littrell, P.E.

Water System Analysis and Hydraulic Modeling

Relevant Experience

Marion County Utilities Marion Oaks Water System Master Plan, Marion County, FL
Project engineer. Kimley-Horn provided GIS system design, modeling, and master planning services for Marion County for the approximately 25-square mile Marion Oaks water system. Kimley-Horn developed and calibrated a model within an ArcGIS framework using InfoWater (Innovyze) modeling software. Kimley-Horn performed hydraulic analyses to formulate recommendations for future improvements to the Marion Oaks Water System. Existing, 5-year, 10-year, 20-year, and buildout conditions were reviewed. Recommendations included upsizing existing water mains, decommissioning or expanding water treatment plants, or constructing new water mains. Marion County was involved in the planning efforts to ensure recommendations were feasible.

Water Facilities Plan, Davenport, FL — Project manager. The Drinking Water Facilities Plan identified the road map for successful utility expansion for the Town of Davenport based on present day, 5-year, 10-year, 20-year water demand. Kimley-Horn provided data collection, model update, potable water system hydraulic modeling, and a Drinking Water Master Plan in support of the preparation of the Drinking Water Facilities Plan. Kimley-Horn prepared a capacity evaluation of each water treatment plant along with a combined system capacity evaluation. The Drinking Water Master Plan included: an existing and future service area description; population/demand projections; water system analysis and methodology; recommended water system improvements; water system planning alternative and phasing; and water main replacement project features (components, alternative analyses, cost analysis, and challenges). The Drinking Water Facilities Plan was prepared in accordance with FDEP requirements and involved scheduling of and participation in a public meeting with a detailed agenda addressing required issues.

Ocala Water Treatment Facility Feasibility Study/Blending Analysis, Ocala, FL
Project manager. Kimley-Horn prepared a water treatment facility analysis for the recently constructed lower Floridan aquifer well and potential future well supplies. The purpose of the analysis was to plan the treatment necessary to treat the water supply to potable water quality, integration of the existing and new water treatment facilities, blending of the two water supplies, and identification of the optimal water treatment ratios of the existing and future treated water supplies. The project's scope of services included the specific tasks to gather information, develop treatment needs, perform necessary analyses, develop costs, and document the project results. The feasibility analysis focused on available treatment alternatives, anticipated water qualities and capital cost for each, integration techniques within the City, existing infrastructure and new blending facilities, and establishing the recommended road map for the City of Ocala's future treatment needs.

CR 501 Water Treatment Plant (WTP) Filter Design, Wildwood, FL — Project engineer. The City of Wildwood owns and operates the CR 501 Water Treatment Plant (WTP). The CR 501 WTP water supply wells have high levels of iron which exceed the Florida Department of Environmental Protection (FDEP) secondary drinking water standard of 0.3 mg/L. Currently, the City sequesters iron with polyphosphate, which is acceptable per the Florida Administrative Code (F.AC) 62-550.325, if the levels do not exceed 1.00 mg/L. The City intends to install an iron filtration system to remove the iron rather than to continue the iron sequestration program and has requested that Kimley-Horn prepare design documents suitable for the construction of this project.

Special Qualifications

- Has 19 years of experience successfully delivering water, wastewater, and reclaimed water utility projects throughout Florida
- Experience includes the design, project management, construction oversight, and fabrication of reverse osmosis and ultrafiltration water treatment plants for municipal utilities
- Municipal experience includes a well-rounded portfolio of planning, design, construction inspection, and start-up services, as well as operations assistance
- Significant experience in design and hands-on construction of membrane treatment systems in the U.S. and abroad
- Serves as the Region III Chair for FSAWWA, as well as on the Board of Directors of the Southeast Desalting Association (SEDA) (Board of Directors, 2011-2017)
- Lance has worked closely with the leadership of FDEP's Drinking Water Program to develop guidance for FDEP's administration of chlorine dioxide to be used as a pioneering alternate disinfectant to chlorine or chloramines

Professional Credentials

- Master of Business Administration, University of Central Florida
- Bachelor of Science, Mechanical Engineering, Old Dominion University
- Professional Engineer in Florida, #65645
- Professional Engineer in Ohio, #79857

Relevant Experience, continued

Wedgfield Water Treatment Plant DBP Improvements, Orlando, FL— Project engineer. Kimley-Horn was contracted to evaluate the 1 MGD water treatment plant in east Orange County in the Wedgfield community and develop treatment options to bring the facility into compliance including membranes, GAC, anion exchange and chlorine dioxide. The existing MIEX system was evaluated to optimize the system performance, and modifications were made to the controls which reduced the TTHM formation. However, this did not lower the TTHM formation enough to reliably maintain levels below the MCL. Kimley-Horn worked with the Owner to pilot test chlorine dioxide to reduce the TTHM formation from a laboratory study, pilot testing and full-scale implementation.

Lake Groves WTP DBP Improvements, Clermont, FL— Project engineer. While the membrane treatment reliably brings the TTHM levels down and was proven during the onsite pilot testing, Kimley-Horn evaluated chlorine dioxide as a potential alternative for the Utility's Stage 2 DBP compliance. Through laboratory testing and comparison of results with other chlorine dioxide data, it was found that the chlorine dioxide could be utilized as a pre-oxidant dosage to eliminate or significantly reduce the chloroform species of TTHMs forming from the raw water TOC when followed by chlorine disinfection. Since there are very little bromide species of TTHMs in the raw water formation potential, it was determined through jar testing that a chlorine dioxide system will reliably reduce the TTHM formation in the system by reacting with the organics.

Disinfectant/Disinfection Byproduct Control Study and Conceptual Design, Volusia County, FL — Project manager for Volusia County's Glen Abbey Water Treatment Plant pilot test evaluation and comparison of NF and GAC treatment processes. The project identified the complete operating and capital costs for each treatment yielding a recommendation to the County for implementation to meet the oncoming Stage 2 D/DBP Rule.

Stuart Water Treatment Plant Emerging Contaminants (PFAS's) Treatment and Implementation, Stuart, FL— Project engineer. The City of Stuart's Water Treatment Plant (WTP) is a 6.0-MGD lime softening facility with the surficial aquifer as the source of supply via 23 production wells. Kimley-Horn provided professional engineering services related to the implementation of a water treatment system for the removal of emerging contaminants, including perfluorinated chemicals (PFAS's), PFOA (Perfluorooctanoic Acid), and PFOS (Perfluorooctane Sulfonate) sampled and measured in the raw water supply for the City's drinking water wells. Contamination from a nearby public works facility that used and stored firefighting foams (AFFF) was determined to be the source of the groundwater contamination, forcing the City to construct an advanced treatment system to remove these contaminants. Kimley-Horn provided the design and permitting of the largest full-scale PFAS treatment system in the United States. This 4.0/8.0-MGD AIX/GAC system was designed to treat all of the City's raw water supply. This project is the largest ion exchange system in the United States, removing PFAS's to 10 parts per trillion. The new water treatment system, which is designed to treat all of the City's raw water supply, has the distinction of being the first ion exchange project of its kind in Florida and the largest (up to 8.0 MGD treatment capacity) in the U.S. at the time of completion, removing PFASs to less than 10 parts per trillion (non-detect).

Northeast Service Area Water Quality Investigation, Seminole County, FL — Project manager responsible for evaluating the County's service area, including water quality modeling for the Stage 2 D/DBP compliance. The project included a full upgrade to the hydraulic model and water quality calibration was completed to predict TTHM formation in the service area to be used as the basis of design for the Country Club Treatment Plant upgrades to obtain Stage 2 compliance.

Country Club Water Treatment Plant (WTP) Treatment Improvements Design, Seminole County, FL — Project manager responsible for the preliminary, final design, and permitting of the approximately \$15 million treatment expansion to Seminole County's 6.7-MGD WTP utilizing ozone treatment and granular activated carbon for removal of TOC and compliance with EPA's Stage II Disinfection Byproducts Rule. The design also included expanding the current site to accommodate complete construction of the new plant while maintaining the existing treatment capacity and capabilities. The final design included all new high-service pumping facilities, ground storage tanks, stormwater, electrical service, emergency power, instrumentation and controls, as well as demolition of the existing facilities. Particularly unique to this project was the permitting resulting from the wetland encroachment, mitigation, and tree removal.

Lead and Copper Corrosion Study Water Treatment Plants (WTPs) 2, 3, 8, and 9, Palm Beach County, FL— Project engineer. This project is part of Kimley-Horn's general water treatment plant engineering services contract. Kimley-Horn was retained by Palm Beach County Water Utilities Department to conduct a lead and copper corrosion study for Water Treatment Plants #2, #3, #8, #9, and #11. The results of this study provided a baseline for future plant improvements for water quality.



Alan Garri, P.E.

Current and Potential Regulatory Requirements

Relevant Experience

Water Resources Master Plan, Volume I and III Specification Revisions, Ocala, FL
Project manager for the revision associated with this project that consisted of a review of the existing specifications within Volumes I and III, reformatting of the specifications to the SpecText format, and addition of requested sections to the specifications. Specifically, the City of Ocala has stated that Volume III did not adequately address paving, earthwork, rock removal, backfill, concrete work, and sink hole remediation that would typically be associated with utility construction projects, so Kimley-Horn included specifications for these sections in the SpecText format.

Crystal River Water Quality Master Plan, Crystal River, FL — Project engineer. Kimley-Horn created a stormwater master plan for the City's CRA. This master plan was focused on improving water quality in Kings Bay with regard to total nitrogen (TN) and total phosphorus (TP), streamlining the future development and redevelopment of waterfront community assets, meeting regulatory permit requirements, and maximizing developable area for economic benefit. Tasks include data collection and inventory, alternatives development, master plan development, and SWFWMD conceptual ERP. Kimley-Horn permitted a custom Conceptual Permit with the SWFWMD that focuses on improvements to water quality methods, creating a plan that improves quality runoff to King's Bay while still allowing redevelopment of the historic waterfront district.

Best Management Practices (BMP) Feasibility Study, Crystal River, FL — Project manager. The City of Crystal River BMP Feasibility Study project was a Cooperative Funding Initiative Project and was part of the agreement between the Southwest Florida Water Management District (SWFWMD) and the City of Crystal River. The objective of the Feasibility Study was to determine the optimal locations for the implementation of stormwater Best Management Practices (BMPs) for water quality improvements within the City limits of Crystal River. The study identified and evaluated several types of BMPs for more than 24 locations within the City. The study provided a list of recommended BMP projects and demonstrated the proposed water quality benefits to the Kings Bay or Crystal River watersheds. Each project was assigned a grade (A through D) based on the evaluation of the six criteria. An "A" grade would be assigned to projects that had high nutrient removal, relatively simple implementation, and a good location. A "D" grade would be assigned to a project that had low nutrient removal, complicated implementation, or a problematic location. Based on this evaluation a final list of 14 feasible BMP project sites were identified. A summary report was prepared and submitted to the City and SWFWMD.

Burkitt Road Septic to Sewer, Florida Government Utility Authority (FGUA) — Project manager. The project involve removing approximately 11 septic tanks from the Rainbow Springs Watershed. Funding for between 75%-100% of the total project cost is being sought. The funding source is the FDEP Springs Initiative Grant. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, and arranged meetings with key state officials to further the project. Currently, the project has been approved for funding by SWFWMD and is being sent to FDEP for final review and approval for funding in the 2020 funding cycle

Chatmire Road Septic to Sewer, Florida Government Utility Authority (FGUA) — Project manager. The project will remove approximately 210 septic tanks from the Rainbow Springs Watershed. Funding for between 75%-100% of the total project cost is being

Special Qualifications

- Senior project manager with 18 years of experience involving water, wastewater, drainage, and roadway design
- Water resources expertise includes water quality, stormwater management, drainage design, septic to sewer, sewer design, and hydrology
- Has provided project management, site plans, feasibility studies, contract management, environmental permitting, grading design, erosion control, and construction management
- Has extensive experience with Water Management District and FDEP loan and grant funding programs

Professional Credentials

- Bachelor of Science, Mechanical Engineering, University of Florida
- Professional Engineer in Florida, #70674
- Florida Engineering Society
- Florida Institute of Consulting Engineers
- National Society of Professional Engineers (NSPE)

Relevant Experience, continued

sought. The funding source is the FDEP Springs Initiative Grant. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, arranged meetings with key state officials to further the project. Currently, the project has been approved for funding by SWFWMD and is being sent to FDEP for final review and approval for funding in the 2020 funding cycle.

Fairfield Village Sewer Conversion Project, Ocala, FL — Project manager. The project will remove approximately one wastewater package plant which serves approximately 350 residential homes from the Rainbow Springs Watershed. Funding for 50% of the total project cost is being sought. The funding source is the FDEP Springs Initiative Grant. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, arranged meetings with key state officials to further the project. Currently, the project has been approved for funding by SWFWMD and is being sent to FDEP for final review and approval for funding in the 2020 funding cycle.

Rainbow River and Rio Vista Septic to Sewer, Florida Government Utility Authority (FGUA) — Project manager. The project will remove approximately 275 septic tanks from the Rainbow Springs Watershed. Funding for between 75%-100% of the total project cost is being sought. The funding source is the FDEP Springs Initiative Grant. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, arranged meetings with key state officials to further the project. Currently, the project has been approved for funding by SWFWMD and is being sent to FDEP for final review and approval for funding in the 2020 funding cycle.

Timberwood Septic to Sewer Project, Ocala, FL — Project manager. The project will remove approximately 180 septic tanks from the Rainbow Springs Watershed. Funding for 50% of the total project cost is being sought. The funding source is the FDEP Springs Initiative Grant. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, arranged meetings with key state officials to further the project. Currently, the project has been approved for funding by SWFWMD and is being sent to FDEP for final review and approval for funding in the 2020 funding cycle.

Indian Waters Phase I Septic to Sewer Project, Crystal River, FL — Project manager. The project involved the assessment of the Indian Waters Phase I septic to sewer area. The water system, the roadways, easements, and City held property was also assessed. The project also included grant application assistance. Finally, the project will include the design of a vacuum sewer collection system to take the septic tanks off line and convey the wastewater to the City's collection system. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, arranged meetings with key state officials to further the project.

Crystal River Southern Sewer Expansion, Crystal River, FL — Project manager. The project involves design and construction of a sanitary sewer system which will remove from service approximately 706 septic tanks from the associated single family residential lots and 16 commercial septic tanks. Kimley-Horn has produced the application for grant funding, made presentations to FDEP and SWFWMD, arranged meetings with key state officials to further the project.

Downtown Dunnellon Utility Replacements, Dunnellon, FL — Project engineer. Due to age and condition concerns, the City replaced/relocated existing water mains, meter services, and sanitary sewer laterals in portions of the historic downtown area of the City. Portions of the existing utility system were upsized to improve hydraulic performance. The City funded a portion of the project with a Community Development Block Grant (CDBG) and potentially with low interest loans through the FDEP State Revolving Fund (SRF) program. To accommodate funding application submittal deadlines, Kimley-Horn worked with City staff and the City's CDBG administrator to identify the areas that were identified for inclusion with the CDBG application.

Hunter Springs DRA, Citrus County, FL — Project manager. The Hunter Springs DRA improvement project was a Cooperative Funding Initiative Project and was part of the agreement between the Southwest Florida Water Management District (SWFWMD) and Citrus County. The project met one of SWFWMD's strategic goals for water quality for Kings Bay. The Final TMDL Report for Kings Bay (June 2014) identified Total Nitrogen (TN) and Total Phosphorous (TP) as the pollutants of concern for this water body.



Michael Stanley, P.E.

Wastewater System Analysis and Hydraulic Modeling

Relevant Experience

Utility System Master Plan, Wildwood, FL — Analyst. The City of Wildwood anticipated significant growth in the Wildwood area over the next 20 years. This growth provided the City with the opportunity to expand the existing utility systems to provide potable water and sanitary sewer services to new customers. In response to this anticipated future demand, the City planned to improve and expand the utility infrastructure to adequately meet future demands. This master plan and accompanying hydraulic modeling was assembled to assist the City with identifying and selecting capital improvement projects to efficiently and cost-effectively meet the demands of current and future residents. The primary objective of the utility master plan was to assess the performance of the existing potable water, sanitary sewer, and reclaimed water systems currently owned and operated by the City of Wildwood and plan for system improvements/expansion needed to meet the anticipated 5-, 10-, and 20-year demands.

Water Resources Master Plan, Volume I and III Specification Revisions, Ocala, FL Project engineer for the revision associated with this project that consisted of a review of the existing specifications within Volumes I and III, reformatting of the specifications to the SpecText format, and addition of requested sections to the specifications. Specifically, the City of Ocala has stated that Volume III did not adequately address paving, earthwork, rock removal, backfill, concrete work, and sink hole remediation that would typically be associated with utility construction projects, so Kimley-Horn included specifications for these sections in the SpecText format.

Water Resources Master Plan, Volume I and III Specification Revisions, Ocala, FL Project analyst for the revision associated with this project that consisted of a review of the existing specifications within Volumes I and III, reformatting of the specifications to the SpecText format, and addition of requested sections to the specifications. Specifically, the City of Ocala has stated that Volume III did not adequately address paving, earthwork, rock removal, backfill, concrete work, and sink hole remediation that would typically be associated with utility construction projects, so Kimley-Horn included specifications for these sections in the SpecText format.

Utility System Master Plan, Belleview, FL — Project engineer. Kimley-Horn developed a comprehensive water, wastewater, and reclaimed water utility master plan for the purpose of identifying and prioritizing capital projects for the City of Belleview. The utility master plan was comprised of the following elements: preparation of system demand projections for the 5-, 10-, and 20-year future needs of the utility service area; demand projects, including septic to sewer conversion projects identified by the City; preparation of water, wastewater, and reclaimed water master plans based on the 5-, 10-, and 20-year demand projections; preparation of an FDEP wastewater treatment facility (WWTF) capacity analysis report (CAR) update; preparation of a WWTF expansion plan; preparation of a limited wellfield siting evaluation; identification of potential project funding sources; and providing a revenue sufficiency analysis.

Infrastructure Study, Bunnell, FL — Project engineer. Project services include preparing a comprehensive water, wastewater, and reclaimed water utility master plan. The master plan will identify and prioritize utility system capital projects necessary to support anticipated growth and address infrastructure renewal and replacement needs required to serve the existing, 5-, 10-, and 20-year future needs of the City's utility service

Special Qualifications

- Water resources engineer with seven years of experience
- Experience with surveying, pipeline design, utility coordination, master planning, pressure testing, permitting, and the water/wastewater treatment process
- Used AutoCAD Civil3D to create plan sets for pipe networks which were issued for construction
- Familiar with the AutoCAD MEP, WaterCAD, SewerCAD, MatLab, and ArcGIS programs

Professional Credentials

- Professional engineer in Florida, #88604
- American Society of Civil Engineers

Relevant Experience, continued

area. Additional services will include: wastewater collection system hydraulic analysis/evaluation; wastewater treatment facility (WWTF) master plan; reclaimed water distribution system hydraulic analysis; Capital Improvement Program development; revenue sufficiency analysis; funding alternatives evaluation; and public involvement.

Wastewater Master Plan and Permit, Crystal River, FL — Project analyst. The project involved reviewing the boundary of the City's utility service area and considering wastewater projects associated with the Basin Management Action Plan requirements to reduce nutrient loading into Kings Bay. The objective of the project was to evaluate Crystal River's wastewater conveyance system for capacity limitations and developing a prioritized CIP. The hydraulic model consisted of 70 pump stations and connecting force mains.

Wastewater Master Plan, Ocala, FL — Project analyst. The City of Ocala needs to develop a comprehensive wastewater master plan for improving system hydraulics and prioritizing capital projects. The scope of services includes data collection, population demand/future growth projections, wastewater system modeling, master plan report update, capital improvement program development, and revenue sufficiency analysis. The wastewater master plan will focus on capital improvements required to serve the existing, 5-, 10-, and 20-year future needs of the utility service area.

Rio Vista Wastewater Treatment Facility Decommissioning Design and CEI, Dunnellon, FL — As project engineer, provided construction administration and SRF coordination. Kimley-Horn provided water and wastewater system evaluations, FDEP Small Disadvantaged Community Wastewater Grant (SDCWG) coordination, USDA grant coordination, utility system billing history reviews, and financial analysis assistance for the acquisition of a neighboring water and wastewater utility system acquisition. The project included decommissioning an existing wastewater treatment facility and installation of a new master lift station, along with water and wastewater system upgrades. The construction portion of this project was partially funded by an FDEP SDCWG grant and USDA rural development grants.

Continental Country Club Wastewater Treatment Facility, Wildwood, FL — Project analyst. Kimley-Horn performed a condition assessment, operational review, rehabilitation design, and construction administration for a 0.200-MGD Davco ring steel WWTF. The condition assessment and operational review included structural integrity evaluations, mechanical equipment inspections, and effluent disposal capacity evaluations. The rehabilitation design and construction administration included blower replacement, catwalk repairs, launder trough repairs, diffuser replacement, and digester rehabilitation.

Plantation Bay Wastewater Treatment Facility (WWTF) Phase 1 Design and CEI, FL — As project analyst, provided engineering design, construction coordination, and SRF coordination. Kimley-Horn provided process design, construction administration services, and SRF loan administration assistance for the Class 1 reliability improvements and capacity expansion of the 0.475-MGD DAVCO-style Plantation Bay Wastewater Treatment Facility (WWTF). The project includes: expansion to the existing biological treatment process, new tertiary filtration system, chlorine contact tank modifications, new reject storage tank, and headworks improvements. The project also includes construction of a new MCC building and associated electrical equipment. The WWTF process design will include the following enhancements: internal recycle pumps, piping, and flow meter; DO or ORP process control; separate positive displacement blower and controls for the digester; anoxic zone mixers; catwalk between the existing WWTF and the proposed WWTF; and second filtration unit and associated piping. Project services include data collection, construction plans and specifications preparation, bid administration, and SRF construction loan administration assistance. Kimley-Horn assisted the County with securing a \$5.7-million SRF loan to fund construction of the WWTF expansion project. Additionally, Kimley-Horn was able to secure another \$500,000 St. Johns River Water Management District REDI grant for this project.

CR 501 Force Main Design, Wildwood, FL — Project analyst. This pipeline project included the evaluation, design, and permitting for replacement of 8,000 linear feet of an existing 14-inch diameter PVC DR 25 C-905 force main that had a history of successive failures. The recommendations included the installation of a new 16-inch diameter PVC DR 18 C-905 force main and the installation of a new air-vacuum valve to help reduce the occurrence of column separation. The section of force main being replaced was part of a main transmission main that had several other lift stations connected to the system via manifold connections, and ultimately conveys flow to the City's wastewater treatment facility (WWTF). This project utilized hydraulic and transient modeling to aid in the design due to the complexity of the conveyance system, significant changes in pressure, and previous failure history. Using the hydraulic model, several scenarios were evaluated for potential impacts from a new 3,200-gpm master lift station, flow re-route options, hydraulic capacity of system lift stations, and transient analysis. Recommendations were made to modify current operations to reduce the operational impacts and risk of future failures.



Jason Sheasley, P.G.

Water Supply/Hydrogeologic and Groundwater Modeling

Relevant Experience

Utility System Master Plan, Belleview, FL — Project geologist. Kimley-Horn developed a comprehensive water, wastewater, and reclaimed water utility master plan for the purpose of identifying and prioritizing capital projects for the City of Belleview. The utility master plan was comprised of the following elements: preparation of system demand projections for the 5-, 10-, and 20-year future needs of the utility service area; demand projects, including septic to sewer conversion projects identified by the City; preparation of water, wastewater, and reclaimed water master plans based on the 5-, 10-, and 20-year demand projections; preparation of an FDEP wastewater treatment facility (WWTF) capacity analysis report (CAR) update; preparation of a WWTF expansion plan; preparation of a limited wellfield siting evaluation; identification of potential project funding sources; and providing a revenue sufficiency analysis.

Clay County Utility Authority Hydrogeologic and Engineering Services, Clay County, FL Lead hydrogeologist for the Lower Floridan Aquifer Feasibility Investigation. Prepared a comprehensive evaluation of the upper and lower Floridan aquifers in Clay County based on published hydrogeologic literature and data. Evaluated potential funding sources for future investigations. Developed a program to collect and evaluate the hydrogeologic data from the lower Floridan aquifer. quality of the lower Floridan aquifer within the CCUA service area. This included identifying three candidate sites for exploratory boreholes. Prepared bid specifications and managed the bidding process for the proposed Floridan aquifer investigation.

Thomas Ranch Hydrogeologic Study, Sarasota County, FL — Senior hydrogeologist for the groundwater resource investigation conducted on this 1,600-acre ranch. Supervised the drilling and installation of irrigation wells on the site. Coordinated the collection of relevant lithologic, geophysical, hydrologic, and water quality data from each well. Analyzed the step-drawdown aquifer performance test data collected from each well to estimate the corresponding transmissivity and hydraulic conductivity values of the aquifer. Also examined the yield, production, and water quality of the wells relative to the projected irrigation demands. Prepared a hydrogeologic report for the subject site. The report included recommendations regarding the construction of future wells on the site.

Clay County Utility Authority Lower Floridan Aquifer Feasibility Assessment, Clay County, FL — Served as the project manager and principal hydrogeologist for the characterization and feasibility assessment of the lower Floridan aquifer in Clay County. The purpose of the investigation is to assess the prevailing hydrogeologic conditions relative to the feasibility of using the aquifer for alternative water supply, managed aquifer recharge or aquifer storage and recovery. This \$2-million project included drilling three, 2,000 foot deep coreholes to characterize the lower Floridan aquifer and identify the base of the underground source of drinking water (USDW). The included developing the feasibility approach, preparing the bid specifications for the drilling program and overseeing the implementation of the assessment. Served as the technical lead for the evaluation and interpretation of the lithologic, geophysical and water quality data from each borehole. Responsible for contract administration of the drilling program.

Lower Floridan Aquifer Wellfield, Wildwood, FL — Served as lead hydrogeologist. Kimley-Horn designed and constructed a lower Floridan aquifer wellfield for the City of Wildwood to off-site increasing water use demands on the upper Floridan aquifer in

Special Qualifications

- Has 27 years of experience in water resources, hydrogeology, contaminant hydrogeology, and geology
- Managed geologic and hydrogeologic investigations for the characterization of subsurface contamination at commercial, industrial, and government sites nationwide
- Specializes in hydrogeology, groundwater resources, water quality, groundwater modeling, MODFLOW, and construction dewatering
- Lead hydrogeologist for numerous water use permit application within the SFWMD.
- Proficient with MODFLOW finite difference numerical groundwater modeling and the use of Groundwater Vistas finite-difference groundwater modeling software
- Successfully applied the Southwest Florida Water Management District's district-wide regulation model to simulate potential impacts from proposed ground water withdrawal

Professional Credentials

- Certified Hazardous Materials Manager Exam Review Course - Georgia Institute of Technology
- Advanced Topics in Groundwater Modeling: Calibration, Uncertainty & Optimization, Environmental Simulations, Inc.
- Professional Geologist in Florida, #2236
- Professional Geologist in North Carolina, #2207
- Professional Geologist in Pennsylvania, #3832
- National Ground Water Association
- Institute of Hazardous Materials Management

Relevant Experience, continued

response to the City's projected growth. A Test Well Plan was developed by Kimley-Horn to construct and test two lower Florida aquifer wells to a depth of approximately 1,700 feet below land surface. Lithologic, hydrologic and geophysical logging was performed through the construction of the wells. The testing also included a 72-hour aquifer performance test to estimate the hydrogeologic parameters of the lower Floridan aquifer and middle confining unit. Kimley-Horn is designing a water treatment system based on the quarter quality data from the two lower Floridan aquifer wells.

Hydrogeologic Study, Former Buena Vista Railroad Yard, Miami-Dade County, FL — Served as lead hydrogeologist. Kimley-Horn conducted a hydrogeologic investigation at the former railroad yard to determine the feasibility of using stormwater drainage wells in association with the proposed development of the site. An extensive geologic and hydrogeologic analysis was performed of data collected from the site. This included determining the aquifer and water quality characteristics of the proposed injection zone. Developed criteria for the construction injection wells and the stormwater management system.

Groundwater Monitoring at Miscellaneous Sites Throughout Florida — Developed various site-specific GIS for contaminated sites throughout Florida for private sector clients. The project-specific GIS are used to managed and evaluate spatial data relative to groundwater contamination and long-term groundwater monitoring. The GIS are used to generate groundwater contour and isoconcentration maps for submittal to various state and local agencies.

Groundwater Remediation Projects, Florida, Georgia — Served as lead hydrogeologist. Developed groundwater models for remediation design. Utilized one or more of the following programs involving aquifer characteristic calculations, groundwater flow, and contaminant transport MOC, MODFLOW, Groundwater Vistas, QuickFlow, Aquifer win 32, WinTrans, MODPATH, RT3D, and finite element modeling of groundwater and contaminant transport.

Midtown Miami Brownfield Redevelopment (includes Hydrogeologic Study, Former Buena Vista Railroad Yard), Miami, FL Senior hydrologist for the site assessment activities conducted on the 56-acre site that formerly operated as a railroad yard. Supervised and documented soil and groundwater sampling activities. Assisted in the development of remedial strategies to address the environmental concerns associated with the site. These strategies were incorporated into the multi-million dollar brownfield redevelopment of the site. Remedial strategies were developed to reduce the potential for environmental impact and human exposure while allowing for the beneficial development of the site. Completed site assessment reports, remedial action plans, and engineering evaluation and cost analysis for the site. Assisted in preparation of the Brownfield site rehabilitation agreement for the subject site.

Well Construction, Thomas Ranch, Sarasota County, FL — Served as lead hydrogeologist for the hydrogeologic investigation of a 1,600-acre ranch in Sarasota County. The investigation included the drilling, construction and testing of two irrigations wells installed in the Intermediate Aquifer's PZ2 water bearing unit. Hydrogeologic testing included lithologic logging of rock cores and drill cuttings, geophysical logging and aquifer performance testing (APT). Estimated the aquifers transmissivity and storage capacity based upon data collected from the APT. Also examined the yield, production and water quality of the wells relative to the projected irrigation demands. Prepared a subsequent hydrogeologic report that summarized the well construction, hydrogeologic testing and water quality analysis. Provided recommendations regarding the future use of the wells for public water supply.

Consumptive Use Permitting, Various Locations, FL — Has a broad range of experience in water well and consumptive use permitting throughout Florida. This includes preparing needs assessment summaries and summaries of the current hydrogeologic conditions for the corresponding site. Has overseen the collection and reviewed the relevant geologic and hydrogeologic data used in the corresponding permit submittals. Has developed well construction plans for industrial, irrigation, and public supply wells. Additionally, has prepared the corresponding permit submittal packages for each facility.

Oak Hills Wastewater Treatment Plant Expansion, Loughman, FL — Senior hydrogeologist for the proposed expansion of a 200,000-gallon per day (GPD) wastewater treatment facility. Coordinated and supervised the collection and analysis of hydrogeologic data from the site. Using the relevant hydrogeologic data, prepared a reasonable assurance report (RAR) for the construction and operation of a rapid infiltration basin (RIB) for the disposal of treated effluent. The RAR documents the existing hydrogeologic conditions present at the RIB. Furthermore, the RAR provided technical justification for the construction and operation of the proposed RIB relevant to the prevailing hydrogeologic conditions. Interacted with local agencies and the Southwest Florida Water Management District for the completion and approval of the RAR.



Cara Elliott, E.I.

Water System Analysis and Hydraulic Modeling

Relevant Experience

Utility System Master Plan, Belleview, FL — Project analyst. Kimley-Horn developed a comprehensive water, wastewater, and reclaimed water utility master plan for the purpose of identifying and prioritizing capital projects for the City of Belleview. The utility master plan was comprised of the following elements: preparation of system demand projections for the 5-, 10-, and 20-year future needs of the utility service area; demand projects, including septic to sewer conversion projects identified by the City; preparation of water, wastewater, and reclaimed water master plans based on the 5-, 10-, and 20-year demand projections; preparation of an FDEP wastewater treatment facility (WWTF) capacity analysis report (CAR) update; preparation of a WWTF expansion plan; preparation of a limited wellfield siting evaluation; identification of potential project funding sources; and providing a revenue sufficiency analysis.

Ocala Water Treatment Facility Feasibility Study/Blending Analysis, Ocala, FL
Project analyst. Kimley-Horn prepared a water treatment facility analysis for the recently constructed lower Floridan aquifer well and potential future well supplies. The purpose of the analysis was to plan the treatment necessary to treat the water supply to potable water quality, integration of the existing and new water treatment facilities, blending of the two water supplies, and identification of the optimal water treatment ratios of the existing and future treated water supplies. The project's scope of services included the specific tasks to gather information, develop treatment needs, perform necessary analyses, develop costs, and document the project results. The feasibility analysis focused on available treatment alternatives, anticipated water qualities and capital cost for each, integration techniques within the City, existing infrastructure and new blending facilities, and establishing the recommended road map for the City of Ocala's future treatment needs.

Water Resources Master Plan, Volume I and III Specification Revisions, Ocala, FL
Project analyst for the revision associated with this project that consisted of a review of the existing specifications within Volumes I and III, reformatting of the specifications to the SpecText format, and addition of requested sections to the specifications. Specifically, the City of Ocala has stated that Volume III did not adequately address paving, earthwork, rock removal, backfill, concrete work, and sink hole remediation that would typically be associated with utility construction projects, so Kimley-Horn included specifications for these sections in the SpecText format.

Marion County Utilities Marion Oaks Water System Master Plan, Marion County, FL
Project analyst. Kimley-Horn provided GIS system design, modeling, and master planning services for Marion County for the approximately 25-square mile Marion Oaks water system. Kimley-Horn developed and calibrated a model within an ArcGIS framework using InfoWater (Innovyze) modeling software. Kimley-Horn performed hydraulic analyses to formulate recommendations for future improvements to the Marion Oaks Water System. Existing, 5-year, 10-year, 20-year, and buildout conditions were reviewed. Recommendations included upsizing existing water mains, decommissioning or expanding water treatment plants, or constructing new water mains. Marion County was involved in the planning efforts to ensure recommendations were feasible.

CR 501 Water Treatment Plant (WTP) Filter Design, Wildwood, FL — Project analyst. The City of Wildwood owns and operates the CR 501 Water Treatment Plant (WTP). The CR 501 WTP water supply wells have high levels of iron which exceed the Florida Department

Special Qualifications

- Has seven years of interdisciplinary engineering experience
- Experience includes R&D for utilities, mercury removal, design-build management, wastewater collection inspections, environmental mitigation, wetlands management, and serving as an ArcGIS technician
- Currently in the process of completing a Master of Engineering degree in Environmental Engineering at the University of Florida

Professional Credentials

- Bachelor of Science, Civil Engineering, University of Florida
- Engineering Intern, #1100021459

Relevant Experience, continued

of Environmental Protection (FDEP) secondary drinking water standard of 0.3 mg/L. Currently, the City sequesters iron with polyphosphate, which is acceptable per the Florida Administrative Code (F.AC) 62-550.325, if the levels do not exceed 1.00 mg/L. The City intends to install an iron filtration system to remove the iron rather than to continue the iron sequestration program and has requested that Kimley-Horn prepare design documents suitable for the construction of this project.

Oxford Water Treatment Plant (WTP) Design (Lower Floridan Well), Wildwood, FL

Project analyst. Kimley-Horn provided SWFWMD coordination to design, construct, and permit two 1,100-foot-deep lower Floridan potable water wells with design pumping capacity of 2,600 gpm each. The project included geophysical logging, packer testing, and 72-hour pump testing. In addition to the well design and construction, Kimley-Horn prepared construction plans and specifications for a 3.0-MGD water treatment facility consisting of packed tower aeration, synthetic carbon odor control, and sodium hypochlorite disinfection. The project was funded by State appropriations grants and FDEP SRF loans. Kimley-Horn provided funding acquisition assistance and grant/loan administration assistance for the City. Cara provided shop drawing reviews and construction administration assistance.

Marion County Utilities Ashley Farms Water Treatment Plant (WTP) Well, Marion County, FL — Project analyst. Kimley-Horn provided engineering design and permitting services for construction of a new upper Floridan aquifer (UFA) potable water well on the Ashley Water Treatment Plant (WTP) site. Services included construction plans and specifications, preparation of a preliminary design report and Special Use Permit (SUP). Kimley-Horn also prepared the Southwest Florida Water Management District (SWFWMD) and Florida Department of Environmental Protection (FDEP) permit modifications required for the new well.

Marion County Utilities Ashley Farms Water Treatment Plant (WTP) Well Construction Administration Assistance, Marion County, FL — Project analyst. Kimley-Horn is providing construction administration assistance during construction of a new upper Floridan aquifer (UFA) potable water well, well head, and yard piping at the Ashley Water Treatment Plant (WTP) site. In addition, Kimley-Horn is providing construction administration assistance and water quality/well production testing of the 12-inch and 8-inch potable water wells at the Paddock Downs WTP (aka Sun Country WTP).

Marion County Utilities Orange Blossom Hills Water Treatment Plant (WTP) Site Due Diligence, Marion County, FL — Project analyst. Kimley-Horn provided site due diligence services for the suitability of a future lower Floridan well and water treatment plant (WTP) on 13 acres in Orange Blossom Hills (OBH). Due diligence services included construction, sampling, and analysis of a 1,200-foot-deep lower Floridan core well, natural resources assessment, Phase I environmental site assessment, hydrogeological modeling, engineering evaluations/project coordination, and lower Floridan aquifer core sampling.

Wastewater Master Plan and Permit, Crystal River, FL — Project analyst. The project involved reviewing the boundary of the City's utility service area and considering wastewater projects associated with the Basin Management Action Plan requirements to reduce nutrient loading into Kings Bay. The objective of the project was to evaluate Crystal River's wastewater conveyance system for capacity limitations and developing a prioritized CIP. The hydraulic model consisted of 70 pump stations and connecting force mains.

Wastewater Master Plan, Ocala, FL — Project analyst. The City of Ocala needs to develop a comprehensive wastewater master plan for improving system hydraulics and prioritizing capital projects. The scope of services includes data collection, population demand/future growth projections, wastewater system modeling, master plan report update, capital improvement program development, and revenue sufficiency analysis. The wastewater master plan will focus on capital improvements required to serve the existing, 5-, 10-, and 20-year future needs of the utility service area.

Utilities Engineering Services Contract, Port Orange, FL — Project analyst. Kimley-Horn is providing continuous general engineering consulting services to complete a wide range of projects for the Port Orange Utilities Department. Services include wastewater treatment plant evaluations, water main extensions, financial planning assistance, wastewater treatment plant modeling, and utility master planning.

Infrastructure Study, Bunnell, FL — Project analyst. Project services include preparing a comprehensive water, wastewater, and reclaimed water utility master plan. The master plan will identify and prioritize utility system capital projects necessary to support anticipated growth and address infrastructure renewal and replacement needs required to serve the existing, 5-, 10-, and 20-year future needs of the City's utility service area. Additional services will include: wastewater collection system hydraulic analysis/evaluation; wastewater treatment facility (WWTF) master plan; reclaimed water distribution system hydraulic analysis; Capital Improvement Program development; revenue sufficiency analysis; funding alternatives evaluation; and public involvement.



Thomas Trexler, E.I.

Geographic Information Systems (GIS)

Relevant Experience

Bay Laurel Center Community Development District (BLCCDD) GIS Mapping Services, Marion County, FL — Project engineer. Kimley-Horn successfully provided assistance to the BLCCDD with updating their GIS Asset Inventory Maps of their water and wastewater collection systems. Using as-built records provided by BLCCDD, we located water system and sewer system components spatially and populated attribute databases with detailed information on the utility systems.

Stone Creek Communities by Del Webb, Marion County, FL— Project engineer. Kimley-Horn is providing planning, design, permitting, and bid and construction engineering services for a multi-year, multi-phase active adult golf course community. The project is a 1500-acre, 4,000-residential dwelling unit community. We have been responsible for more than 40 project phases that included transportation planning, master grading and stormwater design, master sanitary sewer design, master water system design, roadway design, subdivision design, commercial design, and amenity center designs. Currently, more than 2000 units have been designed, permitted, and constructed.

Ashley Water Treatment Plant (WTP), Wildwood, FL — Project engineer. Kimley-Horn was responsible for all design, construction document preparations, permitting, bid administration, and construction administration for the Ashley water treatment plant (WTP). The 0.7-MGD WTP consisted of one water supply well, control building, onsite power generation, and two 10,000-gallon hydropneumatic tanks.

Oxford Water Treatment Plant (WTP), Wildwood, FL — Project engineer. Kimley-Horn was responsible for all design, construction document preparations, permitting, bid administration, and construction administration for the Oxford water treatment plant (WTP). The 2.6-MGD WTP consisted of lower-floridan water supply wells, control building, onsite power generation, advanced water treatment technologies, and ground storage tanks.

Special Qualifications

- Has several years of experience as a project analyst
- Project experience involves planning, design, permitting, bidding, construction of force mains, lift stations, and wastewater treatment plants

Professional Credentials

- Engineering Intern, Florida, #1100023574

Firmwide Employees By Discipline

Administrative	319
Biologists	122
CADD Technicians	143
Civil Engineers	1548
Communications Engineers	5
Computer Programmers	9
Construction Inspectors	12
Construction Managers	2
Design Technicians	96
Ecologists	2
Electrical Engineers	20
Environmental Engineers	15
Environmental Planners	21
Environmental Scientists	34
Forensic Engineers	2
Geographic Information System Specialists	4
Geologists	5
Graphic Designers	59
Hydraulic Engineers	11
Hydrologists	8
Land Surveyors	16
Landscape Architects	118
Mechanical Engineers	16
Planners; Urban/Regional	100
Project Managers	160
Structural Engineers	78
Technical Support	322
Technical Writers	140
Technician/Analysts	539
Transportation Engineers	326
Water Resources Engineers	68

SECTION 3. FIRM HISTORY AND QUALIFICATIONS

Kimley-Horn has a distinguished history of successfully completing projects. Our success is due to a combination of effective project management, strong technical expertise, and a steadfast quality control program.

As illustrated by the graphic below, Kimley-Horn's local Ocala project team has extensive utility master planning experience supplemented by additional utility master planning experience from other Kimley-Horn offices throughout the state.



The following is a sampling of similar projects completed within the past five years that we believe best illustrate our team's qualifications for the Bay Laurel Center Community Development District for Integrated Water/Wastewater Resource Master Plan.

Utility Master Plan Update

 Wildwood, FL

As part of the Wildwood civil engineering services contract, Kimley-Horn prepared the City's utility master plan for the water, wastewater, and reclaimed water utilities. The effort included planning new water, wastewater, and reuse utilities for buildout and upgrading utilities where redevelopment was planned. The analysis was based on a hydraulic model which was used to confirm/identify deficiencies in the existing pipe sizes, identify new line sizing needed to support future development as well as any realignments within the service area. Field assessments included the evaluation of the existing lift station both hydraulically and physically to identify modifications necessary to sustain operations both in the short-term and long-term planning windows.

Much of the City's downtown sanitary sewer was constructed using vitrified clay pipe which posed a direct risk to the Utility. As part of this project, Kimley-Horn generated water and wastewater system maps, performed an alternatives analysis, and provided cost estimates for each alternative as they applied to the City's Utility Systems. Each of the water, wastewater, and reclaimed systems included the analysis of existing and future needs over densely-populated portions of the City as well as supply/collection from fast-growing rural areas of the City's southeast service area.

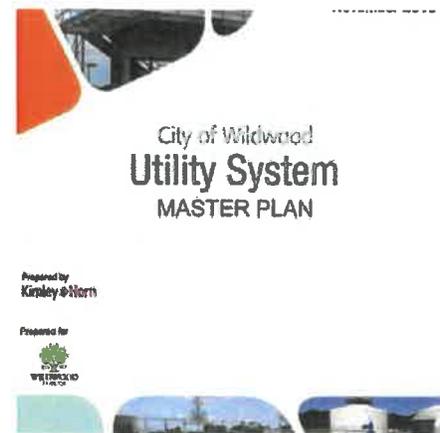
Providing the full-service that Kimley-Horn's clients appreciate, our staff assisted the City's research with identifying available grant options for sewer repairs and other impactful projects necessary for the Utility's future. The Master Plan was finalized with a formal report and digital delivery of the hydraulic modeling files for the City's use in confirming development within the unimproved areas of the City. Following the Master Plan, the City requested several projects be completed by our staff due to their thoroughness and service to the City.

Year completed: November 2015

Contract value: \$138,500

Project team members: Gene Losito, P.E.; Trey Clayton, E.I.; Lewis Bryant, P.E.; Matt Tebow, P.E.; Michael Stanley, P.E.

Client contact: Mark Odell, Utility Director
 City of Wildwood
 100 N. Main Street
 Wildwood, FL 34785
 352.330.1346
 modell@wildwood-fl.org



Marion County Utilities Marion Oaks Water System Master Plan

 Marion County, FL

Kimley-Horn provided GIS system design, modeling, and master planning services for Marion County for the approximately 25-square mile Marion Oaks water system. Kimley-Horn developed and calibrated a model within an ArcGIS framework using InfoWater (Innovyze) modeling software. Kimley-Horn performed hydraulic analyses to formulate recommendations for future improvements to the Marion Oaks Water System. Existing, 5-year, 10-year, 20-year, and buildout conditions were reviewed. Recommendations included upsizing existing water mains, decommissioning or expanding water treatment plants, or constructing new water mains. Marion County was involved in the planning efforts to ensure recommendations were feasible.

Year completed: November 2016

Contract value: \$116,140

Project team members: Trey Clayton, E.I.; Lewis Bryant, P.E.; Matt Tebow, P.E.; Lance Littrell, P.E.; Michael Stanley, P.E.

Client contact: Kevin Vickers, P.E., Utilities Engineer
 Marion County
 11800 SE U.S. Highway 441
 Belleview, FL 34420
 352.682.8601
 kevin.vickers@marioncountyfl.org



Water Resources Master Plan, Volume I and III Specification Reviews

 Ocala, FL

Kimley-Horn assisted the City of Ocala in revising Volumes I and III of their current standard construction contract specifications. Volume I was comprised of the general conditions for construction while Volume III was comprised of the water, sewer, and reuse specifications. The revision associated with this project consisted of a review of the existing specifications within Volumes I and III, reformatting of the specifications to the SpecText format, and addition of requested sections to the specifications. Specifically, the City of Ocala has stated that Volume III did not adequately address paving, earthwork, rock removal, backfill, concrete work, and sink hole remediation that would typically be associated with utility construction projects, so Kimley-Horn included specifications for these sections in the SpecText format.

Year completed: December 2018

Contract value: \$166,162

Project team members: Alan Garri, P.E.; Michael Stanley, P.E.; Trey Clayton, E.I., Cara Elliott, E.I.

Client contact: Sean Lanier, P.E., CFM
 City Engineer/Director of Engineering and Water Resources
 City of Ocala
 1805 NE 30th Avenue, Building 600
 Ocala, FL 34470
 352.351.6772
 slanier@ocalafl.org



Utility System Master Plan

Bellevue, FL

Kimley-Horn developed a comprehensive water, wastewater, and reclaimed water utility master plan for the purpose of identifying and prioritizing capital projects for the City of Bellevue. The utility master plan was comprised of the following elements: preparation of system demand projections for the 5-, 10-, and 20-year future needs of the utility service area; demand projects, including septic to sewer conversion projects identified by the City; preparation of water, wastewater, and reclaimed water master plans based on the 5-, 10-, and 20-year demand projections; preparation of an FDEP wastewater treatment facility (WWTF) capacity analysis report (CAR) update; preparation of a WWTF expansion plan; preparation of a limited wellfield siting evaluation; identification of potential project funding sources; and providing a revenue sufficiency analysis.



Project tasks included: utility demand projections/master plan report, water system hydraulic modeling/evaluation, wastewater system analyses/evaluation, reclaimed water system hydraulic modeling/evaluation, wastewater treatment facility expansion plan and capacity analysis report, capital improvement program development, and a revenue sufficiency analysis.

Year completed: October 2019

Contract value: \$120,000

Project team members: Lewis Bryant, P.E., Trey Clayton, E.I.; Michael Stanley, P.E.; Jason Sheasley, P.G.; Cara Elliott, E.I.

Client contact: Bruce Phillips, P.E., PLS
Public Works Director
5343 SE Abshier Boulevard
Bellevue, FL 34420
352.245.7021, ext. 2110
bphillips@bellevuefl.org

Stonecrest Water System Master Plan

Marion County, FL

Marion County Utilities wanted to develop a water utility master plan to meet future demands in the Stonecrest service territory. Kimley-Horn developed future needs and demands, performed hydraulic modeling, and produced alternatives for meeting the future demands of the service territory. Future needs and alternatives were focused for meeting the existing, 5-, 10-, 20-, and buildout demands of the service area. Kimley-Horn utilized the County's GIS system mapping for the hydraulic analysis. Kimley-Horn also prepared and performed the hydraulic modeling for the system using InfoWater hydraulic modeling software. Project services included data collection, model update/calibration, potable water system hydraulic modeling, and preparation of a water system master plan.

Year completed: May 2016

Contract value: \$82,900

Project team members: Lewis Bryant, P.E., Trey Clayton, E.I.; Matt Tebow, P.E.

Client contact: Kevin Vickers, P.E., Utilities Engineer
Marion County
11800 SE U.S. Highway 441
Bellevue, FL 34420
352.682.8601
kevin.vickers@marioncountyfl.org

SECTION 4. FINANCIAL AND LEGAL STATUS

Kimley-Horn Five-Year History Of Litigation

Kimley-Horn and its subsidiaries have provided services in all 50 states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. In the last five years, Kimley-Horn has had more than 19,675 active projects in Florida, 19 of which had some form of litigation. Of these cases, 5 were dismissed, 10 were settled, and 4 are pending. This represents 0.965% of all projects completed by Kimley-Horn in Florida over the past five years. Generally, these matters are covered by insurance, and we consider them to be without merit. In addition, there are occasions in which claims are made against Kimley-Horn. At the present time, there are no monetarily significant or meritorious claims outstanding, nor any significant claims within the past five years. Settlements related to claims are bound by confidentiality agreements so we cannot release any information on them. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

Evidence of the Financial Stability of the Firm to Perform the Described Work

Kimley-Horn and Associates, Inc. is a full-service engineering and consulting firm with approximately 4,200 employees and 85 offices in 23 states and Puerto Rico. The Company has 2019 revenues of \$1.1 billion. Kimley-Horn has been in business since 1967. We are financially strong, and we are committed to our continued financial health. As of December 31, 2019, the Company had total assets of \$535 million and stockholder's equity of approximately \$154 million. In addition to the financial resources noted, Kimley-Horn also has an untapped \$10 million operating line of credit available for short-term cash flow needs. The Company's cash flow continues to be very strong. We maintain a disciplined focus on business fundamentals, operate the firm conservatively, and our internal controls and business standards are designed to keep our foundation strong.

Kimley-Horn uses one institutional lender, Wells Fargo. If necessary, reference information can be obtained from the following contact:

Michael Pugsley
Senior Vice President

Wells Fargo Bank, N.A.

150 Fayetteville Street, Suite 600
PO Box 3008
Raleigh, NC 27601
919.881.6469

For any questions regarding Kimley-Horn's financial status, please contact **Lindsey Balltzglier, Controller, at 919.678.4141.**

SECTION 5. MANAGEMENT AND ORGANIZATION APPROACH

Project Understanding

Our project team understands that utilities must continuously plan to address their system needs and challenges such as system growth, renewal and replacement of aging infrastructure, increasing stringent regulatory requirements, improved system reliability, sustainability and resiliency, and the need for a well-planned and efficient capital improvement program that is in line with utility funding, staffing capabilities, and operational objectives. We understand the Bay Laurel Center Community Development District (BLCCDD) desires to develop an *Integrated* Water and Wastewater Resource Master Plan to address all of these needs and challenges while meeting the existing and future demands of the BLCCDD's service area. We further understand that the BLCCDD and our team are all Marion County residents with a vested interest in ensuring the long-term conservation and protection of our local waterbodies and springs. Therefore, the water, wastewater, and reclaimed system should all be evaluated as a *whole* entity to identify the most beneficial project necessary to meet the needs of the BLCCDD while conserving our natural resources.

The Integrated Water and Wastewater Resource Master Plan must build upon the successes of the previous master plans and the progress the BLCCDD has made towards implementing these plans, while also providing a fresh look and perspective for best addressing the short-term and long-term needs of the BLCCDD. Our approach for developing the Integrated Water and Wastewater Resource Master Plan will provide a clear and flexible blueprint for the future of the BLCCDD's water, wastewater, and reclaimed systems. The Integrated Water and Wastewater Resource Master Plan will guide the BLCCDD in achieving the following objectives:

- Provide an integrated approach to identify future water supply sources while managing the existing water supply and wastewater effluent that maximizes the BLCCDD's resources with a focus on long-term reliability, sustainability, and system resiliency
- Define a phased approach to optimize infrastructure investment and system-wide expansion to accommodate growth and demands
- Provide a plan for continued long-term regulatory compliance
- Conduct a condition assessment, with development of an initial framework for future asset management implementation and establishment of the right level of renewal and replacement
- Provide an updated hydraulic modeling and analysis for distribution and collection system optimization to maintain a high level of service, improve system efficiencies, enhance the ease for the BLCCDD to consider operational and water quality impacts through real-time evaluation, and predict future performance and needs
- Develop a trigger-based implementation strategy of capital improvements that allows the BLCCDD flexibility to adapt the plan as their needs and priorities evolve with developer, customer, and regulatory drivers

Finally, our project team understands the importance of developing a master plan that can be implemented and help the BLCCDD meet the existing and future needs of their utility system. The BLCCDD faces unique challenges with the replacement of existing infrastructure on the horizon while also having to constantly plan and adapt to keep pace with the On Top of the World and Del Webb Stone Creek developments. *We understand the need to focus on water conservation and the need for alternative water supply sources to help meet these future needs while understanding and minimizing impacts to Rainbow Springs and other local waterbodies.*

Project Approach

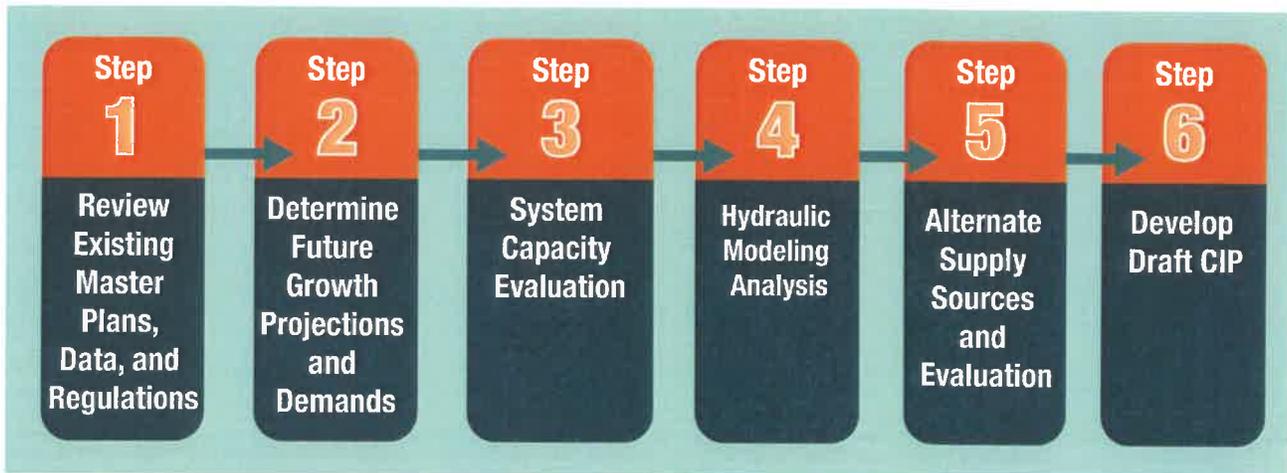
Project Team

Our project approach begins with assembling a qualified project team with the drive and determination to exceed the BLCCDD's expectations and with the availability to maintain focus on the Integrated Water and Wastewater Resource Master Plan. We believe that we have assembled a project team that exceeds these requirements. *Our project manager, Gene Losito, P.E., and his assistant project manager Trey Clayton, E.I. have the experience and qualifications to successfully deliver this project on time and on budget. Gene and Trey will be supported by the Kimley-Horn team in their local Ocala office.*

Project Execution

Kimley-Horn begins every project with a kickoff meeting that includes all the team leaders and operational staff. For the Integrated Water and Wastewater Resource Master Plan project, we will meet with BLCCDD staff to review the project in detail to clearly identify the project and long-term goals, objectives, schedules, budgets, and previous work performed. Following the project review meeting, we will work closely with the operations staff to discuss maintenance issues and concerns, operational goals, and perform detailed evaluation of the existing equipment and operational strategy. Through each step of the project, our team will meet and review with BLCCDD staff. We believe the intermediate meetings with staff are critical in maintaining the project schedule and meeting project goals.

Project execution is organized into the following six steps, as illustrated in the graphic below.



Step 1: Review Existing Master Plans, Data, and Regulations

Following the kickoff meeting, the Kimley-Horn team will review the existing studies and previous master plans with BLCCDD staff. The BLCCDD has conducted several studies and master plans over the last several years and these past studies and plans had a variety of goals and objectives. Our project team fully understands these prior studies and plans and will incorporate the appropriate components into the Integrated Water and Wastewater Resource Master Plan. Our team will also utilize the BLCCDD's existing GIS utility system mapping as the basis for the existing infrastructure information. We will further expand and update the GIS system mapping by reviewing as-built information and performing field visits to verify existing conditions. *Our previous experience updating the BLCCDD mapping will allow us to efficiently update the utility system mapping and verify that the mapping is up to the BLCCDD's standards.* Our project team will further augment the existing data by utilizing the current permitting status and regulatory issues affecting utility systems. These include network limitations, treatment limitations, permit compliance issues, BMAP requirements, and Springs Protection Act regulations.

Step 2: Determine Future Growth Projections and Demands

Our project team will meet with the BLCCDD staff to discuss known future developments and development timelines. We will work closely with each developer and the BLCCDD to be sure to capture all future growth and development within the BLCCDD service area. We will also work with the BLCCDD to identify any other future service areas that could be served by the utility. These future demands will be allocated based on the known developer timelines and locations and will be vital in planning future capital improvement projects to meet these future demands. System demands will be calculated for the present year and 5-year, 10-year, 15-year, and 20-year build-out projections. The future demand projections will be reviewed with BLCCDD staff prior to moving forward with the capacity and hydraulic analysis.

Step 3: System Capacity Evaluation and Step 4: Hydraulic Modeling Analysis

The Kimley-Horn team understands the importance of an updateable hydraulic modeling of the water, wastewater, and reclaim systems. Therefore, the main objective in developing/updating the hydraulic model will be to work closely with BLCCDD staff so they can utilize the model and have input on the set up and developed scenarios within the model. Our project team, Gene Losito, P.E. and Trey Clayton, E.I., each have extensive hydraulic modeling experience involving water, wastewater, and reclaim systems. In addition, our team has extensive experience with the Bentley and Innowyze suite of modeling products, including but not limited to WaterCAD, SewerCAD, InfoWater, and InfoSewer.

Our project team will utilize existing hydraulic models and the current GIS and AutoCAD maps as the base system information for the water, wastewater, and reclaim system analysis. Using information provided by BLCCDD, our team will create a system inventory of the existing components, including but not limited to water treatment facilities, high-service pumps, wastewater lift stations, and reclaim pump stations. We will prepare recommended water, wastewater, and reclaim system hydraulic standards for review and acceptance with the BLCCDD. These standards will be the basis for the existing system capacity analysis and hydraulic system evaluation.

The Kimley-Horn project team will create several scenarios within the model, including demand projections for the present day, and 5-year, 10-year, 15-year, and 20-year build-out conditions. Build-out conditions will be determined through discussion with the BLCCDD and developers.

Once the demand projections and scenarios are developed, our project team will perform a capacity evaluation. This evaluation will determine which lift stations and sewer mains will need to be upgraded to account for the increase in demand. Furthermore, this evaluation will determine when these upgrades will need to be implemented so that construction is complete prior to the system demand being realized.

Step 5: Alternate Supply Sources and Evaluation

Kimley-Horn will review the existing water supply, treatment, and storage capacity of the BLCCDD water supply and treatment facilities. Working with BLCCDD staff, the Kimley-Horn team will identify facility capacity improvements needed to meet the 5-year, 10-year, 15-year, and 20-year buildout demand projections. Kimley-Horn and BLCCDD staff will work to identify existing facility expansion projects and/or potential locations for additional potable water sources and treatment facilities. Kimley-Horn will use the Southwest Florida Water Management District's hydrogeologic model to perform an alternative wellfield siting analysis for future alternative water supply sources, including Lower Floridan Aquifer (LFA) potable water wells. The analysis will consist of modeling the projected future groundwater withdrawals from the upper Floridan and lower Floridan aquifers. The analysis is intended to identify the amount of withdrawals available from the UFA and LFA while determining the impacts to groundwater levels and to Rainbow Springs' minimum flows and levels.

Step 6: Develop Draft CIP

The Kimley-Horn project team will meet with BLCCDD staff to update and prioritize the BLCCDD's utility Capital Improvement Plan (CIP). Our team will provide brief project narratives and develop project sketches and opinions of probable cost for each project identified by the master plan. Our project team will attend working meetings with BLCCDD staff to help develop the CIP. Our team will work with the utility system financial planners to perform a revenue sufficiency analysis. The Kimley-Horn project team will also revise the 20-year long range CIP to identify improvements beyond the 5-year planning horizon.

Project Planning And Coordination

Open Communication

We understand that for the project to be successful, open communication and direct and meaningful input from the BLCCDD is critical. Understanding the BLCCDDs long-term goals and objectives is crucial for a successful project. Gene Losito, P.E. and Trey Clayton, E.I. will work with BLCCDD operational staff from the project onset to identify the long-term operational goals to meet the future demands of the utility system. Gene and Trey will perform the project work from the beginning and will communicate openly and often directly with the BLCCDD team through each project phase and upon completion of each project milestone. *Unlike other firms which may have marketing managers that you only interact with when the project starts and then never hear from again, at Kimley-Horn you will work directly with your project team from beginning to end.* We pride ourselves on our outstanding client service, which includes being extremely responsive and always just a phone call away. With Kimley-Horn, you should expect more and you will experience better.

Staff Qualifications

The Ocala Kimley-Horn team has extensive experience with utility-specific GIS packages such as *Bentley WaterGEM, WaterCAD, SewerCAD, SewerGEMS, Innowyze InfoWater, InfoSewer, and InfoICM. Gene Losito, P.E. and Trey Clayton, E.I. have extensive knowledge of the Bentley and Innowyze suite and have utilized the hydraulic modeling software to complete the Stonecrest PWS and Marion Oaks PWS for Marion County, as well as the City of Ocala Water Master Plan and Reclaimed Master Plan, City of Wildwood Utility Master Plan, and the City of Delray Beach Flushing Plan.* Trey also has experience with InfoSewer and utilized the program to develop the City of Ocala wastewater collection model and complete the City's Wastewater Master Plan. In Florida, Kimley-Horn not only has utilized hydraulic modeling packages for our municipal clients, but we have also utilized other GIS packages to develop optimized meter reading routes to save utility providers time and operational costs and also to develop and update city and county wide mapping systems that utilities are able to access, cross-reference, and update in the field.

Our local and state team are alternative water supply and water treatment process experts. Lewis Bryant, P.E, Jason Sheasley P.G., and Trey Clayton, E.I. designed, permitted, and oversaw the construction of the City of Wildwood's two lower Floridan wells to serve and provide water to the Oxford Water Treatment Plant for the City. Jason not only has extensive experience permitting and designing alternative supply wells, but also has experience in future water supply planning and hydrogeological modeling to analyze long-term impacts to local waterbodies and springs. Jason has over 20 years of experience working closely with water management districts and developing strategic plans to meet future water supply needs. Lance Littrell, P.E. is currently providing a water treatment facility feasibility analysis for the recently constructed lower Floridan aquifer well and potential future well supplies for the City of Ocala. Lance also provided expertise for the treatment design and analysis of the City of Wildwood's Oxford Water Treatment Plant and lower Floridan wells.

Finally, our project team understands the unique challenges that BLCCDD faces as they transition to replace aging infrastructure while still having to constantly plan and adapt to keep pace with the On Top of the World and Del Webb Stone Creek developments. Our close work with developers allows us a unique perspective to understand the level of service that is expected not only by the BLCCDD, but by also their customers. We not only have extensive utility planning experience with municipalities, but also with large-scale developments such as Babcock Ranch. We understand that as a provider for fast-paced developments, you cannot afford to be reactionary and that master planning is an important factor in continuously providing a outstanding service to all customers. As stakeholders in our local community, we understand the need to focus on water conservation and the need for alternative water supply sources to help meet these future needs while understanding and minimizing impacts to Rainbow Springs and other local waterbodies.

What Makes Kimley-Horn Uniquely Qualified for this Project

Kimley-Horn is a team that you can count on and we believe we are the most qualified firm for this project.

Our separators include:

- Local history of serving the BLCCDD
- Knowledge of the BLCCDD's utility system
- Understanding of the unique challenges that BLCCDD faces
- Capabilities of our local staff and experts
- Reputation for responsiveness and client service that is unmatched

Kimley-Horn wants to continue to exceed BLCCDD's expectations, beginning on day one and continuing until the last deliverable is in your hands. We have established methodologies in place for project management and communication, a capable and proven project team, multidisciplinary experience, a passion for quality, and a thorough understanding of the BLCCDD's objectives and expectations. We appreciate the opportunity to be considered for the BLCCDD Integrated Water and Wastewater Resource Master Plan and look forward to the chance to continue to serve you.

SECTION 6. INSURANCE

Kimley-Horn's Certificate of Insurance is provided below.

Client#: 25320		KIMLHORN																																												
ACORD™ CERTIFICATE OF LIABILITY INSURANCE			DATE (MM/DD/YYYY) 3/28/2020																																											
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).</p>																																														
PRODUCER Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022		CONTACT NAME: Jerry Noyola PHONE (A/C, No., Ext): 770-652-4225 FAX (A/C, No.): 866-650-4082 E-MAIL ADDRESS: Jerry.noyola@greyling.com																																												
INSURED Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : National Union Fire Ins. Co.</td> <td>19445</td> </tr> <tr> <td>INSURER B : Aspen American Insurance Company</td> <td>43460</td> </tr> <tr> <td>INSURER C : New Hampshire Ins. Co.</td> <td>23841</td> </tr> <tr> <td>INSURER D : Lloyds of London</td> <td>85202</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : National Union Fire Ins. Co.	19445	INSURER B : Aspen American Insurance Company	43460	INSURER C : New Hampshire Ins. Co.	23841	INSURER D : Lloyds of London	85202	INSURER E :		INSURER F :																														
INSURER(S) AFFORDING COVERAGE	NAIC #																																													
INSURER A : National Union Fire Ins. Co.	19445																																													
INSURER B : Aspen American Insurance Company	43460																																													
INSURER C : New Hampshire Ins. Co.	23841																																													
INSURER D : Lloyds of London	85202																																													
INSURER E :																																														
INSURER F :																																														
COVERAGES		CERTIFICATE NUMBER: 20-21																																												
		REVISION NUMBER:																																												
<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p>																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">INSUR LTR</th> <th style="text-align: left;">TYPE OF INSURANCE</th> <th style="text-align: left;">ADDITIONAL INSURER</th> <th style="text-align: left;">POLICY NUMBER</th> <th style="text-align: left;">POLICY EFF. (MM/DD/YYYY)</th> <th style="text-align: left;">POLICY EXP. (MM/DD/YYYY)</th> <th style="text-align: left;">LIMITS</th> </tr> </thead> <tbody> <tr> <td>A</td> <td> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER: </td> <td></td> <td>5268169</td> <td>04/01/2020</td> <td>04/01/2021</td> <td> EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPIVOP AGG \$2,000,000 \$ </td> </tr> <tr> <td>A</td> <td> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY </td> <td></td> <td>4489663</td> <td>04/01/2020</td> <td>04/01/2021</td> <td> COMBINED SINGLE LIMIT (Per accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ </td> </tr> <tr> <td>B</td> <td> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0 </td> <td></td> <td>CX005FT20</td> <td>04/01/2020</td> <td>04/01/2021</td> <td> EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$ </td> </tr> <tr> <td>C</td> <td> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in IN) If yes, describe under DESCRIPTION OF OPERATIONS below </td> <td>Y/N N</td> <td>015893685 (AOS) 015893686 (CA)</td> <td>04/01/2020 04/01/2020</td> <td>04/01/2021 04/01/2021</td> <td> <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000 </td> </tr> <tr> <td>D</td> <td> Professional Liab Incl. Poll. Liab. </td> <td></td> <td>B0146LDUSA2004949</td> <td>04/01/2020</td> <td>04/01/2021</td> <td> Per Claim \$2,000,000 Aggregate \$2,000,000 </td> </tr> </tbody> </table>	INSUR LTR	TYPE OF INSURANCE	ADDITIONAL INSURER	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS	A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:		5268169	04/01/2020	04/01/2021	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPIVOP AGG \$2,000,000 \$	A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		4489663	04/01/2020	04/01/2021	COMBINED SINGLE LIMIT (Per accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0		CX005FT20	04/01/2020	04/01/2021	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$	C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in IN) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	015893685 (AOS) 015893686 (CA)	04/01/2020 04/01/2020	04/01/2021 04/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000	D	Professional Liab Incl. Poll. Liab.		B0146LDUSA2004949	04/01/2020	04/01/2021	Per Claim \$2,000,000 Aggregate \$2,000,000	DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)			
INSUR LTR	TYPE OF INSURANCE	ADDITIONAL INSURER	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS																																								
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:		5268169	04/01/2020	04/01/2021	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPIVOP AGG \$2,000,000 \$																																								
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		4489663	04/01/2020	04/01/2021	COMBINED SINGLE LIMIT (Per accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$																																								
B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0		CX005FT20	04/01/2020	04/01/2021	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$																																								
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in IN) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	015893685 (AOS) 015893686 (CA)	04/01/2020 04/01/2020	04/01/2021 04/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000																																								
D	Professional Liab Incl. Poll. Liab.		B0146LDUSA2004949	04/01/2020	04/01/2021	Per Claim \$2,000,000 Aggregate \$2,000,000																																								
CERTIFICATE HOLDER		CANCELLATION																																												
Sample Certificate		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.																																												
		AUTHORIZED REPRESENTATIVE 																																												

Addendum #1

Request for Statement of Qualifications Integrated Water / Wastewater Resource Master Plan

June 10th, 2020

To: All Prospective Respondents

The following changes, additions, clarifications, and/or deletions amend the Request for Qualifications of the above captioned Project, and shall become an integral part of the Submittal. Please note the contents herein and affix same to the documents you have on hand. Please include a signed copy of this Addendum with your submittal.

QUESTIONS/CLARIFICATIONS:

- Q1. On page 5 of the RFQ pdf file: Item 4.3(a), it notes that there is a Submission Form that is required to be submitted. Can you please provide that form?
- A1. **There is no submission form, please disregard.**
- Q2. On page 6 of the RFQ pdf file: Item - Section 2 - Technical and Operational Capabilities, third bullet: it notes that as part of the RFQ we are to address QA/QC associated with, among other things, construction administration. Since this project does not include construction phase services is this applicable?
- A2. **The language in this section is general language. If construction administration is not required you do not need to include it in your response.**
- Q3. Item 5.3(b) Consultant's Past Performance, it notes that the experience should be for other Community Development Districts. Will experience in performing master planning for other

municipal/county government agencies be acceptable experience that will be considered for scoring?

A3. Yes, experience for Municipal/County government agencies will be acceptable

Q4. Item 5.3(c) Geographic Location, how will this be scored, how local do you have to be to score the 20 points?

A4. The scoring shall be as follows: 20 points if within 100 miles, 15 points if within 150 miles, 10 points if within 200 miles, 5 points if within 250 miles, and 0 points if greater than 250 miles.

Q5. On page 8 of the RFQ pdf file: Item 5.3(e) Certified Minority Business Requirements; can you score the required 5 points if either you or your sub(s) are a certified minority business enterprise??

A5. No.

Q6. Would the District be willing to replace the Indemnification currently shown in Article 7.12 of the referenced RFQ (and the subsequent professional services agreement upon award) with the following language?

To the extent allowed by Article 725.08, Florida Statutes, the Responder shall indemnify and hold harmless the District and its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Responder and other persons employed or utilized by the Responder in the performance of the contract.

A6. Yes.

Q7. Section 5.3.(b) - Consultants Past Performance: Criteria considers performance for other CDDs. Although we have not worked for a CDD, we have done similar work for municipal clients. Would this experience be considered equally, compared to CDDs?

A7. Please refer to answer A3.

- Q8. Section 5.3.(c) - Geographic Location: Is any further scoring criteria breakdown available? e.g. - within 100 mile radius, 20 points; within 150 mile radius, 15 points, etc.
- A8. **Please refer to Answer Q4.**
- Q9. Section 5.3.(g) - Work Previously Awarded to Consultant by the District: Please elaborate. We have not worked for the District previously, but would like to. Would the District give equal consideration for similar projects we have completed for other municipal clients?
- A9. **No.**

Please sign and return by mail or email to bryan_schmalz@blccdd.com.

NAME OF FIRM: Kimley-Horn and Associates, Inc.

SIGNATURE: 

DATE: 6/22/2020



**BAY LAUREL CENTER
COMMUNITY DEVELOPMENT DISTRICT, FLORIDA**

Statement of Qualifications

JUNE 2020

Integrated Water / Wastewater Resources Master Plan



June 26, 2020

Mr. Bryan Schmalz
8470 SW 79th Street Road, Suite 3
Ocala, FL 34481

SUBJECT: Request for Statement of Qualifications for Integrated Water / Wastewater Resource Master Plan

Dear Mr. Schmalz and Members of the Selection Committee,

On Top of the World (OTOW) is traditionally known as the premier Florida retirement community. However, OTOW is moving forward with plans to modify its business model to include new developments that serve all age groups. As a result of this growth, the Bay Laurel Center Community Development District (BLCCDD), which provides potable water, wastewater, and reclaimed water services to the OTOW Communities and Stone Creek Golf Club, is presented with the challenge of providing additional infrastructure and improvements to serve these new customers. The BLCCDD service area encompasses approximately 20.6 square miles, of which approximately 21% is built out, and services approximately 8,400 residential units and a number of commercial properties.

In response, BLCCDD seeks to proactively plan for this future development while also assessing its utility systems through an innovative Integrated Water Resources Master Plan (IWRMP). Also known as “One Water” in the industry, the IWRMP is a holistic approach to utility management that considers the interactions of and coordinates between water supply, wastewater, and stormwater systems. Evaluating water systems in this framework offers many benefits to a utility provider and its customers.

The Wright-Pierce team is eager to provide the expertise necessary to assist BLCCDD in developing its IWRMP. Our staff members have worked with your systems on many critical infrastructure needs, including the development of existing master plans, water and wastewater treatment facilities, and water supplies. Based on our team’s knowledge of your systems as well as insights gained through meetings with Mr. Schmalz in anticipation of this RFQ, we have identified the following key issues that will be critical to this project’s success.

A Resilient and Environmentally Conscientious Water Supply

We understand BLCCDD is currently undergoing an extensive permitting process to renew its Water Use Permit (WUP) and request additional groundwater supply. However, the IWRMP will plan well beyond the timeframe of the WUP, extending to final buildout conditions. Due to the increasing difficulty of permitting additional groundwater, the IWRMP must consider alternative water supplies (AWS) as well as means of mitigating traditional groundwater withdrawals such as aquifer storage and recovery (ASR) or aquifer recharge (AR).

Our team is comprised of local, state, and national experts who are prepared to assist with these issues. Project Manager Chris Baggett has worked closely with BLCCDD on master planning efforts and the development of the groundwater supply for OTOW WTP #3. He has prepared over 30 master plans and 240

6/26/2020

Mr. Bryan Schmalz

Page 2 of 2

hydraulic models in his career. We have also included Liquid Solutions Group (LSG) as integral members of our team. They bring extensive experience in integrated water resources planning, permitting, groundwater flow, and impact assessments for public and private Florida utilities (including CDDs). In addition, our team includes Mark McNeal of ASRus, a nationally recognized leader in planning and permitting innovative recharge systems.

Developing Accurate Hydraulic Models

Future utility infrastructure improvements will be based on the results of the demand projections and hydraulic models developed as part of this effort. Appropriately sizing and timing these infrastructure projects will be key to ensuring BLCCDD is properly budgeted for the implementation of the IWRMP. To that end, the hydraulic models must be updated to include the latest system improvements and to realistically represent demand and flow projections.

Project Manager Chris Baggett and Lead Project Engineer Saheb Mansour-Rezaei will lead the team's effort to update the hydraulic models and run the various modeling scenarios. Their tremendous expertise and experience with many similar projects will allow the team to hit the ground running. Additionally, our wastewater collection system specialist, Don McCullers, worked with Chris to update your models. Don's extensive experience in master planning, pipeline design, and cost estimating will ensure the Capital Improvement Plan (CIP) accurately reflects the cost of each identified project.

Developing an Optimized and Prioritized CIP

Once improvements are identified through onsite condition assessments and hydraulic and hydrologic modeling, they will be evaluated for overall value and costs. The optimization process will include identification of triggers that indicate when a project needs to be implemented and the appropriate size of the equipment to avoid expending unwarranted capital. These projects will then be prioritized into an actionable list.

In developing more than 30 master plans over the course of his career, Chris Baggett has developed CIPs that total over \$300 million. He has extensive experience in assisting clients develop optimized and prioritized CIPs and will work closely with Don McCullers to accurately estimate project costs. Don brings over 40 years of water and wastewater experience to the table and is well versed in cost estimating.

We appreciate the opportunity to submit this SOQ for BLCCDD's consideration. Should you have any questions or require additional information, please feel free to contact us.

Sincerely,

WRIGHT-PIERCE



Christopher Baggett, PE, ENV SP
Senior Project Manager

christopher.baggett@wright-pierce.com



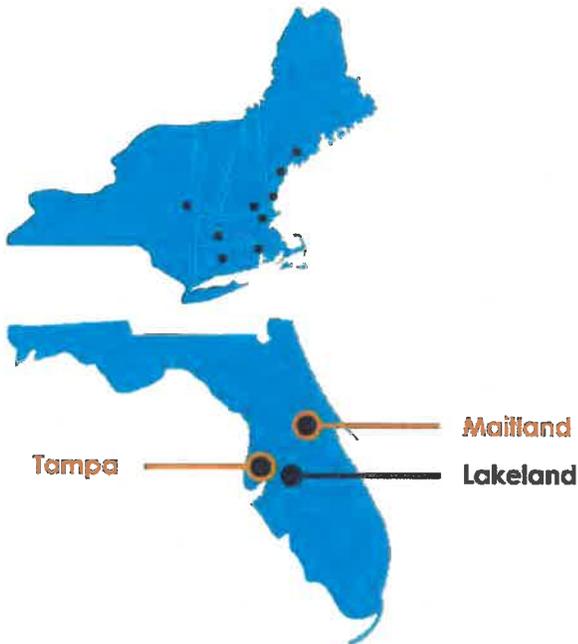
Steve Hallowell, PE
Vice President

steve.hallowell@wright-pierce.com

Table of Contents

SECTION 1	General Information	
	Company Profile	1 - 1
	Subconsultant Profiles	1 - 2
	Team Locations	1 - 3
	Water System Planning Experience	1 - 4
	Wastewater System Planning Experience	1 - 5
SECTION 2	Technical & Operational Capabilities	
	Project Manager Introduction	2 - 1
	Organizational Chart	2 - 2
	Availability & Commitment	2 - 3
	Quality Assurance & Quality Control	2 - 4
	Resumes	2 - 5
SECTION 3	Firm History & Qualifications	
	Experience Introduction	3 - 1
	Project Case Studies	3 - 2
SECTION 4	Financial & Legal Status	
	Financial & Litigation Statements	4 - 1
SECTION 5	Management & Organizational Approach	
	Project Understanding	5 - 1
	Key Issues	5 - 2
	Technical Approach	5 - 3
	Adhering to Schedule & Budget	5 - 12
	Project Success	5 - 13
SECTION 6	Insurance	
	Certificates of Insurance	6 - 1
APPENDIX	Required Forms	
	Addendum	A - 1





ENR Top 500 Design Firms
ENR Top 200 Environmental Firms
ACEC Award-Winning Projects
PSMJ Circle of Excellence



Our mission – to enhance your success by delivering reliable solutions, responsive service and superior value.

Wright-Pierce is an award-winning, multidiscipline engineering firm that has been providing wastewater, water and civil infrastructure services since 1947. Employee-owned and operated, our 250+ engineers and support professionals are located in offices throughout Florida and the Northeast.

We complete many water, wastewater and civil infrastructure projects each year, ranging in size from \$100,000 to over \$100 million. We provide complete engineering services from initial planning to design, bidding, construction administration and operations.

An Award-Winning Firm

Wright-Pierce has been recognized by several industry organizations for business performance and engineering excellence. We rank in Engineering News-Record (ENR) "Top" lists including the Top 500 Design Firms and Top 200 Environmental Design Firms in the country. Many of our projects receive regional ACEC Engineering Excellence Awards.

In addition, we have repeatedly received the PSMJ 'Circle of Excellence' Platinum Award – one of only six firms in North America. PSMJ is a firm dedicated to business practices of architectural and engineering (A/E) firms worldwide and bestows its Circle of Excellence award after assessing benchmarks for operations, management and sustainability.

Responsive Service Focused on Your Success

The cornerstone of our business is to assist our clients with improving their communities and protecting public health and the environment. For every project, we focus on the following.

- Understanding the project issues and goals
- Stressing practical, operator-friendly solutions
- Identifying fiscal constraints and emphasizing value-based solutions
- Involving and collaborating with our clients throughout the project

Introducing Our Teaming Partners

After thoughtfully considering the services required to successfully complete BLCCDD's project, we included three subconsultants that would complement our team's abilities. Our team's key personnel have prior experience working with all subconsultants.

The following introductions describe our teaming partners and includes the required information.

- Their services to be provided
- Their value-added relevant experience



Liquid Solutions Group, LLC (LSG)

Founded in 2007, LSG was formed to meet the water resources and water supply engineering needs of public utilities, state agencies, and national engineering firms. Its staff's core services include planning, permitting, and modeling for applications including but not limited to the following:

- **Water Resource Studies and Evaluations:** Hydrologic and hydrogeologic studies; aquifer performance tests; stormwater and surface water flow and yield evaluations; lake water budget analyses; and groundwater/surface water environmental monitoring program.
- **Modeling:** Groundwater flow, quality, and geochemical modeling; surface water yield modeling; analytical stormwater modeling; and water balance modeling in reclaimed water and water systems.
- **Planning:** Water, wastewater, reclaimed water, alternative water supply, and integrated water resource planning; population, demand, and flow projections; alternative water supplies such as brackish groundwater, surface water, or seawater desalination; impact offset evaluations of rapid infiltration basins and other aquifer recharge projects; conservation programs; and conjunctive use planning.

Services to be Provided

- Water Supply Sourcing and Options
- Groundwater Modeling



ASRus, LLC

Having designed more aquifer storage and recovery projects than any firm in the State, ASRus offers a unique depth of experience to the Wright-Pierce team. Their expertise and relationships with FDEP have enabled municipalities and community development districts similar to Bay Laurel to inject upwards of 100 MGD of partially treated surface water and wastewater effluent into the aquifer for future use. Storing water below ground would allow BLCCDD to save money by eliminating cost of above grade reservoirs without the need for acquiring large tracts of land.

Services to be Provided

- Mitigation Options



The Valerin Group, Inc.

Valerin is a professional communications company that works with engineers and scientists to communicate technical issues to the public. They will assist with public perception by applying their skills to garner support for the project. Wright-Pierce is currently collaborating with Valerin on several ongoing projects throughout the State.

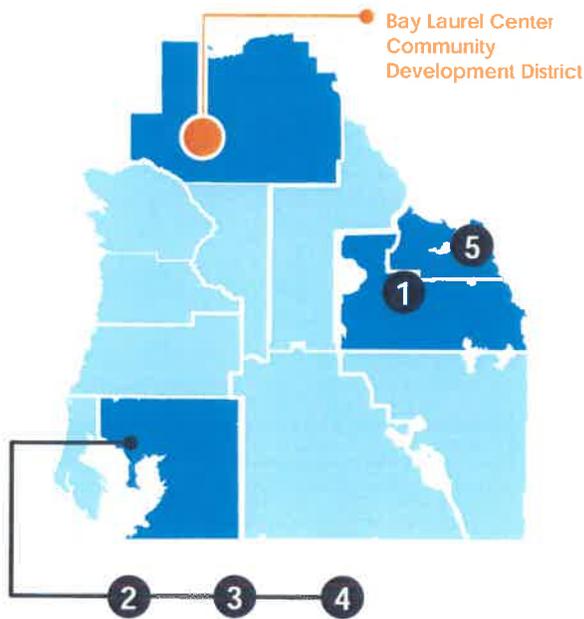
Services to be Provided

- Public Outreach Services

Team Location

Wright-Pierce will serve BLCCDD primarily from our offices in Maitland and Tampa, Florida. We established these offices in 2015 and 2018, respectively, to provide the same quality engineering services provided to clients across the Northeast for over 73 years.

Since then, our engineers have enjoyed the privilege of working for many Central Florida clients on several planning projects, including those performed for the cities of Apopka and Orlando; Citrus and Polk Counties; and the University of Central Florida. Additionally, our recent award of a continuing services contract with Marion County will routinely bring our engineers into the CDD’s vicinity.



All work for this project will be performed from office locations within 100 miles of the Bay Laurel Center Community Development District.

	86 min
	83 mi
<p>1. Wright-Pierce – Maitland 601 S. Lake Destiny Rd., Suite 290 Maitland, FL 32751</p>	
	85 min
	86 mi
<p>2. Wright-Pierce – Tampa 3820 Northdale Blvd., Suite 109A Tampa, FL 33624</p>	
<p>3. ASRus 13329 North Armenia Ave. Tampa, FL 33613</p>	
<p>4. The Valerin Group 3903 Northdale Blvd., Suite 100E Tampa, FL 33624</p>	
	108 min
	94 mi
<p>5. Liquid Solutions Group 680 Valley Stream Dr. Geneva, FL 32732</p>	

Water System Planning Experience

Note: Wright-Pierce has completed dozens of water system planning projects over the past 10 years. This table represents only a small portion.

Client	Groundwater Source	Surface Water Source	Water System	Water Plan	Capital Improvement Plan	Asset Management Plan	Rate Analysis	GIS Mapping	Hydraulic Modeling	Distribution System Evaluation	Criticality Assessment	Interconnection Evaluation	Lost Water Analysis	Source Development	Source Protection	Water Quality Analysis	Treatment Evaluation	Storage/Tank Analysis	Staffing / Operations Assess	System Evaluation
Florida																				
Apopka, City of																				
Citrus County																				
Haines City, City of																				
Polk Regional Water Cooperative																				
Polk County																				
University of Central Florida																				
Connecticut																				
Aquarion Water Company, Danbury																				
Bethel, Town of																				
New London, City of																				
Sprague Water and Sewer Authority																				
Maine																				
Bath Water District																				
Gardiner Water District																				
Kittery Water District																				
Lake Arrowhead Community, Inc.																				
Lisbon Water Department																				
Southern Maine Regional Water Council																				
South Berwick Water District																				
Waldoboro, Town of																				
Massachusetts																				
Acton Water District																				
Essex, Town of																				
Haverhill, City of																				
Mass Development (Devens)																				
North Reading, Town of																				
Orange, Town of																				
Plymouth, Town of																				
Ware, Town of																				
Weston, Town of																				
New Hampshire																				
Concord, City of																				
Rochester, City of																				
Rye Water District																				

Wastewater System Planning Experience

Note: Wright-Pierce has completed dozens of wastewater system planning projects over the past 10 years. This table represents only a small portion.

Client	Wastewater Master Plan	Wastewater Facilities Plan	Regionalization Planning	Nutrient Removal Planning	Capital Improvement Plan	Asset Management	Sewer / Collection System Study	Infiltration-Inflow Study	SCADA Study	GIS / Mapping	Pump Stations Evaluation	Hydraulic Modeling	Septic-to-Sewer Planning	odor Control Study	Energy Efficiency Planning	Value Engineering / Peer Review	Regulatory / Permitting
Florida																	
Apopka, City of	•				•		•					•					•
Citrus County	•			•			•					•					•
Gainesville Regional Utility						•											
Hillsborough County PUD						•											
JEA							•										
Williston, City of						•											
Orange County							•										
Winter Haven							•										
Orlando, City of							•										
Connecticut																	
Danbury (Neolia North America)							•										
Fairfield, Town of							•										
Farmington, Town of							•										
Killingly, Town of							•										
Manchester, Town of							•										
Prospect, Town of							•										
Torrington, City of							•										
Waterford, Utilities Commission							•										
Windham, Town of							•										
Maine																	
Bath, City of							•										
Boothbay Harbor Sewer District							•										
Brunswick Sewer District							•										
Falmouth, Town of							•										
Greater Augusta Utility District							•										
Rockland, City of							•										
Wells Sanitary District							•										
Massachusetts																	
Fitchburg, City of							•										
Gloucester, City of							•										
Hudson, Town of							•										
Leominster, City of							•										
Lunenburg, Town of							•										



2





Management

Chris will be responsible for implementing this Integrated Water Resources Master Plan. He will serve as BLCCDD's primary point of contact, coordinate technical efforts required of the team, and monitor schedule and budget compliance.

He leverages 25 years of experience completing master planning projects, including those involving water, wastewater, and reclaimed water hydraulic models, as well as the development of prioritized Capital Improvement Plans (CIPs).

Chris is experienced in overseeing all aspects of master plan development including developing directives; preparing for and performing assessments; evaluating alternatives; and developing the plan. Chris conducts interactive workshops to obtain buy-in from the Owner at each step in the process.



Master Planning & Hydraulic Modeling

240

Hydraulic models prepared for water, wastewater, and reclaimed water systems

30

City-, county-, and service area-wide comprehensive master plans completed

3

Master planning and hydraulic modeling projects performed for BLCCDD



BLCCDD / OTOW Projects

5

Major projects performed for BLCCDD/OTOW

3

BLCCDD utility systems (water, wastewater, and reclaimed water) worked on

3

Master planning and hydraulic modeling projects performed for BLCCDD

Our Team Dedicated to Your Projects

From our full-service, diverse staff of experienced engineering professionals, operators, technicians, and support personnel, we have assembled a project team with many years of demonstrated practical experience completing similar projects.

We recognize that no one understands the requirements of BLCCDD’S project better than your personnel. Therefore, our team is committed to working collaboratively with your staff, incorporating their input to deliver tailored solutions.



- (1) Experience with BLCCDD
- (2) Liquid Solutions Group Personnel
- (3) ASRus Personnel
- (4) The Valerin Group Personnel



LEAD PROJECT ENGINEERS

- Hydraulic Modeling**
Saheb Mansour-Rezaei, PhD, PE
- Potable Water Treatment & Distribution Facilities**
Greg Taylor, PE
- Water Supply Options & Groundwater Modeling**
Brian Megic, PE, D.WRE (2)
- Wastewater Collection**
Don McCullers, COA (1)

- Wastewater Facilities**
Don Lee, PhD, PE, BCEE (1)
- Conservation & Reclaimed Water**
Katie Gierok, PE
- Mitigation Options**
Mark McNeal, PG (3)
Marty Clasen, PG (3)

ENGINEERING SUPPORT

- Support Personnel**
Ben Yoakum, PhD, PE
Jay Kwag, EIT, PMP
Larry Neal, EIT
- Public Outreach & Communication**
Nicole Hawker (4)

Availability & Commitment

Wright-Pierce affirms all personnel listed in this proposal will be available for and shall be assigned to this project. Additionally, our Client Service Manager, Dennis Davis, has been in communication with each of our subconsultants, all of whom have indicated their availability and eagerness to support Wright-Pierce on this project.

The percentages in the table to the right indicate the approximate availability of each key team member over a one-year period (i.e., 2,080 work hours). We are confident in our ability to balance the resources required of our existing and projected workload with those required for this project.

Furthermore, our team has ample backup staffing capability in the event of unforeseen circumstances. Should the need arise, Wright-Pierce employs over 250 engineering and support staff available for assignment, of whom 28 are full-time Florida-licensed Professional Engineers.



Wright-Pierce will commit the necessary resources to complete your project within the desired timeframe.

Team Member	Role	Availability
Project Management		
Chris Baggett, PE, ENV SP	Project Manager	60%
Steve Hallowell, PE	Principal-in-Charge	45%
Dennis Davis, PE	Client Service Manager	45%
Rob Denis, PE, D.WRE	Technical Advisor	60%
Lead Project Engineers		
Saheb Mansour-Rezaei, PhD, PE	Hydraulic Modeling	60%
Greg Taylor, PE	Potable Water Treatment Facilities	40%
Brian Megic, PE, D.WRE	Water Supply & Groundwater Modeling	40%
Don Lee, PhD, PE, BCEE	Wastewater Facilities	55%
Don McCullers, COA	Wastewater Collection System	90%
Katie Gierok, PE	Conservation & Reclaimed Water	45%
Mark McNeal, PG	Mitigation Options	40%
Marty Clasen, PG	Mitigation Options	55%
Engineering Support		
Nicole Hawker	Public Outreach	50%
Ben Yoakum, PhD, PE	Support Personnel	60%
Larry Neal, EIT	Support Personnel	60%
Hye Kwag, EIT, PMP	Support Personnel	60%

Quality Assurance & Quality Control

Wright-Pierce has developed a proven, standardized approach for the production of quality utility master plans. From the development of preliminary directives through final plan and closeout deliverables, our internal QA/QC process is designed and executed to minimize the need for additional reviews by clients.

The project team will employ well-established QA/QC procedures that require internal reviews conducted by senior members with experience on similar projects. Principal-in-Charge Steve Hallowell and Technical Advisor Rob Denis will be involved throughout the life of the project to leverage their experience, scrutinizing every milestone deliverable before reaching your desk. To facilitate these reviews, Project Manager Chris Baggett will establish internal deadlines that drive performance and carry the same weight as client deadlines.

Companywide Program

The firm’s QA/QC process is fine-tuned and cultivated independent of specific projects. To encourage consistent quality performance, we have established a formal in-house training program with frequent (i.e., several per week) training sessions related to technical execution, management, and technology.

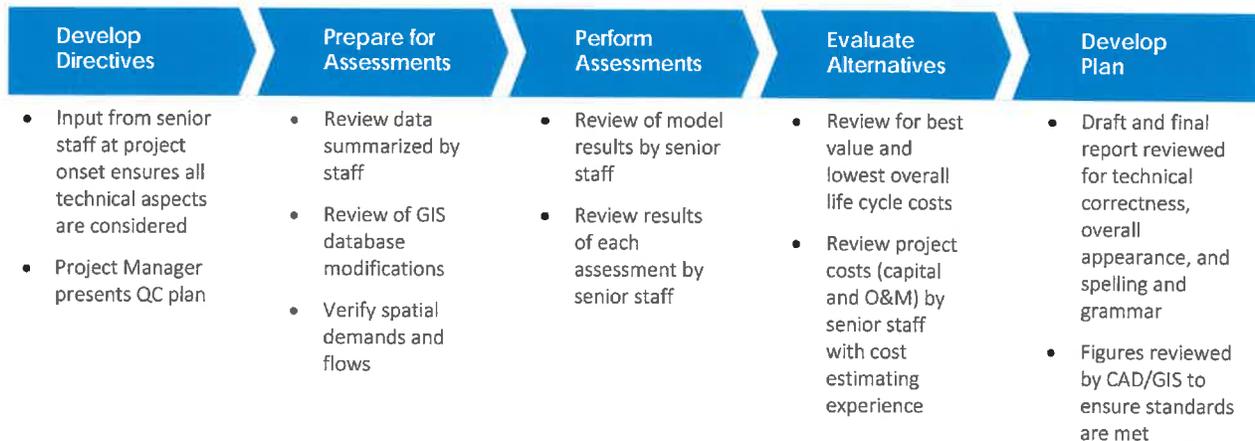
Technical leaders from each discipline are charged with maintaining comprehensive guidelines, calculations templates, and standard documents based on best industry practices and our many years of experience. Additionally, once we complete a project, the entire project team is involved in a formal “suggested modifications” process to improve our standards based on lessons learned by staff while actively working on projects. New hires are required to undergo a formal on-boarding process that includes training for these standards.

Subconsultants

In assembling our project teams, we prefer to team with only well-vetted subcontractors that have demonstrated their ability to produce quality work. This has led to a wealth of excellent professional relationships developed through our collaboration on several projects.

To maintain the quality of our deliverables, all work produced by subconsultants Liquid Solutions Group, ASRus, and The Valerin Group will be routed through and reviewed by Project Manager Chris Baggett. As an integral part of our team, we will apply to their work all of the same QA/QC mechanisms employed internally.

The graphic below represents our proposed project approach (as discussed in Section 5) and identifies QA/QC mechanisms for the successful implementation of each phase.



Key Personnel Resumes





Christopher C. Baggett, PE, ENV SP

SENIOR PROJECT MANAGER

Project Assignment: Project Manager

Education

B.S., Civil Engineering,
University of Florida

Professional Registration

Florida

Experience

24 Years

Joined Firm

2018

Professional Training

Envision Sustainability
Professional

Professional Affiliations

American Water Work
Association, Florida Section
(AWWA)

Publications

Baggett, C.C., Rosario, R., and
Cole, C., "Going Beyond
Steady-state Wastewater
System Modeling in Sarasota
County: A Case for Extended-
period Simulation", Florida
Water Resources Journal,
2013

Baggett, C.C., Hua, G.,
Powell, R., Reed, T., and Hall,
J., "Effective of Periodic
Breakpoint Chlorination on
Distribution System
Nitrification Control for
Pinellas County Utilities",
FWRC Conference, 2012

Baggett, C.C., Hua, G., Gordu,
F., Friedrich, T., Stasis, P.,
Powell, R., and Reed, T.,
"Controlling Nitrification in a
Distribution System
Receiving Blended Multiple
Source Waters – The

Role Description & Experience Summary

Chris will serve as Project Manager for this contract. In this role, he will be the primary point of contact for communications with BLCCDD. He will be responsible for coordinating the technical efforts of the project team and for monitoring schedule and budget compliance. Chris has over 24 years of experience planning, designing, analyzing, and modeling water, wastewater, and reclaimed water systems. His master planning and modeling experience includes small and large regional treatment and collection/distribution systems. His extensive analysis and modeling experience includes steady-state, extended-period, and transient hydraulic/surge network analysis; and hydraulic profile modeling.

Relevant Project Experience

Water System Modeling Study, OTOW/BLCCDD, FL*

QA/QC and Technical Lead. Provided engineering services associated with developing a water system model and associated studies for servicing the OTOWC development in Marion County. The intent of the study was to use existing and projected potable water demands to develop a water system model for the OTOWC development to build out. This model will provide the basis for the OTOWC to determine potable water pumping, storage, transmission, and distribution infrastructure needs of the OTOWC development. Mr. Baggett served as QA/QC Officer and Technical Lead.

Water Treatment Plant No. 1 Raw Water Pumping Design, OTOW/BLCCDD, FL*

Project Manager and Technical Leader for project that provided design services for WTP No. 1 upgrades identified in the OTOW Water System Modeling Study Master Report.

North Wastewater Treatment Plant, OTOW/BLCCDD, FL*

Senior Project Engineer for the design and helped obtain permitting for Phase I of On Top of The World's 2.5-MGD AADF North Wastewater Treatment Facility expandable to 5.0 MGD AADF for Phase II. Mr. Baggett served as Mechanical Lead for the RAS/WAS pump station, RCW pump station, ground storage tanks, and effluent disposal pump station.

Water Treatment Plant No. 3, OTOW/BLCCDD, FL*

Project Manager and Engineer of Record for the preliminary design, final design, permitting and construction of a new potable water treatment plant including a potable water high service pump station and potable water ground storage tank for On Top of the World, with a pump station initial firm capacity of 24 mgd (16,670 gpm) and a future firm capacity of 40 mgd (27,780 gpm). The pump station included

Christopher C. Baggett, PE, FNV SP

Experience of Pinellas County Utilities”, FWRC Conference, 2011

Baggett, C.C., Hua, G., Rosario, R., Powell, R., Reed, T., and Hall, J., “Using Water Quality Modeling as a Decision-making Tool to Plan Distribution System Improvements for Pinellas County Utilities”, FSAWWA Conference, 2011

Baggett, C.C., Wu, Z., Wang, R., Walski, T., and Bowdler, D., “Extended Global-gradient Algorithm for Pressure-dependent Water Distribution Analysis”, Journal of Water Resources Planning and Management, 2009

Baggett, C.C., Li, G., Engelmann, M., and Gill, W., “Solutions for Air Valve Breakage Caused by Hydraulic Transients in Pinellas County’s Wastewater Force Main System”, WEF - Collection Systems, 2009

two, VFD-driven 2 MGD (1,390 gpm), 125 HP jockey pumps and four, VFD-driven, 8 MGD (5,560 gpm), 75 HP pumps with the associated electrical and I&C/SCADA systems. The project also included construction of two new, pre-stressed concrete, 2.75-million gallon potable water ground storage tanks (GSTs); an electrical/pump building with workshop area, electrical room, control/conference room, kitchen/break room, restrooms and office; a sodium hypochlorite bulk storage and feed system; three new wells and well pumps; roadway, site drainage/stormwater improvements; septic tank and drain field; on-site potable water system; and a diesel generator and above grade fuel storage tank.

Integrated Water, Wastewater and Reclaimed Water Master Plans, Apopka, FL

Lead project engineer for project involving the updating of the City’s master plans. The project included updating the hydraulic models based on new development over the last five years, calibrating the models, running existing conditions and future conditions scenarios, developing 10-, 20- and 30-year Capital Improvement Plan project lists, and preparation of a final report. This project also included an integrated water resources plan that holistically evaluated all available water.

Water Conservation Plan, PRWC, FL

Lead project Engineer for Wright-Pierce as we work as a subconsultant in the development of a County wide water conservation plan that can be used as the basis of water conservation plans for municipalities within Polk County. Work includes evaluating parcel level data and identifying opportunities for water conservation.

Comprehensive Wastewater System Master Plan, Citrus County, FL

Project Manager for a project that includes developing a county wide plan to reduce nitrogen loading to the groundwater through the elimination of or upgrading of septic systems throughout the County. Project includes development of a communications plan to educate the public about the issue and to obtain their opinions of the plan; update the existing septic system survey; develop a nitrogen loading analysis that quantifies the amount of nitrogen reduction the plan will provide; identification of a septic systems that can be upgraded or eliminated through the development of a wastewater collection system; development of a County wide wastewater system hydraulic model for use in assessing needed infrastructure; assessment of existing wastewater infrastructure to identify needed upgrades to accommodate new flows; development of a Capital Improvements Plan; development of a project financing plan; and presentations to the Board of County Commissioners for intermediate milestone guidance and final approval.

Potable Water System Master Plan, Citrus County, FL

Project Manager for a County wide potable water system master plan. The project includes development of potable water demands and spatial assignment of those demands on a parcel level throughout the County; updating system wide GIS; development of a InfoWater hydraulic model; model calibration; identification of projects required to meet minimum level of service goals; and development of a 20-year Capital Improvement Program and final report.

NERUSA Potable Water System EPS Model Development, Polk County, FL

Project Manager for upgrading the County's current static potable water system hydraulic model into an extended simulation model to better analyze upgrades needed due to development. Project includes updating system wide GIS; field services to obtain calibration data; model calibration; conversion of model into EPS model; performing several model simulations; and development of a final report.

Integrated Water, Wastewater and Reclaimed Water Master Plan for the Southwest Regional Utility Service Area (SWRUSA), Polk County, FL*

Project included review of data; evaluation of treatment and pumping facilities; updating the 2007 wastewater system hydraulic model, evaluating the SWRUSA WRF, developing treatment, pumping, and piping improvements; evaluating future regulations; developing an implementation plan with project costs; and developing of a flow-based capital investment program.

Sewer Master Plan, Charlotte County, FL*

Project manager responsible for developing a comprehensive sewer master plan. The plan included a septic to sewer (S2S) master plan which developed a sequencing plan for conversion of S2S in a manner that would maximize environmental benefits while reducing long term costs; evaluating four water reclamation treatment facilities with a combined permitted capacity of 9.7 MGD; updating the dynamic wastewater system hydraulic models which contains approximately 300 lift stations; developing treatment, pumping, and piping improvements to resolve treatment, physical and capacity related issues and provide for system growth, developing project costs and project financing options; and developing capital improvement project summary sheets.

Water Facilities Planning & Hydraulic Model Update, Bradenton, FL*

PM for project that includes updating the city's water distribution model and performing hydraulic and water quality modeling to develop a water system pipe replacement program. Project involved an innovative approach to processing and analyzing pipe break histories including type, size, and location of pipe breaks and developing a predictive pipe break model. A priority scoring matrix along with a cost analysis scheme was used that allowed optimization of the replacements and control annual cost of pipe replacement program.

*Experience from previous employer



Rob Denis, PE, D.WRE

LIQUID SOLUTIONS GROUP PRINCIPAL ENGINEER

Project Assignment: Lead Project Engineer for Mitigation Options

Education

M.E., Civil Engineering,
University of Florida

B.S.C.E., Civil Engineering,
University of Florida

Professional Registration

Florida

Experience

26 Years

Joined Firm

2008

Professional Affiliations

American Water Works
Association (AWWA)

American Society of Civil
Engineers

American Management
Association

Hispanic Chamber of
Commerce

Role Description and Experience Summary

Rob will serve as Technical Advisor, providing technical advice to the project team and reviews of interim technical documents. Rob has performed a variety of projects from small studies to large water supply infrastructure projects covering the broad spectrum of water resources engineering. His project experience includes water resources evaluations, water use permitting, and groundwater and surface water modeling. It also includes planning, modeling, design, permitting, and construction for a wide variety of water resources infrastructure projects such as aquifer storage and recovery, water supply, pipelines, and reuse systems.

Relevant Project Experience

Reedy Creek Improvement District Water Resources, Orange County, FL

Project manager providing a water resources evaluation and conceptual design services related to potential water supply sources available. Conceptual engineering layouts were developed for each identified supply source. The evaluation included an alternatives analysis of the identified supply sources including technical factors such as supply availability, water quality, and cost, and non-technical factors such as permissibility and public perception.

Florida SEAWAT Model, City of Tarpon Springs, FL

Project manager for development of a variable-density groundwater flow model using the USGS SEAWAT code to simulate injection of demineralization concentrate. Over 20 simulations were performed to assess hydrogeologic and operational uncertainty. In addition, the modeling was used to refine a well drilling and testing plan to allow for collection of data to improve modeling certainty.

Western Borrow Pit Groundwater Modeling, Orange County, FL

Engineer of Record for a groundwater modeling analysis to determine required dewatering capacity and potential wetland impacts. The groundwater modeling was used in support of an FDEP dewatering plan and SJRWMD CUP application.

Water Supply Master Plan, City of Altamonte Springs, FL

Assisted the City and planning consultant with a preliminary assessment of wellfield operational plan. Evaluated potential environmental benefits caused by redistribution of pumpage among the City's wellfields. Performed steady state groundwater flow modeling and assessment of Minimum Flow and Levels compliance under an array of pumping scenarios. Prepared report for submittal to client.

Consumptive Use Permitting, City of Tavares, FL

Project engineer and agent for a consumptive use permit (CUP) application for the City of Tavares. Mr. Denis assisted with the development of overall strategy,



development of population and water demand projections, development of reuse projections, calculation of the CUP request, and development of the groundwater flow model to assess potential impacts. In addition, as part of this work a hydrologic yield model for the Upper Ocklawaha River Basin was developed.

Reclaimed Water Feasibility for Aquifer Recharge, SWFWD, Brooksville, FL

Project engineer responsible for groundwater modeling of indirect recharge for a project to identify and develop alternative water supply options to maximize the beneficial use of reclaimed water flows. in the Hillsborough and Polk County areas. The project included applying a Florida Aquifer Vulnerability Assessment based assessment to identify potential candidate recharge areas. The SFWMD's District Wide Regulation Model (DWRM) was used to assess the benefit of the candidate site as benefit relates to offsetting potential groundwater withdrawals. The project also included the identification of potential indirect recharge technologies.

Southeast Water Supply Augmentation and Yield Modeling, Orange County, FL

Engineer of record for a project to withdraw water from Canal C-29A in Orange County to augment a reuse system. The project included pilot testing, impact modeling using a hydrologic yield model developed by Mr. Denis, preliminary design and water use permitting for 7.14 mgd from this surface water source. Via a settlement with the SFWMD this AWS project was put on indefinite hold.

East, West, and Southwest Service Area CUP Modification, Orange County, FL

Project manager and engineer of record for the modification of Orange County Utilities (OCU) SJRWMD CUP to extend the expiration date from 2020 to 2026 and significantly increase the allocation from 47 MGD to 55.7 MGD. Mr. Denis was responsible for development of identification of a new wellfield, water demand projections, reuse planning, environmental analyses, and condition negotiations for CUP #3317 which was issued in December 2006.

North Florida Utility Coordinating Group Engineering Consulting, Northeast FL

Provided utility consulting to the North Florida Utility Coordinating Group consisting of JEA, Clay County Utilities, St. Johns County Utilities, Gainesville Regional Utilities, City of Atlantic Beach, City of Neptune Beach, City of Jacksonville Beach, and the Town of Orange Park. Services include review and interpretation of materials developed by the water management districts or other parties, review of legislation, MFL review and tracking, natural systems model review, regional water supply planning coordination, facilitation, and development of briefing materials.

Central Florida Water Initiative Consulting; Orange County Utilities, FL

Provided utility consulting on behalf of OCU with regard the Central Florida Water Initiative (CWFI) process. Mr. Denis participated on the water conservation sub-group, reclaimed water sub-group, population/demand sub-group, water supply options sub-group and regional water supply plan team. Mr. Denis provided water conservation modeling work as part of this effort using the Conserve Florida Water EZ Guide for several utilities to develop regional water conservation estimates.



Dennis A. Davis, PE

SENIOR CLIENT SERVICE MANAGER

Project Assignment: Client Service Manager

Education

B.S., Environmental
Engineering, University of
Florida

Professional Registration

Florida

Experience

21 Years

Joined Firm

2016

Professional Affiliations

Florida Water Environment
Association

Florida Water Environment
Association-Utility Council

American Water Works
Association
Florida League of Cities

Role Description and Experience Summary

Dennis will serve as the Client Service Manager for this contract. In this role, he will be responsible for ensuring the team meets and exceeds expectations related to project performance. Dennis is an experienced engineer and client service manager with over 20 years of professional experience including key management and leadership positions. He is a diverse engineer with experience in water supply, utilities, stormwater design, water quality, natural systems, solid waste management, civil site design and environmental permitting.

Relevant Project Experience

Integrated Utility Master Plan Updates, Apopka, FL

Client Service Manager for a project that includes updating the City's Master Plan for the potable water, wastewater, and reclaimed water utilities. Three hydraulic models, one for each utility, were updated with new and projected developments and with population projections based upon the BEBR-medium projections. The models were validated with field hydrant flow tests and lift station drawdown tests. The models were operated under current and future conditions in 5-year increments for the 20-year planning period. When combined with facility evaluations the hydraulic modeling evaluations were used to develop a Capital Improvements Plan (CIP), in five year increments over the 20-year planning window. The efforts and planning were compiled into a Master Plan Report. In addition, an Integrated Water Resource Master Plan (IWRMP) summary was developed. The IWRMP summary provides the City with an organized approach to efficiently develop and manage existing and potential water sources, while maintaining the desired level of service for each individual utility system.

Integrated Utility Master Plan Southwest Utility Service Area, Polk County, FL*

Client Service Manager for project involving the updating of the City's master plans. Part of the team that created the original master plans and provided these services to update the plans approximately eight years later. The project included updating the hydraulic models based on new development over the last eight years, calibrating the models, running existing conditions and future conditions scenarios, developing 10-, 20- and 30-year Capital Improvement Plan project lists, and preparation of a final report.

Wastewater Treatment Feasibility Analysis, Citrus County, FL

Client Service Manager for a project that includes developing a county wide plan to reduce nitrogen loading to the groundwater through the elimination of or upgrading of septic systems throughout the County. Project includes: development of a communications plan to educate the public about the issue and to obtain their

opinions of the plan; update the existing septic system survey; develop a nitrogen loading analysis that quantifies the amount of nitrogen reduction the plan will provide; identification of a septic systems that can be upgraded or eliminated through the development of a wastewater collection system; development of a County wide wastewater system hydraulic model for use in assessing needed infrastructure; assessment of existing wastewater infrastructure to identify needed upgrades to accommodate new flows; development of a Capital Improvements Plan; development of a project financing plan; and presentations to the Board of County Commissioners for intermediate milestone guidance and final approval.

Potable Water System Master Plan, Citrus County, FL

Project Manager for a County wide potable water system master plan. The project includes: development of potable water demands and spatial assignment of those demands on a parcel level throughout the County; updating system wide GIS; development of a InfoWater hydraulic model; model calibration; identification of projects required to meet minimum level of service goals; and development of a 20-year Capital Improvement Program and final report.

University of Central Florida, Potable Water System Master Plan, Orlando, FL

Client Service Manager for a project that includes developing a master plan for the University's potable water system. The system includes four wells, 21 miles of pipe and a water treatment plant. The project includes development: of calibrated hydraulic and water quality models; development of existing conditions and future demand scenarios; development of a CIP for the needed improvements; and development of a final report.

Wastewater Extended Period Simulation Hydraulic Model, Apopka, FL

Client Service Manager for a project that included taking the City's existing static wastewater system model and turning it into a dynamic model capable of running Extended Period Simulations (EPS). This effort was initiated to allow the City to better identify the infrastructure needs within its wastewater collection system.

NERUSA Potable Water System EPS Model Development, Poik County, FL

Project Manager for upgrading the County's current static potable water system hydraulic model into an extended simulation model to better analyze upgrades needed due to development. Project includes updating system wide GIS; field services to obtain calibration data; model calibration; conversion of model into EPS model; performing several model simulations; and development of a final report.

*Experience from previous employer



Steven C. Hallowell, PE

VICE PRESIDENT/SENIOR PROJECT MANAGER

Project Assignment: Principal-In-Charge

Education

M.B.A., Southern New Hampshire University

M.S., Civil Engineering University of Lowell

B.S., Civil Engineering University of Maine

Professional Registration

Florida
Connecticut
Maine

Experience

35 Years

Joined Firm

1987

Professional Affiliations

Maine Wastewater Control Association

Maine Department of Environmental Protection Lagoon Task Force

American Water Works Association/Florida AWWA

Florida Water Environment Association

Awards

Cancer Survivor – 2000

Presentations

“Regionalization Challenges, Complexities & Success Stories” NEWEA - Spring 2009 plus 6 other presentations for MWWCA & JETCC

Role Description and Experience Summary

Steve Hallowell, Vice President will serve as Principal-in-Charge for this contract. In this role, he will be responsible for acting as the firm’s authorized representative in any negotiations and for ensuring all contractual obligations are met. Additionally, Steve will be available to assist with meetings and presentations as necessary. As Principal-in-Charge, Steve will commit the team resources needed for this project. Steve serves as a senior project manager in the Wastewater Practice Group with a wide range of experience in planning, design and construction of wastewater and water facilities and infrastructure projects for municipal clients.

Relevant Project Experience

Wastewater Treatment Facilities Plan, Williston, FL

Principal-in-Charge and Technical Advisor for the development of a 20-year Facilities Plan for the 0.45 MGD Williston Wastewater Treatment Facility. Assessment included influent screening, oxidation ditch, flow splitting, secondary clarifiers, chemical disinfection, effluent storage and distribution to a restricted public access spray field and aerobic sludge storage. Other systems, such as instrumentation, electrical and architectural/ building systems also evaluated. An estimate \$3.77 M in necessary improvements were identified to be implemented over three Phases.

Northwest Quadrant Wastewater Sewer Extension, Citrus County, FL

Principal-in-Charge and Technical Advisor for the evaluation and preliminary design of a new sewer extension that will provide sewer service to approximately 1,500 residential, commercial and industrial businesses in Citrus County. The proposed sewer extension will include three new submersible pump stations and 50,400 linear feet of new 10-inch diameter force main piping. The sewer extension will transport wastewater to the Meadow Creek Wastewater Treatment Facility.

Infiltration & Inflow Study and Remediation Plan, Dale Mabry Advanced Wastewater Treatment Facility Service Area, Tampa, FL

Principal-in-Charge/Project Manager for a two phase I&I study consisting of quantifying I&I including three months of flow, rainfall, and groundwater monitoring and assessment. Flow monitoring consists of installing 55 flow meters, 25 groundwater piezometers and 9 rain gauges in 55 sub-basin areas of the service area. Work also includes 100 day/night time instantaneous flow measurements, data analysis using Sliicer and preparing a Phase I flow monitoring report with recommendations for conducting the Phase II I&I source investigation study, which consists of dye testing, 154,000 lf of FELL pipe inspections, 740 Level 1 manhole inspections and 100-night time instantaneous flow measurements.

“Upgrading One of Orlando’s
Largest Lift Station &
Overcoming Challenges,”
FWRC, Spring 2019

Publications

Cadle, R.; Cummings, R;
Perkins, L; Davis, D;
Hallowell, S; “From Coast to
Coast: What Florida’s Largest
Utilities are Doing About
I&I,” FRWC,
Spring 2019

Southwest Service Area Infiltration and Inflow Study and Remediation Plan, JEA, Jacksonville, FL

Principal-in-Charge/Project Manager for a two phase I&I study and remediation plan. The southwest service area is comprised of over 100 square miles and approximately 700 miles of sewer piping. 25 pump station sub-basins will be targeted to evaluate I&I in those systems. Phase I of this project is a hydraulic condition assessment and includes flow monitoring in 35 locations, installation of 18 groundwater piezometers, 290,000 lf of smoke testing, 185,000 lf of CCTV, 1,150 Level 2 manhole inspections and the development of an I&I reduction plan. Phase II of the project includes the development of plans and specifications to address the I&I.

East Grid Pump Station Upgrade Program, Jacksonville, FL

Evaluation and design for replacing six (6) existing submersible pump stations with new submersible pump stations ranging in capacity from 1,000 GPM to 1,800 GPM. Proposed new pump stations to include the demolition of the existing lift station, new 10 ft. diameter wet well, 3 submersible pumps, piping, valve, standby emergency generator, back up diesel pumping system, bypass pumping system, controls, and site improvements.

Lift Station No. 85 Upgrade, Orlando, FL

Evaluation and design for replacing the existing wet well/dry well, 5.6-MGD lift station with a new 5.6-MGD submersible lift station. Proposed new facilities to include converting the existing lift station pump room to two new wet wells, 4 new submersible pumps, discharge piping and valves, , bypass pumping facilities, new emergency generator, electrical building, pump crane hoist system, odor control system and site piping and improvements.

Storey Park Master Pump Station, Orange County, FL

Evaluation, design, permitting, bidding and construction administration for a new greenfield site master submersible pump station with an immediate capacity of 6 MGD, but expandable to 12 MGD. New submersible pump station to include two wet wells, flow splitting, 2 stage odor control facilities, 800 kW diesel standby emergency generator and fuel storage tank systems, electrical building with electrical distribution, controls, VFD’s, instrumentation, and HVAC, and site improvements.

Lift Station No. 45 Upgrade, Orlando, FL

Evaluation and design for replacing the existing wet well/dry well, 9-MGD lift station with a new 9-MGD submersible lift station. Proposed new facilities to include converting the existing lift station pump room to two new wet wells, 4 new submersible pumps, discharge piping and valves, , bypass pumping facilities, new emergency generator, electrical building, pump crane hoist system, odor control system and site piping and improvements.



Saheb Mansour-Rezaei, PhD, PE

LEAD PROJECT ENGINEER

Project Assignment: Lead Project Engineer – Hydraulic Modeling

Education

Ph.D., Civil Engineering,
University of British
Columbia

M.S., Water Resources
Engineering, Sharif University
of Technology

B.S., Civil Engineering,
University of Tehran

Professional Registration

Florida

Experience

7 Years

Joined Firm

2020

Publications

Mansour-Rezaei, S., Naser,
G., Malekpour, A., Karney, B.,
"Contaminant Intrusion in
Water Distribution Systems,"
American Water Works
Association, 2013

Mansour-Rezaei S., Naser, G.,
Sadiq, R., "Potential of
Contaminant Intrusion and
Propagation in Water
Distribution Systems: A
Fuzzy-Based Approach,"
American Water Works
Association, 2014

Mansour-Rezaei, S., Naser,
G., "Contaminant Intrusion in
Water Distribution Systems:
An Ingress Model," American
Water Works Association,
2013

Mansour-Rezaei, S., Naser,
G., Sadiq, R., "A Comparison
of Various Uncertainty
Models: An Example of

Role Description and Experience Summary

Saheb will serve as the Hydraulic Modeling Engineer for this contract. In this role, he will develop hydraulic models required to assess BLCCDD's utility systems. Saheb holds BSc, MSc, and PhD degrees in Civil Engineering. Saheb's area of expertise is in hydraulic and water quality analysis. He has seven years of consulting experience performing planning and design associated with water distribution systems, wastewater collection systems, and reclaimed water systems. He has published several technical papers including three Journal papers in the Journal of AWWA.

Relevant Project Experience

Integrated Utility Master Plans Update, Apopka, FL

Lead project engineer for project involving the updating of the City's master plans. The project included updating the hydraulic models based on new development over the last five years, calibrating the models, running existing conditions and future conditions scenarios, developing 10-, 20- and 30-year Capital Improvement Plan project lists, and preparation of a final report. This project also included an integrated water resources plan that holistically evaluated all available water.

Wastewater Collection System Master Plan, Citrus County, FL

Project Manager for a project that includes developing a county wide plan to reduce nitrogen loading to the groundwater through the elimination of or upgrading of septic systems throughout the County. Project includes: development of a communications plan to educate the public about the issue and to obtain their opinions of the plan; update the existing septic system survey; develop a nitrogen loading analysis that quantifies the amount of nitrogen reduction the plan will provide; identification of a septic systems that can be upgraded or eliminated through the development of a wastewater collection system; development of a County wide wastewater system hydraulic model for use in assessing needed infrastructure; assessment of existing wastewater infrastructure to identify needed upgrades to accommodate new flows; development of a Capital Improvements Plan; development of a project financing plan; and presentations to the Board of County Commissioners for intermediate milestone guidance and final approval.

Wastewater System Modeling, Leesburg, FL

The City of Leesburg Wastewater System consists of 161 county-owned lift stations, 81 miles of sewer force mains, 169 miles of sewer gravity lines, and two wastewater treatment plants: The Canal Street Plant (3.5 mgd), and the Turnpike Plant (4.5 mgd). City of Leesburg wanted to develop a wastewater model to evaluate future developments impacts on the wastewater system. Developed a hydraulic model using the City GIS geodatabase of the wastewater system, record drawings,

Saheb Mansour-Rezaei, PhD, PE

Subsurface Contaminant Transport," Hydro-Environment Research, 2011

Ataie-Ashtiani, B., Mansour-Rezaei, S., "Modification of Weakly Compressible Smoothed Particle Hydrodynamics for Preservation of Angular Momentum in Simulation of Impulsive Wave Problems," Coastal Engineering Journal, Vol. 51, 2009

pump curves, drawdown test results, pump run times data, lift station service area, LiDar elevation data, and influent flow data at wastewater treatment plant (WWTP). Estimated average annual daily flow (AADF) based on the parcel count and estimated daily flow per residential unit. After each LS was assigned an AADF, a multiplier based on the total influent flow facility data was applied to achieve maximum-day flow (MDF). Varied each influent flow throughout the AADF (MDF) extended-period simulation (EPS) by using the normalized system diurnal curve developed from the WWTP influent flow data. Performed model calibration by comparing model predicted run time and field recorded ones.

Water System Master Plan, Citrus County, FL

Lead Project Engineer for project that includes developing a county-wide potable water master plan in conjunction with a county-wide septic-to-sewer and wastewater master plan that we are completing. The potable water master plan identifies future water demands and the infrastructure needed to meet these demands. A hydraulic model is being created, calibrated and used to plan a Capital Improvement Plan (CIP) for the next 20 years.

Sewer Master Plan, Charlotte County, FL*

Charlotte County Utility department (CCUD) sewer facility consist of four water reclamation facility (WRFs), 906 miles of sewer mains, 291 sewer lift stations, and 34,910 sewer customer connections. CCUD wanted to develop a Sewer Master Plan to reduce pollution by converting septic to sewer for the Utilities' service areas. As part of the master planning effort, developed and updated hydraulic model to determine growth and infrastructure needs throughout the County's collection and transmission system. Modeling simulations were conducted using flow conditions for the existing, 5-year, 10-year, 15-year, and buildout improvement plans to determine additional infrastructure requirements for the wastewater collection and conveyance systems for each planning period

Water Facilities Planning & Hydraulic Model Update, Bradenton, FL*

Lead Project Engineer for project that includes updating the City's water distribution model and performing hydraulic and water quality modeling to develop a water system pipe replacement program. Project involved an innovative approach to processing and analyzing pipe brake histories including type, size, and location of pipe breaks and developing a predictive pipe break model. A priority scoring matrix along with a cost analysis scheme was used to allow optimization of the replacements and control annual cost of pipe replacement program.

Water System Master Plan and Hydraulic Model Update, Leesburg, FL*

Lead Project Engineer for the development of a potable water system master plan that included hydraulic model development (and later updating), calibration and model runs to identify projects that will help the City meet their level of service criterial. Master Plan was developed and evaluated projects over multiple years and developed a prioritized Capital Improvement Plan.

*Experience from past employer.



Greg D. Taylor, PE

SR. PROJECT MANAGER

Project Assignment: Potable Water Treatment & Distribution Facilities Engineer

Education

B.S., Chemical Engineering,
Clemson University

Professional Registration

Florida
Virginia

Experience

18 Years

Joined Firm

2017

Professional Affiliations

Secretary, Board of
Governors (2018-Current),
Florida Section, American
Water Works Association

Trustee, Board of Governors
(2016-2018), Florida Section,
American Water Works
Association

Vice Chair, Region 3 (2015 to
2016), Florida Section,
American Water Works
Association

Chair, Region 3 (2013-2014),
Florida Section, American
Water Works Association

Vice Chair, Region 3 (2012 to
2013), Florida Section,
American Water Works
Association

Public Affairs Council Chair
(2011 to 2013), Florida
Section, American Water
Works Association

Treasurer, Region 3 (2004 to
2008), Florida Section,
American Water Works
Association

Role Description and Experience Summary

Greg will serve as the Lead Project Engineer for evaluating potable water treatment plants and distribution facilities and performing modeling for this contract. He will assist the Project Manager by leading the execution of evaluations, including modeling and the development of the report. Greg has 18 years of design engineering and project management experience. He is a water treatment and pump station design expert. His primary experience has been in project management and engineering of utility capital improvements projects including water treatment plants, pump stations, wastewater collection and transmission systems, pipelines, and solids handling systems. The project management and engineering includes design, permitting, construction services, planning and cost estimating, coordination, and scheduling. He is also proficient in potable and reclaimed water distribution system modeling using InfoWater and WaterGEMS.

Relevant Project Experience

Integrated Utility Master Plan Updates, Apopka, FL

Project Manager and Engineer in responsible charge of this project that includes updating the City's Master Plan for the potable water, wastewater, and reclaimed water utilities. Three hydraulic models, one for each utility, were updated with new and projected developments and with population projections based upon the BEBR-medium projections. The models were validated with field hydrant flow tests and lift station drawdown tests. The models were operated under current and future conditions in 5-year increments for the 20-year planning period. When combined with facility evaluations the hydraulic modeling evaluations were used to develop a Capital Improvements Plan (CIP), in five year increments over the 20-year planning window. The efforts and planning were compiled into a Master Plan Report. In addition, an Integrated Water Resource Master Plan (IWRMP) summary was developed. The IWRMP summary provides the City with an organized approach to efficiently develop and manage existing and potential water sources, while maintaining the desired level of service for each individual utility system.

Potable Water Master Plan, University of Central Florida (UCF), FL

Project Manager and Engineer in responsible charge of this project which includes developing the University's potable water hydraulic model and preparing a master plan for system development and improvements. The project includes fire hydrant flow testing for model calibration. As a part of this project, a water quality model was developed. A tracer study was performed throughout the distribution system by injecting salt in the distribution system and tracking conductivity along a pre-determined pipeline route. Water quality data were collected along the pipe route

Member, International
Ozone Association (IOA)

Publications /

Presentations

Protasowicki, R. G., Taylor, G. D., "Creative Solutions to Managing Emerging Contaminants in Groundwater". Florida Water Resource Conference, Tampa, FL, 2019

Taylor, G. D., "Disinfection By-Product Formation Potential and Chlorine Decay Tracer Study; Field vs. Lab and Predicting with Hydraulic Models". New England Water Works Association, Worcester, MA, 2019

Taylor, G. D., Davee, R. N., Gierok, K. N., Davis, D. A., "Lessons Learned from Surface Water Treatment Facilities and How They Apply to Alternative Water Supplies in Florida". Florida Section American Water Works Association, Orlando, FL, 2018

Taylor, G. D., Chavez, M. F., Gierok, K. N., Hoxworth, S. W., Robert, C. M., McCarthy, J. A. "Ozone and Granular Activated Carbon for Sulfide Treatment and Disinfection By-product Removal in Polk County, FL". Florida Section American Water Works Association, Orlando, FL, 2016

Taylor, G. D., May, Andrew, Vu, Hai, Neumann, Kim, Schulz, C.S., O'Neal, J. "Hydrogen Sulfide Treatment and disinfection By-product Investigations Using Ozone in Jacksonville, FL". Florida Water Resources Conference, Orlando, FL, 2015

and used to develop a water quality predictive model for UCF's system. Modeling operations and visual assessment of infrastructure were combined into a capital improvements plan for short- and long-term corrective.

Wastewater Dynamic Model Update, Apopka, FL

Project Manager responsible for this project that includes developing a new, dynamic wastewater hydraulic model. The new wastewater model will include the City's lift stations, gravity pipelines, and forcemains from the existing GIS data. The project includes projecting future system flows and incorporating them with existing system flows. Field drawdown tests of lift stations were performed to assist in calibrating the model. The model operations will be used to determine any potential system deficits under the current and future operating conditions. A Capital Improvements Plan (CIP) will be developed for planning of improvements and sizing of new systems for coordination with developments.

Hydraulic Model for Eastern Regional Reclaimed Water Distribution System (ERRWDS), Orlando, FL*

Lead design engineer for this project, which involved development of a hydraulic model of the City of Orlando's ERRWDS. The original model developed, operated, and maintained by CDM Smith, is in H2ONet. The city decided to convert the model to InfoWater due to its enhanced features and coordination with the city's geographic information system (GIS). Development of the model included importing GIS infrastructure information, data review and clean-up, demand allocation, calibration, elevation extraction from USGS DEM files, scenario development, and future scenario planning. Interconnections with Orange County, Winter Park, and OUC are all being considered and implemented under the project.

Ponte Vedra Master Plan, St. Johns County Utilities Department, FL*

Project engineer in charge of the development of the Ponte Vedra hydraulic model for two individual utilities taken over by St. Johns County Utilities Department. Included importing as-builts, GIS data, and manual insertion of distribution elements. The model was used for master planning of distribution system upgrades, the necessity for storage and re-pumping facilities, and the fire-flow capabilities and deficiencies of the system.

Hydraulic Model, Orlando Utilities Commission (OUC), Orlando, FL*

Project engineer who helped develop, design, calibrate, test, and operate the hydraulic model for OUC. This is an all-pipes model, with over 100,000 pipes, and over 15,000 nodes. This model was developed using Innovyze's InfoWater, incorporating GIS information for water distribution elements such as pipes, valves, fittings, meters, tanks, etc. The model was calibrated using field investigations and flow test data. Individual customer meter billing data and water treatment plant meter data were analyzed and incorporated into the hydraulic model. This model was updated yearly with billing data and utilized for master planning of the water transmission and distribution system.

*Experience from previous employer



Brian J. Megic, PE, D.WRE

LIQUID SOLUTIONS GROUP PRINCIPAL ENGINEER

Project Assignment: Lead Project Engineer for Water Supply Options & Groundwater Modeling

Education

M.E., Civil Engineering,
University of Florida

B.S.C.E., Civil Engineering,
University of Florida

Professional Registration

Florida
Texas

Experience

23 Years

Joined Firm

2008

Role Description and Experience Summary

Brian will serve as the Lead Project Engineer for evaluating water supply options and performing groundwater modeling for this contract. He will assist the Project Manager by leading the execution of evaluations, including modeling and the development of the report. Brian has been working as a water resources engineer in Florida for over 20 years, performing water resource evaluations; groundwater, surface water, and statistical modeling; water, wastewater, and reclaimed water planning; water, wastewater and reclaimed water permitting, and water and reclaimed water facility design.

Relevant Project Experience

Integrated Water Resources and Water Resources Program; Orange County Utilities (OCU); Orange County, FL

Two continuing services contracts to develop an integrated approach to prioritizing and solving the future water resources challenges of Orange County by effectively using existing resources and developing sustainable future resources while protecting the environment.

Integrated Resources Plan (IRP); OCU; Orange County, FL

Project to develop a comprehensive IRP for Orange County including developing a plan for the efficient and effective use of groundwater (fresh and brackish), reclaimed water, stormwater, and surface water (including an evaluation of demand management techniques such as water conservation) for a 20-year planning horizon.

Orange County Master Plan Update; OCU; Orange County, FL

Provided water, wastewater and reclaimed water planning and groundwater flow and saltwater intrusion modeling for evaluating future water withdrawal and reclaimed water application expansion of OCU's water and reclaimed water systems.

Reclaimed Water Planning and Permitting, South Sumter Utility Company, FL

Planning and permitting of a reclaimed water system expansion in Sumter and Lake counties, including developing flow and demand projections, reclaimed water management and storage requirements, and FDEP permits.

Evaluation of Proposed MFLs; OCU; Orange County, FL

Performed water resource evaluations of the effect of proposed SJRWMD MFLs on OCU's water supply system and performed peer review of the SJRWMD's methodology and modeling used to develop MFLs within Orange County.

Gotha Stormwater Reuse Evaluation; OCU; Orange County, FL

Conceptual-level evaluation of alternatives to divert excess stormwater from five water bodies in western Orange County for both stormwater management and water supply purposes (reuse system augmentation).



Cypress Lake AWS Planning Project, OCU, Orange County, FL

Developed a plan to integrate water from the Cypress Lake Wellfield brackish groundwater project and the Taylor Creek Reservoir/St. Johns River surface water project into OCU's water supply distribution system, including an implementation plan for identified CIP projects required to implement OCU's AWS projects.

Water Supply Options Project; City of St. Cloud, FL

Project to identify and evaluate options (fresh groundwater, brackish groundwater, land-use transitions, surface water, stormwater, reuse irrigation, indirect potable reuse, and conservation) to meet the City's water supply needs beyond 2035, including flow and demand projections, numerical groundwater flow modeling, and an alternatives analysis.

Bay Lake Augmentation Project; Reedy Creek Improvement District; Orange County, FL

Evaluated potential water supply sources available to augment Bay Lake, including UFA and LFA groundwater, reclaimed water, and surface water from various nearby canals and lakes.

Northwest Water Reclamation Facility Reclaimed Water Expansion; OCU; Orange County, FL

Local and sub-regional groundwater flow modeling performed in support of permitting and design of two innovative treatment wetland/lake augmentation projects (Lake Marden and Lake Cora Lee) and new RIBs at OCU's NWRf increasing the system's aquifer recharge capacity from 4.5 to 8.8 MGD AADF.

Alternative Water Supply Plan; City of Tavares, FL

AWS planning to evaluate the Upper Ocklawaha River as a supply source, including the development of a surface water yield model.

Rapid Infiltration Trench PDR; City of Sunrise, FL

Development of a PDR, including groundwater flow modeling, for a 1.0 MGD rapid infiltration trench reclaimed water recharge system to indirectly recharge the Biscayne aquifer providing both reclaimed water management and SWFWMD WUP recharge credit.

Feasibility of Using Reclaimed Water for Indirect and Direct Aquifer Recharge; SWFWMD; Polk and Hillsborough Counties, FL

Project to identify indirect aquifer recharge options (such as RIBs) to increase water supply using the SWFWMD's DWRM model to assess the benefit of recharge sites.

Impact Avoidance Project; OCU; Orange County, FL

Conceptual plan for the implementation of two aquifer recharge projects (1.0 and 1.5 MGD) to offset potential declines in lakes and wetlands due to increased groundwater withdrawals predicted as part of OCU's SJRWMD CUP modification.

Old Winter Garden Road RIB Site; OCU; Orange County, FL

Planning, groundwater flow modeling, permitting and design of OCU's Old Winter Garden Road RIB Site (0.3 MGD).



Don McCullers, COA

SENIOR PROJECT MANAGER

Project Assignment: Wastewater Collection System Specialist

Professional Registration

Class A WWTP Operator (FL)
PACP, MACP, LACP Trainer

Experience

42 Years

Joined Firm

2020

Professional Affiliations

Florida Water and Pollution
Control Operators
Association

Florida Water Resources
Association

Water Environment
Federation (WEF)

North American Society for
Trenchless Technology

National Association of
Sewer Service Companies
(NASSCO)

International Pipe Bursting
Association

American Water Works
Association (AWWA)

Publications

"Horizontal Directional Drill a
16-inch Force Main Under
Clearwater Harbor: A Case
Study," Florida Water
Resources Journal,
McCullers, D., Murrin, L.,
O'Brien, K., Modjeski, D.,
O'Connor, D., 2002

"CMOM: Does it Work?
Clearwater's Program
Performance History,"
Florida Water Resources
Journal, McCullers, D., 2010

Experience Summary

Don will serve as the Wastewater Collection System Specialist for this contract. He will assist the Project Manager by assisting with evaluations of the wastewater collection system as part of the master planning effort. Don is a licensed Class A wastewater treatment plant operator with 42 years of experience in water and wastewater systems. Mr. McCullers serves as a Senior Project Manager in Wright-Pierce's Tampa office with expertise in the analysis of existing utility systems and the preparation of plans and specifications for the construction of new and rehabilitated water and wastewater treatment facilities, pump stations, water distribution systems, interceptor sewer systems, effluent disposal facilities, and reclaimed water systems. He has consulted with various municipalities, government agencies, engineering firms, and contractors.

Relevant Project Experience

On Top of the World Wastewater Transmission Master Plan, Ocala, FL*

Project Manager for Cardno while assisting in the evaluation for long-term planning of the water and wastewater system master plan for On Top of the World Community in Ocala. The project included population and flow projections, hydraulic modelling, pipeline routing analysis, and recommendations for future improvements. Improvements were prioritized into a CIP that included estimated capital costs.

Potable Water Master Plan, Temple Terrace, FL*

Cardno performed a 10-year Master Plan update for the City's potable water system including infrastructure improvements. The project consisted of hydraulic modeling of the potable water system, hydrant testing, and GIS data verification for model calibration. Projected potable water demand and hydraulic modeling within WaterGEMS® to identify existing issues and recommend future improvements, which were prioritized into a capital improvements plan with estimated capital costs.

West Hernando County Sewer Master Plan, Hernando County, FL*

Project Manager responsible for the preparation of a master plan addressing improvements to meet residential and commercial growth, anticipated regulatory requirements, and system reliability needs for western Hernando County. The Hernando County Utilities Department (HCUD) operates and maintains eight wastewater treatment plants, an estimated 213 pump stations, and 350 miles of force main and gravity sewers in this portion of the County. The master plan utilized wastewater flow projections and hydraulic modeling within SewerCAD to identify issues and recommend future improvements. Improvements were prioritized into a 20-year CIP. Cardno considered major factors as projected growth; phasing out older facilities; opportunity for and/or availability of more efficient and economical

Presentations

McCullers, D., Fears, T., Murrin, L., Modjeski, D., "Horizontal Directional Drilling Multiple Pipe Under Stevenson Creek: A Case Study," North American Society for Trenchless Technology (NASTT) NO-DIG, 2004

McCullers, D., Modjeski, D., "MOM/CMOM is HERE," Trenchless Technology Seminar, 2001

McCullers, D., Neff, A., Murrin, L., Modjeski, D., "CMOM Self Audit from Inception to Implementation," Clearwater, FL

McCullers, D., Sickler, D., Howell, C., "CMOM: Roadmap to a Healthy Wastewater Collection System," Austin, TX, 2003

McCullers, D., "Mandalay Channel Pedestrian Bridge Utility Relocation," NASTT NO-DIG, 2005

McCullers, D., "City of Clearwater Capacity, Management, Operation, and Maintenance (CMOM), Does it Work?" Florida Water Resource Conference, 2009

McCullers, D., "Force Main Condition Assessment Workshop," Clearwater, FL, 2011

McCullers, D., Murphy, J., Hallock, S., Modjeski, D., "Condition Assessment of Two Florida Coastal Communities Force Mains: A Case Study," NASTT NO-DIG, 2012

measures and systems; transfer of flows between treatment facilities; expansion of regional facilities; and expected impact of new regulations and standards to provide the County with a modern, efficient, dependable system to best serve its wastewater needs.

Gulfport Sanitary Sewer Evaluation Study (SSES), Gulfport, FL*

Project Manager involved with providing services for the City to identify and repair areas within the collection system with infiltration and inflow (I/I). The project involves State Revolving Funds (SRF) and included a comprehensive investigative plan with flow monitoring, closed-circuit TV (CCTV) inspection, smoke testing, visual inspections, etc. All the data was combined and evaluated in order to provide prioritized recommendations as well as construction work orders for sanitary sewer point repairs and trenchless rehabilitation with CIPP lining or grouting.

Sanitary Sewer System Capacity Improvement Analysis, City of Largo, FL*

Project Manager for evaluating the sanitary sewer system for capacity improvements, and recommendations for reducing/eliminating sanitary sewer overflows (SSOs). The project included evaluation of the wastewater reclamation facility (WRF) to identify improvement and expansion options for meeting current and future anticipated capacity needs (biological and hydraulic) and regulatory requirements. This was accomplished through flow monitoring, physical survey, system mapping, hydraulic modeling and analysis, best management practices, cleaning programs, improvement recommendations, and maintenance planning through the year 2035. The project included implementation of a management program for long-term efficiency and reliability.

Wastewater Collection Capital Improvements Plan, City of Clearwater, FL*

Review and update of the City's six-year wastewater CIP. Included projections of construction cost inflation based on historical data in order to recommended budgets for future projects. Also included position paper on how the City and its consultants are dealing with volatile construction costs.

Potable Water System Improvement Plan, City of Tarpon Springs, FL*

This project involved the assessment of the potable water infrastructure within the City of Tarpon Springs service area. The assessment included an inventory and prioritization for replacement of water distribution pipelines and valves. The assessment included GIS data scrubbing, hydraulic model development via GIS data synchronization in WaterGEMs, fire hydrant and pressure testing for model calibration, existing and future model scenario analysis, review of pipe diameters, looping, pipe age, material, and maintenance records. These tasks were summarized in the Water Distribution System Assessment Report, which included summary planning information for a 5-year interval that lists recommended projects for each fiscal year along with estimated capital costs. The projects were sequenced to best utilize CIP funds for maintaining the City's water distribution system reliability and function.

*Experience from previous employer



Dong-Uk Lee, PhD, PE, BCEE

SR. WASTEWATER PROCESS ENGINEER/PROJECT MANAGER

Project Assignment: Wastewater Treatment Facilities Engineer

Education

Ph.D., Environmental
Engineering, University of
Florida

M.E., Environmental
Engineering, Inha University
South Korea

B.E., Environmental
Engineering, Inha University
South Korea

Professional Registration

Florida
South Carolina

Experience

23 Years

Joined Firm

2020

Professional Affiliations

Water Environment
Federation (WEF)

Water Environment
Association, South Carolina
(WEASC)

Publications

Lee D.U., Woo S.H., Svoronos
S.A., and Koopman, B.,
"Influence of Alternating
Oxic/Anoxic Conditions on
Growth of Denitrifying
Bacteria", Water Research,
2010

Lee D.U., Woo S.H., Svoronos
S.A., and Koopman, B.,
"Determination of diauxic lag
in continuous culture",
Biotechnology and
Bioengineering", 2008

Role Description and Experience Summary

Don will serve as the Lead Project Engineer for evaluations of the wastewater treatment facilities this contract. He will assist the Project Manager by leading the evaluation of the wastewater treatment plant and pumping facilities. Dr. Lee has over 20 years of experience in academic research and consulting in wastewater process engineering. His expertise includes biological nutrient removal (BNR) modeling and process optimization with activated sludge modeling, process simulators, and process optimization program development. He is an expert user of BioWin® Process Simulator. His modeling expertise includes development of wastewater influent characteristics, plant capacity assessment and performance improvement evaluations, and wastewater treatment process optimization for design and operation.

Relevant Project Experience

WWTF Capacity Assessment, Optimization, and Improvement Master Plan, Hilton Head Island, SC*

Project Manager/Lead Technical Engineer. Project involved detailed treatment capacity assessment of WWTF unit processes, process optimization using BioWin® modeling, and 20-year master planning for improvement recommendations with priority scoring.

Biosolids Management Study, Ocala, FL*

Project Manager. Project involved conducting a comprehensive master plan study for to evaluate long-term biosolids management solutions for the County. Performed a detailed 62-640 review to identify the effects to the County biosolids operations. In addition, the existing Class B biosolids land application site was evaluated with the new land application permitting requirements. With 20-year County-wide biosolids projections, five long-term biosolids management alternatives were developed and evaluated with present worth cost opinion analysis. The alternatives included Class AA processes, Class B processes, and landfill disposal. Dr. Lee served as the Project Manager and was responsible for the entire technical assignments and the final report development.

South WWTF Biosolids Land- Application Site Permitting, Marion County, FL*

Project Manager. Project involved providing engineering services for site permitting of the Circle Square Field 2 in accordance with the Chapter 62- 640 FAC to meet the January 1, 2013 due date. Bay Laurel Center Community Development District (LCCDD) operates South WWTF and land-applies limestabilized Class B biosolids to Circle Square Field 2. The biosolids land- application site permitting includes initial site evaluation, FDEP permit application package, and nutrient management plan.

Lee D.U., Woo S.H., Svoronos S.A., Park S.J., and Koopman B., "Apparatus and method for achieving reproducible measurements of diauxic lag length and anoxic net maximum specific growth rate", *Environmental Technology* 2008

Casasus, A.I., Lee D.U., Hamilton R.K., Svoronos, S.A., and Koopman, B. "Effect of carbon substrate on electron acceptor diauxic lag and anoxic maximum specific growth rate in species with and without periplasmic enzyme", *Journal of Environmental Science and Health* 2007

Park S.J., Yoon J.C., Shin K.S., Kim E.H., Yim S., Cho Y.J., Sung G.M., Lee D.G., Kim S.B., Lee D.U., Woo S.H., and Koopman B., "Dominance of endospore forming bacteria on a rotating activated bacillus contactor biofilm for advanced wastewater treatment" *The Journal of Microbiology*, 2007

Lee D.U., Casasus-Zambrana A., Hamilton R., Svoronos, S.A., Lee, S.I., and Koopman, B., "Significance of denitrifying enzyme dynamics in biological nitrogen removal processes: a simulation study" *Water Science and Technology* 2004

Lee D.U., Lee I.S., Choi Y.D., and Bae J.H., "Effects of external carbon source and empty bed contact time on simultaneous heterotrophic and sulfur-utilizing autotrophic denitrification", *Journal Process Biochemistry*, 2001

Dr. Lee served as the Project Manager and was responsible for all technical elements of nutrient management plan and permitting process.

BioWin® Modeling BNR Optimization for Marshall Street, East, and Northeast Water Reclamation Facilities, Clearwater, FL*

Lead Project Engineer. Project entailed a modeling optimization study for the City's three water reclamation facilities. The purpose of the study was FDEP surface water discharge limit compliance, operation trouble shooting, and process optimization assistance to improve efficiency and simplify operations. Dynamic modeling was used for BioWin® calibration and optimization as well as steady state modeling with monthly average conditions. A number of process optimization alternatives were developed and evaluated. Dr. Lee served as the Lead Project Engineer and was responsible for the entire technical assignments, including BioWin® modeling development, calibration, process optimization, recommendations, and final report development.

BioWin® Modeling and Optimization for Ammonia Control, Gainesville, FL*

Project Engineer. Project entailed a technology evaluation and pilot study to reduce haloacetic acids (HAAs) and THMs in the GRU KWRFF effluent. It was found that a sequential chlorination was an effective alternative disinfection. As a part of this study, performed BNR process optimization study using BioWin® modeling to maintain 1-2 mg/L ammonia in the secondary effluent with aeration control. This was to induce chlorination as an alternative to the sequential chlorination to reduce HAAs and THMs. Dr. Lee served as the Project Engineer and was responsible for technology evaluations of BNR ammonia control and simultaneous nitrification and denitrification (SND), BioWin® modeling development, calibration, process optimization, and recommendations.

BioWin® Modeling and Optimization for Rockledge WWTP, Rockledge, FL*

Designer. Project entailed the creation of a BioWin® model configuration of the existing Rockledge WWTP to assess the plant's ability to treat for ammonia and nitrite to meet standards for an ASR system. As part of the project, flows and loads were developed from plant historical data, the process capacity assessment was conducted, and process optimization performed for the Eimco Carrousel® system to meet Primary and Secondary Drinking Water Standards and Groundwater Cleanup Target Levels. BioWin® modeling, process optimization, DO control with aerator speed adjustment, and other in-house modeling tools were used to enhance nutrient removal. Dr. Lee served as the Lead Engineer and was responsible for the entire technical assignments including BioWin® modeling development, calibration, capacity evaluation, process optimization, recommendations, and final report development.

*Experience from previous employer



Kathleen N. Gierok, PE

SENIOR PROJECT MANAGER

Project Assignment: Conservation and Reclaimed Water Engineer

Education

B.S., Environmental Engineering, University of Florida

Professional Registration

Florida

Experience

27 Years

Joined Firm

2017

Professional Affiliations

American Water Works Association – Florida (FLAWWA)

Florida Water Environment Association (FWEA)

Central Florida, Society of Women Engineers

Publications

Gierok, K.N., Chavez, M.F., McNeal, M.B., and Clasen, M.J., "Aquifer Storage and Recovery: Exploring a Real Solution for Reclaimed Water Supply Needs", Florida Water Resources Journal, September, 2015

Role Description and Experience Summary

Katie will assist the project team with issues associated with Water Conservation and Reclaimed Water. Katie is a licensed professional engineer with extensive experience in civil and environmental engineering including planning, permitting, design and construction administration and engineering. Her background includes planning, design and construction administration for public utilities including water, wastewater and reclaimed water pipeline and pump station facilities, utility coordination, water and wastewater treatment facilities, site work/earthwork facilities, community-wide utility improvements, grant funding and bond issues.

Relevant Project Experience

Demand Management (Conservation) Plan, PRWC, FL

Project Manager for Wright-Pierce as we work as a subconsultant in the development of a County-wide water conservation plan that will be used as the basis of water conservation plans for municipalities within Polk County. Work includes evaluating parcel-level data to determine characteristics by user-type and provide the basis for determining effective methods for water conservation.

Reclaimed Water Rapid Infiltration Basin, Haines City, FL*

Client service manager for the design, permitting and cooperative funding of a reclaimed water ground storage tank (GST), high service pumping station and rapid infiltration basin (RIB). The project included improvements to the city's reclaimed water system to increase system reliability, improve reclaimed water quality and reduce additional treatment requirements. The improvements included a 5.0 MG pre-stressed concrete GST, a 6.0 MGD AADF high service distribution system pump station and approximately 0.35-MGD RIB.

Rapid Infiltration Basin Rerate Study, Ocoee, FL*

Senior engineer for the re-rate study of the city's on-site A.D. Mims WWTF rapid infiltration basins (RIBs), including comparative groundwater modeling and field calibration (loading) of the RIBs.

Potable Water Distribution System Looping Study, Haines City, FL

Project manager for the preliminary evaluation of looping needs and locations; along with the submittal of a cooperative funding application to SWFWMD. The City periodically flushes water at these dead-end locations to maintain water quality. This process causes the loss of a valuable resource and increased production costs. The Southwest Florida Water Management District (SWFWMD) has a cooperative funding program in place to provide matching grants to utilities that implement conservation measures. The preliminary evaluation and report identified dead-end

or low-flow locations and systematically analyzed the improvements to the distribution system which improved the water pressure and quality in the system, provided conceptual level cost estimates for each identified improvement, and prioritized the improvements based on volume of water wasted and the cost-benefit of the improvement. The evaluation report provided a capital improvement program, segmented by year, to meet the City's expected budgets for the next five years, providing an affordable program for the City.

Development and Expansion of Water, Wastewater, and Reclaimed Water Programs, Ocoee, FL*

Program manager, coordinator, and client contact for the continuing improvement and expansion of city's programs. \$15 million of improvements were identified for utilities and roadway with a bond issue of \$10 million obtained for the completion of currently needed projects. Project included system-wide reclaimed and potable water piping, planning, permitting, design, and construction services. Reclaimed water services included pumping and piping facilities including the development of an interlocal agreement and funding for the development of a reclaimed disposal system for an existing 2.3-MGD and proposed 6.0-MGD buildout for wastewater treatment.

Wastewater Facility Plan Preparation for Marion Oaks, Silver Springs Shores, and Golden Ocala Service Areas, Marion County, FL*

Project manager for the master planning and evaluation of three wastewater service areas, including the development of expansion plans for three wastewater reclamation facilities based upon projected population growth and the cost to implement various alternatives. Population projections were developed based on land use and zoning data, available development data and the county's CIP. Reports were formatted to comply with FDEP's SRF program.

Reclaimed Water Master Plan, Winter Garden, FL*

Project manager for a 3-year comprehensive reclaimed water master planning tool, including \$57 million of specific improvements to complete a city-wide system, accommodating over 6 MGD of reclaimed water distribution and identifying over 100 separate improvement projects. Project assisted in City's compliance with SJRWMD and FDEP potable water permitting, as well as provided guidance with the expansion of the City's reclaimed water system on a year-by-year basis.

Re-use Feasibility Study and Update to Regional Re-Use Master Plan, Ocoee and Winter Garden, FL*

Project manager for study for the planning of a joint reuse system with interconnection between the cities of Ocoee and Winter Garden to identify and implement over \$20 million of improvements including the interconnection of the effluent disposal systems between these two cities – including shared reuse and wet weather storage facilities. The project included conjunction with the city of Ocoee's SJRWMD CUP, demonstrating the best use of the city's valuable resources.

*Experience from previous employer



Mark B. McNeal, PG

ASRUS CHIEF EXECUTIVE OFFICER

Project Assignment: Project Hydrogeologist

Education

B.S., Geological Engineering, Brigham Young University

Professional Registration

Florida

Experience

33 Years

Joined Firm

2006

Role Description and Experience Summary

Mark will serve in the role of Project Hydrogeologist. In that role Mark will assist our team in evaluations associated with aquifer recharge, aquifer storage and recovery, drinking water supply and indirect potable reuse. Mark has decades of experience in hydrogeologic investigations in Florida, including project management of ASR, deep well injection, reuse, and water supply projects; design and permitting, well construction inspection; data analysis; geophysical logging and interpretation; aquifer pumping test design and analysis; system startup; well rehabilitation activities, mechanical integrity testing, and operational cycle testing. He is well known with FDEP and EPA Region IV for unique approaches and strategies in UIC permitting.

Relevant Project Experience

Reclaimed Water ASR, Polk County, FL

Assisted the County with demonstrating feasibility of reclaimed water ASR at the Northwest WWTP. Due to the extended depth of fresh water at this site, the ASR system is designed to utilize the LFA to a depth of 2,944 ft, the deepest ASR well worldwide. Considerable hydrogeologic data were collected throughout the LFA. The ASR well was constructed under Mr. McNeal's direction. The County received FDEP authorization to begin cycle testing which began in October 2014.

SWFWMD Flatford Swamp, Manatee County, FL

Senior hydrogeologist and part of a team responsible for designing, permitting, and currently constructing a Class V injection well for the SWFWMD at Flatford Swamp in eastern Manatee County. The well is designed to store surface water with minimal to no treatment to help restore aquifer levels in the most impacted area of the Southern water-use caution area.

ASR System, West Palm Beach, FL

The City has the largest ASR well known to exist, with a capacity to store and recover up to 8 MGD. Assisted the city with re-activating this well and initiating cycle testing using untreated surface water using a WQCE. Cycle testing began July 2013. The WQCE Order waives the coliform standard in this well and allows the city to turn off its disinfection system prior to recharging the well. Cycle testing using untreated surface water began in August 2015.

Potable Water ASR and Aquifer Recharge, Bradenton, FL

ASRus is the prime consultant providing permitting, design, and construction services for the ASR expansion for the City at its Evers Reservoir WTP. Served as the senior hydrogeologist for this project which will expand the City's ASR program by up to three additional ASR wells and up to 6 MGD of additional capacity. Also prepared a feasibility



study for a Class V aquifer recharge well at its WWTF and assisted the City with SWFWMD cooperative funding for this well that is expected to begin construction in 2017.

Water District Reclaimed Water ASR, Englewood, FL

Involved in all aspects of EWD's ASR program, from inception to operational testing. Helped EWD receive the first operating permit issued in Florida for reuse ASR and accepted a national award from the WaterReuse Association on behalf of EWD.

Reclaimed Water ASR, Manatee County, FL

Senior hydrogeologist for a project to evaluate and implement a reclaimed water ASR program. Provided significant input into the permitting of the initial reclaimed water ASR well in the county. Continues to support the County's reclaimed water ASR program, recently assisting with permitting activities to resume cycle testing at this site.

Aquifer Recharge System, Hillsborough County, FL

Mr. McNeal has been actively working with the County since 1994. He represented the County in 1995 when approaching FDEP about storing the County's highly treated reclaimed water in a brackish aquifer. The outcome of this meeting resulted in aquifer recharge and ASR programs in Hillsborough County and throughout Florida. He has had active roles in the County's recharge projects including SHARP, SHARE, NHARP, and various reclaimed water ASR projects.

TAP and ASR, Tampa, FL

For the Tampa Augmentation Project (TAP), Mr. McNeal developed a concept to recharge into the Avon Park Fm and recover in a shallower zone up to 20 MGD of highly treated reclaimed water as an indirect potable reuse supply for the City. Currently leading the aquifer recharge portion of the feasibility study underway. Involved with the City's Rome Ave Park ASR program since 1989.

Central Water Production Facility, Polk County, FL

Part of a team responsible for designing, permitting, and constructing two Upper Floridan aquifer (UFA) and one Lower Floridan aquifer (LFA) water supply wells for Polk County Utilities. He came up with and helped to implement an innovative design that resulted in a dual-use LFA and UFA supply well that is capable of 2 MGD of freshwater supply from the UFA and approximately 1 MGD of brackish water supply from the LFA. The project also investigated the entire LFA for concentrate disposal opportunities.

Regional Water Cooperative Southeast Wellfield, Polk County, FL

Providing senior hydrogeological services for the PRWC Southeast Wellfield. The LFA is being investigated as a potential brackish water supply to serve municipalities and county customers throughout Polk County. Also tasked with helping to identify a concentrate disposal permeable interval in the lowermost permeable zone within the LFA at the initial test location.

3

Master Planning Experience

As demonstrated by the abridged experience tables in [Section 1](#), Wright-Pierce has developed utility master plans for dozens of communities throughout Florida and the Northeast. A majority of these efforts resulted in capital improvement plans (CIPs) that address the following six major components of a public utility systems' capital needs for 5-, 10-, 15-, and 20-year planning periods:

- Supplies
- Treatment
- Storage
- Pumping
- Transmission
- Water Quality

Tasks included the updating of hydraulic models; GIS mapping; inventory of distribution and collection systems; evaluation of treatment facilities; cost evaluations; and prioritizing of recommended improvements. The projects also included financing alternatives, presentations at public meetings, and the securing of regulatory approval.

A key element of CIPs involves developing a quantitative rating for all transmission mains and prioritizing their replacement. Wright-Pierce has developed a weighted criterion that uses pipe data including age, material, diameter, hydraulic operation, water quality, and break history to rank each segment of pipe. Replacement schedules and costs are developed for annual replacement programs along with potential funding methods.

Project Experience Summary

In the table below, we present a summary of the experience that each of the three primary firms offers to the proposed team, and we expand upon these summaries in the 15 case studies that are featured in the pages that follow. Led by Project Manager Chris Baggett, our team will work concertedly to leverage this experience toward a holistic Integrated Water Resources Master Plan that BLCCDD will be able to use for years to come.

Wright-Pierce	Liquid Solutions Group	ASRus
<ul style="list-style-type: none"> • Demand projections • Hydraulic modeling • Regulatory impacts • GIS updates • Facilities assessments • Capacity assessments • Budgeted CIP development • Final report 	<p>Services to be Provided</p> <ul style="list-style-type: none"> • Integration considerations • Water supply sources, options • Water supply resiliency, sustainability, and flexibility • Groundwater modeling 	<ul style="list-style-type: none"> • Mitigation options related to aquifer storage and recovery and aquifer recharge
<ul style="list-style-type: none"> • Apopka Utility Master Plans • UCF Water Master Plan • Citrus County Master Plans • Polk County Hydraulic Model • Orlando Hydraulic Models • Gloucester Master Plans • Somerset Master Plans 	<p>Corresponding Experience</p> <ul style="list-style-type: none"> • The Villages Integrated Water Resources (IWR) Master Plan • Orange County IWR Planning • Reedy Creek IWR Planning • STOPR Group Regional Water Resources Planning, Modeling • TWA IWR Permitting, Modeling 	<ul style="list-style-type: none"> • Bradenton Aquifer Storage and Recharge (ASR) Projects • Peace River Manasota Regional Water Supply Authority ASR Program • Manatee County Injection Well Program

Integrated Water Resources and Utility Master Plans

Apopka, FL



As part of a continuing services contract, Wright-Pierce updated the City's potable water, wastewater and reclaimed water systems master plans and created an Integrated Water Resources Master Plan (IWRP). The City produces approximately 8 MGD of potable water, collects 3.5 MGD of wastewater, and distributes 8 MGD of reclaimed water.

The existing hydraulic models were updated to reflect current infrastructure and demands and then project the demands over a 20-year planning window. Lift station drawdown tests and fire hydrant flow tests were performed combined with other data to validate the models. Future land use maps, DRIs and planned developments were incorporated into the future demand projection allocations. Using a prescribed level of service criteria, the models were evaluated under average and peak conditions. The recommended improvements necessary to meet the level of service criteria were catalogued by year and associated capital costs were applied. The final result is a 5-, 10-, 15- and 20-year Capital Improvement Plan for the proposed improvements.

In order to optimize the City's overall water use strategy, this project included a One Water evaluation of water supply options and demands. Regional options, interconnects, and expanding the use of reclaimed water, as both a direct exchange or a groundwater offset were evaluated. These strategies and total water solutions came together into this Integrated Water Resources Master Plan (IWRMP).

Client Contact

City of Apopka

748 E Cleveland St.
Apopka, FL 32703

Kevin Becotte, PE

Public Service Director
407.703.1701
kbecotte@apopka.net

Highlights

- Evaluate population and flow projections based on CUP
- Hydraulic modeling of separate yet interconnected systems for level of service and water quality
- Facilities operations and condition assessments
- Recommended improvements and construction costs
- Capital Improvements Plan
- Integrated Water Supply Plan

Completion Dates

2018 - 2019

Key Personnel

Greg Taylor, Christopher Baggett,
Dennis Davis, Benjamin Yoakum, Jeff
Normandin, Rick Davee

In order to better optimize the City's overall water use strategy, Wright-Pierce applied a "One Water" evaluation framework.

Development of a calibrated wastewater collection system model was a critical success factor for this project. Faced with mounting requests from developers, the City required reliable tools to assess future needs. The City now has a prioritized CIP to guide future improvements.

UCF Potable Water System Master Plan

Orlando, Florida



The University of Central Florida (UCF) owns and operates a potable water system that provides drinking water for approximately 75,000 students and staff; supplies fire protection; and cools the chilled water system that air conditions the University's buildings. The water treatment system consists of a water treatment plant, ground storage tank, elevated potable water storage tank, distribution mains, service lines, meters and fire hydrants. During emergencies or scheduled maintenance events, UCF can receive potable water through a backflow protected and metered interconnect with Orange County Utilities.

Wright-Pierce was hired to evaluate the potable water system including: utilize GIS to create a hydraulic model of the distribution system; analyze flow data for individual buildings to generate diurnal patterns; site assessments of water infrastructure; hydrant flow testing for model calibration; analyze trends in raw and finished water quality data for the last 10 years; perform a distribution system tracer study to develop a water quality model; develop a phased Capital Improvements Plan for upgrades to the system over 5-, 10- and 20-year periods. Wright-Pierce performed field testing that consisted of fire flow testing, lift station draw down testing and water quality testing without any complaints from students or faculty.

Since completing this project UCF has since hired Wright-Pierce to be their utility systems program manager, managing their water, wastewater, reclaimed water, natural gas and chilled water systems.

Client Contact

University of Central Florida
3528 North Perseus Loop
Orlando, FL 32816

Gary Rudolph

Associate Director, Utility Operations
407.912.2216
gary.rudolph@ucf.edu

Highlights

- Hydraulic modeling
- Site assessments of vertical infrastructure
- Hydrant flow testing
- Water Quality testing analysis
- Master planning efforts and updates
- Geographical Information System analytics
- Evaluating growth and new service impacts

Completion Dates

June 2020

Key Personnel

Greg Taylor, Chris Baggett, Saheb Mansour-Rezaei, Ben Yoakum, Hannah Dawley, Molly Dolan

Field assessments for hydrant flow testing and a unique distribution tracer study yielded a water quality model to guide the operation optimization and the Capital Improvements Plan.

Wastewater and Water Master Plans

Citrus County, Florida



Wright-Pierce was selected by Citrus County to perform a major sewer infrastructure study. The Wastewater Master Plan evaluates how to eliminate or upgrade the 47,000+ septic systems within the County and the required infrastructure to accomplish this goal.

The project developed a county wide plan to reduce nitrogen loading to the groundwater through the elimination of or upgrading of septic systems. Project includes: development of a communications plan to educate the public about the issue and to obtain their opinions of the plan; develop a nitrogen loading analysis that quantifies the amount of nitrogen reduction the plan will provide; development of a County wide wastewater system hydraulic model for use in assessing needed infrastructure; condition assessment of existing wastewater infrastructure to identify needed upgrades to accommodate new flows; development of a Capital Improvements Plan (CIP); development of a project financing plan; and presentations to the Board of County Commissioners for intermediate milestone guidance and final approval.

The County has also hired Wright-Pierce to develop a county wide potable water plan with the goal of identifying the infrastructure needed to provide water services to those parcels that get sewer service. The project includes development of a hydraulic model to assess the timing of the system needs and to properly size system components and the development of a CIP for the proposed improvements.

Client Contact

Citrus County

3600 West Sovereign Path
Lecanto, FL 34461

Christina Malmberg, PE

Utility Planning & Engineering Director
352.527.7617
christina.malmberg@citrusbocc.com

Highlights

- Document review, data collection
- Level of service development
- Development of wastewater hydraulic model including multiple modeling scenarios
- Master plan development
- Septic to sewer master plan
- Geographical Information System (GIS) analytics
- Evaluating growth and new service impacts
- Development of 5-, 10-, 15- and 20-year CIP with financial assessment
- Field work verification
- Field work to perform pump station draw down tests for model calibration

Completion Dates

Wastewater MP: 2020

Water MP: 2021

Key Personnel

Chris Baggett, Larry Neal, Saheb Mansour-Rezaei, Amanda Ziegler, Mike Giggey, Jeff Normandin, Dennis Davis, Steve Hallowell

Wright-Pierce is providing engineering services for the master planning and design of physical infrastructure that will eliminate thousands of septic systems throughout the County.

NERUSA Potable Water Dynamic Hydraulic Model

Polk County, Florida



Polk County Utilities (PCU) owns and operates potable water facilities within its Northeast Regional Utility Service Area (NERUSA). The NERUSA encompasses approximately 72 square miles and extends north and south along US 27 and extends eastward from US 27 along CR 54 to the Osceola County line. The NERUSA water system currently consists of nine water production facilities (WPFs), one booster pumping station, and over 295 miles of PVC and ductile iron water mains ranging in size from 2-inch to 36-inch in diameter.

PCU had developed a steady-state model of the NERUSA water system (Model) using WaterGEMS®. Through a continuing services contract, PCU tasked Wright-Pierce with upgrading the Model to be capable of performing extended period simulations (EPSs), referred to as a dynamic running model, to allow for future assessment of development-related demands and impacts on the overall system. The Wright-Pierce team is providing the following services:

- Water system demand development and assignment summarized in a technical memorandum
- Using GIS and field data, review and update of the 2016 hydraulic model to include new piping layouts and diameters; elevations; detailed representation of each WPF and booster pump station
- Field testing and model calibration, which entails data logging system pressures, performance verification, and flow tests

Client Contact

Polk County Utilities

1101 Jim Keene Blvd
Winter Haven, FL 33880

Mark Addison, PE

Capital Projects Manager
863.298.4214
markaddison@polk-county.net

Highlights

- Approximately 72 square mile area
- Model consisted of 9 WPFs, 295 miles of water mains, and a booster pump station
- WaterGEMS modeling update
- Field verification of actual performance
- Development of an extended period simulation model to be used by PCU for future assessments

Completion Dates

October 2020

Key Personnel

Chris Baggett, Saheb Mansour-Rezaei,
Hye Kwag, Larry Neal

The development of this Extended Period Simulation model will allow Polk County to more accurately assess its infrastructure and better time its needs and sizing.

Conserv II Sub-Areas 1 and 2 Hydraulic Modeling

Orlando, Florida



As a result of expected growth and major developments within the Packing District Opportunity Zone, Bay Lake Preserve, and other areas, the City selected Wright-Pierce to develop a hydraulic model of the Conserv II Water Reclamation Facility (WRF) Sub-Areas 1 and 2 and associated lift stations. The model, developed using InfoSWMM software, will be used to assess the performance of a proposed system and to develop a list of recommended improvements and cost estimates based on the modeling.

We reviewed information including pump curves, model numbers, runtime data, digital elevation models, and GIS shapefiles for approximately 15 existing public lift stations and several more that are privately owned. Field verification of hydraulic conditions consisted of pressure gauge installations, drawdown tests, and flow flow monitoring.

Using the data provided and collected from field verification efforts, our team created a hydraulic model capable of estimating maximum day and peak hour flows for each lift station; representing existing performance with accuracy; projecting future flow conditions; and incorporating improvements to the proposed system.

We then developed a list of proposed improvements needed to accommodate the future redevelopment of these areas. The final memo included cost estimates for each of the recommended improvements. The City is incorporating these improvements into their Capital Improvement Plan budget.

Client Contact

City of Orlando Public Works
5100 L.B. McLeod Road
Orlando, FL 32811

Chuck Shultz, PE

Assistant Division Manager
407.246.2658
charles.shultz@cityoforlando.net

Highlights

- Model development using InfoSWMM software
- Incorporated data from 14 existing pump stations, one station not yet constructed, and several more that are privately owned
- Model's total area includes 97 acres of mixed-use and residential land; 105 acres of regional park; 3,500 projected residential units; and approximately 150 acres of additional development

Completion Dates

August 2020

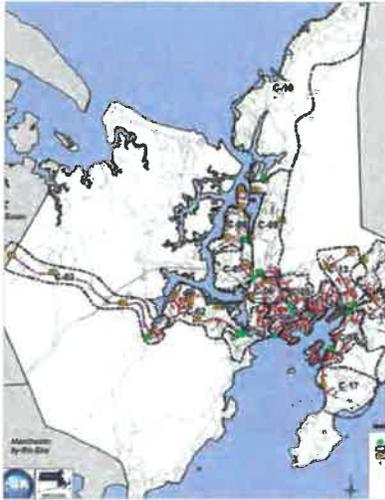
Key Personnel

Steve Hallowell, Bartt Booz, Eben Spalding, Saheb Mansour-Rezaei, Chris Baggett, Ed Leonard, Dylan Atkins, Christine Manderson, Greg Taylor

The hydraulic model developed as part of this project was used to identify improvements needed so that a major redevelopment can take place in an economic Opportunity Zone.

Utility Master Plan and Asset Management

Gloucester, Massachusetts



To comply with a myriad of water quality regulatory requirements, and to be proactive in addressing wastewater and stormwater infrastructure upgrades, the City of Gloucester retained Wright-Pierce to assist in the development of a comprehensive asset management master plan.

Wright-Pierce is working with the City on a 3-year utility master plan that includes the following:

- GIS mapping assistance
- Prioritization of wastewater and stormwater assets based on a criticality analysis (PACP risk-based management)
- Sewer system assessment work
- Pump station evaluations
- Siphon and force main evaluations
- Review and completion of the CMOM self-assessment checklist
- Asset management planning

The utility master plan includes a detailed schedule of recommended needs including sewer rehabilitation, training, and modifications to emergency preparedness. The City is updating its GIS through Applied Geographics and expanding its use of *Utility Cloud* for asset management. The final plan will be incorporated into the City's GIS data and *Utility Cloud* for the City to utilize for implementing or updating the plan.

Client Contact

City of Gloucester
28 Poplar Street
Gloucester, MA 01930

Michael Hale, AICP
Director of Public Works
978.325.5600
mhale@gloucester-ma.gov

Highlights

- System-wide planning
- Multi-department workshops for collaboration
- Asset management through use of Utility Cloud
- SRF funding

Completion Dates

Condition Assessments & SSES: 2019
Asset Management Planning: Ongoing

Key Personnel

Laurie Perkins, Kevin Olson,
Lindsey Sylvester, Ryan Bodnaruk,
Ryan Wingard, Jeff Normandin

Integrated Water Resources Management Plan

Somerset, Massachusetts



The Town of Somerset is facing a number of near and longer-term water, wastewater, and stormwater challenges and made the decision to combine these three focus areas into one complete and integrated plan for the future. The Integrated Water Resources Management Plan (IWRMP) included the development of a Drinking Water Management Plan (DWMP); Comprehensive Wastewater Management Plan (CWMP); and a Comprehensive Stormwater Management Plan (CSWMP).

For the Town’s water infrastructure, the program included an inventory of all transmission, distribution, well supply, treatment, and storage assets in the system; a condition assessment of each asset; revision of the Town’s hydraulic model to reflect piping improvements completed in the past 10 years; demand projections; and identification of future water main replacement projects. For the Town’s wastewater infrastructure, the program included assessment of the Water Pollution Control Facility (WPCF), collection system, and pump stations. The Town awaits receipt of its draft NPDES permit which will include a strict numerical total nitrogen limit. In addition, the WPCF is aging and in need of various other improvements.

For the Town’s stormwater infrastructure, the program included assessment of all storm drains and culverts. The CSWMP includes mapping updates and a summary of the condition of the existing stormwater, drainage and outfall systems and recommendations to further investigate and improvements.

Client Contact

Town of Somerset
3249 County Street
Somerset, MA 02726

Robert Bozikowski
Superintendent of Water & Sewer
508.674.4215
rbozikowski@gmail.com

Highlights

- Performed comprehensive assessment and evaluation of all water, wastewater, and stormwater assets
- Detailed 5-10-year plan developed to prioritize the upgrade/repair of Town assets
- Performed a detailed cost analysis
- Presented the plan at a Public Information Meeting

Completion Dates

2020

Key Personnel

Kevin Olson, Peter Quern,
Jacob Ducharme, Adam Higgins,
Anthony D’Amelio, Edwin Castilla-
Rodriguez, Christine Manderson, Tom
Simbro, Doug Hankins

This project included multi-dimensional technical, regulatory, jurisdictional, public approval, policy, and financial considerations for water, wastewater, and stormwater assets. The resulting IWRMP lays out an approvable, measurable path forward for the Town of Somerset.

Integrated Water Resources Plan

The Villages, Florida



LSG is one of the water resource engineering firms supporting the various utility companies owned by The Villages, a Community Development District, with integrated water resources planning for new developments in Sumter and Lake Counties. As part of these services, LSG assisted with developing: wastewater and irrigation water demand projections for 16 new mixed-use developments (almost 19,000 dwelling units); planning of the irrigation water system which consists of extensive multi-purpose stormwater management/supply and reclaimed water storage ponds (augmented with groundwater) used to meet all irrigation demands within the developments (6.3 MGD AADF); reclaimed water balance modeling to determine the wet-weather management and storage needs of the system; and FDEP wastewater permitting for the wastewater treatment and reuse system.

LSG also assisted with the potable water and irrigation water supplemental supply planning and water use permitting for two developments (almost 4,000 dwelling units) including groundwater flow modeling using the SWFWMD's and SJRWMD's Northern District groundwater flow model. The potable water system utilizes groundwater from the UFA, and the irrigation supplemental supply system utilizes stormwater, reclaimed water, and groundwater from the LFA. The result of these projects was to successfully secure water use, wastewater, and reclaimed water permits for significant new developments in north central Florida.

Client Contact

The Villages

984 Old Mill Run
The Villages, FL 32162

John "Trey" Arnett, PE

President
352.753.4747
Trey.Arnett@arnettenvironmental.com

Highlights

- Project with a CDD
- Obtained SJRWMD CUP for potable water from UFA (0.4 MGD)
- Obtained SJRWMD CUP for irrigation demands met with stormwater, reclaimed water, and LFA groundwater (0.381 MGD)
- Renewing two existing SWFWMD WUPs (4.81 MGD of groundwater and 0.915 MGD of stormwater and groundwater)
- Performed groundwater flow modeling including SWFWMD NDM and DWRM models and SJRWMD ECF model
- Obtained 3 FDEP wastewater permits for reuse system expansions
- Developed water balance model to determine reclaimed water wet-weather management needs
- Performed reclaimed water retrofitting feasibility assessment

Completion Dates

2017 – Present

Key Personnel

Rob Denis, Brian Megic

The Villages is comprised of almost 20 Community Development Districts that provide utility service to over 125,000 people. Our Integrated Water Resources Planning efforts has allowed The Villages to continue their development by ensuring adequate water supply.

Integrated Water Resources Planning

Orange County, Florida



LSG staff have served as water resources engineers on OCU's integrated water resources continuing engineering contracts (i.e., Water Resources Program and Integrated Water Resources Project) since 2002. Under these contracts, specific planning, permitting, and design projects were implemented to integrate existing and potential future water supply sources, water resource management strategies such as aquifer recharge and storage, and demand management such as conservation to develop a system-wide approach to prioritizing and solving the future water resources challenges facing Orange County.

A critical project implemented under these continuing contracts was the development of the Integrated Resources Plan (IRP), which documented a flexible framework of alternatives for future water supply sources and facility development. The IRP incorporates plans for the efficient use of multiple water supply sources, including groundwater, reclaimed water, stormwater, and surface water, with demand management techniques such as water conservation. The IRP process included evaluating future needs; identifying source alternatives; developing planning-level suites of projects to satisfy the source alternatives; performing technical (including modeling), environmental, and economic analyses of projects; ranking project suites; and developing the recommended plan. The project produced a roadmap for OCU to meet projected potable and non-potable water demands for a 20-year horizon through groundwater (fresh and brackish), reclaimed water (reuse and recharge), conservation, stormwater, and surface water.

Client Contact

Orange County Utilities

9150 Curry Ford Road
Orlando, FL 32825

Teresa Remudo, PE

Deputy Director
407.254.9801
Teresa.Remudo-Fries@ocfl.net

Highlights

- Developed an Integrated Resources Plan to identify water sources and demand management techniques to meet projected water needs (over 100-MGD) for a 20-year horizon
- Performed numerical modeling to determine available groundwater, stormwater, and surface water supplies
- Evaluated the impact of existing and proposed MFLs
- Developed, modeled, permitted, and designed specific recharge mitigation projects to increase fresh groundwater supplies
- Linked permitting and modeling to required infrastructure capacity to determine the right size and right time of CIP projects

Completion Dates

2002 – Present

Key Personnel

Rob Denis, Brian Megic

Successfully developed a flexible approach to solving the future water resources challenges facing Orange County that has supported the County maintaining their existing fresh groundwater allocations through conservation, reclaimed water system expansion, and impact avoidance and recharge mitigation projects while providing a roadmap for future alternative water supplies.

Integrated Water Resources Planning

Reedy Creek, Florida



LSG staff provided water resources planning and conceptual design services to evaluate potential water supply sources available to augment Bay Lake during below average rainfall conditions when low lake stage impedes transportation via ferry.

The potential water supply sources evaluated include Upper Floridan aquifer groundwater, Lower Floridan aquifer groundwater, reclaimed water, and stormwater/surface water from nearby canals and lakes. The source evaluation included an assessment of the potential yield and water quality of the various supply sources and the development of a numerical water balance model to determine how these augmentation sources would affect the stage and quality of Bay Lake. A regulatory evaluation was performed to determine the treatment that would be required for each source option. Water treatment alternatives were identified to meet the appropriate regulatory requirements.

Based on the assessment of available supply, water quality, and regulatory requirements, LSG developed conceptual engineering layouts to utilize each potential source option to augment Bay Lake. An alternatives analysis was then performed that evaluated the ability of each source to meet the stage and water quality requirements of Bay Lake and cost and non-cost technical factors such as permissibility and public perception for each source alternative. The alternatives analysis was used to develop a recommended plan for augmenting Bay Lake.

Client Contact

Reedy Creek Improvement Dist.
1900 Hotel Plaza Blvd.
Lake Buena Vista, FL 32830

Jason Herrick, PE

Manager, Planning and Engineering
407.824.4759
jason.d.herrick@disney.com

Highlights

- Yield and water quality evaluation of supply source options to maintain drought stages in Bay Lake
- Performed regulatory review, including identification of water quality requirements
- Identified treatment options to meet source option water quality requirements, including unique nutrient removal options
- Developed water balance model of lake to evaluate stage and water quality requirements
- Developed conception engineering layouts and evaluated cost and non-cost factors of source options
- Developed recommended plan of options to augment lake

Completion Dates

2015

Key Personnel

Rob Denis, Brian Megic

Developed a flexible plan to implement supply sources to augment Bay Lake considering complex regulatory requirements under budget and on time given a compressed schedule driven by the upcoming drought season that was anticipated to adversely impact transportation within the District.

Regional Water Resources Planning & Modeling

Seminole, Orange, Osceola, Polk, & Lake Counties, Florida



LSG represented the St. Cloud-Toho Water Authority-Orange County-Polk County-Reedy Creek Improvement District (STOPR) Group throughout the 2015 and 2020 Central Florida Water Initiative (CFWI) Regional Water Supply Plan (RWSP) development processes.

LSG staff actively participated in the Hydrologic Analysis Team (HAT), Groundwater Availability Team (GAT), Water Resource Assessment Team (WRAT), Conservation Sub-team, and RWSP Team on behalf of the STOPR Group, and the Minimum Flows and Levels and Reservations Team (MFLRT) and Reclaimed Water Sub-team on behalf of Orange County Utilities.

As part of these services, LSG staff were actively involved with the three water management districts in the development of the East-Central Florida Transient (ECFT) groundwater flow model and the ECFT-Expanded (ECFT-X) regional transient groundwater flow models, the use of the models to evaluate specific MFLs and reservations in the region, and with the interpretation and evaluation of the results of the groundwater flow modeling and impact evaluation results to estimate the sustainable yield of fresh groundwater resources in the region. The result of this project was the development of two RWSPs that applied sound science through groundwater flow modeling and impact evaluations and integrated the plans and interests of public supply utilities and other stakeholders.

Client Contact

STOPR Group

Conglomerate of Central Florida Utilities

Todd Swingle, PE

Director – Toho Water Authority
407.944.5131
tswingle@tohowater.com

Highlights

- The CFWI was an extensive five-year process where three WMDs worked collaboratively with the FDEP, FDACS, public supply utilities, agriculture, and other stakeholders to develop a RWSP for east-central Florida
- The CFWI process resulted in the development of a transient groundwater flow model and 20-year RWSP for the region in 2015 and 2020
- Reclaimed water planning on behalf of 100+ MGD utility
- Participated in the collaboration of a regional transient groundwater flow model of central Florida
- Developed methods to evaluate MFLs based on District-specific local models and methods and the regional transient groundwater flow model

Completion Dates

2010 – Present

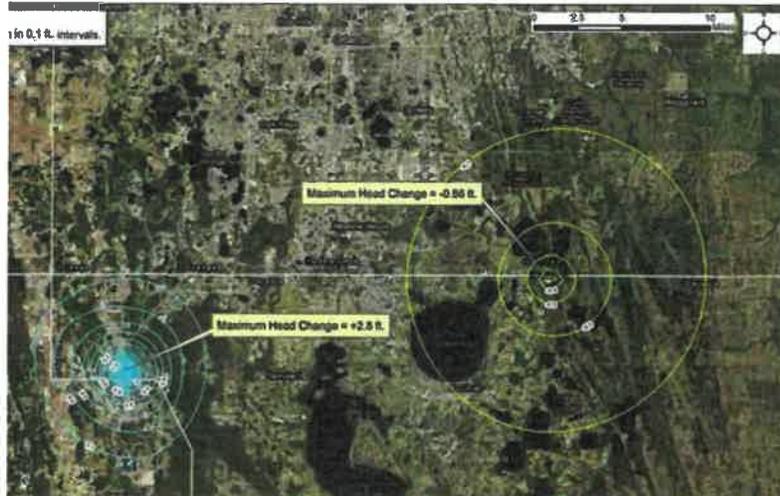
Key Personnel

Rob Denis, Brian Megic

Provided advocacy and technical expertise on behalf of public supply utilities in the development of the regional groundwater flow model, impact evaluation methods, and water supply planning applied to develop a joint WMD RWSPs for the central Florida region.

Integrated Water Resources Permitting & Modeling

Kissimmee, Florida



LSG staff provided integrated water resources planning and groundwater flow modeling services in support of a SFWMD WUP for 2 MGD of groundwater from the Upper Floridan aquifer on behalf of the Toho Water Authority (TWA) to serve potable water to the Northeast District (NED); a new mixed-use development in Osceola County.

Integrated water resources planning services included developing projections that directly linked the effect of reclaimed water irrigation on potable water demand per capita, and on supplemental supply and reclaimed water wet-weather management needs via new RIBs.

The groundwater flow modeling was performed using a regional transient groundwater flow and included new groundwater withdrawals and reclaimed water application via irrigation and RIBs. Being located in a resource limited area, the permit and groundwater flow modeling also included the implementation of a proposed substitution credit which involved TWA extending reclaimed water service to a large golf resort located in an area of sensitive water resource constraints to reduce that permittee's existing groundwater use by 2 MGD.

The modeling successfully demonstrated that reducing groundwater withdrawals at the existing golf resort would offset the potential effect of the proposed 2 MGD withdrawal for the NED at water resource constraints in the region such as wetlands and MFLs.

Client Contact

Toho Water Authority
951 MLK Jr. Blvd.
Kissimmee, FL 34741

Robert Pelham, PE
Director of Engineering Services
407.944.5000
RPelham@tohowater.com

Highlights

- Developed projections that linked potable water demand, wastewater flow, and reclaimed water irrigation demand
- Determined spatial distribution of reuse irrigation application
- Determined magnitude and variability of reclaimed water recharge applied to RIBs for wet-weather management
- Performed regional transient groundwater flow modeling in support of WUP application
- Performed WUP impact assessment of wetlands, MFLs, saline groundwater intrusion
- WUP leveraged substitution credit by extending TWA reclaimed water service to retire a golf resort's groundwater use to offset TWA withdrawals

Completion Dates

2018 – 2019

Key Personnel

Rob Denis, Brian Megic

This project involved the application and modeling of a substitution credit to offset the effects of increased TWA groundwater withdrawals. Groundwater offsets applying similar mitigative measures such as reclaimed water land application could be implemented by BLCCDD to increase future available groundwater supplies.

Aquifer Storage & Recharge Projects

Bradenton, Florida



For the City of Bradenton, ASRus evaluated two aquifer storage recovery (ASR) sites that would serve the public water supply needs of the City of Bradenton. The program was conducted in three phases. Phase One included a feasibility assessment, conceptual design, and initial permitting for the two wells. Phase Two consisted of final design, construction, ASR cycle testing, final report preparation, supplemental permitting, and start-up assistance. Phase 3 includes ongoing cycle testing.

The two ASR sites included in Phases One and Two are the City's Water Treatment Plant (WTP), at which treated surface water would be stored, and the City's Ground Storage Reservoir and High Service Pumping Station (HSPS), at which potable drinking water would be stored. The project objectives were as follows:

ASRus was the prime consultant that oversaw the siting, permitting, design, construction, and startup of a 2 mgd ASR system at the Evers Reservoir. ASRus continues to provide cycle testing and permitting assistance for this successful ASR program. Initial cycle testing has been favorable, and the dissolved oxygen removal system installed has successfully managed geochemical responses at this ASR facility. ASRus is also assisting the City with an aquifer recharge well at its WWTP.

Client Contact

City of Bradenton
1411 9th Street West
Bradenton, FL 34205

Jim McLellan, PE

Public Works and Utilities Director
941.708.6300 ext. 235
Jim.mclellan@cityofbradenton.com

Highlights

- Evaluation of ASR to serve public water supply needs
- Evaluated both surface water ASR and potable water ASR
- Demonstrates the feasibility of ASR for the City of Bradenton
- Provides seasonal storage and recovery of water to augment dry season demands from the Bill Evers Reservoir
- Provides wet year long-term storage to be recovered during drought
- Provides emergency storage to augment supply when diversion of raw water is inadequate or unavailable
- Increases the period that flow occurs over the John Ward dam, thereby reducing the environmental effects of streamflow diversions from the Braden River

Completion Dates

Phase 1: 2014

Phase 2: 2019

Phase 3: Ongoing

Key Personnel

Mark McNeal, Pete Larkin

As BLCCDD looks towards the development of its IWRMP ASR may provide a great opportunity for developing a sustainable and resilient water supply.

Regional Water Supply Authority ASR Program

DeSoto County, Florida



Mark McNeal has been actively involved with the Peace River ASR System since about 1990. Mark prepared a report analyzing the operational history of the Authority's 9-well ASR system. The report was used to help the Authority prepare for expansion of their ASR program, which is currently the largest in the eastern United States. He has also provided technical and permitting support on a deep, high capacity (3 mgd) test ASR well. He was also PM for installation of an additional 13 monitoring wells to better understand the geochemical reactions that occur during ASR operations.

ASRus is under contract to continue providing senior hydrogeologic services to the Authority. Representative projects for the Authority include evaluating the hydraulic capacity of ASR Wellfield 1, installing three emergency supply wells for use during drought events, and preparing the Groundwater Monitoring Program for the Authority's 6-billion-gallon reservoir, including installation of nine additional water table monitoring wells. ASRus assisted the Authority with significantly reducing future wetland monitoring near WF2 by demonstrating the relationship between groundwater and surface water at the site. ASRus was also part of a team that petitioned FDEP to waive arsenic as a standard at the site. Obtaining this variance allowed the Authority to apply for and receive an Operation Permit for its two ASR wellfields. ASRus is most recently assisting the Authority with permitting activities to reduce the level of treatment necessary in the recharge water.

Client Contact

Peace River Manasota Regional Water Supply Authority
6311 Atrium Dr., Suite 100
Bradenton, FL 34202

Patrick Lehman, PE

Executive Director
941.316.1776
plehman@regionalwater.org

Highlights

- Largest ASR program in eastern United States
- Worked on system since 1990
- ASR has helped develop a more resilient water supply
- System includes 21 ASR wells

Completion Dates

Ongoing

Key Personnel

Mark McNeal, Pete Larkin

With ASRus as part of the Wright-Pierce team, BLCCDD will recognize the benefit of working with the State's leader in ASR, Mark McNeal, in the development of integrated water resources options to economically provide a sustainable water supply through buildout.

North WRF Class I Injection Well Program

Manatee County, Florida



Manatee County has wet-weather management challenges at its North Water Reclamation Facility (WRF). ASRus, LLC, as a subconsultant has worked closely with Manatee County to develop an Underground Injection Control (UIC) program to better manage these flows. Initially, two Class V Aquifer Recharge (AR) wells were permitted in the Port Manatee area to recharge the Upper Floridan aquifer (UFA). This project was considered to be a logical project to assist with the recovery of the water levels in the UFA within the SWUCA Most Impacted Area (MIA). However, SWFWMD funding was not obtained, and locating the wells on Port property became complicated. This caused the County to explore other options to manage wet- weather flows in this area.

ASRus proposed a series of three deep injection wells in this area to manage wastewater flows. Since the UFA is too fresh at the WRF, the Lower Floridan aquifer (LFA) was proposed and a permit application submitted to FDEP. Two of the three wells were designed for municipal wastewater disposal, and the third DIW is designed to inject both municipal wastewater and industrial wastewater. Construction activities for these wells were completed with ASRus oversight and the injection wells are expected to come online in 2020. Only two of the three wells were needed as injection capacity was determined to be adequate to meet its needs. ASRus is contracted to assist with this injection well program throughout the operational testing activities.

Client Contact

Manatee County Utilities

4410 66th Street West
Bradenton, FL 34210

Jeff Goodwin

Wastewater Division Manager
941.792.8811 ext. 5235
Jeff.goodwin@mymanatee.com

Highlights

- Two deep injection wells used for the holistic management of treated effluent
- Dual-use well provides utility with operational flexibility
- Use of the LFA for injection where UFA is too fresh.

Completion Dates

Ongoing

Key Personnel

Mark McNeal, Pete Larkin

While ASR is not a solution for every community AR may be a more realistic goal to assist with the recovery of water levels in the UFA thus enable additional withdraws for potable water use.

4

Financial Stability

Wright-Pierce has been consistently profitable and manages its finances conservatively. We do not carry debt, and we have never filed for bankruptcy. Though we are affected by U.S. financial trends because our municipal clients are affected by them, we have policies and practices in place to ensure we maintain our business despite the economic climate.

Wright-Pierce has been recognized by the industry for strong growth and business operations. We have been included in ENR magazine's Top 500 design firms and their Top 200 environmental design firms in the country for several years. PSMJ, a firm dedicated to the marketing and development of A/E firms worldwide, selected Wright-Pierce for their "Circle of Excellence Award" for multiple years after assessing 12 benchmarks for operations, management, financial performance and sustainability. These awards speak to our company's growth and financial stability.

Insurance

Wright-Pierce maintains professional insurance in the amount of \$5M per claim and \$5M per aggregate with Lexington Insurance Company. We have worked with Ames & Gough, a recognized leading professional insurance agent, for many years. Our main contact is Brett Gough, who can be reached at (617) 328-6555 or bgough@amesgough.com. Proof of insurance may be provided upon the BLCCDD's request.

Bank References

We enjoy strong relationships with our bank, Camden National, and accounting firm, Berry, Dunn, McNeil & Parker, which conducts annual reviews of our financial statements. Please contact our references as needed:

Mr. John C. Everett

Senior Vice President
Camden National Bank
2 Canal Plaza
Portland, ME 04101
207.518.5683
jeverett@camdennational.com

Ms. Linda L. Roberts, CPA

Principal
Berry, Dunn, McNeil & Parker
100 Middle Street
Portland, ME 04104
207.541.2281
lroberts@bdmp.com

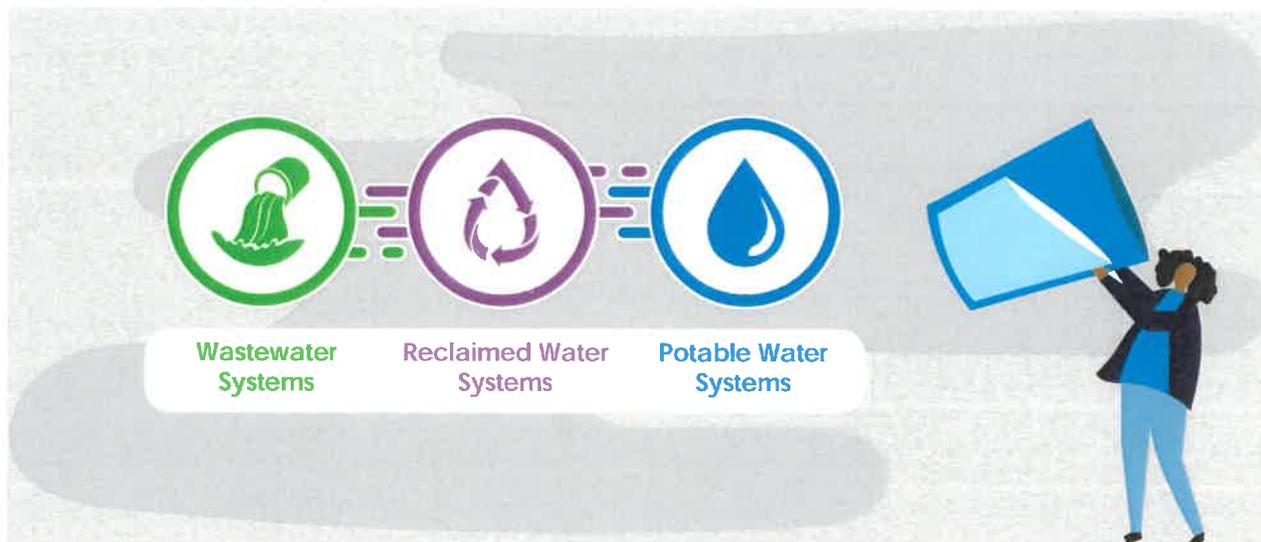
Litigation

The construction industry can be a litigious environment, particularly when dealing with hundreds of millions of dollars per year in complex municipal infrastructure construction projects as Wright-Pierce does. **That said, Wright-Pierce has never had any contract or subcontract terminated in its 73-year history.**

Indeed, our claims track record over the past 30 years has been exceptional. From 2010 to 2020, we provided approximately \$350 million in engineering services for hundreds of clients on thousands of projects with a combined value approaching \$2 billion. Within the last five years, we have been involved in two claims.

- **Status: Settled.** Wright-Pierce, along with two contractors and one other engineer, were notified by the City Rochester, NH, of a claim over a water tank that developed a leak in the steel floor plates in 2011. The tank was designed and constructed by others decades ago. Wright-Pierce coordinated a 2009 project that included the painting of the tank and the installation of a tank mixing system. In 2018, Wright-Pierce settled our role in the claim with the City of Rochester under terms acceptable to all parties that resulted in the dismissal of the lawsuit. The water tank remains in service, we have a good relationship with the City and continue to work for the City on other infrastructure projects.
- **Status: Ongoing.** In 2019, Wright-Pierce was named in a third-party claim by Ovivo, the manufacturer of equipment that failed on an upgrade to an existing biosolids digester at the Danbury, CT wastewater treatment plant. Ovivo designed and supplied the equipment that failed and were sued by the Contract Operator, Veolia. Wright-Pierce had assisted Veolia with coordination of the upgrade. Wright-Pierce is currently in the process of responding to this third-party claim. Wright-Pierce maintains a good relationship with the City of Danbury and Veolia and continues to work on wastewater projects for them.

5



Project Understanding

The success of BLCCDD’s IWRMP project hinges on a thorough understanding of key issues, clear objectives, and a holistic plan that marries the two. With this in mind, Wright-Pierce, LSG, and ASRus have tailored our approach to achieve a successful project outcome, which can be measured by the following criteria:

- Development of a sustainable, resilient, and flexible water supply
- Development of hydraulic models that accurately replicate existing conditions
- Development of a prioritized infrastructure program that appropriately times and sizes the improvements to minimize capital outlays

Completed Studies

BLCCDD has developed hydraulic models and supporting studies. Understanding this information will assist in the implementation of a successful project.



Differentiator: Key members of our project team—Project Manager Chris Baggett, Wastewater Treatment Lead Don Lee, and Wastewater Collection System Lead Don McCullers—have all played significant roles in the development of various models and other major infrastructure projects for BLCCDD.

Key Design Elements

We have identified the below design elements that are key to the project’s successful implementation.

- Data management
- GIS update
- Hydraulic modeling
- Hydrologic modeling
- Water supply options
- Demand projections
- Mitigation options
- Regulatory issues
- Conservation
- Alternative water
- Condition assessments



Differentiator: Our team includes experts in each of these areas as well as a proven Project Manager in Chris Baggett, who has successfully implemented similarly challenging projects for BLCCDD. They will provide valuable leadership to assist with realizing the project’s critical success factors.

Effect on Community

This project will have a positive effect on the community by providing a more resilient water supply, which will improve the overall livability for OTOW residents. This will depend, in part, on achieving a lower per capita water use. However, OTOW and BLCCDD have experienced challenges in the past regarding public perception of conservation.



Differentiator: The Valerin Group, a local public communications company, is a subconsultant on our team. Should BLCCDD desire, we can engage Valerin in a campaign to educate residents on the reasons for and means to achieving water conservation. This value-added service would greatly assist with future WUP application efforts.

Key Issues

Our three key issues are informed by our discussions with BLCCDD staff in anticipation of this RFQ. These key issues must be addressed to provide the BLCCDD an implementable and affordable framework.

Resilient Water Supply

This IWRMP will extend well beyond the timeframe of BLCCDD’s newest WUP. Therefore, it will serve as a roadmap until final buildouts of OTOW developments. A plan of this magnitude requires a thorough understanding of all short- and long-term water supply solutions as well as their ability to effect resilient and flexible systems.

Key Consideration

Evaluation of commonplace and innovative approaches to water supply should be considered in this holistic approach to water supply development. These include off set credits; aquifer storage and recovery (ASR); aquifer recharge (AR), rapid infiltration basins (RIBs); direct potable reuse (DPR); indirect potable reuse (IPR); stormwater harvesting; and water conservation.



As discussed later in this section, BLCCDD stands to benefit from water conservation practices related to irrigation.

Hydraulic Modeling

Hydraulic modeling is central to this master plan. The recommendations that stem from this effort will impact every work category associated with the project, and a majority of recommended improvements will be at least partially evaluated through hydraulic modeling.

As proven by our team members’ previous master planning work performed for BLCCDD, developing an improvement program that achieves the expected benefits requires models that realistically represent existing systems performance. **Our understanding of your systems will allow our team to save time and money by streamlining the planning process.**

Key Consideration

To develop an improvement program that achieves or exceeds the expected benefits, the models must realistically mimic existing system performance. Performing field verification activities such as pump station draw down and fire flow tests may be used to obtain data that will improve model calibration.

Capital Improvement Plan (CIP)

Uncertainty related to the ongoing pandemic, new regulations, and climate change underscores the importance of a flexible CIP. Projects should deliver value to ratepayers, balance system needs, and remain affordable. Our approach delivers the following:

- Prioritized projects based on objectives, LOS goals
- Optimized financial resources and project sequencing within budget constraints
- Flexible CIP that may be updated using tools that analyze scenarios, bookend expectations, and future-proof the CIP

Key Consideration

Using Wright-Pierce’s inhouse cost modeling tool, the optimized CIP will support flexible, forward-looking investments that meet BLCCDD’s LOS goals and fit within financial constraints. We can also assist with evaluating rate implications of cost-risks, project triggers, and scenarios that meet different LOS.

Technical Approach

The Wright-Pierce team believes collaborating with BLCDD is important, and we have based our technical approach on this premise. The following offers an overview of the process, phases, steps, schedule, and other key implementation issues.

Scoping Phase

Based on over 25 years of experience working on master planning projects, Project Manager Chris Baggett believes the success of this project depends on the team's incorporation of BLCDD's overall vision into our scope of services. For this reason, we propose conducting a scoping meeting in which we discuss the following:

- BLCDD's vision and critical success factors
- Detailed considerations for each scope item
- The overlap of previous and proposed work efforts
- Schedule, coordination, and budget requirements

Project Phase

We will work collaboratively with BLCDD to establish the project steps, summarized in the schedule to the right and the workflow below. Based on our master planning experience and knowledge of your systems, we propose a five-step process, punctuated with workshops, to successfully implement your project.



Differentiator: Members of the Wright-Pierce team leverage detailed knowledge of BLCDD's systems and insights gained from its staff that will minimize the efforts associated with several items in the scope of services.

Project Steps	2020	2021
Develop Directives		
Prepare for Assessments		
Perform Assessments		
Evaluate Alternatives		
Develop Plan		





1 Develop Directives

Our team will assist BLCCDD with establishing directives for the success of this project. We will reflect on the existing system and determine next steps to develop future models and assessments that will yield utility systems that achieve your long-term goals. We propose a commonsense approach to developing these requirements, including a **Projects Directive Workshop** that accomplishes the following:

- Establish the project’s guiding principles, goals, and objectives
- Envision the future system
- Identify previous work that supports this project
- Develop key steps and strategies for execution

This information will be summarized in a technical memorandum that will guide the team toward success.

2 Prepare for Assessments

This step entails the gathering, reviewing, processing, and summarizing of data as well as the performance of preparatory work to facilitate assessments associated with the project. A non-exhaustive list of tasks follows.

- **Implement our data management process** that allows the team to collect, organize, identify, and utilize data with minimal disruption to BLCCDD. Our goal will be to understand the data that drives decision making and to work with BLCCDD to maximize the use of its tools.

- **Obtain data not already provided**, such as the latest copies of the utility systems geodatabase and hydraulic models; electronic records associated with water production and wastewater flows; customer complaint records; SCADA data; and current capital improvement plan.
- **Update GIS** prior to establishing spatial flow projections or hydraulic modeling tasks. Verify utility systems configuration and review with BLCCDD operations and maintenance staff.
- **Update current spatial flows distribution** and develop spatial flow/demand projections. To that end, we understand that BLCCDD is currently in extensive discussions with the SWFWMD about water demand projections as part of its WUP application process. As recently as June 24, BLCCDD staff was commenting on this process at the SWFWMD BOD meeting. We will work closely with BLCCDD staff to ensure spatial projections consider this extensive ongoing effort.
- **Visit facilities** to observe conditions; interview staff; document known conditions and operational challenges; understand operations and control equipment; and identify upcoming projects.
- **Establish LOS goals.** Our team will summarize existing goals and we will update these goals as needed. Additionally, we will establish LOS goals needed for asset management and performance tracking and to enhance operations.



3 Perform Assessments

The scope of work listed in the RFP identifies several individual assessments that will be required, and once completed, will prove central to subsequent project efforts. In the following pages, we provide a summary of our proposed approach to each of these assessments as well as demonstrative proof of our experience with similar work for other clients.

Assessments

- ☑ Regulatory Issues
- ☑ Physical Condition
- ☑ Conservation
- ☑ Water Source, Quality and Mitigation Options
- ☑ Hydrologic Modeling
- ☑ Hydraulic Modeling



Regulatory Issues Assessment

One of the challenges facing BLCCDD involves the ever-changing rules and regulations that govern its water supply, water quality, water and wastewater treatment, residual disposal, reclaimed water use, mitigation options (e.g., underground injection control) and many other activities related to its utility systems. A firm understanding of the current regulations and their methods of enforcement will drive short-term planning efforts. Similarly, foresight and expertise related to regulatory changes over time will prove equally critical for long-term planning efforts.



Success Story: Regional Water Supply Authority Program—Implementing ASR comes with many challenges. For the Peace River Manasota Regional Water Supply Authority (PRMRWSA), one of those challenges involved dealing with increased arsenic levels in the vicinity of their newly permitted ASR wellfields.

ASRus assisted PRMRWSA with petitioning FDEP to waive arsenic as a standard. This exceptional level of regulatory knowledge and negotiating skills can also be applied to BLCCDD's IWRMP with significant benefits should you choose to pursue ASR/AR as a mitigation or supply option.

Physical Condition Assessment

To successfully develop a long-term master plan, the selected team must thoroughly understand the physical conditions of existing utility infrastructure. This includes the potable water system's treatment facilities (WTPs #1 & 3) and distribution system; the wastewater system's treatment facility, lift stations, and collection system; and the reclaimed water system's storage and pumping facilities. Understanding the current condition of these assets will allow our team to plan for and prioritize their replacement along with new infrastructure needs that

will be identified as a result of the hydraulic modeling assessment.

Our team includes experts in water and wastewater treatment and transmission to assist with this assessment. Lead Project Engineers Greg Taylor and Don Lee, who specialize in potable water and wastewater systems, respectively, are prepared to conduct site visits to visually assess the conditions of BLCCDD's facilities and speak with operations staff. Additionally, our horizontal infrastructure expert, Don McCullers, leverages insights from prior work for BLCCDD related to maintenance and breakage, enabling the development of a more accurate assessment of buried infrastructure.



Success Story: UCF Potable Water System Master Plan—In developing this master plan for the University of Central Florida, Potable Water Treatment expert Greg Taylor and his team performed condition assessments of the university's water treatment, pumping, and storage facilities.

This system serves over 70,000 students, faculty, and staff and has a maximum capacity of 3.024 MGD. The identified improvements were incorporated into the master plan CIP identified through hydraulic modeling of the distribution system. The successful implementation of this project led to Wright-Pierce's selection as the University's program manager for condition assessments of all utility infrastructure on campus, which includes potable water, wastewater, reclaimed water, natural gas, and chilled water systems.

Conservation Assessment

Water conservation will be a guiding principle for discussions related to water supply, given that its resiliency and flexibility is a primary goal. Based on the current water consumption rate of 150 gallons per

capita day (gpcd), we suspect that OTOW residents may not be exercising best water conservation practices.

To BLCCDD's credit, however, a robust conservation program is in place and includes many progressive conservation practices, which include the following:

- All new construction must meet Florida WaterStart standards
- Promotion of turf reduction, low flush toilets, ET sensors on irrigation systems, and showerhead replacement rebate programs for existing homes
- An irrigation audit program
- HydroWise irrigation controllers (with computer app) to be used in future construction

BLCCDD's per capita daily use of 150 gpcd adversely affects its WUP renewal processes through the SWFWMD. However, BLCCDD's per capita is a function of its low people-per-household metric (i.e., 1.74 per unit) and its high irrigation usage. In fact, BLCCDD indicated that irrigation accounts for as much as 80% of its total usage. Additionally, BLCCDD noted that its turf reduction and ET sensor rebate programs as well as irrigation audit program are intended to reduce outdoor demand. Significant reductions in historical per capita usage have been documented following the promotion of these programs.

A Flexible Plan

As our team begins developing demand projections, we will demonstrate the effects of water conservation on projected demands. Further bracketing projected demands according to recent and reduced per capita rates based on historical records will facilitate the development of a flexible water supply plan, allowing the team to plan for both outcomes.

Opportunities to Enhance Conservation

As previously noted, conducting a public campaign as part of this IWRMP may assist to educate OTOW residents with the goal of changing their water usage behaviors. As a result, BLCCDD will find itself in a better position for future WUP activities.



Success Story: PRWC Demand Management Plan—Working as a subconsultant, Wright-Pierce assisted with the development of a demand management plan (water conservation plan) for the Polk Regional Water Cooperative. Our portion of the work involved development of water system profiles based on raw usage data between 2008 and 2018. The data indicated monthly water usage for a variety of categories including indoor and outdoor usage.

This effort facilitated the development of an implementation strategy that estimated potential water savings through 2040. Wright-Pierce worked with the PRWC Conservation Team to assist with the program's integration into the implementation of future water supply projects.

Water Source, Quality & Mitigation Assessment

BLCCDD is currently modifying its existing Southwest Florida Water Management District (SWFWMD) Water Use Permit (WUP) to increase its allocation from 2.555 to 7.561 MGD AADF to meet projected water demand over a 20-year planning horizon. The results of this WUP modification will lay the framework for the quantity of groundwater supplies from the Upper Floridan aquifer (UFA) available to meet projected demands.

Determining Sustainable Yield

Once determined, the permitted UFA groundwater allocation will be compared to projected demands through build-out conditions to determine BLCCDD's future water supply needs. Depending on the results of the WUP modification, the availability of additional groundwater supplies from the UFA to meet projected water supply needs will be determined. Should additional UFA groundwater supplies appear available, the sustainable yield will be estimated using the SWFWMD's Northern District Model (NDM), which is the model required by the SWFWMD to evaluate impacts to Rainbow and Silver Springs.

Additional Supply Sources

In the event that additional supplies are needed to meet projected demands, we will identify and evaluate demand management, mitigative measures to increase available UFA groundwater supplies via impact offsets, and additional sources.

As previously discussed, we will identify options for BLCCDD to promote conservation to extend the use of existing UFA groundwater supplies, though subject to the behaviors of its residents and customers.

While not in BLCCDD's current plans, our team will also work with the SWFWMD to determine whether opportunities exist to expand its public access reuse system, thereby reducing projected potable demands within the SWFWMD. This includes identifying whether any nearby users with existing WUPs could be provided reclaimed water as a substitution credit to increase BLCCDD's UFA groundwater supplies. Impact offsets via the land application of reclaimed water (e.g., rapid infiltration basins) will also be evaluated as a means to offset the effects of increasing BLCCDD's UFA groundwater supplies.



Success Story: TWA Integrated Water Resources Permitting & Modeling—Working for the Toho Water Authority (TWA), LSG provided integrated water resources planning services that allowed TWA to increase its Upper Florida Aquifer withdraws by 2 MGD. This was accomplished by identifying an offset credit that TWA was able to receive by providing a nearby golf course with reclaimed water, allowing the golf course to eliminate its groundwater withdrawal.

Alternative Water Supplies

If determined projected needs cannot be met with groundwater from the UFA (including consideration of

substitution and impact offset credits), reclaimed water, or conservation efforts, our team will identify and evaluate additional supply sources. These options may include groundwater from the Lower Floridan aquifer (LFA); stormwater to augment public access reuse system; and direct injection of highly treated reclaimed water into the LFA to increase groundwater supplies from the UFA. However, each of these options has its respective challenges and will be more costly than existing UFA groundwater supplies.

Development of a Flexible Supply Plan

The Wright-Pierce team will work to identify a portfolio of source options that cost-effectively meet BLCCDD's projected water supply needs and are protective of the water resources and regional environment. We will also develop a plan that correlates the available yield and variability of potential supplies to the timing and capacity of the infrastructure required for an effective and flexible system that meets BLCCDD's needs through the build-out planning horizon.



Success Story: Bradenton Aquifer Storage & Recharge—In need of resilient and flexible water options, the City of Bradenton hired ASRus to assist in evaluating the feasibility of ASR projects. ASRus conducted studies and tests for two supply options and sites, which involved unique solutions that considered ASR wells for both surface and potable water. The resulting ASR systems have demonstrated the ability to provide for wet season storage and recovery of stormwater during dry season demands, ensuring a flexible supply.

Hydrologic Modeling Assessment

BLCCDD's current SWFWMD WUP modification will determine its groundwater allocation from the UFA available to meet demands for the current 20-year planning horizon.

The hydrologic models used in support of this WUP modification will be used to estimate the quantity of additional groundwater from the UFA available to meet demands beyond a 20-year planning horizon through build-out. In particular, the SWFWMD's Northern District Model (NDM) will be used to assess the effect of groundwater withdrawals on flows from Rainbow Springs and Silver Springs, which are critical environmental resources in the region.

The model will be used to develop recommended future wellfield configurations and pumping rates and to evaluate potential impact offset options such as reclaimed water land application in order to maximize available and less costly UFA groundwater supplies. The SWFWMD models (DWRM3) can also be used to evaluate potential future water source options such as groundwater from the LFA if necessary.



Success Story: The Villages Integrated Water Resources Plan—Working for many of the Community Development Districts that make up the Villages, LSG has performed extensive water supply modeling using the SWFWMD/SJRWMD's North District Model, which is the same model required by BLCCDD.

LSG's superior knowledge of the modeling program, relationships with WMDs, and permitting expertise have proven instrumental to securing WUPs for 18 mixed-use developments, totaling approximately 23,000 new residences. These permitting successes have allowed The Villages to realize unparalleled growth.

Hydraulic Modeling Assessment

We will use the hydraulic models to properly time and rightly size needed infrastructure improvements. For each model, our engineers will evaluate system performance and make recommendations for the following intervals:



- Present Day (2020)
- 5-year
- 10-year
- 20-year
- Buildout

Calibration of the models is critical and will be performed to ensure accuracy of the results. Wright-Pierce will use existing SCADA data and other records along with fire flow testing and lift station draw down testing to calibrate the models.

Water System Hydraulic Modeling

Our approach includes determining hydraulic system performance through a range of demand conditions including fire flow for the following scenarios:

- normal system configuration
- emergency system configuration
- defined outages

We will identify problematic areas and recommend improvements to maintain acceptable hydraulic conditions and water pressure throughout the system. We can also recommend locations to monitor hydraulic data through SCADA to allow BLCCDD to monitor system hydraulic performance, conserve energy through pump scheduling by reducing the times in which the system is over pressurized, and expedite implementation of any needed corrective actions (e.g., respond to a line break).

Because the potable water system supplies water for both inside and irrigation use, we would expect to observe large fluctuations in use patterns. Demand in a typical system providing irrigation is higher near the pressure sources than remote from the pressure sources. We have found the most efficient and accurate way to model these systems providing irrigation water is by implementing a pressure-dependent demand approach that considers irrigation schedules and instantaneous flow rate. This allows for development of meaningful improvements and reduces the risk that the proposed improvements fail to perform as expected.



Success Story: Polk County Dynamic Hydraulic Model—Polk County’s Northeast Regional Utility Service Area is experiencing tremendous growth and development. The County realized the shortfalls with its static water system model and hired Wright-Pierce to develop an extended period simulation (EPS) model to better represent minute-by-minute actual demands throughout its potable water system. The County recognizes the benefits offered by this EPS model over its previous static models in the realization of substantial savings through the rightsizing of needed infrastructure improvements.

Wastewater System Hydraulic Modeling

Our wastewater hydraulic modeling effort will be performed in coordination with BLCCD’s goals. A preliminary list for consideration follows:

- reducing I&I and eliminating overflows
- reducing pump deadhead durations, operating costs, and sediment deposition throughout the system
- using the model results and real-time weather data to refine management of the system following hurricanes
- building resiliency into the system
- reducing odorous volume of air released from valves
- developing a sustainable R&R program
- Incorporating actual pump controls and features to enable accurate responses to system flow and rainfall events

Additionally, the wastewater hydraulic model will be central to the development of the CIP. The modeling efforts will entail determining the severity of the storm events that BLCCDD’s systems can currently endure, and then determining the costs

of improvements that would allow the systems to withstand storm events of increased severity. Improvements will be developed to satisfy the LOS requirements and the established modeling goals.



Success Story: Apopka Integrated Water Resources Master Plans—In preparing the City of Apopka’s One Water/Integrated Water Resources Master Plan, Wright-Pierce identified the City’s static wastewater collection system model was not the best tool to model needs associated with unprecedented growth on the northwest quadrant of the City.

Therefore, the City authorized Wright-Pierce to develop an EPS model that included all of the City’s pump stations plus key gravity collection system components thus allowing the model to best mimic actual working conditions. The use of the EPS model is expected to save the City millions in infrastructure upgrades by providing a tool that more accurately sizes and better times the infrastructure needs.

Reclaimed Water System Hydraulic Modeling

BLCCDD does not currently serve residential customers with reclaimed water. However, it does provide reclaimed water to three golf courses with excess directed to a sprayfield and has plans to serve a fourth golf course when water is available.

Developing a hydraulic model for this system type is relatively simple in comparison to the other hydraulic models. Modeling efforts should ensure adequate pipe sizing, address system controls, address timing of water delivery, and plan for future needs. Should it be determined that future supplies outpace demands, the model can be expanded to account for new end users. Conversely, if it is determined that future demands outpace supply, the model can be expanded to account for new sources of augmentation.

Wastewater Process Modeling

While not explicitly addressed in the RFQ, BLCCDD may consider performing process modeling of its existing wastewater treatment plant to identify process improvements that can minimize, delay, or eliminate expansion needs. Our engineers use the BioWin models for these efforts and our Wastewater Treatment Expert, Don Lee, is a process modeling expert who has experience working on BLCCDD facilities. Don has demonstrated the ability to quickly develop process models that can save clients thousands if not millions of dollars.



Success Story: Mattabasset Regional Water Pollution Control Facility Upgrade—Wright-Pierce was hired to redesign this facility based on our value engineering recommendations. Using a BioWin model, we identified a better approach to the upgrade involved using a conventional activated sludge 4-state Bardenfo Process along with a side-stream reactor to handle high-strength ammonia nitrogen loads from the sludge dewatering process. The modeling and our design reduced capital costs by approximately \$15M on a \$97M upgrade to the 110 MGD facility.

4 Evaluate Alternatives

We will utilize the results of the aforementioned assessments and tasks to identify, evaluate, and screen alternatives for the purposes of addressing capacity, regulatory, and condition system needs. **Alternatives will focus on maintaining a reliable LOS to BLCCDD’s customers while minimizing costs to BLCCDD.**

In collaboration with BLCCDD, the Wright-Pierce team will identify improvement alternatives for further evaluation. For each of these alternatives, we will develop the capital cost, annual O&M costs, and the triple-bottom-line. The costs will be developed to

ensure they are both realistic and appropriate for the IWRMP. The evaluation criteria will summarize the triple-bottom-line (i.e., social, environmental, and economic) associated with each alternative.

With input from BLCCDD, the Wright-Pierce team will establish the framework for development of the triple-bottom-line analyses, and the pros and cons associated with each improvement will be factored into this analysis. A guiding principle that the team may include involves ensuring all improvements yield a favorable return on investment (ROI). Adhering to that principle will result in significant benefits to BLCCDD.

Our findings will be summarized in a draft technical memorandum that will be discussed in an interactive workshop that facilitates discussion of the effort, reviews the sensitivity of evaluation criteria, and finalizes the analysis. Following the workshop, the Wright-Pierce team will update and issue the final technical memorandum to BLCCDD.

5 Develop Plan

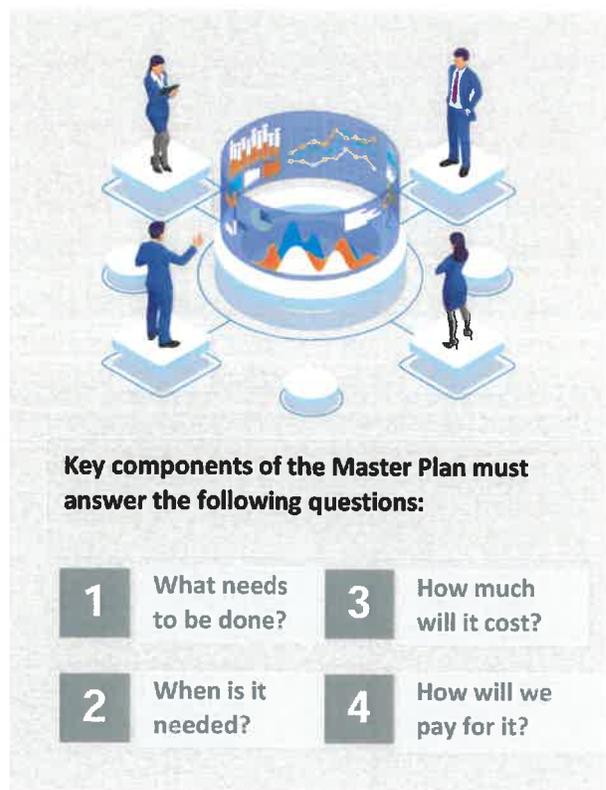
The Master Plan will provide a guide for BLCCDD to address its system needs now and into the future. This task is the culmination of all previous tasks, incorporating the analysis and recommendations developed into an actionable Master Plan with a clear and prioritized list of improvements.

To that end, the Wright-Pierce Team will develop a Capital Improvement Plan (CIP) based on the results of the condition assessments, resiliency analyses, hydraulic models, and alternatives analyses. We will also summarize the planning implications of previous efforts on the following elements:

- LOS for the utility systems
- O&M Plan update that compliments the optimized hydraulic model
- Regulatory review of changes and strategies
- A list of grants and low-interest loans that may be pursued to supplement local funding sources

The Wright Pierce Team will work with BLCCDD to develop a Master Plan that provides a phased approach to optimized infrastructure investment. We will collaborate with your staff to establish the framework for the implementation plan. This includes forecasting the maximum annual capital expenditures for the program; establishing criteria used to prioritize short-term versus long-term improvements; identifying projects which the BLCCDD believes must be immediately implemented; and coordination requirements with all utility system improvement projects to take advantage of economies of scale and implement improvements within an area in a manner that minimizes public disruptions.

The long-term improvements must provide flexibility for adjustment as the needs of the system evolve over time. However, clear identification of long-term improvements helps establish a level of investment required for the system.



Adhering to Schedule & Budget

Wright-Pierce uses BST10 as our project management system. BST10 is an industry leading software program that is used for project initiation, project tracking, resource allocation, time management, and accounting functions for all of our projects.

At the initiation of a project, each project manager inputs data related to project team; tasks and subtasks; hours and schedule. This information is then incorporated into a company-wide resource management tool capable of reporting utilization and availability of individual employees and entire project teams. Project managers are required to update the hours projections for each team member on a monthly basis. Our Operations Managers then run biweekly reports to assess staffing needs.

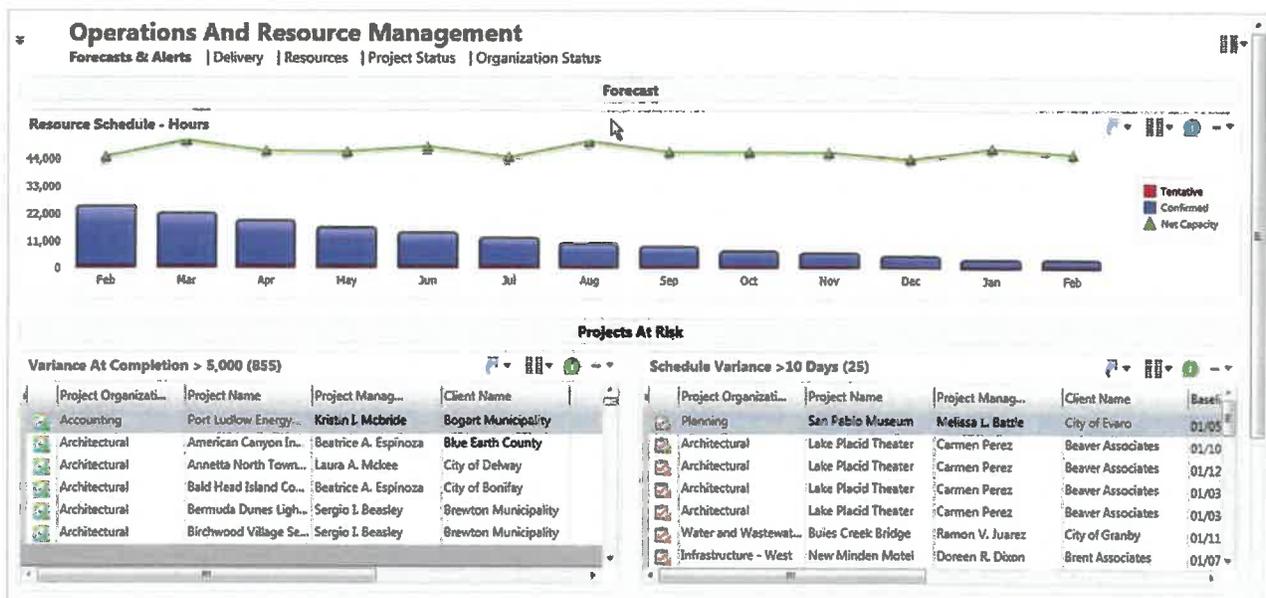
However, projects cannot be managed solely through software and reports. We also conduct weekly resource planning meetings on local, regional, and corporate levels to identify potential schedule issues and overloaded or underloaded staff. This two-pronged approach allows us to proactively manage our resources and maintain project schedules.

On a large project with multiple subconsultants, the Project Manager must establish an effective protocol to communicate information in a timely fashion. Our team has been using and will continue to use Skype for project meetings and SharePoint for internal data transmission and data management needs. These tools enable our personnel to effectively communicate face-to-face even when miles apart.

Cost Control & Avoiding Overruns

Cost control starts at the scoping phase. It is critically important for Technical Leaders understand your project objectives and are involved in developing the project fee. Experience has shown upfront input by technical experts ensures project budgets are set correctly.

During project implementation, our Project Manager utilizes BST10 (shown below) to manage and monitor the budget on a weekly basis while providing monthly invoices. If at any point during the execution of the project we feel that a decision has been made that will require an increase in budget, we will immediately bring that to your attention. This will enable proactive discussions regarding cost control.



Project Success

To conclude our statement of qualifications, we surveyed our Project Manager and each of our Technical Leaders to describe their vision of success for this project. We are confident that establishing this outlook early in the life of the project will ensure the team embarks on and follows the best path forward.



Project Manager
Chris Baggett, PE, ENV SP

When I think of success, I think of what BLCCDD and I were able to accomplish through open communication and collaboration on past projects. When working together, the atmosphere has always been one of a unified team without problematic egos and with a focus on project goals. Two examples:

- The pump impellers at WTP#1 were being frequently replaced. Through our collaboration, we were able to implement a long-term solution to the issue.
- The integration of operations of the water system high service pump stations. In response to a complex proposed strategy, Mr. Schmalz and I brainstormed a simpler solution. Although I had worked through the dynamic hydraulic modeling that proved the simpler solution would work, the I&C subconsultant and others were not convinced. By making some tweaks to the planned programming, we were able to give the simpler solution a try, and it worked so well that the simpler solution continues to be the primary mode of operation today.

What would a successful project look like to you?



Water Supply Options Lead
Brian Megic, PE, D.WRE

A successful IWRMP links a utility's business units to develop a sustainable, cost-efficient supply that is protective of the environment; robust enough to allow continuous operations; and provides the flexibility to successfully navigate changes in regulations and policy.



Hydraulic Modeling Lead
Saheb Mansour-Rezaei, PhD, PE

A successful model accurately replicates the hydraulic performance of BLCCDD's system and through the dialogue our team will maintain with BLCCDD's operations staff. Our workshops will facilitate evaluations of model performance, identification of field calibration focal points, and reviews of planned improvements, enabling real-time adjustments for streamlined buy-in from BLCCDD staff.



Wastewater Treatment. Lead
Don Lee, PhD, PE, BCEE

Success is achieved with process improvements are minimized, delayed or eliminated through the efficient use of process modeling software. This achievement makes everyone satisfied with the final outcome.



6

APPENDIX

Bay Laurel Center

Addendum #1

**Request for Statement of Qualifications
Integrated Water / Wastewater Resource Master Plan**

June 10th, 2020

To: All Prospective Respondents

The following changes, additions, clarifications, and/or deletions amend the Request for Qualifications of the above captioned Project, and shall become an integral part of the Submittal. Please note the contents herein and affix same to the documents you have on hand. Please include a signed copy of this Addendum with your submittal.

QUESTIONS/CLARIFICATIONS:

- Q1.** On page 5 of the RFQ pdf file: Item 4.3(a), it notes that there is a Submission Form that is required to be submitted. Can you please provide that form?
- A1.** There is no submission form, please disregard.
- Q2.** On page 6 of the RFQ pdf file: Item - Section 2 - Technical and Operational Capabilities, third bullet: it notes that as part of the RFQ we are to address QA/QC associated with, among other things, construction administration. Since this project does not include construction phase services is this applicable?
- A2.** The language in this section is general language. If construction administration is not required you do not need to include it in your response.
- Q3.** Item 5.3(b) Consultant's Past Performance, it notes that the experience should be for other Community Development Districts. Will experience in performing master planning for other

**ADDENDUM #1 - RFQ
INTEGRATED WATER/WASTEWATER RESOURCE MASTER PLAN**

8470 SW 79th Street Road, Suite 3 Ocala, FL 34481



- municipal/county government agencies be acceptable experience that will be considered for scoring?
- A3. Yes, experience for Municipal/County government agencies will be acceptable
- Q4. Item 5.3(c) Geographic Location, how will this be scored, how local do you have to be to score the 20 points?
- A4. The scoring shall be as follows: 20 points if within 100 miles, 15 points if within 150 miles, 10 points if within 200 miles, 5 points if within 250 miles, and 0 points if greater than 250 miles.
- Q5. On page 8 of the RFQ pdf file: Item 5.3(e) Certified Minority Business Requirements; can you score the required 5 points if either you or your sub(s) are a certified minority business enterprise??
- A5. No.
- Q6. Would the District be willing to replace the Indemnification currently shown in Article 7.12 of the referenced RFQ (and the subsequent professional services agreement upon award) with the following language?
- To the extent allowed by Article 725.08, Florida Statutes, the Responder shall indemnify and hold harmless the District and its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Responder and other persons employed or utilized by the Responder in the performance of the contract.
- A6. Yes.
- Q7. Section 5.3.(b) – Consultants Past Performance: Criteria considers performance for other CDDs. Although we have not worked for a CDD, we have done similar work for municipal clients. Would this experience be considered equally, compared to CDDs?
- A7. Please refer to answer A3.

ADDENDUM #1 - RFQ
INTEGRATED WATER/WASTEWATER RESOURCE MASTER PLAN

8470 SW 79th Street Road, Suite 3 Ocala, FL 34481



- Q8.** Section 5.3.(c) - Geographic Location: Is any further scoring criteria breakdown available? e.g. - within 100 mile radius, 20 points; within 150 mile radius, 15 points, etc.
- A8.** Please refer to Answer Q4.
- Q9.** Section 5.3.(g) - Work Previously Awarded to Consultant by the District: Please elaborate. We have not worked for the District previously, but would like to. Would the District give equal consideration for similar projects we have completed for other municipal clients?
- A9.** No.

Please sign and return by mail or email to bryan_schmalz@blccdd.com.

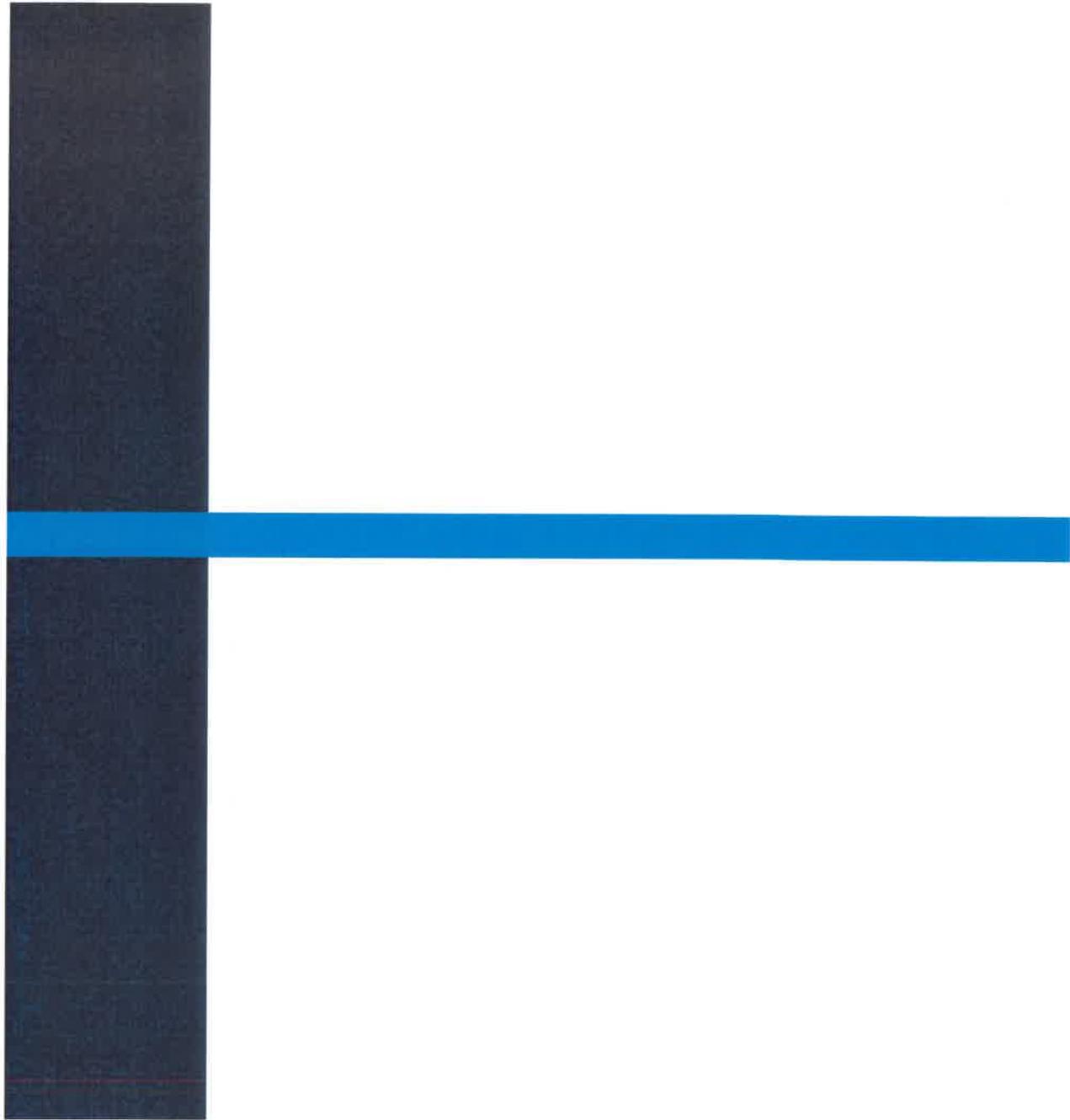
NAME OF FIRM: Wright-Pierce, Inc.

SIGNATURE: 

DATE: 6/26/2020

ADDENDUM #1 - RFQ
INTEGRATED WATER/WASTEWATER RESOURCE MASTER PLAN

8470 SW 79TH Street Road, Suite 3 Ocala, FL 34481



WRIGHT-PIERCE 
Engineering a Better Environment

601 South Lake Destiny Road, Suite 290
Maitland, FL 32751
407.906.1776 | www.wright-pierce.com

steve.hallowell@wright-pierce.com

SECTION X

SECTION A



8470 SW 79th Street Road, Suite 3
Ocala, FL 34481
(352)414-5454

Request for Statement of Qualifications
for
Professional Architectural and Engineering
Services for the Construction of a 2.5 MGD
AADF Wastewater Treatment Plant including
Off Site Master Lift Station, Wastewater
Transmission Force Main, & Potable Water
Main

**Proposals Due by:
October 2nd, 2020
at 4:00 pm**

Approved for Advertising:

Kenneth D. Colen
Bay Laurel Center CDD Chairman

1.0 Purpose & Overview

The Bay Laurel Center Community Development District (herein after “the District”) is pleased to invite the submittal of responses to this Request for Qualifications (RFQ) from qualified firm(s) interested in providing the services of a professional engineering consultant (Consultant) for planning, design, permitting, and construction administration services for the construction of:

- A 2.5 Million Gallons per Day (MGD) Annual Average Daily Flow (AADF) Advanced Domestic Wastewater Treatment Facility including biosolids processing facilities;
- Wastewater transmission system improvements to include construction of a triplex master lift station with odor control, installation of approximately 15,000 feet of 20” force main and approximately 2,000 feet of 12” force main installation including necessary improvements to convey wastewater from Lift Station No. 6 to the proposed triplex master lift station;
- Reclaimed transmission system improvements to include the removal of approximately 8,800 feet of 16” reclaimed water main, installation of 7,700 feet of 24” reclaimed water main, and connections to existing 2.5 Million Gallon (MG) ground storage tank located at the South Wastewater Treatment Facility.
- Installation of approximately 7,700 feet of 16” potable water main to the proposed site.

2.0 Scope of Service

2.1 General Scope of Service: The District is seeking the services of a professional engineering consultant (Consultant) for planning, design, permitting, and construction administration services as described above. The District is intending to construct the project via the Construction Manager at Risk (CMAR) procurement process. Therefore, the selected Consultant will be required to work cooperatively with the CMAR contractor (Contractor) throughout design and construction. The District will consider the Engineering Firm(s) with significant, current experience in the development, design, and construction of municipal projects. This RFQ includes sufficient summary level information to assist proponents in preparing their RFQ Submission.

2.2 Background:

2.2.1 The District is experiencing significant growth within its service area and completed a Wastewater Treatment Facilities Master Plan Report in November 2016 to determine the best path forward for long term treatment of wastewater. Based on the referenced report it was determined to proceed with construction of a new wastewater treatment facility at a new location.

2.2.2 The Florida Department of Environmental Protection (FDEP) has identified that Nitrate (NO₃) was determined to be a cause of impairment of Rainbow Springs and Rainbow Springs Group. The water bodies were verified as “impaired” by FDEP and a Basin Management Action Plan (BMAP) was developed.

- 2.2.3 A Total Maximum Daily Load (TMDL) was established for NO₃ that would allow for the restoration and protection of Rainbow Springs and Rainbow Springs Group. In order to assist in the reduction of Nitrogen, The District is proposing the construction of a new wastewater treatment facility to meet Advanced Wastewater Treatment (AWT) standards.
- 2.2.4 The District has applied for multiyear FDEP funding assistance. Concurrent with this consultant selection process, the District plans to select a contractor to provide pre-construction services to the District and Consultant, and construct the project. The District will provide the Contractor 60% engineering design documents in order to begin the creation of the Guaranteed Maximum Price (GMP).

2.3 Consultant Services

The Consultant shall perform, at minimum, the following:

2.3.1 Preliminary Engineering

- Coordination of a kick-off meeting with the District and Contractor to discuss key issues, the District's objectives and expectations for the project, etc.
- Contract with a Florida licensed Professional Land Surveyor to perform a utility and topographic survey, and subsurface utility excavation services, as needed, of the proposed site locations and main installation routes.
- Contract with a Florida licensed geotechnical consultant to perform a subsurface soil exploration, as needed, at the proposed site locations and along the main installation routes sufficient for design and construction of the proposed improvements.
- Contract with an environmental consultant, as needed, to investigate the sites and main routes in order to verify and protect or avoid, as required by law, wetlands and endangered species.
- Review existing infrastructure, hydraulics, and wastewater flows.
- Develop design criteria for all related components of the project.
- Perform all necessary design and hydraulic modeling to size the any and all equipment associated with this project.

2.3.2 Engineering Design and Permitting

- Prepare 30% design plans for review and comment by the District and the Contractor.
- Prepare 60% design plans and specifications that incorporate revisions to address the 30% review comments by the District and Contractor. The design documents shall be sufficiently complete to allow the Contractor to provide a GMP for construction of the project.
- Prepare 90% design plans and specifications that incorporate revisions to address 60% review comments by the District and Contractor.
- Perform permitting as required by local, state and federal regulatory agencies.

- Prepare 100% design plans and specifications for construction by the Contractor.
- Prepare a decommissioning plan for the South WWTF.

2.3.3. Construction Administration

- Coordination of the pre-construction meeting.
- Review of shop drawings.
- Coordination of construction progress meetings with the District and Contractor.
- Provide assistance with resolution of issues that arise during construction.
- Provide assistance with all aspects of State funding requirements.
- Perform construction inspection as needed to certify the project upon completion.
- Prepare applications to regulatory agencies as required for approval to place the completed wastewater facility into service.
- Prepare signed and sealed record drawings based on as-builts provided by the Contractor.
- The Consultant shall work cooperatively with the District and Contractor in performance of the above services.

2.4 Project Schedule

The following timetable provides an overview of the anticipated schedule for the project:

Timeline	
Component	Date
Engineering Consultant Selection	November 2020
CMAR Contractor Selection	November 2020
Approval of Award for Consultant & CMAR	December 2020
Approval of Consultant Contract	December 2020 – January 2021
Approval of Part A Contract for CMAR	December 2020 – January 2021
60% Design Documents Complete	December 2021
Approval of Part B Contract for CMAR	March 2022
Notice to Proceed for Part B Contract – Construction	July 2022
Substantial Completion of Construction	September 2024

3.0 Instructions to Bidders

3.1 RFQ Submission Deadline

The District must receive RFQ Submissions no later than 4:00 PM on October 2nd, 2020 at 8470 SW 79th Street Road, Suite 3 Ocala, Florida 34481. RFQ Submissions must be mailed or delivered by hand. The District will not accept responses by fax or electronic mail. The District may extend the RFQ Submission deadline for such period of time as it deems appropriate.

3.2 RFQ Submission Requirements

RFQ Submissions must be in English and in compliance with the requirements set out in this RFQ. Each RFQ Submission submitted shall include:

- (a) Three (3) paper submissions; and
- (b) Electronic format on a CD or USB device in PDF format. (Excel Spreadsheets shall not be recorded in PDF format)

Each package must include the name and address of the RFQ Bidder.

RFQ Bidders should follow the format set out in **Section 3.3** to facilitate evaluation of RFQ Submissions. Such RFQ Submissions shall contain clear and concise written material and illustrations that enable a clear understanding and evaluation of the RFQ Bidders' capabilities indexed by subject and individually bound.

RFQ Submissions submitted in any other manner or form may be rejected. Only the information required for an RFQ Submission should be submitted in the packages. Supplementary information included in the package that is not specifically required pursuant to this RFQ may be disregarded. RFQ Bidders should therefore review the RFQ and ensure that the appropriate information is submitted.

3.3 Content and Format for RFQ Submission

- (a) **Cover Page**
 - o To include identification of RFQ Bidder.
- (b) **Table of Contents**
 - o **Section 1 - General Information**
 - Firm name, addresses, and telephone numbers of all firm offices;
 - Structure of firm, i.e., sole proprietorship, partnership, corporation, and size of firm;
 - A Florida Department of State, Division of Corporations' Sunbiz report available at www.sunbiz.org;
 - Year's firm has been in business;
 - Name of principals in firm;
 - Organizational description; and
 - Description of firm's philosophy.

- **Section 2 – Technical and Operational Capabilities**
 - Provide an organizational chart identifying disciplines, specific personnel, and role of those who will be assigned to this project including sub-consultants.
 - Firm’s capacity (e.g. number of full-time licensed architects). Provide resumes and workload for people assigned to this project-refer to staff listed.
 - Detail firm’s quality control process with regard to design, document control, and construction administration. Provide a signed statement by an officer, or other employee of the firm that has legal authority to bind the firm, that the firm currently has sufficient health and safety policies, a code of conduct, equal opportunity employment policies, including policies for reasonable accommodations that comply with the Americans with Disabilities Act of 1990, mission statement (if any), and provide a list of all similar policies that the firm currently has in place. The firm will be required to provide full copies of such documents upon request and will be required to provide copies if it desires to accept any offer to perform the work contemplated in this RFQ.
 - Provide proof that the firm holds all applicable state and federal licenses and is in good standing in relation to all such licenses.
 - Proof of a current and active Florida corporate charter, or proof that the firm is authorized to do business in Florida in accordance with Chapter 607, Florida Statutes, if the firm is a corporation or otherwise required to hold such qualifications.

- **Section 3 – Firm History and Qualifications**
 - List the firms last five (5) years of similar projects including the following information:
 - Project name and location;
 - Year completed;
 - Short description of project;
 - Name, addresses, and phone numbers of owner and contact person tasked with daily responsibilities of project; and
 - Names, addresses and telephone numbers of general contractor (if applicable) and engineer; and

- **Section 4 -Financial and Legal Status**
 - RFQ Bidders must provide the following:
 - List any actions taken by any regulatory agency against or involving the firm or its agents or employees with respect to any work performed in the past five (5) years.
 - List all litigation against or involving the firm or its agents or employees with respect to any work performed in the past five (5) years.
 - Do you have any pending litigation or binding arbitration with a client?
 - List any work the respondent has failed to complete in accordance with any contract in the last five (5) years including details regarding the non-performance. Please provide evidence of the financial stability of the firm to perform the described work. Such financial records shall include copies of the firm’s tax returns for the most recent three (3) tax years that have been completed and filed with the IRS, the firm’s most recent balance sheet, the firm’s most recent audited financial statements if any, and the firm’s most recent income statement, as prepared by the firm’s CPA or in-house accounting department, or the firm could alternatively provide a credit report and a letter from the firm’s financial institution

stating that the firm is in good standing. In the event that the firm selects to provide a copy of its credit report and a letter of good standing from its financial institution, then the other records described above shall be required in the event that the firm is offered and accepts the work contemplated under this RFQ. In any event, the firm must provide its current asset to liability ratio and provide support for ratio upon request.

○ **Section 5 – Management and Organizational Approach**

- Please describe your management and organization approach to the project. The following should be addressed within this description:
 - Describe your firm’s understanding of the project.
 - Describe the strategies, methods and procedures the firm will employ to perform the services.
 - Provide a summary of all procedures to be used to assist in the development of project scheduling, coordination of consultants, quality and cost control.
 - Describe the Engineering team’s approach to communication with the District.
 - Describe what makes your firm uniquely qualified for this project.

○ **Section 6 – Insurance**

- Please provide your firm’s current professional liability or errors and omissions insurance to include a minimum of the following:
 - General Liability:
 - \$1,000,000 Each Occurrence
 - \$2,000,000 General Aggregate – Per Project
 - \$2,000,000 Products Completed/ Completed Operations Aggregate
 - \$1,000,000 Personal Injury
 - Professional Liability Coverage
 - \$1,000,000 Each Claim
 - Workers’ Compensation Insurance
 - \$500,000 Each Accident
 - \$500,000 Disease for Each Employee
 - \$500,000 Disease Aggregate
 - The Insurance Company shall have a financial rating of A- or higher and must be VII or larger as determined by A.M. Best.

4.0 REVIEW AND EVALUATION OF SUBMISSIONS

4.1 RFQ Submission Review

RFQ Submissions will be reviewed to ensure that all of the information requested is included and that the RFQ Submission is complete. The completeness review will ensure that (i) the required information has been submitted and (ii) that such information is submitted in the format as set out in this RFQ. Failure to provide a substantially complete RFQ Submission may result in the RFQ Submission not being evaluated for content. A substantially complete RFQ Submission means an RFQ Submission that, in the Districts subjective discretion, represents a good faith effort to meet the requirements as set out in this RFQ.

4.2 Clarifications

During the evaluation of RFQ Submissions, the District may request that any RFQ Bidder provide further clarification of any part of its RFQ Submission. The District may disqualify the relevant RFQ Bidder if the clarification reveals:

- (a) That information contained in the RFQ Submission is materially inaccurate; or
- (b) Information that may materially adversely affect the ability of the RFQ Bidder making the relevant RFQ Submission to deliver the Project.

RFQ Bidders shall make no assumption in an RFQ Submission that the District has any knowledge of the RFQ Bidder or its team members, or of the experience, expertise or performance of the RFQ Bidder or team members on projects other than provided in an RFQ Submission.

4.3 Evaluation Criteria

The District will review all Applicants and will comply with Florida law, including the Consultant's Competitive Negotiations Act, Chapter 287, Florida Statutes ("CCNA"). The following evaluation criteria shall be utilized when making selection of the qualified firm, with the corresponding weight attributed to each factor:

- (a) Ability and Adequacy of Professional Personnel (Weight: 20 Points)
Consider the capabilities and experience of key personnel within the firm including certification, training, and education.
- (b) Consultant's Past Performance (Weight: 20 Points)
Past performance for other Community Development Districts in other contracts; amount of experience on similar projects; character, integrity, reputation, of respondent; etc.
- (c) Adherence to RFQ Instructions (Weight: 15 Points)
Consider if the information provided in the respondent's submission as outlined in the RFQ was complete.
- (d) Geographic Location (Weight: 20 Points)
Consider the geographic location of the firm's location of the firm's office that will be assigned in relation to the project. The scoring shall be as follows: 20 points if within 100 miles, 15 points if within 150 miles, 10 points if within 200 miles, 5 points if within 250 miles, and 0 points if greater than 250 miles.
- (e) Willingness to Meet Time and Budget Requirements (Weight: 15 Points)
Consider the consultant's ability and desire to meet time and budget requirements including rates, staffing levels and past performance on previous projects; etc.
- (f) Recent, Current and Projected Workloads (Weight: 5 Points)
Consider the recent, current and projected workloads of the firm.
- (g) Work Previously Awarded to Consultant by The District (Weight: 5 Points)
Consider the quality of work previously submitted to the District and whether the project was completed on schedule.

5.0 Capability

5.1 Technical Capability

Each RFQ Bidder must show that it has the technical capability, experience and expertise (either directly or through the use of other parties such as consultants or contractors etc.) to complete the above described Project. Appropriate experience in similar projects is essential.

Each RFQ Bidder must demonstrate significant technical experience of a minimum of five (5) years of similar projects. A description of each project should be presented. No more than five (5) years of similar projects should be submitted in response to this RFQ. Additional projects will not be reviewed or evaluated.

5.2 Project Management Capability

Each RFQ Bidder must provide ample evidence to convince the District that it has the ability to manage a project of the nature and scope of the Project.

5.3 COVID-19 Pandemic

Currently, the COVID-19 pandemic is causing disruptions to businesses across the United States of America, and Marion County is experiencing an increase in the number of residents infected. As a result, a government agency or body may impose stay-at-home orders or other similar types of restrictions that could make it more difficult to complete the project contemplated herein. Each RFQ Bidder must agree to abide by any and all restrictions imposed by any government agency that has proper authority to impose restrictions in Marion County. Further, RFQ Bidder must agree to follow reasonable safety measures imposed by the District from time to time, as may be determined in the District's sole and absolute discretion. In the event that the services provided by the RFQ Bidder are allowed to continue under a stay-at-home order, or any similar type of government-imposed restriction, then the RFQ Bidder will be required to continue to meet its deadlines, as provided in this document.

The COVID-19 pandemic is known, and its implications are understood by the District and the RFQ Bidder. The COVID-19 Pandemic shall not be a reason for RFQ Bidder to delay performance, or as an excuse for performance, under any circumstance.

6.0 Other Matters

6.1 Cost and Expenses of RFQ Bidders

All costs and expenses incurred by an RFQ Bidder in the preparation and delivery of its RFQ Submission or in providing any additional information necessary for the evaluation of its RFQ Submission will be borne solely by the RFQ Bidder.

6.2 Fee

Fees cannot be considered in the review of the RFQ Submittals. Once the RFQ Bidders are ranked, the District will begin contract negotiations with the firm determined to be the most qualified. In the event that a contract/agreement cannot be negotiated with the first firm, the District reserves the right to negotiate with the next qualified firm(s) until a contract/agreement can be reached.

If negotiations with the RFQ Bidder are successful, then the selected RFQ Bidder must have one of its officers, directors, or other individuals with the authority to legally bind the RFQ Bidder to a contract for the nature, size and scope contemplated hereunder execute a “truth-in-negotiation certificated that states “wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of contracting.” Further, the final contract must include and state that “the original contract price and any additions thereto, shall be adjusted to exclude any significant sums by which the Board determines the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs.”

6.3 Changes to RFQ Bidders

If there is a material change in the information provided to demonstrate technical, financial and project management capabilities of an RFQ Bidder which has made an RFQ Submission, the applicable RFQ Bidder must notify the District in writing by delivery (at the Submission Address), within five (5) working days of any such addition, deletion or change. The District has the right to disqualify any such RFQ Bidder and/or to reject the RFQ Submission of any such RFQ Bidder if the District considers that the addition, deletion or change may have a material adverse impact on the ability of the RFQ Bidder to carry out the Project.

6.4 Examination and Interpretation of Documents

Each RFQ Bidder is responsible for ensuring that it has all of the information necessary to respond to this RFQ and for independently informing and satisfying itself with respect to the information contained in this RFQ, and any conditions that may in any way affect its RFQ Submission.

6.5 Subcontracted Services

The consultant’s organization and all associated consultants and sub-consultants must be identified in the RFQ. If the consultant desires to use a sub-consultant not specified in the RFQ, prior written approval must be obtained from the District.

6.6 References

The District reserves the right to check references provided in the RFQ and if any information provided is found to be in error may result in disqualification.

6.7 Rights of the District

Notwithstanding anything else in this RFQ, the District has the right to change the dates, deadlines and requirements described in this RFQ, to reject any or all RFQ Submissions, to disqualify any RFQ Bidder, to change the limits and scope of the procurement process and/or Project, to cancel this RFQ or the procurement process

and/or Project or to elect not to proceed with the procurement process and/or Project for any reason whatsoever, without incurring any liability for costs and damages incurred by any RFQ Bidder.

6.8 No Collusion

At all times, each RFQ Bidder will be responsible to ensure that its participation in this RFQ process is conducted fairly and without collusion or fraud. The District has the right to disqualify any RFQ Bidder and/or reject any RFQ Submission where it finds any evidence that an RFQ Bidder has taken part in collusive or fraudulent behavior.

6.9 Protest

Notwithstanding any other provision in the Rules of Procedure, the resolution of any protests regarding the decision to solicit or award a contract for a bid or proposal under Sections 1.7 or 1.11 shall be in accordance with this section as outlined in the Rules of Procedure available at http://blccdd.com/pdf/2013/Rules_of_Procedure.pdf.

(1) Notice –

The District shall give all bidders written notice of its decision to award or intent to award a contract (including rejection of some or all bids) by United States Mail, by hand delivery, or by overnight delivery service, and by posting same in the District office for seven (7) days. The notice shall include the following statement: "Failure to file a protest within the time prescribed in Rule 1.14 of the Rules of the Bay Laurel Center Community Development District shall constitute a waiver of proceedings under those Rules."

(2) Filing –

Any person who is affected adversely by the District's decision or intended decision shall file with the District a notice of protest within seventy-two (72) hours after the posting of the final bid tabulation or after the receipt of the notice of the District decision or intended decision, and shall file a formal written protest within seven (7) days after the date of filing of the notice of protest. The notice of protest shall identify the procurement by title and number or any other language that will enable the District to identify it, shall state that the person intends to protest the decision, and shall state with particularity the law and facts upon which the protest is based. With respect to a protest of the specifications contained in an Invitation to Bid or in a Request for Proposals, the notice of protest shall be filed in writing within seventy-two (72) hours after the receipt of notice of the project plans and specifications (or intended project plans and specifications) in an Invitation to Bid or Request for Proposals, and the formal written protest shall be filed within seven (7) days after the date when notice of protest is filed. Failure to file a notice of protest (or failure to file a formal written protest) shall constitute a waiver of all further proceedings.

(3) Award Process –

Upon receipt of a notice of protest which has been timely filed, the District shall stop the bid solicitation process (or the contract and award process) until the subject of the protest is resolved. However, if the District sets forth in writing particular facts and circumstances which require the continuance of the process

without delay in order to avoid an immediate and serious danger to the public health, safety, or welfare, the award process may continue.

- (4) Mutual Agreement - The District, on its own initiative or upon the request of a protester, shall provide an opportunity to resolve the protest by mutual agreement between the parties within (7) days (excluding Saturdays, Sundays and legal holidays) upon receipt of a formal written request.
- (4) Proceedings –
If the subject of a protest is not resolved by mutual agreement, a proceeding shall be conducted in accordance with the procedural guidelines set forth in Section 1.6 as outlined in the Rules of Procedure.

6.10 The District's Right to Verify

The District may independently verify any information in any RFQ Submission. The District has the right to disqualify any RFQ Bidder and/or to reject the RFQ Submission of any RFQ Bidder who's RFQ Submission contains any false or misleading information. The District also has the right to disqualify any RFQ Bidder and/or to reject the RFQ Submission of any RFQ Bidder, who, in the District's discretion, has failed to disclose any information that would, if disclosed, materially adversely affect the evaluation of the relevant RFQ Bidder's RFQ Submission.

6.11 Failure to Comply

Failure to comply with any requirements of this RFQ may result in disqualification of the RFQ Bidder and/or the rejection of its RFQ Submission.

6.12 Indemnification

To the fullest extent permitted by applicable law, the Responder agrees to indemnify, defend and hold harmless and exempt the District and each of their respective affiliated companies, partners, successors, assigns, heirs, legal representatives, devisees, officers, directors, shareholders, employees, insurers and agents (herein collectively called Indemnities) from and against all claims, demands, actions, liens, compensatory damages, punitive damages, liability, costs, expenses, personal injury claims, property damage claims, and attorneys' fees of any nature, kind or description of any person or entity, directly or indirectly arising out of, caused by, or resulting from (in whole or in part) (1) the Work performed hereunder; (2) this RFQ or (3) any act, omission or negligence of successful responder, including agents, contractors, suppliers, employees or servants of Responder and persons directly or indirectly controlled by Responder, regardless of whether such act, omission or negligence is within or outside the scope of any of the above-mentioned entities' duties under this RFQ or any other agreement (herein collectively called the "Liabilities"). Notwithstanding the preceding provisions of this Section 6.12, if it is determined that Florida Statute Section 725.06 applies to this Agreement, then this indemnification clause shall apply be limited to the maximum amount of indemnification allowed under Florida Statute Section 725.06.

6.13 Conflict of Interest

Prospective consultants shall disclose any financial, business, or other relationship with the District that may have an impact upon the outcome of this RFQ. Prospective

consultants shall also list current clients who may have a financial interest in the outcome of this RFQ.

6.14 Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid or Proposal on a contract to provide any goods or services to a public entity, may not submit a Bid or Proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit Bids or Proposals on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO, for a period of 36 months from the date of being placed on the convicted vendor list.

SECTION B



8470 SW 79th Street Road, Suite 3
Ocala, FL 34481
(352)414-5454

Request for Statement of Qualifications
for
Professional Construction Manager at Risk for
the Construction of a 2.5 MGD AADF
Wastewater Treatment Plant including Off Site
Master Lift Station, Wastewater Transmission
Force Main, & Potable Water Main

**Proposals Due by:
October 2nd, 2020
at 4:00 pm**

Approved for Advertising:

Kenneth D. Colen
Bay Laurel Center CDD Chairman

1.0 Purpose & Overview

The Bay Laurel Center Community Development District (herein after “the District”) is pleased to invite the submittal of responses to this Request for Qualifications (RFQ) from qualified firm(s) interested in providing the services of a professional Construction Manager at Risk (CMAR) firm for the construction of:

- A 2.5 Million Gallons per Day (MGD) Annual Average Daily Flow (AADF) Advanced Domestic Wastewater Treatment Facility including biosolids processing facilities;
- Wastewater transmission system improvements to include construction of a triplex master lift station with odor control, installation of approximately 15,000 feet of 20” force main and approximately 2,000 feet of 12” force main installation including necessary improvements to convey wastewater from Lift Station No. 6 to the proposed triplex master lift station;
- Reclaimed transmission system improvements to include the removal of approximately 8,800 feet of 16” reclaimed water main, installation of 7,700 feet of 24” reclaimed water main, and connections to existing 2.5 Million Gallon (MG) ground storage tank located at the South Wastewater Treatment Facility.
- Installation of approximately 7,700 feet of 16” potable water main to the proposed site.

2.0 Scope of Service

2.1 General Scope of Service: The District is seeking the services of a professional CMAR for construction services as described above. The District is intending to construct the project via the CMAR procurement process. Therefore, the selected CMAR will be required to work cooperatively with the Consultant throughout design and construction process. The District will consider the Construction Firm(s) with significant, current experience in the development, design, and construction of municipal projects. This RFQ includes sufficient summary level information to assist proponents in preparing their RFQ Submission.

2.2 Background:

- 2.2.1 The District is experiencing significant growth within its service area and completed a Wastewater Treatment Facilities Master Plan Report in November 2016 to determine the best path forward for long term treatment of wastewater. Based on the referenced report it was determined to proceed with construction of a new wastewater treatment facility at a new location.
- 2.2.2 The Florida Department of Environmental Protection (FDEP) has identified that Nitrate (NO₃) was determined to be a cause of impairment of Rainbow Springs and Rainbow Springs Group. The water bodies were verified as “impaired” by FDEP and a Basin Management Action Plan (BMAP) was developed.
- 2.2.3 A Total Maximum Daily Load (TMDL) was established for NO₃ that would allow for the restoration and protection of Rainbow Springs and Rainbow Springs Group. In order to assist in the reduction of Nitrogen, The District

is proposing the construction of a new wastewater treatment facility to meet Advanced Wastewater Treatment (AWT) standards.

- 2.2.4 The District has applied for multiyear FDEP funding assistance. Concurrent with this CMAR selection process, the District plans to select a Consultant to provide pre-construction services to the District and Consultant, and construct the project. The District will provide the CMAR 60% engineering design documents in order to begin the creation of the Guaranteed Maximum Price (GMP).

2.3 Construction Services

The Consultant shall perform, at minimum, the following:

2.3.1 Part A - Preconstruction Services

- Meetings:
 - The CMAR shall attend all project team meetings with the District and Consultant at regularly scheduled intervals during the Pre-Construction Phase.
- Timeline:
 - The CMAR will prepare a detailed construction plan for the Project for review and approval.
- Estimating / Design Development:
 - The CMAR will prepare an updated estimate based on drawings and specifications within twenty-eight (28) calendar days of receipt of drawings and specifications.
 - The Pre-Construction Services Agreement between the District and CMAR will detail the number of estimates and related design milestones.
 - Any significant deviations from the previous estimate relative to quantities of materials, costs, and schedule will be identified by comparing the actual costs, quantities of materials used and schedule to what was projected. In the event any significant deviation is identified, then a suggested action plan to realign the Project with the budget shall be designed and implemented between the District and the CMAR, with each Party working in good faith to design and implement such a plan.
 - The estimate will be a detailed and comprehensive exercise further narrowing the scope of assumptions and qualifications.
- Guaranteed Maximum Price (GMP) Estimate:
 - The District and the CMAR will mutually agree as to the design progress of a GMP, which will be provided for execution at the same time as the Construction Services Agreement.
 - The GMP will include a summary of general conditions, general requirements, contingency, insurances, bonds, management fees, costs of the work and actual subcontractor proposals tabulated with detailed scope completeness and accuracy, along with assumptions and qualifications.
- Subcontractor Bid Package & Procurement:
 - The CMAR will develop comprehensive bid packages for each

construction trade (including but not limited to trades such as masonry, electrical, plumbing, etc.) during the GMP subcontractor bidding.

- The District shall approve the process utilized by the CMAR for noticing, accepting, and awarding sub-contracts for each of the trades.
- The CMAR shall solicit bids from at least three (3) qualified subcontractor bidders and shall consult with the District to select the best bid, and such bidders shall:
 - Identify materials and equipment with long lead times to make sure that the project can be completed in a time efficient manner and meet all applicable deadlines; and
 - Work with the District to complete subcontractor negotiations GMP approval and the Construction Services Agreement is finalized.
- In reviewing bids by subcontractor bidders, the CMAR and District will evaluate the bids to determine which is the best bid, and shall consider, but is not limited to, the following factors:
 - The location of the subcontractor, as there will be a preference for local area businesses;
 - The perceived ability of the subcontractor to meet deadlines and to coordinate the acquisition of needed parts, supplies and labor in a timely manner;
 - Prior experiences with the subcontractor, included whether the subcontracted completed the project on time and at or below budget, and the quality of such work; and
 - Assess how well the subcontractors proposed plan of action meets the needs of the District.

2.3.2 Part B - Construction Phase Services

- Following negotiation of a GMP and execution of a Construction Services Agreement with a GMP the CMAR shall become the General Contractor and manage all facets of construction as agreed to in the Construction Services Agreement.

This area intentionally left blank.

2.4 Project Schedule

The following timetable provides an overview of the anticipated schedule for the project:

Timeline	
Component	Date
Engineering Consultant Selection	November 2020
CMAR Contractor Selection	November 2020
Approval of Award for Consultant & CMAR	December 2020
Approval of Consultant Contract	December 2020 – January 2021
Approval of Part A Contract for CMAR	December 2020 – January 2021
60% Design Documents Complete	December 2021
Approval of Part B Contract for CMAR	March 2022
Notice to Proceed for Part B Contract – Construction	July 2022
Substantial Completion of Construction	September 2024

3.0 Instructions to Bidders

3.1 RFQ Submission Deadline

The District must receive RFQ Submissions no later than **4:00 PM on October 2nd, 2020 at 8470 SW 79th Street Road, Suite 3 Ocala, Florida 34481**. RFQ Submissions must be mailed or delivered by hand. The District will not accept responses by fax or electronic mail. The District may extend the RFQ Submission deadline for such period of time as it deems appropriate.

3.2 RFQ Submission Requirements

RFQ Submissions must be in English and in compliance with the requirements set out in this RFQ. Each RFQ Submission submitted shall include:

- (a) Three (3) paper submissions; and
- (b) One (1) Electronic format on a CD or USB in PDF format. (Excel Spreadsheets shall not be recorded in PDF format)

Each package must include the name and address of the RFQ Bidder.

RFQ Bidders should follow the format set out in **Section 3.3** to facilitate evaluation of RFQ Submissions. Such RFQ Submissions shall contain clear and concise written material and illustrations that enable a clear understanding and evaluation of the RFQ Bidders' capabilities indexed by subject and individually bound.

RFQ Submissions submitted in any other manner or form may be rejected. Only the information required for an RFQ Submission should be submitted in the packages.

Supplementary information included in the package that is not specifically required pursuant to this RFQ may be disregarded. RFQ Bidders should therefore review the RFQ and ensure that the appropriate information is submitted.

3.3 Content and Format for RFQ Submission

(a) **Cover Page**

- o To include identification of RFQ Bidder.

(b) **Table of Contents**

o **Section 1 - General Information**

- Firm name, addresses, and telephone numbers of all firm offices;
- Structure of firm, i.e., sole proprietorship, partnership, corporation, and size of firm;
- A Florida Department of State, Division of Corporations' Sunbiz report available at www.sunbiz.org;
- State of Florida Certified General Contractor License of State of Florida Utility and Excavation Contractor License;
- Provide proof that the firm holds all applicable state and federal licenses and is in good standing in relation to all such licenses;
- Proof of a current and active Florida corporate charter, or proof that the firm is authorized to do business in Florida in accordance with Chapter 607, Florida Statutes, if the firm is a corporation or otherwise required to hold such qualifications;
- Year's firm has been in business and the year your firm began CMAR services;
- Name of principals in firm;
- Organizational description;
- Description of firm's philosophy;
- Number of years providing CMAR services including pre-construction and construction phase services (minimum of five (5) years required); and
- Explanation of challenges and opportunities for special purpose governments to realize benefits of the CMAR project delivery method.

o **Section 2 – Technical and Operational Capabilities**

- Provide a list of key personnel that will be assigned to the project including their project roles. Include anticipated percentage of time proposed to be committed to the project during the pre-construction and construction services.
- Provide an organizational chart identifying disciplines, specific personnel, and role of those who will be assigned to this project including sub-consultants.
- Provide detailed and concise resumes including educational background and all relevant design/construction experience for each key personnel provided.
- For each key personnel listed above, state what aspects of pre-construction (design review, constructability issues, cost model estimates, schedule, value analysis, and procurement) or construction (coordination of subcontractors, trades people, vendors, suppliers, safety, quality control/inspections, shop drawing review, change order review, claims resolution, schedule control, commissioning, purchasing, and payment approval) the individual will manage.
- Provide the name and qualifications of the firm/personnel providing interdisciplinary coordination/constructability review of the drawings and specifications, if not previously provided. Provide detailed description of the

process to be used.

- Detail firm's quality control process with regard to design, document control, and construction administration.
- Provide a signed statement by an officer, or other employee of the firm that has legal authority to bind the firm, that the firm currently has sufficient health and safety policies, a code of conduct, equal opportunity employment policies, including policies for reasonable accommodations that comply with the Americans with Disabilities Act of 1990, mission statement (if any), and provide a list of all similar policies that the firm currently has in place. The firm will be required to provide full copies of such documents upon request and will be required to provide copies if it desires to accept any offer to perform the work contemplated in this RFQ.

○ **Section 3 – Firm History and Qualifications**

- List the firms last five (5) years of representative CMAR projects including the following information:
 - Project name and location;
 - Year completed;
 - Short description of project;
 - Name, addresses, and phone numbers of owner and contact person tasked with daily responsibilities of project;
 - Names, addresses and telephone numbers of engineers of record;
 - For each of the projects listed provide:
 - The GMP and total cost of the project at completion;
 - A description of change orders or increases in costs and explain the necessity (owner initiated, design errors, unforeseen conditions, construction issues, etc.);
 - Number of days allocated to complete work in original schedule;
 - Number of days added by change orders;
 - Number of days late (not added by change order);
 - Number of days taken for actual completion;
 - Explanation for any project completion duration greater than thirty (30) days beyond the contract schedule; and
 - Amount of work that was self-performed with trade description.

○ **Section 4 -Financial and Legal Status**

- Companies **MUST** have sufficient Bonding Capacity for the estimated cost of this project. The Capacity must be available at the time the Construction Services Agreement with a Guaranteed Maximum Price is executed. RFQ Bidders must provide the following:
 - Provide a letter from a surety company licensed to issue bonds in the State of Florida or that has an agent licensed to do business in the state of Florida indicating the Proposers bonding capacity and bond rating.
 - Attach current Dun & Bradstreet financial report inclusive of Dun & Bradstreet rating or other evidence of financial stability.
 - Annual contract dollars for each of the last three (3) years (2019, 2018, 2017) providing the following information:
 - Of the total contract dollars, how much was services provides as a CMAR;
 - Total awarded contract dollars; and

- Number of projects.
 - List projects for which the firm is currently committed (under contract) including:
 - Name and location of each project;
 - Time frame to complete each project; and
 - Construction cost of each project.
 - List any actions taken by any regulatory agency against or involving the firm or its agents or employees with respect to any work performed in the past five (5) years.
 - List all litigation against or involving the firm or its agents or employees with respect to any work performed in the past five (5) years.
 - Do you have any pending litigation or binding arbitration with a client?
 - List any work the respondent has failed to complete in accordance with any contract in the last five (5) years including details regarding the non-performance.
 - Please provide evidence of the financial stability of the firm to perform the described work. Proof of a current and active Florida corporate charter, or proof that the firm is authorized to do business in Florida in accordance with Chapter 607, Florida Statutes, if the firm is a corporation or otherwise required to hold such qualifications.
- **Section 5 – Management and Organizational Approach**
 - **General:** Provide a brief, overall description of the strategies, methods and procedures the firm will employ to perform the services, and how the services will be performed in both the pre-construction and construction phases. Include organizational charts of pre-construction and construction services. Project planning that offers the same project manager for pre-construction and construction shall be given preference.
 - **Specific:** Provide a descriptive summary, developed in response to this RFQ, as to your firm's approach to the following items including, but not limited to, all information noted here:
 - **Value Analysis:** Describe the process by which your firm performs value analysis so as to achieve an appropriate balance between costs, aesthetics, sustainable design, and function. Provide a sample value analysis report from one (1) of the projects listed under Section 3. In addition, provide a summary as to this value analysis effort inclusive of total number of items studied, total dollar value, total number of accepted items and total corresponding value of the accepted items.
 - **Constructability Issues:** Identify four (4) constructability issues from one (1) of the projects provided under Section 3 and include a brief description of your firm's approach to reviewing each.
 - **Cost Model/Estimates:** Provide the cost model/estimate format used on one of the completed projects provided under Section 3 and describe how this cost model was developed and the timing of its updates during design, and summarize how the final construction cost related to this cost model. Provide the cost model to be used on this project.
 - **Project Tracking/Reporting:** Describe your firm's approach and procedures for project tracking and reporting, including scheduling, accounting, etc. Describe the software used. Provide examples of a progress report including schedule tracking, cost control and reporting, and show how the cost model estimates compare to the accounting and

- invoicing.
 - Request for Information (RFI), and Shop Drawings: Describe your firm's approach to handling these documents to insure accuracy and timeliness. Provide examples of applicable logs.
 - Quality Control: Describe how your firm implements quality control throughout construction. Provide samples/examples of your quality control program inclusive of all applicable documentation.
 - Staffing Plan: Provide a staffing plan for the value analysis and constructability sections of the pre-construction services.
 - Subcontractors - Material Suppliers: Describe your firm's approach for the acquisition of sub-contractors and material suppliers.
 - Guaranteed Maximum Price: At what point in the design process does your Company typically provide the Owner with a Guaranteed Maximum Price (GMP)?
- **Section 6 – Insurance**

The CMAR / General Contractor will provide and maintain at all times during the term of this Agreement, including any renewal periods, without cost or expense to the District, policies of insurance, with a company or companies authorized to do business in the State of Florida, and which are acceptable to the District, insuring CMAR / General Contractor against any and all claims, demands or causes of action whatsoever, for personal injuries or damage to property relating to the performance of duties, services or obligations of the CMAR / General Contractor under the terms and provisions of the Agreement. The CMAR / General Contractor is responsible for timely provision of certificate(s) of insurance to the District at the certificate holder address evidencing conformance with the requirements under the Agreement at all times throughout the term of the Agreement.:

 - General Liability
 - \$5,000,000 Each Occurrence
 - \$5,000,000 General Aggregate – Per Project
 - \$5,000,000 Products Completed/ Completed Operations Aggregate
 - \$5,000,000 Personal Injury
 - Automobile Liability Insurance
 - \$1,000,000 Each Claim
 - Workers' Compensation Insurance
 - \$1,000,000 Each Accident
 - \$1,000,000 Disease for Each Employee
 - \$1,000,000 Disease Aggregate
 - Installation Floater. CMAR/ General Contractor shall provide and maintain during the term of the Agreement an installation floater to cover damage to or the destruction of renovations, repairs or equipment that has been or is being installed and/or is otherwise being handled or stored. CMAR/ General Contractor shall purchase Installation Floater on a "Special Form" (All-Risk) policy, and shall also include coverage for natural hazards, including, but not limited to, coverage for wind, hail, and named storm. For projects within a 100-year floodplain, Flood

insurance shall be purchased. Installation Floater shall be for the full replacement cost of the Project, including periodic increases or decreases in values resulting from change orders. Coverage shall not cease until Final Acceptance. Policy shall be written on an All-Risk basis. Policy shall also include wind, hail and named storm coverage, off-site storage, and transit. The minimum protection afforded under said installation floater shall be the full replacement cost of the construction of the Project. The District shall be a Loss Payee under the policy. CMAR/ General Contractor shall provide the District with an Accord Evidence of Property Form evidencing the maintenance of the policy and providing that the insurer shall notify the District thirty days prior to the cancellation of the policy.

- Builder's Risk. CMAR/ General Contractor shall purchase Builder's Risk Insurance (BRI) on a "Special Form" (All-Risk) policy, and shall also include coverage for natural hazards, including but not limited to , rain, wind, hail, and named storm. For projects within a 100-year floodplain, Flood insurance shall be purchased. BRI shall be for the full replacement cost of the Project, including periodic increases or decreases in values resulting from change orders. BRI coverage shall include, but not be limited to, covering all risks of physical loss or damage, including the perils of fire and extended coverage, theft, vandalism, malicious mischief, collapse, explosion and underground ("XCU") perils, debris removal, and demolition, and shall include coverage for reasonable compensation for architects' services and other expenses made necessary due to an insured loss and any applicable law, ordinance, or regulation. Coverage shall apply to the Work and appurtenances, materials and equipment to be incorporated into the Project whether in transit or storage on or off the Project site, to the site construction and structures, and property of the District held in the care, custody or control of CMAR/ General Contractor. Coverage shall apply to any owned, borrowed, leased or rented structures used to facilitate the work. The District shall be an additional named insured and Loss payee under this policy. The BRI policy shall contain a waiver of subrogation in favor of all insured parties. Insurer shall provide the District 30 days prior notice to cancellation of the policy.
- Contractor's Pollution. CMAR/ General Contractor shall purchase coverage for liability caused by pollution conditions arising out of the operations of CMAR/ General Contractor. If Agreement involves the use, storage, removal, or remediation of naturally occurring hazardous substances (including, but not limited to, mold, asbestos, lead, mercury, arsenic, radon, silica, pyrite), the policy shall be endorsed to remove any exclusion(s) for the substance. The District shall be named as additional insured. Coverage shall apply to bodily injury, sickness, disease, mental anguish or shock, including death and medical monitoring; property damage, including loss of use of damaged property or of property that has not been physically injured; cleanup costs; including costs and expenses incurred in the investigation, defense, or settlement of claims. The policy shall provide coverage for the hauling of waste from the Project site to the final disposal location and include Non-owned

Disposal Site coverage for specified sites (by endorsement) if Agreement is disposing of waste. All activities contemplated in the Agreement shall be specifically scheduled on the policy as "covered operations".

Coverage shall apply to sudden and non-sudden pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, provided such conditions are not naturally present in the environment in the concentration or amounts discovered, unless such natural conditions(s) are released or dispersed as a result of the performance of Covered Operations. Policy shall include a severability of interest or separation of insured provision (no insured vs. insured exclusion) and a provision that coverage is primary and non-contributory with any other coverage or self-insurance maintained by the District. The District shall be listed as an additional insured on the policy.

- The Insurance Company shall have a financial rating of A- or higher and must be VII or larger as determined by A.M. Best.

4.0 REVIEW AND EVALUATION OF SUBMISSIONS

4.1 RFQ Submission Review

RFQ Submissions will be reviewed to ensure that all of the information requested is included and that the RFQ Submission is, therefore, complete. The completeness review will ensure that (i) the required information has been submitted and (ii) that such information is submitted in the format as set out in this RFQ. Failure to provide a substantially complete RFQ Submission may result in the RFQ Submission not being evaluated for content. A substantially complete RFQ Submission means an RFQ Submission that, in the Districts absolute discretion, represents a good faith effort to meet the requirements as set out in this RFQ.

4.2 Clarifications

During the evaluation of RFQ Submissions, the District may request that any RFQ Bidder provide further clarification of any part of its RFQ Submission. The District may disqualify the relevant RFQ Bidder if the clarification reveals:

- (a) That information contained in the RFQ Submission is materially inaccurate; or
- (b) Information that may materially adversely affect the ability of the RFQ Bidder making the relevant RFQ Submission to deliver the Project.

RFQ Bidders shall make no assumption in an RFQ Submission that the District has any knowledge of the RFQ Bidder or its team members, or of the experience, expertise or performance of the RFQ Bidder or team members on projects other than provided in an RFQ Submission.

4.3 Evaluation Criteria

The District will review all Respondents and will comply with Florida law. The following evaluation criteria shall be utilized when making selection of the qualified firm:

- (a) Ability and Adequacy of Professional Personnel (Weight: 25 Points)
Consider the capabilities and experience of key personnel within the firm including certification, training, and education.
- (b) CMAR / General Contractor's Past Performance (Weight: 25 Points)
Past performance for other Government agencies in other contracts; amount of experience on similar projects; character, integrity, reputation, of respondent; etc.
- (c) Experience with Similar Projects (Weight: 20 Points)
Consider the CMAR / General Contractor's past experience with previous projects.
- (d) Willingness to Meet Time and Budget Requirements (Weight: 15 Points)
Consider the CMAR / General Contractor's ability and desire to meet time and budget requirements including rates, staffing levels and past performance on previous projects; etc.
- (e) Demonstrated knowledge/experience with the construction of facilities similar to the one the District desires to design and construct. (Weight: 10 Points)
- (f) Completeness of Response to the RFQ Requirements (Weight: 5 Points)

5.0 Capability

5.1 Technical Capability

Each RFQ Bidder must show that it has the technical capability, experience and expertise (either directly or through the use of other parties such as consultants or contractors etc.) to complete the above described Project. Appropriate experience in similar projects is essential.

Each RFQ Bidder must demonstrate significant technical experience of a minimum of five (5) years of similar projects in relation to their size, scope and nature. A description of each project should be presented. No more than five (5) years of similar projects should be submitted in response to this RFQ. Additional projects will not be reviewed or evaluated.

5.2 Project Management Capability

Each RFQ Bidder must show that it has the ability to manage a project of the nature and scope of the Project.

5.3 COVID-19 Pandemic

Currently, the COVID-19 pandemic is causing disruptions to businesses across the United States of America, and Marion County is experiencing an increase in the number of residents infected. As a result, a government agency or body may impose stay-at-home orders or other similar types of restrictions that could make it more difficult to complete the project contemplated herein. Each RFQ Bidder must agree to abide by any and all restrictions imposed by any government agency that has

proper authority to impose restrictions in Marion County. Further, RFQ Bidder must agree to follow reasonable safety measures imposed by the District from time to time, as may be determined in the District's sole and absolute discretion. In the event that the services provided by the RFQ Bidder are allowed to continue under a stay-at-home order, or any similar type of government-imposed restriction, then the RFQ Bidder will be required to continue to meet its deadlines, as provided in this document.

The COVID-19 pandemic is known, and its implications are understood by the District and the RFQ Bidder. The COVID-19 Pandemic shall not be a reason for RFQ Bidder to delay performance, or as an excuse for performance, under any circumstance.

6.0 Other Matters

6.1 Cost and Expenses of RFQ Bidders

All costs and expenses incurred by an RFQ Bidder in the preparation and delivery of its RFQ Submission or in providing any additional information necessary for the evaluation of its RFQ Submission will be borne solely by the RFQ Bidder.

6.2 Fee

Fees cannot be considered in the review of the RFQ Submittals. Once the RFQ Bidders are ranked, the District will begin contract negotiations with the firm determined to be the most qualified. In the event that a contract/agreement cannot be negotiated with the first firm, the District reserves the right to negotiate with the next qualified firm(s) until a contract/agreement can be reached.

If negotiations with the RFQ Bidder are successful, then the selected RFQ Bidder must have one of its officers, directors, or other individuals with the authority to legally bind the RFQ Bidder to a contract for the nature, size and scope contemplated hereunder execute a "truth-in-negotiation certificated that states "wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of contracting." Further, the final contract must include a state that "the original contract price and any additions thereto, shall be adjusted to exclude any significant sums by which the Board determines the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs."

6.3 Changes to RFQ Bidders

If there is a material change in the information provided to demonstrate technical, financial and project management capabilities of an RFQ Bidder which has made an RFQ Submission, the applicable RFQ Bidder must notify the District in writing by delivery (at the Submission Address), within five (5) working days of any such addition, deletion or change. The District has the right to disqualify any such RFQ Bidder and/or to reject the RFQ Submission of any such RFQ Bidder if the District considers that the addition, deletion or change may have a material adverse impact on the ability of the RFQ Bidder to carry out the Project.

6.4 Examination and Interpretation of Documents

Each RFQ Bidder is responsible for ensuring that it has all of the information necessary to respond to this RFQ and for independently informing and satisfying itself with respect to the information contained in this RFQ, and any conditions that may in any way affect its RFQ Submission.

6.5 Subcontracted Services

The consultant's organization and all associated consultants and sub-consultants must be identified in the RFQ. If the consultant desires to use a sub-consultant not specified in the RFQ, prior written approval must be obtained from the District.

6.6 References

The District reserves the right to check references provided in the RFQ and if any information provided is found to be in error may result in disqualification.

6.7 Rights of the District

Notwithstanding anything else in this RFQ, the District has the right to change the dates, deadlines and requirements described in this RFQ, to reject any or all RFQ Submissions, to disqualify any RFQ Bidder, to change the limits and scope of the procurement process and/or Project, to cancel this RFQ or the procurement process and/or Project or to elect not to proceed with the procurement process and/or Project for any reason whatsoever, without incurring any liability for costs and damages incurred by any RFQ Bidder.

6.8 No Collusion

At all times, each RFQ Bidder will be responsible to ensure that its participation in this RFQ process is conducted fairly and without collusion or fraud. The District has the right to disqualify any RFQ Bidder and/or reject any RFQ Submission where it finds any evidence that an RFQ Bidder has taken part in collusive or fraudulent behavior.

6.9 Protest

Notwithstanding any other provision in the Rules of Procedure, the resolution of any protests regarding the decision to solicit or award a contract for a bid or proposal under Sections 1.7 or 1.11 shall be in accordance with this section as outlined in the Rules of Procedure available at

http://blccdd.com/pdf/2013/Rules_of_Procedure.pdf.

(1) Notice –

The District shall give all bidders written notice of its decision to award or intent to award a contract (including rejection of some or all bids) by United States Mail, by hand delivery, or by overnight delivery service, and by posting same in the District office for seven (7) days. The notice shall include the following statement: "Failure to file a protest within the time prescribed in Rule 1.14 of the Rules of the Bay Laurel Center Community Development District shall constitute a waiver of proceedings under those Rules."

(2) Filing –

Any person who is affected adversely by the District's decision or intended decision shall file with the District a notice of protest within seventy-two

(72) hours after the posting of the final bid tabulation or after the receipt of the notice of the District decision or intended decision, and shall file a formal written protest within seven (7) days after the date of filing of the notice of protest. The notice of protest shall identify the procurement by title and number or any other language that will enable the District to identify it, shall state that the person intends to protest the decision, and shall state with particularity the law and facts upon which the protest is based. With respect to a protest of the specifications contained in an Invitation to Bid or in a Request for Proposals, the notice of protest shall be filed in writing within seventy-two (72) hours after the receipt of notice of the project plans and specifications (or intended project plans and specifications) in an Invitation to Bid or Request for Proposals, and the formal written protest shall be filed within seven (7) days after the date when notice of protest is filed. Failure to file a notice of protest (or failure to file a formal written protest) shall constitute a waiver of all further proceedings.

(3) Award Process –

Upon receipt of a notice of protest which has been timely filed, the District shall stop the bid solicitation process (or the contract and award process) until the subject of the protest is resolved. However, if the District sets forth in writing particular facts and circumstances which require the continuance of the process without delay in order to avoid an immediate and serious danger to the public health, safety, or welfare, the award process may continue.

(4) Mutual Agreement - The District, on its own initiative or upon the request of a protester, shall provide an opportunity to resolve the protest by mutual agreement between the parties within (7) days (excluding Saturdays, Sundays and legal holidays) upon receipt of a formal written request.

(4) Proceedings –

If the subject of a protest is not resolved by mutual agreement, a proceeding shall be conducted in accordance with the procedural guidelines set forth in Section 1.6 as outlined in the Rules of Procedure.

6.10 The District's Right to Verify

The District may independently verify any information in any RFQ Submission. The District has the right to disqualify any RFQ Bidder and/or to reject the RFQ Submission of any RFQ Bidder who's RFQ Submission contains any false or misleading information. The District also has the right to disqualify any RFQ Bidder and/or to reject the RFQ Submission of any RFQ Bidder, who, in the District's discretion, has failed to disclose any information that would, if disclosed, materially adversely affect the evaluation of the relevant RFQ Bidder's RFQ Submission.

6.11 Failure to Comply

Failure to comply with any requirements of this RFQ may result in disqualification of the RFQ Bidder and/or the rejection of its RFQ Submission.

6.12 Indemnification

To the fullest extent permitted by applicable law, the Responder agrees to indemnify, defend and hold harmless and exempt the District and each of their respective

affiliated companies, partners, successors, assigns, heirs, legal representatives, devisees, officers, directors, shareholders, employees, insurers and agents (herein collectively called Indemnities) from and against all claims, demands, actions, liens, compensatory damages, punitive damages, liability, costs, expenses, personal injury claims, property damage claims, and attorneys' fees of any nature, kind or description of any person or entity, directly or indirectly arising out of, caused by, or resulting from (in whole or in part) (1) the Work performed hereunder; (2) this RFQ or (3) any act, omission or negligence of successful responder, including agents, contractors, suppliers, employees or servants of Responder and persons directly or indirectly controlled by Responder, regardless of whether such act, omission or negligence is within or outside the scope of any of the above-mentioned entities' duties under this RFQ or any other agreement (herein collectively called the "Liabilities"). Notwithstanding the preceding provisions of this Section 6.12, if it is determined that Florida Statute Section 725.06 applies to this Agreement, then this indemnification clause shall apply be limited to the maximum amount of indemnification allowed under Florida Statute Section 725.06.

6.13 Conflict of Interest

Prospective contractors shall disclose any financial, business, or other relationship with the District that may have an impact upon the outcome of this RFQ. Prospective contractors shall also list current clients who may have a financial interest in the outcome of this RFQ.

6.14 Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid or Proposal on a contract to provide any goods or services to a public entity, may not submit a Bid or Proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit Bids or Proposals on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO, for a period of 36 months from the date of being placed on the convicted vendor list.

SECTION XI

Ring Power

Power Systems Division

4900 N. Main St.
Gainesville FL 32609
Phone 352-371-9983**3-Year Customer Service Agreement (CSA)**

Date: 8-1-2020 to 8-1-2023

Company: Bay Laurel Center Community Development District
Contact: Bryan Schmalz
Address: 8470 SW 79th Street Road, Suite 3
City/State/Zip: Ocala, FL 34481
Phone: 352-414-5454 Fax: 352-414-5461
Tax Exempt: YesCustomer Contact Phone: 352-414-5454 Ext. 4105
E-mail: bryan_schmalz@blecdd.com
Unit Location: Various Locations
Customer Account No.: 033400
PO Number: N/A**Genset: Make: See Attached Table Model: See Attached Table S/N: See Attached Table KW: See Attached Table VOLTS: 240 /480 PHASE: 3****Fuel Tank Make: Various Gallons: Various Primary Tank Capacity: N/A Day Tank Capacity: N/A****Pricing for Service Levels:****Services Hours: Normal hours- 7:30am - 4:00pm**

- Technical Analysis S = See Attached Table
- Annual Service S = See Attached Table
- Load Bank Test S = Included with Annual Service
- Fuel Quality Analysis S = Upon Request and Approval of Quotation
- Fuel Tank Cleaning S = Upon Request and Approval of Quotation
- See attached spreadsheet for pricing and for the generator list. All Bay Laurel generators are extended under this new service agreement

Annual Total: \$ SEE ATTACHED**State sales tax to apply to quoted prices, and are not included in the above total, if applicable.**

This estimate is made subject to buyer's acceptance within thirty (30) days from this date. Pricing is guaranteed for the term of the agreement. Agreements will auto-renew at the expiration date without interruption for 12 months and are subject to annual pricing adjustments. The agreement can be cancelled by either party at any time.

This agreement becomes effective at the date of signing and may be terminated by either party upon giving 30-days written notice. Ring Power Systems technicians are covered by Workman's Compensation and public liability insurance. In no event shall Ring Power Systems be liable for any indirect, special or consequential damages, such as, but not limited to, loss of anticipated profits or other economic loss in connection with, or arising out of, furnishing, functioning or the use of any items of equipment or services provided for in this agreement. If the equipment is not available for service at the scheduled time, the customer will be billed time and travel costs.

Authorization:

Accepted By:

Customer Name: Kenneth D. Cohen
Bay Laurel Center CDD, Chairman

Customer Signature:

Date: 08/06/2020

Quoted By:

Salesperson: Roger Hardy

Signature: _____

Date: 8-3-2020

Salesperson: Roger Hardy PSD – Cell 352.484.5898 (Roger.Hardy@ringpower.com)

Service Dept. Brad Clyatt cell 352.817.3680 – Fax 352.372.3934 (Brad.Clyatt@ringpower.com)

EMERGENCY AFTER HOURS – 352.817.3680Credit Application on file (New Accounts Only) Yes , No To activate agreement, Please sign and email to: Roger Hardy @ Roger.Hardy@RingPower.com
Thank you for your Business

Technical Analysis

- Qualified technician to perform 52 point Technical Analysis
- Chemically test engine coolant.
- Take oil sample to have Ring Power Oil Laboratory analyze, If any problems are found we will advise you immediately to determine a plan of action
- Provide service report, this will advise of any problems noted with unit.

Annual Maintenance and Technical Analysis

- Qualified technician to perform 52 point Technical Analysis
- Chemically test engine coolant
- Take an oil sample to have Ring Power Oil Laboratory analyze. If any problems are found we will advise to determine a plan of action.
- Change engine oil filter(s), Change fuel filter(s)
- Drain engine crankcase oil & refill to proper capacity
- Test run of engine to ensure no leaks, will prime fuel system if necessary
- Dispose of used oil and filters adhering to EPA regulations
- Provide service report, this will advise of any problems noted with unit. We will advise and secure your authorization before proceeding with repairs.
- Level 1 Fuel Tank Audit (Clean and Bright, bacterial/fungal)
- Transfer switch test, upon customer approval

Load Bank Testing (LBT) and Technical Analysis (Annual at time of Annual Service)

- Provide load bank test equipment and technician to perform 2-hour, 4-hour, resistive reactive bank test.
 - Thermal heat scan of engine, generator, and radiator
- Comments:** Please note the load bank price is based on performing the load test at the same service interval as the level 2 service.

Fuel Tank Audit and Chemical Lab Analysis (Upon Customer Request)

Fuel Sample Option 3:

Tank Audit:

- Complete a field report of the fuel and covered equipment's condition, including but not limited to: emergency vents, vent tube, fuel gauge, fill cap, drop/fill tubes, gaskets and tank monitoring equipment
- Notification of any non-compliance issues (written documentation)
- Check sumps and fuel lines

Fuel Quality Assurance:

- Fuel samples taken depth equivalent of the pickup tube
- Complete a field report of the fuel and covered equipment's condition, including but not limited to: emergency vents, vent tube, fuel gauge, fill cap, drop/fill tubes, gaskets and tank monitoring equipment
- Notification of any non-compliance issues (photo/written documentation)
- Check sumps and fuel lines
- Add bacterial & fungal growth blend inhibitor

Chemical Lab Analysis Includes:

- API Gravity
- Cetane Index
- Bottom sediment & water
- Sulfur
- Distillation (Initial boiling point, end point, recovered percentages)
- Thermal stability
- Bacterial
- % Residue

Fuel Quality Assurance:

- Fuel samples taken depth equivalent of the pickup tube.
- Additional sample available @ \$240.00 per sample at time of Tank Audit

Fuel Tank Cleaning (Upon Customer Request)

Tank Cleaning Process:

- Six stage closed loop filtration system
- 0.5/1 micron bag filter under suction
- Three-1 micron bag filters under suction
- Filtration from 1 to 0.5 micron canister, under pressure
- Oil/water separation through coalescing unit again under pressure
- Final pass through 2 water absorption filter
- Mechanically remove water, microbiological growth and sludge contamination from covered equipment
- Filtration down to 0.5 micron
- EPA certified to collect, transport and dispose of fuel, water, sludge and contaminants. (Manifest Provided)
- Add Bacterial & Fungal Growth Blend Inhibitor
- Five million dollar liability coverage
- Training - Technicians trained in Federally approved safety program
- Interior video inspection of tank (\$75.00 per copy if needed)



Generator Customer Service Agreements

Site Name	Make	Model	KW	VOLTS	Location	Contract Date	Expire Date	Load Bank Duration	Service Level -1	Service Level -2	Service Level -3 - Included in Level 2	Total
LIR Station 1	Olympian	D20-4	20	240	8590 SW 97th Lane Rd.	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 3	Generac	5665560100	80	240	8675 SW 94th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 5	Generac	5622770100	30	240	9170 SW 83rd Terrace	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 6	Caterpillar	D125	125	240	8851 SW 90th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$800.00	\$0.00	\$1,050.00
LIR Station 7	Olympian	QNC000655	25	240	9135 SW 94th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 8	Caterpillar	D40-4	40	240	9353 SW 98th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 9	Caterpillar	D23-G	25	240	8800 SW 96th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 10	Caterpillar	D23-G	25	240	9076 SW 96th Court Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 11	Caterpillar	D23-B	25	240	9671 SW 90th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 12	Caterpillar	D10S	30	240	9085 SW 94th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 13	Caterpillar	D50-LC2	50	480	Bridgewater Park	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 14	Caterpillar	D40-B	40	240	8222 SW 81st Loop	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 15	Caterpillar	D50-B	50	240	8410 SW 90th Terrace Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 16	Caterpillar	D100-B	100	240	8250 SW 70th Terrace Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 17	Caterpillar	D100-F	100	240	7998 SW 90th Terrace Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 18	Caterpillar	D100-F	100	240	6310 SW 89th Court Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 19	Caterpillar	D50-B	50	480	10064 SW 79th Loop	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 20	Caterpillar	D10-10	30	480	6658 SW 97th Terrace Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 22	Cummins	D5PAA-999183	35	480	9175 SW 70th Loop	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 24	Cummins	D-INDASO	50	480	9050 SW 62nd Loop	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 25	Caterpillar	D40-LC2	40	480	10149 SW 88th Lane Road	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 26	Caterpillar	D40-LC2	40	480	Indigo South	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 27	Caterpillar	D40-LC2	40	480	Crescent Ridge III	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 28	Cummins	C40-D6	40	480	Wellington	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
LIR Station 29	Caterpillar	D40-LC2	40	480	Weybourne Landing	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
WWTP	Caterpillar	C15	400	480	8851 SW 90th Street	8/1/2020	8/2/2023	4 Hours	\$250.00	\$1,378.00	\$0.00	\$1,828.00
Portable Emergency Generator	Caterpillar	B124	75	240	9050 SW 98th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$750.00	\$0.00	\$1,000.00
Emergency Generator	Caterpillar	3208	150	240/480	9050 SW 98th Street	8/1/2020	8/2/2023	2 Hours	\$250.00	\$824.00	\$0.00	\$1,074.00
WTP #1	Caterpillar	3432	500	480	9050 SW 98th Street	8/1/2020	8/2/2023	4 Hours	\$250.00	\$1,776.00	\$0.00	\$2,026.00
WTP #3 (well field 1 & 2)	Caterpillar	C9	250	480	9269 SW 80th Street	8/1/2020	8/2/2023	4 Hours	\$250.00	\$1,245.00	\$0.00	\$1,795.00
WTP #3 (well field 3)	Caterpillar	C9	250	480	9269 SW 80th Street	8/1/2020	8/2/2023	4 Hours	\$250.00	\$1,245.00	\$0.00	\$1,795.00
WTP #3	Caterpillar	C32	1000	480	9269 SW 80th Street	8/1/2020	8/2/2023	4 Hours	\$250.00	\$4,068.00	\$0.00	\$4,318.00
Switch Gear Maintenance	N/A	N/A	N/A	N/A	9269 SW 80th Street	8/1/2020	8/2/2023	N/A				\$1,500.00
Grand Total												\$50,386.00

SECTION XII



2019-2020 BLCDD BAD DEBT REGISTER

Account	Customer	Property Address	Write Off
P16193-1	Warren Timm	9110 SW 70th Loop	\$4.63
E14IND-1	Francis Maceli	8238 SW 78th Circle	\$164.98
FC1194	Eugene Wielms	8665 SW 94th Street, Unit E	\$1.47
S06171-1	Earl Bailey	6529 SW 92nd Circle	\$257.45
L00682-3	Terry Lalama	7027 SW 97th Terrace Road	\$1.47
54C0000	Stanley Monaco	9730 SW 90th Street	\$88.89
D17000-1	Alex Locay	9299 SW 92nd Lane	\$68.77
2858A0-R1	James Hein	9698 SW 94th Avenue, Unit A	\$122.83
5012C0	Sherron Ames	8981 SW 94th Lane, Unit C	\$107.46
2920A0-1	Samuel Stein	9662 SW 95th Court, Unit A	\$24.43
Total			\$842.38

Per the board meeting held on 18th of August 2020, the above accounts are authorized to be written off as bad debt.

By: _____ Date: _____

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: P16193-1
WARREN TIMM
5250 EUROPA DRIVE APT A
BOYNTON BEACH, FL 33437
UNITED STATES

Location: SW070TH0LP09110
9110 SW 70TH LOOP

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	5/11/2020					\$48.83	\$(44.20)	\$4.63
Charge	5/7/2020	1852967932	12,730		220	\$44.20	\$4.63	\$48.83
Charge	4/21/2020	1852967932	12,708			\$0.00	\$44.20	\$44.20
Payment	4/6/2020					\$44.20	\$(44.20)	\$0.00
Charge	3/19/2020	1852967932	12,708			\$0.00	\$44.20	\$44.20
Payment	3/6/2020					\$46.40	\$(46.40)	\$0.00
Charge	2/20/2020	1852967932	12,708		290	\$0.00	\$46.40	\$46.40
Payment	1/23/2020					\$120.81	\$(120.81)	\$0.00
Charge	1/21/2020	1852967932	12,679		1,100	\$68.26	\$52.55	\$120.81
Charge	12/18/2019	1852967932	12,569		3,170	\$0.00	\$68.26	\$68.26
Payment	12/11/2019					\$67.50	\$(67.50)	\$0.00
Charge	11/21/2019	1852967932	12,252		3,070	\$0.00	\$67.50	\$67.50
Payment	10/30/2019					\$61.73	\$(61.73)	\$0.00
Charge	10/22/2019	1852967932	11,945		2,620	\$0.00	\$61.73	\$61.73
Payment	10/7/2019					\$65.00	\$(65.00)	\$0.00
Charge	9/24/2019	1852967932	11,683		3,070	\$0.00	\$65.00	\$65.00
Payment	9/20/2019					\$61.50	\$(61.50)	\$0.00
Charge	8/22/2019	1852967932	11,376		2,590	\$0.00	\$61.50	\$61.50
Payment	8/7/2019					\$64.56	\$(64.56)	\$0.00
Charge	7/23/2019	1852967932	11,117		3,010	\$0.00	\$64.56	\$64.56
Payment	7/8/2019					\$61.58	\$(61.58)	\$0.00
Charge	6/20/2019	1852967932	10,816		2,600	\$0.00	\$61.58	\$61.58

Account: P16193-1
 WARREN TIMM
 5250 EUROPA DRIVE APT A
 BOYNTON BEACH, FL 33437
 UNITED STATES

Location: SW070TH0LP09110
 9110 SW 70TH LOOP

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	6/6/2019					\$65.22	\$(65.22)	\$0.00
Charge	5/22/2019	1852967932	10,556		3,100	\$0.00	\$65.22	\$65.22
Payment	5/3/2019					\$61.44	\$(61.44)	\$0.00
Charge	4/24/2019	1852967932	10,246		2,580	\$0.00	\$61.44	\$61.44
Payment	4/10/2019					\$58.66	\$(58.66)	\$0.00
Charge	3/27/2019	1852967932	9,988		2,200	\$0.00	\$58.66	\$58.66
Payment	3/20/2019					\$59.61	\$(59.61)	\$0.00
Charge	3/1/2019	1852967932	9,768		2,330	\$0.00	\$59.61	\$59.61
Payment	2/19/2019					\$58.52	\$(58.52)	\$0.00
Charge	2/1/2019	1852967932	9,535		2,180	\$0.00	\$58.52	\$58.52
Payment	1/18/2019					\$59.76	\$(59.76)	\$0.00
Charge	1/1/2019	1852967932	9,317		2,350	\$0.00	\$59.76	\$59.76
Payment	12/18/2018					\$57.36	\$(57.36)	\$0.00
Charge	12/1/2018	1852967932	9,082		2,020	\$0.00	\$57.36	\$57.36
Payment	11/19/2018					\$56.77	\$(56.77)	\$0.00
Charge	11/1/2018	1852967932	8,880		1,940	\$0.00	\$56.77	\$56.77
Payment	10/30/2018					\$56.77	\$(56.77)	\$0.00
Charge	10/1/2018	1852967932	8,686		2,230	\$0.00	\$56.77	\$56.77
Payment	9/17/2018					\$61.39	\$(61.39)	\$0.00
Charge	9/1/2018	1852967932	8,463		2,890	\$0.00	\$61.39	\$61.39
Payment	8/17/2018					\$58.52	\$(58.52)	\$0.00
Charge	8/1/2018	1852967932	8,174		2,480	\$0.00	\$58.52	\$58.52
Payment	7/19/2018					\$58.03	\$(58.03)	\$0.00
Charge	7/1/2018	1852967932	7,926		2,410	\$0.00	\$58.03	\$58.03

Account: P16193-1

WARREN TIMM
 5250 EUROPA DRIVE APT A
 BOYNTON BEACH, FL 33437
 UNITED STATES

Location: SW070TH0LP09110

9110 SW 70TH LOOP

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	6/18/2018					\$61.74	\$(61.74)	\$0.00
Charge	6/1/2018	1852967932	7,685		2,940	\$0.00	\$61.74	\$61.74
Payment	5/18/2018					\$57.33	\$(57.33)	\$0.00
Charge	5/1/2018	1852967932	7,391		2,310	\$0.00	\$57.33	\$57.33
Payment	4/23/2018					\$57.33	\$(57.33)	\$0.00
Charge	4/1/2018	1852967932	7,160		2,310	\$0.00	\$57.33	\$57.33
Payment	3/19/2018					\$59.92	\$(59.92)	\$0.00
Charge	3/1/2018	1852967932	6,929		2,680	\$0.00	\$59.92	\$59.92
Payment	2/21/2018					\$58.24	\$(58.24)	\$0.00
Charge	2/1/2018	1852967932	6,661		2,440	\$0.00	\$58.24	\$58.24
Payment	1/25/2018					\$59.01	\$(59.01)	\$0.00
Charge	1/1/2018	1852967932	6,417		2,550	\$0.00	\$59.01	\$59.01
Payment	12/18/2017					\$58.87	\$(58.87)	\$0.00
Charge	12/1/2017	1852967932	6,162		2,530	\$0.00	\$58.87	\$58.87
Payment	11/30/2017					\$42.45	\$(42.45)	\$0.00
Open Applied	11/1/2017					\$42.45	\$0.00	\$42.45
Charge	11/1/2017	1852967932	5,909		2,470	\$(16.00)	\$58.45	\$42.45
Payment	10/18/2017					\$51.31	\$(67.31)	\$(16.00)
Charge	10/1/2017	1852967932	5,662		1,720	\$0.00	\$51.31	\$51.31
Payment	9/27/2017					\$52.12	\$(52.12)	\$0.00
Charge	9/1/2017	1852967932	5,490		1,840	\$0.00	\$52.12	\$52.12
Payment	8/16/2017					\$54.14	\$(54.14)	\$0.00
Charge	8/1/2017	1852967932	5,306		2,140	\$0.00	\$54.14	\$54.14
Payment	7/31/2017					\$65.11	\$(65.11)	\$0.00

Account: P16193-1

WARREN TIMM
5250 EUROPA DRIVE APT A
BOYNTON BEACH, FL 33437
UNITED STATES

Location: SW070TH0LP09110

9110 SW 70TH LOOP

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Adjustment	7/31/2017					\$87.11	\$(22.00)	\$65.11
Payment Reversal	7/26/2017					\$30.00	\$57.11	\$87.11
NSF Fee	7/26/2017					\$0.00	\$30.00	\$30.00
Payment	7/21/2017					\$57.11	\$(57.11)	\$0.00
Charge	7/1/2017	1852967932	5,092		2,580	\$0.00	\$57.11	\$57.11
Payment	6/15/2017					\$52.12	\$(52.12)	\$0.00
Charge	6/1/2017	1852967932	4,834		1,840	\$0.00	\$52.12	\$52.12
Payment	5/18/2017					\$54.48	\$(54.48)	\$0.00
Charge	5/1/2017	1852967932	4,650		2,190	\$0.00	\$54.48	\$54.48
Payment	4/14/2017					\$58.80	\$(58.80)	\$0.00
Charge	4/1/2017	1852967932	4,431		2,830	\$0.00	\$58.80	\$58.80
Payment	3/19/2017					\$56.91	\$(56.91)	\$0.00
Charge	3/1/2017	1852967932	4,148		2,550	\$0.00	\$56.91	\$56.91
Payment	2/15/2017					\$53.00	\$(53.00)	\$0.00
Charge	2/1/2017	1852967932	3,893		1,970	\$0.00	\$53.00	\$53.00
Payment	1/19/2017					\$51.99	\$(51.99)	\$0.00
Charge	1/1/2017	1852967932	3,696		1,820	\$0.00	\$51.99	\$51.99
Payment	12/19/2016					\$53.00	\$(53.00)	\$0.00
Charge	12/1/2016	1852967932	3,514		1,970	\$0.00	\$53.00	\$53.00
Payment	11/16/2016					\$51.52	\$(51.52)	\$0.00
Charge	11/1/2016	1852967932	3,317		1,750	\$0.00	\$51.52	\$51.52
Payment	10/17/2016					\$52.70	\$(52.70)	\$0.00
Charge	10/1/2016	1852967932	3,142		2,210	\$0.00	\$52.70	\$52.70
Payment	9/16/2016					\$50.04	\$(50.04)	\$0.00
Charge	9/1/2016					\$0.00	\$50.04	\$50.04

Account: P16193-1
 WARREN TIMM
 5250 EUROPA DRIVE APT A
 BOYNTON BEACH, FL 33437
 UNITED STATES

Location: SW070TH0LP09110
 9110 SW 70TH LOOP

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
		1852967932	2,921		1,800			
Payment	8/15/2016					\$53.34	\$(53.34)	\$0.00
Charge	8/1/2016					\$0.00	\$53.34	\$53.34
		1852967932	2,741		2,310			
Payment	7/15/2016					\$52.31	\$(52.31)	\$0.00
Charge	7/1/2016					\$0.00	\$52.31	\$52.31
		1852967932	2,510		2,150			

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: E14IND-1

FRANCIS MACELI
5245 NW 33RD PLACE
OCALA, FL 34482
UNITED STATES

Location: 780CIR08238

8238 SW 78TH CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	4/2/2020					\$84.69	\$80.29	\$164.98
		1543285474	72,754		14,940			
Charge	3/19/2020					\$0.00	\$84.69	\$84.69
		1543285474	71,260		6,650			
Payment	2/27/2020					\$83.74	\$(83.74)	\$0.00
Charge	2/20/2020					\$0.00	\$83.74	\$83.74
		1543285474	70,595		6,030			
Payment	1/27/2020					\$83.71	\$(83.71)	\$0.00
Charge	1/21/2020					\$0.00	\$83.71	\$83.71
		1543285474	69,992		6,010			
Payment	12/30/2019					\$84.09	\$(84.09)	\$0.00
Charge	12/18/2019					\$0.00	\$84.09	\$84.09
		1543285474	69,391		6,260			
Payment	12/9/2019					\$87.27	\$(87.27)	\$0.00
Charge	11/21/2019					\$0.00	\$87.27	\$87.27
		1543285474	68,765		7,990			
Payment	11/5/2019					\$111.07	\$(111.07)	\$0.00
Charge	10/22/2019					\$0.00	\$111.07	\$111.07
		1543285474	67,966		17,480			
Payment	10/1/2019					\$101.22	\$(101.22)	\$0.00
Charge	9/24/2019					\$0.00	\$101.22	\$101.22
		1543285474	66,218		14,850			
Payment	8/30/2019					\$100.82	\$(100.82)	\$0.00
Charge	8/22/2019					\$0.00	\$100.82	\$100.82
		1543285474	64,733		14,690			
Payment	8/5/2019					\$106.60	\$(106.60)	\$0.00
Charge	7/23/2019					\$0.00	\$106.60	\$106.60
		1543285474	63,264		16,310			
Payment	7/5/2019					\$132.17	\$(132.17)	\$0.00
Charge	6/20/2019					\$0.00	\$132.17	\$132.17
		1543285474	61,633		21,970			
Payment	6/3/2019					\$118.33	\$(118.33)	\$0.00
Charge	5/22/2019					\$0.00	\$118.33	\$118.33
		1543285474	59,436		19,380			

Account: E14IND-1

FRANCIS MACELI
5245 NW 33RD PLACE
OCALA, FL 34482
UNITED STATES

Location: 780CIR08238

8238 SW 78TH CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	5/2/2019					\$109.85	\$(109.85)	\$0.00
Charge	4/24/2019	1543285474	57,498		17,160	\$0.00	\$109.85	\$109.85
Payment	4/5/2019					\$99.23	\$(99.23)	\$0.00
Charge	3/27/2019	1543285474	55,782		14,060	\$0.00	\$99.23	\$99.23
Payment	3/15/2019					\$92.91	\$(92.91)	\$0.00
Charge	3/1/2019	1543285474	54,376		11,550	\$0.00	\$92.91	\$92.91
Payment	2/11/2019					\$83.71	\$(83.71)	\$0.00
Charge	2/1/2019	1543285474	53,221		7,900	\$0.00	\$83.71	\$83.71
Payment	1/14/2019					\$81.66	\$(81.66)	\$0.00
Charge	1/1/2019	1543285474	52,431		6,790	\$0.00	\$81.66	\$81.66
Payment	12/18/2018					\$98.55	\$(98.55)	\$0.00
Charge	12/1/2018	1543285474	51,752		13,790	\$0.00	\$98.55	\$98.55
Payment	11/19/2018					\$113.98	\$(113.98)	\$0.00
Charge	11/1/2018	1543285474	50,373		18,240	\$0.00	\$113.98	\$113.98
Payment	10/20/2018					\$102.96	\$(102.96)	\$0.00
Charge	10/1/2018	1543285474	48,549		16,280	\$0.00	\$102.96	\$102.96
Payment	9/17/2018					\$88.63	\$(88.63)	\$0.00
Charge	9/1/2018	1543285474	46,921		11,160	\$0.00	\$88.63	\$88.63
Payment	8/15/2018					\$68.88	\$(68.88)	\$0.00
Charge	8/1/2018	1543285474	45,805		3,960	\$0.00	\$68.88	\$68.88
Payment	7/16/2018					\$76.20	\$(76.20)	\$0.00
Charge	7/1/2018	1543285474	45,409		5,030	\$0.00	\$76.20	\$76.20
Payment	6/22/2018					\$99.46	\$(99.46)	\$0.00
Charge	6/1/2018	1543285474	44,906		15,370	\$0.00	\$99.46	\$99.46

Account: E14IND-1FRANCIS MACELI
5245 NW 33RD PLACE
OCALA, FL 34482
UNITED STATES**Location: 780CIR08238**

8238 SW 78TH CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	5/17/2018					\$87.91	\$(87.91)	\$0.00
Open Applied	5/1/2018					\$87.91	\$0.00	\$87.91
Charge	5/1/2018					\$(0.30)	\$88.21	\$87.91
		1543285474	43,369		10,990			
Payment	4/23/2018					\$84.49	\$(84.79)	\$(0.30)
Charge	4/1/2018					\$0.00	\$84.49	\$84.49
		1543285474	42,270		9,470			
Payment	3/22/2018					\$83.41	\$(83.41)	\$0.00
Charge	3/1/2018					\$0.00	\$83.41	\$83.41
		1543285474	41,323		9,030			
Payment	2/16/2018					\$76.17	\$(76.17)	\$0.00
Charge	2/1/2018					\$0.00	\$76.17	\$76.17
		1543285474	40,420		5,010			
Payment	1/22/2018					\$76.37	\$(76.37)	\$0.00
Charge	1/1/2018					\$0.00	\$76.37	\$76.37
		1543285474	39,919		5,150			
Payment	12/15/2017					\$85.39	\$(85.39)	\$0.00
Charge	12/1/2017					\$0.00	\$85.39	\$85.39
		1543285474	39,404		9,840			
Payment	11/18/2017					\$86.01	\$(86.01)	\$0.00
Charge	11/1/2017					\$0.00	\$86.01	\$86.01
		1543285474	38,420		10,090			
Payment	10/19/2017					\$93.81	\$(93.81)	\$0.00
Charge	10/1/2017					\$0.00	\$93.81	\$93.81
		1543285474	37,411		14,640			
Payment	9/21/2017					\$87.39	\$(87.39)	\$0.00
Charge	9/1/2017					\$0.00	\$87.39	\$87.39
		1543285474	35,947		11,940			
Payment	8/18/2017					\$78.39	\$(78.39)	\$0.00
Charge	8/1/2017					\$0.00	\$78.39	\$78.39
		1543285474	34,753		8,160			
Payment	7/19/2017					\$96.69	\$(96.69)	\$0.00
Charge	7/1/2017					\$0.00	\$96.69	\$96.69
		1543285474	33,937		15,540			
Payment	6/21/2017					\$302.83	\$(302.83)	\$0.00

Account: E14IND-1
 FRANCIS MACELI
 5245 NW 33RD PLACE
 OCALA, FL 34482
 UNITED STATES

Location: 780CIR08238
 8238 SW 78TH CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	6/1/2017					\$0.00	\$302.83	\$302.83
		1543285474	32,383		48,750			
Payment	5/15/2017					\$200.77	\$(200.77)	\$0.00
Charge	5/1/2017					\$0.00	\$200.77	\$200.77
		1543285474	27,508		33,750			
Payment Reversal	4/13/2017					\$(150.00)	\$150.00	\$0.00
Payment	4/13/2017					\$0.00	\$(150.00)	\$(150.00)
Payment	4/13/2017					\$0.00	\$(150.00)	\$(150.00)
Adjustment	4/13/2017					\$0.00	\$150.00	\$150.00
Misc Chrg.	4/13/2017					\$0.00	\$0.00	\$0.00

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: FC1194

EUGENE WIELMS
20651 PORT DR
ESTERO, FL 34110
UNITED STATES

Location: SW94THST8665E

8665 SW 94TH STREET UNIT E

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Adjustment	3/24/2020					\$0.00	\$1.47	\$1.47
Adjustment	3/21/2020					\$1.47	\$(1.47)	\$0.00
Charge	3/20/2020	1547569234	4,176			\$0.00	\$1.47	\$1.47
Adjustment	3/19/2020					\$45.19	\$(45.19)	\$0.00
Charge	3/18/2020	1547569234	4,176		130	\$0.00	\$45.19	\$45.19
Adjustment	2/20/2020					\$50.72	\$(50.72)	\$0.00
Charge	2/19/2020	1547569234	4,163		860	\$0.00	\$50.72	\$50.72
Adjustment	1/18/2020					\$53.91	\$(53.91)	\$0.00
Charge	1/17/2020	1547569234	4,077		1,280	\$0.00	\$53.91	\$53.91
Adjustment	12/19/2019					\$50.27	\$(50.27)	\$0.00
Charge	12/18/2019	1547569234	3,949		800	\$0.00	\$50.27	\$50.27
Adjustment	11/21/2019					\$51.41	\$(51.41)	\$0.00
Charge	11/20/2019	1547569234	3,869		950	\$0.00	\$51.41	\$51.41
Adjustment	10/22/2019					\$50.52	\$(50.52)	\$0.00
Charge	10/21/2019	1547569234	3,774		1,080	\$0.00	\$50.52	\$50.52
Adjustment	9/24/2019					\$48.33	\$(48.33)	\$0.00
Charge	9/23/2019	1547569234	3,666		780	\$0.00	\$48.33	\$48.33
Adjustment	8/22/2019					\$48.40	\$(48.40)	\$0.00
Charge	8/21/2019	1547569234	3,588		790	\$0.00	\$48.40	\$48.40
Adjustment	7/24/2019					\$49.13	\$(49.13)	\$0.00
Charge	7/23/2019	1547569234	3,509		890	\$0.00	\$49.13	\$49.13
Adjustment	6/20/2019					\$45.85	\$(45.85)	\$0.00

Account: FC1194

EUGENE WIELMS
 20651 PORT DR
 ESTERO, FL 34110
 UNITED STATES

Location: SW94THST8665E

8665 SW 94TH STREET UNIT E

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	6/19/2019					\$0.00	\$45.85	\$45.85
		1547569234	3,420		440			
Adjustment	5/23/2019					\$46.08	\$(46.08)	\$0.00
Charge	5/22/2019					\$0.00	\$46.08	\$46.08
		1547569234	3,376		470			
Adjustment	4/25/2019					\$48.98	\$(48.98)	\$0.00
Charge	4/24/2019					\$0.00	\$48.98	\$48.98
		1547569234	3,329		870			
Adjustment	3/28/2019					\$44.98	\$(44.98)	\$0.00
Charge	3/27/2019					\$0.00	\$44.98	\$44.98
		1547569234	3,242		320			
Adjustment	3/2/2019					\$42.86	\$(42.86)	\$0.00
Charge	3/1/2019					\$0.00	\$42.86	\$42.86
		1547569234	3,210		30			
Adjustment	2/2/2019					\$46.73	\$(46.73)	\$0.00
Charge	2/1/2019					\$0.00	\$46.73	\$46.73
		1547569234	3,207		560			
Adjustment	1/2/2019					\$59.10	\$(59.10)	\$0.00
Charge	1/1/2019					\$0.00	\$59.10	\$59.10
		1547569234	3,151		2,260			
Adjustment	12/2/2018					\$58.89	\$(58.89)	\$0.00
Charge	12/1/2018					\$0.00	\$58.89	\$58.89
		1547569234	2,925		2,230			
Charge	11/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	2,702		2,180			
Charge	10/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	2,484		2,110			
Charge	9/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	2,273		2,530			
Charge	8/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	2,020		2,200			
Charge	7/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	1,800		2,130			
Charge	6/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	1,587		2,660			
Charge	5/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	1,321		2,430			
Charge	4/1/2018					\$0.00	\$0.00	\$0.00
		1547569234	1,078		2,250			
Charge	3/1/2018					\$0.00	\$0.00	\$0.00

Account: FC1194
EUGENE WIELMS
20651 PORT DR
ESTERO, FL 34110
UNITED STATES

Location: SW94THST8665E
8665 SW 94TH STREET UNIT E

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
		1547569234	853		2,380			
Charge	2/1/2018	1547569234	615		2,120	\$0.00	\$0.00	\$0.00
Charge	1/1/2018	1547569234	403		4,030	\$0.00	\$0.00	\$0.00

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: S06171-1
EARL BAILEY
5695 HARBORMIST DRIVE
POWDER SPRINGS, GA 30127
UNITED STATES

Location: SW092ND0CIR6529
6529 SW 92ND CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	1/2/2020					\$226.37	\$31.08	\$257.45
		1852481127	112,401		3,900			
Charge	12/18/2019					\$117.73	\$108.64	\$226.37
		1852481127	112,011		15,840			
Charge	11/21/2019					\$0.00	\$117.73	\$117.73
		1852481127	110,427		18,270			
Payment	10/24/2019					\$161.84	\$(161.84)	\$0.00
Service Fee	10/24/2019					\$159.45	\$2.39	\$161.84
Charge	10/22/2019					\$61.78	\$97.67	\$159.45
		1852481127	108,600		13,440			
Open Applied	9/24/2019					\$61.78	\$0.00	\$61.78
Charge	9/24/2019					\$(40.39)	\$102.17	\$61.78
		1852481127	107,256		15,150			
Payment	9/18/2019					\$90.61	\$(131.00)	\$(40.39)
Open Applied	8/22/2019					\$90.61	\$0.00	\$90.61
Charge	8/22/2019					\$(26.04)	\$116.65	\$90.61
		1852481127	105,741		18,940			
Open Applied	7/23/2019					\$(26.04)	\$0.00	\$(26.04)
Charge	7/23/2019					\$(131.00)	\$104.96	\$(26.04)
		1852481127	103,847		15,880			
Payment	7/18/2019					\$0.00	\$(131.00)	\$(131.00)
Payment	7/17/2019					\$131.00	\$(131.00)	\$0.00
Charge	6/20/2019					\$0.00	\$131.00	\$131.00
		1852481127	102,259		21,770			
Payment	6/5/2019					\$115.12	\$(115.12)	\$0.00
Charge	5/22/2019					\$0.00	\$115.12	\$115.12
		1852481127	100,082		18,540			
Payment	5/2/2019					\$89.35	\$(89.35)	\$0.00
Charge	4/24/2019					\$0.00	\$89.35	\$89.35
		1852481127	98,228		10,140			
Payment	4/3/2019					\$101.64	\$(101.64)	\$0.00
Charge	3/27/2019					\$0.00	\$101.64	\$101.64
		1852481127	97,214		15,010			

Account: S06171-1
 EARL BAILEY
 5695 HARBORMIST DRIVE
 POWDER SPRINGS, GA 30127
 UNITED STATES

Location: SW092ND0CIR6529
 6529 SW 92ND CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	3/15/2019					\$58.37	\$(58.37)	\$0.00
Charge	3/1/2019	1852481127	95,713		2,160	\$0.00	\$58.37	\$58.37
Payment	2/15/2019					\$96.79	\$(96.79)	\$0.00
Charge	2/1/2019	1852481127	95,497		13,090	\$0.00	\$96.79	\$96.79
Payment	1/16/2019					\$70.24	\$(70.24)	\$0.00
Charge	1/1/2019	1852481127	94,188		3,790	\$0.00	\$70.24	\$70.24
Payment	12/22/2018					\$126.40	\$(126.40)	\$0.00
Charge	12/1/2018	1852481127	93,809		20,980	\$0.00	\$126.40	\$126.40
Payment	11/21/2018					\$118.18	\$(118.18)	\$0.00
Charge	11/1/2018	1852481127	91,711		19,340	\$0.00	\$118.18	\$118.18
Payment	10/18/2018					\$116.09	\$(116.09)	\$0.00
Charge	10/1/2018	1852481127	89,777		19,690	\$0.00	\$116.09	\$116.09
Payment	9/25/2018					\$95.02	\$(95.02)	\$0.00
Charge	9/1/2018	1852481127	87,808		13,770	\$0.00	\$95.02	\$95.02
Payment	8/10/2018					\$66.71	\$(66.71)	\$0.00
Charge	8/1/2018	1852481127	86,431		3,650	\$0.00	\$66.71	\$66.71
Payment	7/17/2018					\$87.45	\$(87.45)	\$0.00
Charge	7/1/2018	1852481127	86,066		10,680	\$0.00	\$87.45	\$87.45
Payment	6/12/2018					\$108.47	\$(108.47)	\$0.00
Charge	6/1/2018	1852481127	84,998		17,710	\$0.00	\$108.47	\$108.47
Payment	5/17/2018					\$124.67	\$(124.67)	\$0.00
Charge	5/1/2018	1852481127	83,227		21,410	\$0.00	\$124.67	\$124.67
Payment	4/17/2018					\$124.52	\$(124.52)	\$0.00
Charge	4/1/2018	1852481127	81,086		21,380	\$0.00	\$124.52	\$124.52

Account: S06171-1
 EARL BAILEY
 5695 HARBORMIST DRIVE
 POWDER SPRINGS, GA 30127
 UNITED STATES

Location: SW092ND0CIR6529
 6529 SW 92ND CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	3/16/2018					\$103.54	\$(103.54)	\$0.00
Charge	3/1/2018	1852481127	78,948		16,430	\$0.00	\$103.54	\$103.54
Payment	2/17/2018					\$90.66	\$(90.66)	\$0.00
Charge	2/1/2018	1852481127	77,305		11,990	\$0.00	\$90.66	\$90.66
Payment	1/12/2018					\$106.08	\$(106.08)	\$0.00
Charge	1/1/2018	1852481127	76,106		17,090	\$0.00	\$106.08	\$106.08
Payment	12/15/2017					\$162.70	\$(162.70)	\$0.00
Charge	12/1/2017	1852481127	74,397		28,040	\$0.00	\$162.70	\$162.70
Payment	11/14/2017					\$133.27	\$(133.27)	\$0.00
Charge	11/1/2017	1852481127	71,593		23,050	\$0.00	\$133.27	\$133.27
Payment	10/18/2017					\$122.68	\$(122.68)	\$0.00
Open Applied	10/1/2017					\$122.68	\$0.00	\$122.68
Charge	10/1/2017	1852481127	69,288		21,830	\$0.00	\$122.68	\$122.68
Payment	9/15/2017					\$99.46	\$(99.46)	\$0.00
Charge	9/1/2017	1852481127	67,105		16,280	\$0.00	\$99.46	\$99.46
Payment	8/17/2017					\$77.25	\$(77.25)	\$0.00
Charge	8/1/2017	1852481127	65,477		7,680	\$0.00	\$77.25	\$77.25
Payment	7/12/2017					\$86.22	\$(86.22)	\$0.00
Charge	7/1/2017	1852481127	64,709		11,450	\$0.00	\$86.22	\$86.22
Payment	6/16/2017					\$159.76	\$(159.76)	\$0.00
Charge	6/1/2017	1852481127	63,564		28,410	\$0.00	\$159.76	\$159.76
Payment	5/20/2017					\$124.42	\$(124.42)	\$0.00
Charge	5/1/2017	1852481127	60,723		22,170	\$0.00	\$124.42	\$124.42
Payment	4/19/2017					\$124.98	\$(124.98)	\$0.00

Account: S06171-1
 EARL BAILEY
 5695 HARBORMIST DRIVE
 POWDER SPRINGS, GA 30127
 UNITED STATES

Location: SW092ND0CIR6529
 6529 SW 92ND CIRCLE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	4/1/2017					\$0.00	\$124.98	\$124.98
		1852481127	58,506		22,280			
Payment	3/16/2017					\$93.53	\$(93.53)	\$0.00
Charge	3/1/2017					\$0.00	\$93.53	\$93.53
		1852481127	56,278		14,520			
Payment	2/14/2017					\$101.36	\$(101.36)	\$0.00
Charge	2/1/2017					\$0.00	\$101.36	\$101.36
		1852481127	54,826		16,790			
Payment	1/11/2017					\$130.42	\$(130.42)	\$0.00
Charge	1/1/2017					\$0.00	\$130.42	\$130.42
		1852481127	53,147		23,350			
Payment	12/16/2016					\$177.20	\$(177.20)	\$0.00
Charge	12/1/2016					\$0.00	\$177.20	\$177.20
		1852481127	50,812		31,080			
Payment	11/16/2016					\$135.61	\$(135.61)	\$0.00
Charge	11/1/2016					\$0.00	\$135.61	\$135.61
		1852481127	47,704		24,370			
Payment	10/19/2016					\$92.04	\$(92.04)	\$0.00
Charge	10/1/2016					\$0.00	\$92.04	\$92.04
		1852481127	45,267		15,170			
Payment	9/21/2016					\$98.39	\$(98.39)	\$0.00
Charge	9/1/2016					\$0.00	\$98.39	\$98.39
		1852481127	43,750		16,920			
Payment	8/17/2016					\$190.43	\$(190.43)	\$0.00
Charge	8/1/2016					\$0.00	\$190.43	\$190.43
		1852481127	42,058		33,820			
Payment	7/19/2016					\$124.00	\$(124.00)	\$0.00
Charge	7/1/2016					\$0.00	\$124.00	\$124.00
		1852481127	38,676		22,920			

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: L00682-3

TERRY LALAMA
134 MAYS RD SE
MILLEDGEVILLE, GA 31061
UNITED STATES

Location: SW97THERRD7027

7027 SW 97TH TERRACE ROAD

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	12/13/2019					\$89.19	\$(87.72)	\$1.47
Charge	11/26/2019	1850475003	91,866			\$87.72	\$1.47	\$89.19
Charge	11/21/2019	1850475003	91,866		8,160	\$0.00	\$87.72	\$87.72
Payment	11/15/2019					\$95.83	\$(95.83)	\$0.00
Charge	10/22/2019	1850475003	91,050		12,710	\$0.00	\$95.83	\$95.83
Payment	10/16/2019					\$94.14	\$(94.14)	\$0.00
Charge	9/24/2019	1850475003	89,779		12,040	\$0.00	\$94.14	\$94.14
Payment	9/17/2019					\$97.14	\$(97.14)	\$0.00
Charge	8/22/2019	1850475003	88,575		13,230	\$0.00	\$97.14	\$97.14
Payment	8/16/2019					\$90.31	\$(90.31)	\$0.00
Charge	7/23/2019	1850475003	87,252		10,520	\$0.00	\$90.31	\$90.31
Payment	7/13/2019					\$106.83	\$(106.83)	\$0.00
Charge	6/20/2019	1850475003	86,200		16,370	\$0.00	\$106.83	\$106.83
Payment	6/14/2019					\$165.28	\$(165.28)	\$0.00
Charge	5/22/2019	1850475003	84,563		27,260	\$0.00	\$165.28	\$165.28
Payment	5/16/2019					\$148.29	\$(148.29)	\$0.00
Charge	4/24/2019	1850475003	81,837		24,740	\$0.00	\$148.29	\$148.29
Payment	4/19/2019					\$125.30	\$(125.30)	\$0.00
Charge	3/27/2019	1850475003	79,363		20,790	\$0.00	\$125.30	\$125.30
Payment	3/22/2019					\$100.97	\$(100.97)	\$0.00
Charge	3/1/2019	1850475003	77,284		14,750	\$0.00	\$100.97	\$100.97
Payment	2/27/2019					\$86.61	\$(86.61)	\$0.00

Account: L00682-3

TERRY LALAMA
134 MAYS RD SE
MILLEDGEVILLE, GA 31061
UNITED STATES

Location: SW97THERRD7027

7027 SW 97TH TERRACE ROAD

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	2/1/2019					\$0.00	\$86.61	\$86.61
		1850475003	75,809		9,050			
Payment	1/30/2019					\$80.52	\$(80.52)	\$0.00
Charge	1/1/2019					\$0.00	\$80.52	\$80.52
		1850475003	74,904		6,010			
Payment	12/28/2018					\$99.33	\$(99.33)	\$0.00
Charge	12/1/2018					\$0.00	\$99.33	\$99.33
		1850475003	74,303		14,100			
Payment	11/29/2018					\$122.74	\$(122.74)	\$0.00
Charge	11/1/2018					\$0.00	\$122.74	\$122.74
		1850475003	72,893		20,350			
Payment	10/31/2018					\$82.50	\$(82.50)	\$0.00
Charge	10/1/2018					\$0.00	\$82.50	\$82.50
		1850475003	70,858		8,660			
Payment	9/27/2018					\$89.80	\$(89.80)	\$0.00
Charge	9/1/2018					\$0.00	\$89.80	\$89.80
		1850475003	69,992		11,640			
Payment	8/30/2018					\$82.40	\$(82.40)	\$0.00
Charge	8/1/2018					\$0.00	\$82.40	\$82.40
		1850475003	68,828		8,620			
Payment	7/30/2018					\$83.31	\$(83.31)	\$0.00
Charge	7/1/2018					\$0.00	\$83.31	\$83.31
		1850475003	67,966		8,990			
Payment	6/28/2018					\$125.20	\$(125.20)	\$0.00
Charge	6/1/2018					\$0.00	\$125.20	\$125.20
		1850475003	67,067		21,510			
Payment	5/30/2018					\$110.01	\$(110.01)	\$0.00
Charge	5/1/2018					\$0.00	\$110.01	\$110.01
		1850475003	64,916		18,110			
Payment	4/28/2018					\$94.14	\$(94.14)	\$0.00
Charge	4/1/2018					\$0.00	\$94.14	\$94.14
		1850475003	63,105		13,410			
Payment	3/29/2018					\$84.93	\$(84.93)	\$0.00
Charge	3/1/2018					\$0.00	\$84.93	\$84.93
		1850475003	61,764		9,650			
Payment	2/28/2018					\$60.34	\$(60.34)	\$0.00

Account: L00682-3

TERRY LALAMA
134 MAYS RD SE
MILLEDGEVILLE, GA 31061
UNITED STATES

Location: SW97THERRD7027

7027 SW 97TH TERRACE ROAD

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	2/1/2018					\$0.00	\$60.34	\$60.34
		1850475003	60,799		2,740			
Payment	1/30/2018					\$79.11	\$(79.11)	\$0.00
Charge	1/1/2018					\$0.00	\$79.11	\$79.11
		1850475003	60,525		7,110			
Payment	12/28/2017					\$84.56	\$(84.56)	\$0.00
Charge	12/1/2017					\$0.00	\$84.56	\$84.56
		1850475003	59,814		9,500			
Payment	11/25/2017					\$92.84	\$(92.84)	\$0.00
Charge	11/1/2017					\$0.00	\$92.84	\$92.84
		1850475003	58,864		12,880			
Payment	10/27/2017					\$76.38	\$(76.38)	\$0.00
Charge	10/1/2017					\$0.00	\$76.38	\$76.38
		1850475003	57,576		7,180			
Payment	9/27/2017					\$75.62	\$(75.62)	\$0.00
Charge	9/1/2017					\$0.00	\$75.62	\$75.62
		1850475003	56,858		6,620			
Payment	8/26/2017					\$59.31	\$(59.31)	\$0.00
Charge	8/1/2017					\$2.00	\$57.31	\$59.31
		1850475003	56,196		2,610			
Payment	7/28/2017					\$86.94	\$(84.94)	\$2.00
Charge	7/1/2017					\$0.00	\$86.94	\$86.94
		1850475003	55,935		11,750			
Payment	6/29/2017					\$132.10	\$(132.10)	\$0.00
Charge	6/1/2017					\$0.00	\$132.10	\$132.10
		1850475003	54,760		23,680			
Payment	5/26/2017					\$88.05	\$(88.05)	\$0.00
Charge	5/1/2017					\$0.00	\$88.05	\$88.05
		1850475003	52,392		12,220			
Payment	4/26/2017					\$88.51	\$(88.51)	\$0.00
Charge	4/1/2017					\$0.00	\$88.51	\$88.51
		1850475003	51,170		12,410			
Payment	3/30/2017					\$88.60	\$(88.60)	\$0.00
Charge	3/1/2017					\$0.00	\$88.60	\$88.60
		1850475003	49,929		12,450			
Payment	2/25/2017					\$80.27	\$(80.27)	\$0.00

Account: L00682-3

TERRY LALAMA
 134 MAYS RD SE
 MILLEDGEVILLE, GA 31061
 UNITED STATES

Location: SW97THERRD7027

7027 SW 97TH TERRACE ROAD

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	2/1/2017					\$0.00	\$80.27	\$80.27
		1850475003	48,684		8,950			
Payment	1/27/2017					\$85.72	\$(85.72)	\$0.00
Charge	1/1/2017					\$0.00	\$85.72	\$85.72
		1850475003	47,789		11,240			
Payment	12/28/2016					\$99.01	\$(99.01)	\$0.00
Charge	12/1/2016					\$0.00	\$99.01	\$99.01
		1850475003	46,665		16,160			
Payment	11/29/2016					\$101.36	\$(101.36)	\$0.00
Charge	11/1/2016					\$0.00	\$101.36	\$101.36
		1850475003	45,049		16,790			
Payment	10/27/2016					\$80.20	\$(80.20)	\$0.00
Charge	10/1/2016					\$0.00	\$80.20	\$80.20
		1850475003	43,370		10,140			
Payment	9/28/2016					\$82.99	\$(82.99)	\$0.00
Charge	9/1/2016					\$0.00	\$82.99	\$82.99
		1850475003	42,356		11,350			
Payment	8/27/2016					\$127.21	\$(127.21)	\$0.00
Charge	8/1/2016					\$0.00	\$127.21	\$127.21
		1850475003	41,221		23,570			
Payment	7/28/2016					\$99.52	\$(99.52)	\$0.00
Charge	7/1/2016					\$0.00	\$99.52	\$99.52
		1850475003	38,864		17,230			

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: 54C0000

STANLEY MONACO
9730 SW 90TH STREET
OCALA, FL 34481
UNITED STATES

Location: SW090TH0ST09730

9730 SW 90TH STREET

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment Reversal	11/20/2019					\$30.00	\$58.89	\$88.89
NSF Fee	11/20/2019					\$0.00	\$30.00	\$30.00
Payment	11/18/2019					\$58.89	\$(58.89)	\$0.00
Charge	10/23/2019					\$58.89	\$0.00	\$58.89
		1831889098	88,136					
Charge	10/22/2019					\$0.00	\$58.89	\$58.89
		1831889098	88,136		2,230			
Payment	10/17/2019					\$66.45	\$(66.45)	\$0.00
Charge	9/24/2019					\$0.00	\$66.45	\$66.45
		1831889098	87,913		3,270			
Payment	9/19/2019					\$78.25	\$(78.25)	\$0.00
Charge	8/22/2019					\$0.00	\$78.25	\$78.25
		1831889098	87,586		4,890			
Payment	8/19/2019					\$86.33	\$(86.33)	\$0.00
Charge	7/23/2019					\$0.00	\$86.33	\$86.33
		1831889098	87,097		8,940			
Payment	7/18/2019					\$82.41	\$(82.41)	\$0.00
Charge	6/20/2019					\$0.00	\$82.41	\$82.41
		1831889098	86,203		7,300			
Payment	6/17/2019					\$79.28	\$(79.28)	\$0.00
Charge	5/22/2019					\$0.00	\$79.28	\$79.28
		1831889098	85,473		5,160			
Payment	5/20/2019					\$59.69	\$(59.69)	\$0.00
Charge	4/24/2019					\$0.00	\$59.69	\$59.69
		1831889098	84,957		2,340			
Payment	4/22/2019					\$68.78	\$(68.78)	\$0.00
Charge	3/27/2019					\$0.00	\$68.78	\$68.78
		1831889098	84,723		3,590			
Payment	3/25/2019					\$65.73	\$(65.73)	\$0.00
Charge	3/1/2019					\$0.00	\$65.73	\$65.73
		1831889098	84,364		3,170			
Payment	2/28/2019					\$68.42	\$(68.42)	\$0.00

Account: 54C0000

STANLEY MONACO
9730 SW 90TH STREET
OCALA, FL 34481
UNITED STATES

Location: SW090TH0ST09730

9730 SW 90TH STREET

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	2/1/2019					\$0.00	\$68.42	\$68.42
		1831889098	84,047		3,540			
Payment	1/31/2019					\$69.96	\$(69.96)	\$0.00
Charge	1/1/2019					\$0.00	\$69.96	\$69.96
		1831889098	83,693		3,750			
Payment	12/31/2018					\$71.98	\$(71.98)	\$0.00
Charge	12/1/2018					\$0.00	\$71.98	\$71.98
		1831889098	83,318		4,030			
Payment	11/30/2018					\$73.81	\$(73.81)	\$0.00
Charge	11/1/2018					\$0.00	\$73.81	\$73.81
		1831889098	82,915		4,280			
Payment	10/31/2018					\$78.02	\$(78.02)	\$0.00
Charge	10/1/2018					\$0.00	\$78.02	\$78.02
		1831889098	82,487		6,330			
Payment	9/28/2018					\$84.63	\$(84.63)	\$0.00
Charge	9/1/2018					\$0.00	\$84.63	\$84.63
		1831889098	81,854		9,530			
Payment	8/31/2018					\$84.09	\$(84.09)	\$0.00
Charge	8/1/2018					\$0.00	\$84.09	\$84.09
		1831889098	80,901		9,310			
Payment	7/31/2018					\$86.23	\$(86.23)	\$0.00
Charge	7/1/2018					\$0.00	\$86.23	\$86.23
		1831889098	79,970		10,180			
Payment	6/29/2018					\$93.60	\$(93.60)	\$0.00
Charge	6/1/2018					\$0.00	\$93.60	\$93.60
		1831889098	78,952		13,190			
Payment	5/31/2018					\$89.68	\$(89.68)	\$0.00
Charge	5/1/2018					\$0.00	\$89.68	\$89.68
		1831889098	77,633		11,590			
Payment	4/30/2018					\$88.65	\$(88.65)	\$0.00
Charge	4/1/2018					\$0.00	\$88.65	\$88.65
		1831889098	76,474		11,170			
Payment	3/30/2018					\$99.00	\$(99.00)	\$0.00
Charge	3/1/2018					\$0.00	\$99.00	\$99.00
		1831889098	75,357		15,250			
Payment	2/28/2018					\$91.03	\$(91.03)	\$0.00

Account: 54C0000

STANLEY MONACO
9730 SW 90TH STREET
OCALA, FL 34481
UNITED STATES

Location: SW090TH0ST09730

9730 SW 90TH STREET

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	2/1/2018					\$0.00	\$91.03	\$91.03
		1831889098	73,832		12,140			
Payment	1/31/2018					\$93.16	\$(93.16)	\$0.00
Charge	1/1/2018					\$0.00	\$93.16	\$93.16
		1831889098	72,618		13,010			
Payment	12/29/2017					\$90.46	\$(90.46)	\$0.00
Charge	12/1/2017					\$0.00	\$90.46	\$90.46
		1831889098	71,317		11,910			
Payment	11/30/2017					\$60.69	\$(60.69)	\$0.00
Charge	11/1/2017					\$0.00	\$60.69	\$60.69
		1831889098	70,126		2,790			
Payment	10/31/2017					\$90.51	\$(90.51)	\$0.00
Charge	10/1/2017					\$0.00	\$90.51	\$90.51
		1831889098	69,847		13,250			
Payment	9/29/2017					\$89.39	\$(89.39)	\$0.00
Charge	9/1/2017					\$0.00	\$89.39	\$89.39
		1831889098	68,522		12,780			
Payment	8/31/2017					\$86.89	\$(86.89)	\$0.00
Charge	8/1/2017					\$0.00	\$86.89	\$86.89
		1831889098	67,244		11,730			
Payment	7/31/2017					\$76.59	\$(76.59)	\$0.00
Charge	7/1/2017					\$0.00	\$76.59	\$76.59
		1831889098	66,071		7,330			
Payment	6/30/2017					\$85.20	\$(85.20)	\$0.00
Charge	6/1/2017					\$0.00	\$85.20	\$85.20
		1831889098	65,338		11,020			
Payment	5/31/2017					\$80.63	\$(80.63)	\$0.00
Charge	5/1/2017					\$0.00	\$80.63	\$80.63
		1831889098	64,236		9,100			
Payment	4/28/2017					\$79.96	\$(79.96)	\$0.00
Charge	4/1/2017					\$0.00	\$79.96	\$79.96
		1831889098	63,326		8,820			
Payment	3/31/2017					\$82.44	\$(82.44)	\$0.00
Charge	3/1/2017					\$0.00	\$82.44	\$82.44
		1831889098	62,444		9,860			
Payment	2/28/2017					\$82.06	\$(82.06)	\$0.00

Account: 54C0000

STANLEY MONACO
9730 SW 90TH STREET
OCALA, FL 34481
UNITED STATES

Location: SW090TH0ST09730

9730 SW 90TH STREET

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	2/1/2017					\$0.00	\$82.06	\$82.06
		1831889098	61,458		9,700			
Payment	1/31/2017					\$77.91	\$(77.91)	\$0.00
Charge	1/1/2017					\$0.00	\$77.91	\$77.91
		1831889098	60,488		7,960			
Payment	12/30/2016					\$76.14	\$(76.14)	\$0.00
Charge	12/1/2016					\$0.00	\$76.14	\$76.14
		1831889098	59,692		7,000			
Payment	11/30/2016					\$81.84	\$(81.84)	\$0.00
Charge	11/1/2016					\$0.00	\$81.84	\$81.84
		1831889098	58,992		9,610			
Payment	10/31/2016					\$77.77	\$(77.77)	\$0.00
Charge	10/1/2016					\$0.00	\$77.77	\$77.77
		1831889098	58,031		9,090			
Payment	9/30/2016					\$78.84	\$(78.84)	\$0.00
Charge	9/1/2016					\$0.00	\$78.84	\$78.84
		1831889098	57,122		9,550			
Payment	8/31/2016					\$78.19	\$(78.19)	\$0.00
Charge	8/1/2016					\$0.00	\$78.19	\$78.19
		1831889098	56,167		9,270			
Payment	7/29/2016					\$79.41	\$(79.41)	\$0.00
Charge	7/1/2016					\$0.00	\$79.41	\$79.41
		1831889098	55,240		9,800			

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: D17000-1
ALEX LOCAV
18150 NW 88TH AVENUE ROAD
REDDICK, FL 32686
UNITED STATES

Location: SW0920LN9299
9299 SW 92ND LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	7/30/2019					\$57.86	\$10.91	\$68.77
		1830646205	32,774		130			
Charge	7/23/2019					\$0.00	\$57.86	\$57.86
		1830646205	32,761		2,090			
Open Applied	6/25/2019					\$0.00	\$0.00	\$0.00
Payment	6/25/2019					\$473.42	\$(473.42)	\$0.00
Misc Chrg.	6/25/2019					\$400.42	\$73.00	\$473.42
Misc Chrg.	6/24/2019					\$327.42	\$73.00	\$400.42
Charge	6/20/2019					\$262.28	\$65.14	\$327.42
		1830646205	32,552		3,090			
Payment Reversal	5/22/2019					\$101.18	\$161.10	\$262.28
NSF Fee	5/22/2019					\$71.18	\$30.00	\$101.18
Charge	5/22/2019					\$0.00	\$71.18	\$71.18
		1830646205	32,243		3,920			
Payment	5/20/2019					\$161.10	\$(161.10)	\$0.00
Payment Reversal	4/26/2019					\$96.32	\$64.78	\$161.10
NSF Fee	4/26/2019					\$66.32	\$30.00	\$96.32
Charge	4/24/2019					\$0.00	\$66.32	\$66.32
		1830646205	31,851		3,250			
Payment	4/22/2019					\$64.78	\$(64.78)	\$0.00
Charge	3/27/2019					\$0.00	\$64.78	\$64.78
		1830646205	31,526		3,040			
Payment	3/25/2019					\$62.96	\$(62.96)	\$0.00
Charge	3/1/2019					\$0.00	\$62.96	\$62.96
		1830646205	31,222		2,790			
Payment	2/28/2019					\$62.96	\$(62.96)	\$0.00
Charge	2/1/2019					\$0.00	\$62.96	\$62.96
		1830646205	30,943		2,790			
Payment	1/31/2019					\$161.31	\$(161.31)	\$0.00
Payment Reversal	1/4/2019					\$108.25	\$53.06	\$161.31
NSF Fee	1/4/2019					\$78.25	\$30.00	\$108.25

Account: D17000-1
 ALEX LOCAY
 18150 NW 88TH AVENUE ROAD
 REDDICK, FL 32686
 UNITED STATES

Location: SW0920LN9299
 9299 SW 92ND LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Delinquency	1/1/2019					\$48.25	\$30.00	\$78.25
Charge	1/1/2019	1830646205	30,664		770	\$0.00	\$48.25	\$48.25
Payment	12/31/2018					\$53.06	\$(53.06)	\$0.00
Charge	12/1/2018	1830646205	30,587		1,430	\$0.00	\$53.06	\$53.06
Payment	11/30/2018					\$72.50	\$(72.50)	\$0.00
Charge	11/1/2018	1830646205	30,444		4,100	\$0.00	\$72.50	\$72.50
Payment	10/31/2018					\$76.58	\$(76.58)	\$0.00
Charge	10/1/2018	1830646205	30,034		5,300	\$0.00	\$76.58	\$76.58
Payment	9/11/2018					\$77.34	\$(77.34)	\$0.00
Charge	9/1/2018	1830646205	29,504		5,840	\$0.00	\$77.34	\$77.34
Payment	8/15/2018					\$198.66	\$(198.66)	\$0.00
Delinquency	8/1/2018					\$182.66	\$16.00	\$198.66
Payment Reversal	8/1/2018					\$106.33	\$76.33	\$182.66
NSF Fee	8/1/2018					\$76.33	\$30.00	\$106.33
Charge	8/1/2018	1830646205	28,920		5,120	\$0.00	\$76.33	\$76.33
Payment	7/31/2018					\$76.33	\$(76.33)	\$0.00
Charge	7/1/2018	1830646205	28,408		5,120	\$0.00	\$76.33	\$76.33
Payment	6/29/2018					\$78.33	\$(78.33)	\$0.00
Charge	6/1/2018	1830646205	27,896		6,550	\$0.00	\$78.33	\$78.33
Payment	5/31/2018					\$73.57	\$(73.57)	\$0.00
Charge	5/1/2018	1830646205	27,241		4,630	\$0.00	\$73.57	\$73.57
Payment	4/30/2018					\$75.32	\$(75.32)	\$0.00
Charge	4/1/2018	1830646205	26,778		4,880	\$0.00	\$75.32	\$75.32
Payment	3/30/2018					\$77.07	\$(77.07)	\$0.00

Account: D17000-1
 ALEX LOCAY
 18150 NW 88TH AVENUE ROAD
 REDDICK, FL 32686
 UNITED STATES

Location: SW0920LN9299
 9299 SW 92ND LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	3/1/2018					\$0.00	\$77.07	\$77.07
		1830646205	26,290		5,650			
Payment	2/28/2018					\$72.66	\$(72.66)	\$0.00
Charge	2/1/2018					\$0.00	\$72.66	\$72.66
		1830646205	25,725		4,500			
Payment	1/31/2018					\$75.04	\$(75.04)	\$0.00
Charge	1/1/2018					\$0.00	\$75.04	\$75.04
		1830646205	25,275		4,840			
Payment	12/29/2017					\$58.17	\$(58.17)	\$0.00
Charge	12/1/2017					\$0.00	\$58.17	\$58.17
		1830646205	24,791		2,430			
Payment	11/30/2017					\$71.61	\$(71.61)	\$0.00
Charge	11/1/2017					\$0.00	\$71.61	\$71.61
		1830646205	24,548		4,350			
Payment	10/31/2017					\$59.60	\$(59.60)	\$0.00
Charge	10/1/2017					\$0.00	\$59.60	\$59.60
		1830646205	24,113		2,950			
Payment	9/29/2017					\$55.43	\$(55.43)	\$0.00
Charge	9/1/2017					\$0.00	\$55.43	\$55.43
		1830646205	23,818		2,330			
Payment	8/31/2017					\$55.49	\$(55.49)	\$0.00
Charge	8/1/2017					\$0.00	\$55.49	\$55.49
		1830646205	23,585		2,340			
Payment	7/31/2017					\$55.69	\$(55.69)	\$0.00
Charge	7/1/2017					\$0.00	\$55.69	\$55.69
		1830646205	23,351		2,370			
Payment	6/30/2017					\$82.37	\$(82.37)	\$0.00
Charge	6/1/2017					\$0.00	\$82.37	\$82.37
		1830646205	23,114		9,830			
Payment	5/31/2017					\$65.67	\$(65.67)	\$0.00
Charge	5/1/2017					\$0.00	\$65.67	\$65.67
		1830646205	22,131		3,850			
Payment	4/28/2017					\$56.63	\$(56.63)	\$0.00
Charge	4/1/2017					\$0.00	\$56.63	\$56.63
		1830646205	21,746		2,510			
Payment	3/31/2017					\$57.25	\$(57.25)	\$0.00

Account: D17000-1
 ALEX LOCAV
 18150 NW 88TH AVENUE ROAD
 REDDICK, FL 32686
 UNITED STATES

Location: SW0920LN9299
 9299 SW 92ND LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	3/1/2017					\$0.00	\$57.25	\$57.25
		1830646205	21,495		2,600			
Payment	2/28/2017					\$54.01	\$(54.01)	\$0.00
Charge	2/1/2017					\$0.00	\$54.01	\$54.01
		1830646205	21,235		2,120			
Payment	1/31/2017					\$63.79	\$(63.79)	\$0.00
Charge	1/1/2017					\$0.00	\$63.79	\$63.79
		1830646205	21,023		3,570			
Payment	12/30/2016					\$81.44	\$(81.44)	\$0.00
Charge	12/1/2016					\$0.00	\$81.44	\$81.44
		1830646205	20,666		9,440			
Payment	11/30/2016					\$82.87	\$(82.87)	\$0.00
Charge	11/1/2016					\$0.00	\$82.87	\$82.87
		1830646205	19,722		10,040			
Payment	10/31/2016					\$54.51	\$(54.51)	\$0.00
Charge	10/1/2016					\$0.00	\$54.51	\$54.51
		1830646205	18,718		2,490			
Payment	9/30/2016					\$53.28	\$(53.28)	\$0.00
Charge	9/1/2016					\$0.00	\$53.28	\$53.28
		1830646205	18,469		2,300			
Payment	8/31/2016					\$104.53	\$(104.53)	\$0.00
Charge	8/1/2016					\$0.00	\$104.53	\$104.53
		1830646205	18,239		18,610			
Payment	7/29/2016					\$57.49	\$(57.49)	\$0.00
Charge	7/1/2016					\$0.00	\$57.49	\$57.49
		1830646205	16,378		2,950			

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: 2858A0-R1

JAMES HEIN
9698A SW 94TH AVENUE
OCALA, FL 34481
UNITED STATES

Location: SW0940AV9698A

9698A SW 94TH AVENUE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	7/26/2019					\$122.83	\$0.00	\$122.83
		1546970700	10,387					
Open Applied	7/23/2019					\$122.83	\$0.00	\$122.83
Misc Chrg.	7/23/2019					\$68.83	\$54.00	\$122.83
Charge	7/23/2019					\$(22.37)	\$91.20	\$68.83
		1546970700	10,387		7,370			
Payment	7/1/2019					\$177.63	\$(200.00)	\$(22.37)
Charge	6/20/2019					\$84.89	\$92.74	\$177.63
		1546970700	9,650		4,180			
Open Applied	5/22/2019					\$84.89	\$0.00	\$84.89
Charge	5/22/2019					\$(0.87)	\$85.76	\$84.89
		1546970700	9,232		3,880			
Payment	5/20/2019					\$63.13	\$(64.00)	\$(0.87)
Payment	5/20/2019					\$86.13	\$(23.00)	\$63.13
Open Applied	4/24/2019					\$86.13	\$0.00	\$86.13
Charge	4/24/2019					\$(0.07)	\$86.20	\$86.13
		1546970700	8,844		4,120			
Payment	4/22/2019					\$26.93	\$(27.00)	\$(0.07)
Payment	4/22/2019					\$49.93	\$(50.00)	\$(0.07)
Open Applied	3/27/2019					\$76.93	\$0.00	\$76.93
Charge	3/27/2019					\$(3.28)	\$80.21	\$76.93
		1546970700	8,432		4,120			
Payment	3/21/2019					\$81.72	\$(85.00)	\$(3.28)
Open Applied	3/1/2019					\$81.72	\$0.00	\$81.72
Charge	3/1/2019					\$(0.14)	\$81.86	\$81.72
		1546970700	8,020		5,160			
Payment	2/28/2019					\$77.86	\$(78.00)	\$(0.14)
Payment	2/1/2019					\$156.86	\$(79.00)	\$77.86
Charge	2/1/2019					\$79.00	\$77.86	\$156.86
		1546970700	7,504		3,850			
Open Applied	1/1/2019					\$79.00	\$0.00	\$79.00

Account: 2858A0-R1

JAMES HEIN
9698A SW 94TH AVENUE
OCALA, FL 34481
UNITED STATES

Location: SW0940AV9698A

9698A SW 94TH AVENUE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	1/1/2019					\$(1.26)	\$80.26	\$79.00
		1546970700	7,119		4,750			
Payment	12/27/2018					\$78.74	\$(80.00)	\$(1.26)
Open Applied	12/1/2018					\$78.74	\$0.00	\$78.74
Charge	12/1/2018					\$(0.35)	\$79.09	\$78.74
		1546970700	6,644		4,010			
Payment	11/20/2018					\$88.65	\$(89.00)	\$(0.35)
Charge	11/1/2018					\$0.00	\$88.65	\$88.65
		1546970700	6,243		3,930			
Payment	10/25/2018					\$70.97	\$(70.97)	\$0.00
Payment	10/25/2018					\$5.00	\$(5.00)	\$0.00
Open Applied	10/1/2018					\$75.97	\$0.00	\$75.97
Charge	10/1/2018					\$(0.79)	\$76.76	\$75.97
		1546970700	5,850		4,000			
Payment	9/27/2018					\$83.21	\$(84.00)	\$(0.79)
Open Applied	9/1/2018					\$83.21	\$0.00	\$83.21
Charge	9/1/2018					\$(0.32)	\$83.53	\$83.21
		1546970700	5,450		5,100			
Payment	8/15/2018					\$83.68	\$(84.00)	\$(0.32)
Open Applied	8/1/2018					\$83.68	\$0.00	\$83.68
Charge	8/1/2018					\$(0.01)	\$83.69	\$83.68
		1546970700	4,940		5,650			
Payment	7/19/2018					\$85.04	\$(85.05)	\$(0.01)
Open Applied	7/1/2018					\$85.04	\$0.00	\$85.04
Charge	7/1/2018					\$(0.02)	\$85.06	\$85.04
		1546970700	4,375		6,330			
Payment	6/28/2018					\$85.98	\$(86.00)	\$(0.02)
Open Applied	6/1/2018					\$85.98	\$0.00	\$85.98
Charge	6/1/2018					\$(0.71)	\$86.69	\$85.98
		1546970700	3,742		5,480			
Payment	5/21/2018					\$79.29	\$(80.00)	\$(0.71)
Open Applied	5/1/2018					\$79.29	\$0.00	\$79.29

Account: 2858A0-R1

JAMES HEIN
9698A SW 94TH AVENUE
OCALA, FL 34481
UNITED STATES

Location: SW0940AV9698A

9698A SW 94TH AVENUE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	5/1/2018					\$(0.82)	\$80.11	\$79.29
		1546970700	3,194		5,240			
Payment	4/23/2018					\$75.18	\$(76.00)	\$(0.82)
Open Applied	4/1/2018					\$75.18	\$0.00	\$75.18
Charge	4/1/2018					\$(1.88)	\$77.06	\$75.18
		1546970700	2,670		4,210			
Payment	3/22/2018					\$78.12	\$(80.00)	\$(1.88)
Open Applied	3/1/2018					\$78.12	\$0.00	\$78.12
Charge	3/1/2018					\$(1.67)	\$79.79	\$78.12
		1546970700	2,249		4,810			
Payment	2/16/2018					\$63.33	\$(65.00)	\$(1.67)
Open Applied	2/1/2018					\$63.33	\$0.00	\$63.33
Charge	2/1/2018					\$(7.74)	\$71.07	\$63.33
		1546970700	1,768		4,080			
Payment	1/25/2018					\$72.26	\$(80.00)	\$(7.74)
Open Applied	1/1/2018					\$72.26	\$0.00	\$72.26
Charge	1/1/2018					\$(3.16)	\$75.42	\$72.26
		1546970700	1,360		4,430			
Payment	12/18/2017					\$86.84	\$(90.00)	\$(3.16)
Charge	12/1/2017					\$0.00	\$86.84	\$86.84
		1546970700	917		4,740			
Payment	11/16/2017					\$78.00	\$(78.00)	\$0.00
Open Applied	11/1/2017					\$78.00	\$0.00	\$78.00
Charge	11/1/2017					\$(0.36)	\$78.36	\$78.00
		1546970700	443					
Payment	10/19/2017					\$79.64	\$(80.00)	\$(0.36)
Open Applied	10/1/2017					\$79.64	\$0.00	\$79.64
Charge	10/1/2017					\$(0.09)	\$79.73	\$79.64
		1820842668	46,274		4,560			
Payment	9/26/2017					\$76.91	\$(77.00)	\$(0.09)
Open Applied	9/1/2017					\$76.91	\$0.00	\$76.91
Charge	9/1/2017					\$(1.15)	\$78.06	\$76.91
		1820842668	45,818		4,320			
Payment	8/21/2017					\$78.85	\$(80.00)	\$(1.15)

Account: 2858A0-R1

JAMES HEIN
9698A SW 94TH AVENUE
OCALA, FL 34481
UNITED STATES

Location: SW0940AV9698A

9698A SW 94TH AVENUE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Open Applied	8/1/2017					\$78.85	\$0.00	\$78.85
Charge	8/1/2017	1820842668	45,386		4,990	\$(0.10)	\$78.95	\$78.85
Payment	7/14/2017					\$77.90	\$(78.00)	\$(0.10)
Open Applied	7/1/2017					\$77.90	\$0.00	\$77.90
Charge	7/1/2017	1820842668	44,887		4,700	\$(1.83)	\$79.73	\$77.90
Payment	6/27/2017					\$78.17	\$(80.00)	\$(1.83)
Open Applied	6/1/2017					\$78.17	\$0.00	\$78.17
Charge	6/1/2017	1820842668	44,417		4,070	\$(0.83)	\$79.00	\$78.17
Payment	5/22/2017					\$86.17	\$(87.00)	\$(0.83)
Open Applied	5/1/2017					\$86.17	\$0.00	\$86.17
Charge	5/1/2017	1820842668	44,010		4,620	\$(0.70)	\$86.87	\$86.17
Payment	4/18/2017					\$77.30	\$(78.00)	\$(0.70)
Open Applied	4/1/2017					\$77.30	\$0.00	\$77.30
Charge	4/1/2017	1820842668	43,548		4,770	\$(0.58)	\$77.88	\$77.30
Payment	3/14/2017					\$77.42	\$(78.00)	\$(0.58)
Open Applied	3/1/2017					\$77.42	\$0.00	\$77.42
Charge	3/1/2017	1820842668	43,071		4,930	\$(0.88)	\$78.30	\$77.42
Payment	2/21/2017					\$73.12	\$(74.00)	\$(0.88)
Open Applied	2/1/2017					\$73.12	\$0.00	\$73.12
Charge	2/1/2017	1820842668	42,578		4,520	\$(0.10)	\$73.22	\$73.12
Payment	1/23/2017					\$81.90	\$(82.00)	\$(0.10)
Charge	1/1/2017	1820842668	42,126		4,810	\$0.00	\$81.90	\$81.90
Payment	12/19/2016					\$86.78	\$(86.78)	\$0.00
Open Applied	12/1/2016					\$86.78	\$0.00	\$86.78

Account: 2858A0-R1

JAMES HEIN
9698A SW 94TH AVENUE
OCALA, FL 34481
UNITED STATES

Location: SW0940AV9698A

9698A SW 94TH AVENUE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	12/1/2016					\$(3.69)	\$90.47	\$86.78
		1820842668	41,645		5,200			
Payment	11/16/2016					\$96.31	\$(100.00)	\$(3.69)
Open Applied	11/1/2016					\$96.31	\$0.00	\$96.31
Charge	11/1/2016					\$(0.44)	\$96.75	\$96.31
		1820842668	41,125		5,180			
Payment	10/25/2016					\$90.56	\$(91.00)	\$(0.44)
Open Applied	10/1/2016					\$90.56	\$0.00	\$90.56
Charge	10/1/2016					\$(0.57)	\$91.13	\$90.56
		1820842668	40,607		5,740			
Payment	9/26/2016					\$5.43	\$(6.00)	\$(0.57)
Payment	9/26/2016					\$70.43	\$(71.00)	\$(0.57)
Open Applied	9/1/2016					\$76.43	\$0.00	\$76.43
Charge	9/1/2016					\$(3.05)	\$79.48	\$76.43
		1820842668	40,033		5,580			
Payment	8/31/2016					\$86.95	\$(90.00)	\$(3.05)
Open Applied	8/1/2016					\$86.95	\$0.00	\$86.95
Charge	8/1/2016					\$(0.18)	\$87.13	\$86.95
		1820842668	39,475		6,210			
Payment	7/27/2016					\$81.82	\$(82.00)	\$(0.18)
Open Applied	7/1/2016					\$81.82	\$0.00	\$81.82
Charge	7/1/2016					\$(0.27)	\$82.09	\$81.82
		1820842668	38,854		5,940			
Charge	6/30/2016					\$0.00	\$(0.27)	\$(0.27)

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: 5012C0

SHERRON AMES
152 FRANKLIN CT
BYRON, GA 31008
UNITED STATES

Location: SW0940LN8981C

8981C SW 94TH LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Adjustment	10/23/2019					\$137.46	\$(30.00)	\$107.46
Delinquency	9/5/2019					\$107.46	\$30.00	\$137.46
Payment Reversal	5/22/2019					\$30.00	\$77.46	\$107.46
NSF Fee	5/22/2019					\$0.00	\$30.00	\$30.00
Payment	5/20/2019					\$77.46	\$(77.46)	\$0.00
Charge	5/7/2019					\$77.46	\$0.00	\$77.46
		1820530250	36,622					
Charge	4/24/2019					\$0.00	\$77.46	\$77.46
		1820530250	36,622		450			
Payment	4/22/2019					\$60.52	\$(60.52)	\$0.00
Charge	3/27/2019					\$0.00	\$60.52	\$60.52
		1820530250	36,577		450			
Payment	3/25/2019					\$52.06	\$(52.06)	\$0.00
Charge	3/1/2019					\$0.00	\$52.06	\$52.06
		1820530250	36,532		210			
Payment	2/28/2019					\$49.76	\$(49.76)	\$0.00
Charge	2/1/2019					\$0.00	\$49.76	\$49.76
		1820530250	36,511		20			
Payment	1/31/2019					\$50.37	\$(50.37)	\$0.00
Charge	1/1/2019					\$0.00	\$50.37	\$50.37
		1820530250	36,509		120			
Payment	12/31/2018					\$53.65	\$(53.65)	\$0.00
Charge	12/1/2018					\$0.00	\$53.65	\$53.65
		1820530250	36,497		10			
Payment	11/23/2018					\$77.96	\$(77.96)	\$0.00
Service Fee	11/23/2018					\$76.81	\$1.15	\$77.96
Charge	11/1/2018					\$0.00	\$76.81	\$76.81
		1820530250	36,496		2,070			
Payment	10/31/2018					\$83.09	\$(83.09)	\$0.00
Charge	10/1/2018					\$0.00	\$83.09	\$83.09
		1820530250	36,289		2,800			
Payment	9/28/2018					\$79.41	\$(79.41)	\$0.00

Account: 5012C0SHERRON AMES
152 FRANKLIN CT
BYRON, GA 31008
UNITED STATES**Location: SW0940LN8981C**

8981C SW 94TH LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	9/1/2018					\$0.00	\$79.41	\$79.41
		1820530250	36,009		2,940			
Payment	8/31/2018					\$66.26	\$(66.26)	\$0.00
Charge	8/1/2018					\$0.00	\$66.26	\$66.26
		1820530250	35,715		2,650			
Payment	7/31/2018					\$79.60	\$(79.60)	\$0.00
Charge	7/1/2018					\$0.00	\$79.60	\$79.60
		1820530250	35,450		2,520			
Payment	6/29/2018					\$97.89	\$(97.89)	\$0.00
Charge	6/1/2018					\$0.00	\$97.89	\$97.89
		1820530250	35,198		3,200			
Payment	5/31/2018					\$90.59	\$(90.59)	\$0.00
Charge	5/1/2018					\$0.00	\$90.59	\$90.59
		1820530250	34,878		3,040			
Payment	4/30/2018					\$76.10	\$(76.10)	\$0.00
Charge	4/1/2018					\$0.00	\$76.10	\$76.10
		1820530250	34,574		2,870			
Payment	3/30/2018					\$68.69	\$(68.69)	\$0.00
Charge	3/1/2018					\$0.00	\$68.69	\$68.69
		1820530250	34,287		3,390			
Payment	2/28/2018					\$63.29	\$(63.29)	\$0.00
Charge	2/1/2018					\$0.00	\$63.29	\$63.29
		1820530250	33,948		2,720			
Payment	1/31/2018					\$65.41	\$(65.41)	\$0.00
Charge	1/1/2018					\$0.00	\$65.41	\$65.41
		1820530250	33,676		2,790			
Payment	12/29/2017					\$68.28	\$(68.28)	\$0.00
Charge	12/1/2017					\$0.00	\$68.28	\$68.28
		1820530250	33,397		2,920			
Payment	11/17/2017					\$78.20	\$(78.20)	\$0.00
Charge	11/1/2017					\$0.00	\$78.20	\$78.20
		1820530250	33,105		3,020			
Payment	10/31/2017					\$69.78	\$(69.78)	\$0.00
Charge	10/1/2017					\$0.00	\$69.78	\$69.78
		1820530250	32,803		2,840			
Payment	9/22/2017					\$63.70	\$(63.70)	\$0.00

Account: 5012C0

SHERRON AMES
152 FRANKLIN CT
BYRON, GA 31008
UNITED STATES

Location: SW0940LN8981C

8981C SW 94TH LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	9/1/2017					\$0.00	\$63.70	\$63.70
		1820530250	32,519		2,710			
Payment	8/31/2017					\$65.17	\$(65.17)	\$0.00
Charge	8/1/2017					\$0.00	\$65.17	\$65.17
		1820530250	32,248		2,730			
Payment	7/31/2017					\$63.05	\$(63.05)	\$0.00
Charge	7/1/2017					\$0.00	\$63.05	\$63.05
		1820530250	31,975		2,750			
Payment	6/30/2017					\$79.50	\$(79.50)	\$0.00
Charge	6/1/2017					\$0.00	\$79.50	\$79.50
		1820530250	31,700		2,640			
Payment	5/31/2017					\$79.54	\$(79.54)	\$0.00
Charge	5/1/2017					\$0.00	\$79.54	\$79.54
		1820530250	31,436		2,590			
Payment	4/28/2017					\$88.19	\$(88.19)	\$0.00
Charge	4/1/2017					\$0.00	\$88.19	\$88.19
		1820530250	31,177		2,720			
Payment	3/31/2017					\$70.52	\$(70.52)	\$0.00
Charge	3/1/2017					\$0.00	\$70.52	\$70.52
		1820530250	30,905		2,750			
Payment	2/28/2017					\$74.52	\$(74.52)	\$0.00
Charge	2/1/2017					\$0.00	\$74.52	\$74.52
		1820530250	30,630		2,700			
Payment	1/31/2017					\$73.46	\$(73.46)	\$0.00
Charge	1/1/2017					\$0.00	\$73.46	\$73.46
		1820530250	30,360		2,530			
Payment	12/30/2016					\$72.55	\$(72.55)	\$0.00
Charge	12/1/2016					\$0.00	\$72.55	\$72.55
		1820530250	30,107		2,920			
Payment	11/17/2016					\$73.43	\$(73.43)	\$0.00
Charge	11/1/2016					\$0.00	\$73.43	\$73.43
		1820530250	29,815		2,710			
Payment	10/13/2016					\$77.18	\$(77.18)	\$0.00
Charge	10/1/2016					\$0.00	\$77.18	\$77.18
		1820530250	29,544		2,690			
Payment	9/15/2016					\$67.45	\$(67.45)	\$0.00

Account: 5012C0

SHERRON AMES
152 FRANKLIN CT
BYRON, GA 31008
UNITED STATES

Location: SW0940LN8981C

8981C SW 94TH LANE

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	9/1/2016					\$0.00	\$67.45	\$67.45
		1820530250	29,275		2,670			
Payment	8/16/2016					\$85.49	\$(85.49)	\$0.00
Charge	8/1/2016					\$0.00	\$85.49	\$85.49
		1820530250	29,008		2,610			
Payment	7/19/2016					\$80.15	\$(80.15)	\$0.00
Charge	7/1/2016					\$0.00	\$80.15	\$80.15
		1820530250	28,747		1,760			

**BAY LAUREL CENTER CDD
Account History - Detailed**

Account: 2920A0-1
SAMUEL STEIN
8470 SW 79TH STREET ROAD
SUITE 3
OCALA, FL 34481
UNITED STATES

Location: SW0950CT9662A
9662A SW 95TH COURT

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	4/23/2019					\$11.57	\$12.86	\$24.43
		1546287662	1,442		10			
Adjustment	4/5/2019					\$0.00	\$11.57	\$11.57
Payment	4/4/2019					\$85.69	\$(85.69)	\$0.00
Payment	3/29/2019					\$139.40	\$(53.71)	\$85.69
Payment Reversal	3/27/2019					\$85.69	\$53.71	\$139.40
NSF Fee	3/27/2019					\$55.69	\$30.00	\$85.69
Charge	3/27/2019					\$0.00	\$55.69	\$55.69
		1546287662	1,441					
Payment	3/25/2019					\$53.71	\$(53.71)	\$0.00
Charge	3/1/2019					\$0.00	\$53.71	\$53.71
		1546287662	1,441		530			
Payment	2/14/2019					\$46.78	\$(46.78)	\$0.00
Charge	2/1/2019					\$0.00	\$46.78	\$46.78
		1546287662	1,388					
Payment	1/23/2019					\$45.30	\$(45.30)	\$0.00
Charge	1/1/2019					\$0.00	\$45.30	\$45.30
		1546287662	1,388		10			
Payment	12/31/2018					\$50.03	\$(50.03)	\$0.00
Charge	12/1/2018					\$0.00	\$50.03	\$50.03
		1546287662	1,387		490			
Payment	11/30/2018					\$55.41	\$(55.41)	\$0.00
Charge	11/1/2018					\$0.00	\$55.41	\$55.41
		1546287662	1,338					
Payment	10/31/2018					\$63.36	\$(63.36)	\$0.00
Charge	10/1/2018					\$0.00	\$63.36	\$63.36
		1546287662	1,338		1,010			
Payment	9/28/2018					\$63.73	\$(63.73)	\$0.00
Charge	9/1/2018					\$0.00	\$63.73	\$63.73
		1546287662	1,237		980			
Payment	8/31/2018					\$52.93	\$(52.93)	\$0.00

Account: 2920A0-1
 SAMUEL STEIN
 8470 SW 79TH STREET ROAD
 SUITE 3
 OCALA, FL 34481
 UNITED STATES

Location: SW0950CT9662A
 9662A SW 95TH COURT

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	8/1/2018					\$0.00	\$52.93	\$52.93
		1546287662	1,139		950			
Payment	7/31/2018					\$59.70	\$(59.70)	\$0.00
Charge	7/1/2018					\$0.00	\$59.70	\$59.70
		1546287662	1,044		780			
Payment	6/29/2018					\$68.68	\$(68.68)	\$0.00
Charge	6/1/2018					\$0.00	\$68.68	\$68.68
		1546287662	966		1,100			
Payment	5/31/2018					\$77.66	\$(77.66)	\$0.00
Charge	5/1/2018					\$0.00	\$77.66	\$77.66
		1546287662	856		940			
Payment	4/30/2018					\$66.17	\$(66.17)	\$0.00
Charge	4/1/2018					\$0.00	\$66.17	\$66.17
		1546287662	762		970			
Payment	3/30/2018					\$65.84	\$(65.84)	\$0.00
Charge	3/1/2018					\$0.00	\$65.84	\$65.84
		1546287662	665		1,150			
Payment	2/28/2018					\$54.47	\$(54.47)	\$0.00
Charge	2/1/2018					\$0.00	\$54.47	\$54.47
		1546287662	550		930			
Payment	1/31/2018					\$58.04	\$(58.04)	\$0.00
Charge	1/1/2018					\$0.00	\$58.04	\$58.04
		1546287662	457		980			
Payment	12/29/2017					\$65.56	\$(65.56)	\$0.00
Charge	12/1/2017					\$0.00	\$65.56	\$65.56
		1546287662	359		1,000			
Payment	11/30/2017					\$70.38	\$(70.38)	\$0.00
Charge	11/1/2017					\$0.00	\$70.38	\$70.38
		1546287662	259		950			
Payment	10/31/2017					\$71.34	\$(71.34)	\$0.00
Charge	10/1/2017					\$0.00	\$71.34	\$71.34
		1546287662	164		1,120			
Payment	9/29/2017					\$64.53	\$(64.53)	\$0.00
Charge	9/1/2017					\$0.00	\$64.53	\$64.53
		1546287662	52					
Payment	8/31/2017					\$55.84	\$(55.84)	\$0.00

Account: 2920A0-1
 SAMUEL STEIN
 8470 SW 79TH STREET ROAD
 SUITE 3
 OCALA, FL 34481
 UNITED STATES

Location: SW0950CT9662A
 9662A SW 95TH COURT

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Charge	8/1/2017	1821067925	15,339		970	\$0.00	\$55.84	\$55.84
Payment	7/31/2017					\$61.88	\$(61.88)	\$0.00
Charge	7/1/2017	1821067925	15,242		1,170	\$0.00	\$61.88	\$61.88
Payment	6/30/2017					\$69.96	\$(69.96)	\$0.00
Charge	6/1/2017	1821067925	15,125		1,030	\$0.00	\$69.96	\$69.96
Payment	5/31/2017					\$70.32	\$(70.32)	\$0.00
Charge	5/1/2017	1821067925	15,022		900	\$0.00	\$70.32	\$70.32
Payment	4/28/2017					\$60.66	\$(60.66)	\$0.00
Charge	4/1/2017	1821067925	14,932		870	\$0.00	\$60.66	\$60.66
Payment	3/31/2017					\$57.04	\$(57.04)	\$0.00
Charge	3/1/2017	1821067925	14,845		1,030	\$0.00	\$57.04	\$57.04
Payment	2/28/2017					\$52.60	\$(52.60)	\$0.00
Charge	2/1/2017	1821067925	14,742		970	\$0.00	\$52.60	\$52.60
Payment	1/31/2017					\$53.58	\$(53.58)	\$0.00
Charge	1/1/2017	1821067925	14,645		1,070	\$0.00	\$53.58	\$53.58
Payment	12/30/2016					\$60.73	\$(60.73)	\$0.00
Charge	12/1/2016	1821067925	14,538		1,130	\$0.00	\$60.73	\$60.73
Payment	11/30/2016					\$69.33	\$(69.33)	\$0.00
Charge	11/1/2016	1821067925	14,425		1,030	\$0.00	\$69.33	\$69.33
Payment	10/31/2016					\$69.36	\$(69.36)	\$0.00
Charge	10/1/2016	1821067925	14,322		1,130	\$0.00	\$69.36	\$69.36
Payment	9/30/2016					\$67.74	\$(67.74)	\$0.00
Charge	9/1/2016	1821067925	14,209		880	\$0.00	\$67.74	\$67.74

Account: 2920A0-1
 SAMUEL STEIN
 8470 SW 79TH STREET ROAD
 SUITE 3
 OCALA, FL 34481
 UNITED STATES

Location: SW0950CT9662A
 9662A SW 95TH COURT

Trans. Type	Date	Meter No.	Curr Reading	Curr Date	Billed Usage	Prev. Bal	Amount	Balance
Payment	8/31/2016					\$70.38	\$(70.38)	\$0.00
Charge	8/1/2016	1821067925	14,121		1,180	\$0.00	\$70.38	\$70.38
Payment	7/29/2016					\$72.88	\$(72.88)	\$0.00
Charge	7/1/2016	1821067925	14,003		1,150	\$0.00	\$72.88	\$72.88

SECTION XIII

SECTION C

SECTION 1

Bay Laurel Center
Community Development District
Check Register Summary
May 1, 2020 through July 31, 2020

Date	Check #'s	Month	Amount
5/31/20	11601-11722	May	\$ 631,891.20
6/30/20	11723-11833	June	\$ 659,604.54
7/31/20	11834-11959	July	\$ 574,778.18
Total			\$ 1,866,273.92

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
7/10/20	00121	4/20/20	202004	300-20700	-10300			V	118.26		
			REFUND SECURITY DEPOSIT								
4/20/20	123000	4/20/20	202004	300-20700	-10300			V	118.26		
			REFUND SECURITY DEPOSIT								
4/20/20	123000	4/20/20	202004	300-20700	-10300			V	118.26		
			REFUND SECURITY DEPOSIT								
4/20/20	123000	4/20/20	202004	300-20700	-10300			V	118.26		
			REFUND SECURITY DEPOSIT								
FRIENDSHIP CENTER GOLF CARS											
5/04/20	00193	4/14/20	202004	340-53600	-41100			*	867.48		473.04-011579
			PRINTING SERVICES								
4/14/20	29601	4/14/20	202004	340-53600	-41200			*	72.29		
			PDF								
4/14/20	29601	4/14/20	202004	340-53600	-42000			*	23.80		
			MISCELLANEOUS								
4/16/20	20852020	4/16/20	202004	340-53600	-42000			*	2,662.24		
			POSTAGE								
ARISTA											
5/04/20	00888	4/20/20	20512900	202004	350-53600	-50000		*	47.95		3,625.81 011601
			DIPPOSABLE FACE MASKS								
5/04/20	01036	5/01/20	1005608-	202005	340-53600	-40900		*	540.00		47.95 011602
			LS FIBER-WIRELESS								
BRIDGENET COMMUNICATIONS											
5/04/20	01418	4/23/20	J27IND-3	202004	300-20700	-10301		*	54.00		540.00 011603
			REFUND SECURITY DEPOSIT								
LINDA BOOKBINDER											
5/04/20	00279	4/18/20	M17203	202004	340-53600	-41200		*	13,860.00		54.00 011604
			ANNUAL MAINT & TECH SUPP								
CONTINENTAL UTILITY SOLUTIONS, INC.											
5/04/20	01420	4/23/20	L02485-1	202004	300-20700	-10301		*	99.63		13,860.00 011605
			REFUND SECURITY DEPOSIT								
TIA COMBS											
5/04/20	00092	4/28/20	10011952	202004	340-53600	-45000		*	281.00		99.63 011606
			ADD.PREMIUM/ADD PROPERTY								
EGIS INSURANCE ADVISORS, LLC.											
5/04/20	00006	4/21/20	69908260	202004	340-53600	-42000		*	22.87		281.00 011607
			FED EX EXPRESS SERVICES								
FED EX											
											22.87 011608
BAYL BAY LAUREL HSMITH											

*** CHECK DATES 05/01/2020 - 07/31/2020 *** BAY LAUREL CDD-WATER & SEWER
 BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
5/04/20	00388	4/22/20	14061	202004	330-53600-12500			FKC ACTUARIAL SERVICES	*	1,500.00		1,500.00
5/04/20	00093	4/29/20	2150195	202004	310-53600-31100			FLORIDA LEAGUE OF CITIES, INC.	*	960.00		1,500.00 011609
5/04/20	00044	4/01/20	185	202004	340-53600-42000			GAI CONSULTANTS	*	17.99		960.00 011610
4/01/20	185	POSTAGE								404.48		
4/01/20	185	ANSAFONE								89.00		
4/01/20	185	MIGHTY PROBE								300.55		
4/01/20	185	DITCH WITCH								149.00		
4/01/20	185	NST-SKILL PATH CS TRAIN.										
5/04/20	00733	4/15/20	438846	202004	340-53600-51100			GOVERNMENTAL MANAGEMENT SERVICES	*	33.63		961.02 011611
5/04/20	00198	4/14/20	34450875	202004	340-53600-51100			SHRED XXPRESS LLC	*	62.99		33.63 011612
5/04/20	01419	4/23/20	W05562-2	202004	300-20700-10301			STAPLES ADVANTAGE	*	22.30		62.99 011613
5/08/20	00162	4/30/20	81513	202004	350-53600-47700			WILLIAM WOOD	*	3,035.25		22.30 011614
5/08/20	00723	5/06/20	050620	202004	330-53600-12500			AMERICAN PIPE & TANK, INC.	*	35.88		4,465.25 011615
5/08/20	00738	4/29/20	2327205	202004	350-53600-47000			CHRISTOPHER CARTER	*	829.63		71.76 011616
								DEERE CREDIT, INC.				829.63 011617

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO... YRMO DPT ACCT# SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/08/20 01385		5/01/20 160003	202004 340-53600-43500		DOCUMENT TECHNOLOGIES OF NCF	*	45.51	45.51 011618
		APRIL OVERAGE						
5/08/20 00742		5/01/20 14520348	202005 340-53600-43500		FLORIDA ICE MACHINE RENTAL	*	117.00	117.00 011619
		MAY ICE MACHINE RENTAL						
5/08/20 00727		5/06/20 050620	202005 330-53600-12500		FLORIDA ICE MACHINE SERVICES, LLC	*	24.15	24.15 011620
		5/2 MILEAGE						
5/08/20 00859		12/16/19 3282	202004 350-53600-47750		DUSTIN FREDIEU	*	23.00	23.00 011621
		TRUCK DECALS						
5/08/20 00272		4/29/20 11939152	202004 350-53600-46200		GRE, LLC	*	404.00	404.00 011622
		GEL PROBE W/CABLE						
4/29/20 11941049		202004 350-53600-47500				*	38.29	38.29 011623
		ELECTRODE CLING SOLUTION						
4/30/20 11941302		202004 350-53600-46200				*	1,123.65	1,123.65 011624
		AUTOCAT 9000 REPAIR						
5/08/20 00271		5/06/20 050620	202005 330-53600-12500		HACH	*	47.38	47.38 011625
		5/2 & 5/3 MILEAGE						
5/08/20 00789		4/24/20 4705224	202004 350-53600-47500		MARK HAVENS	*	1,525.15	1,525.15 011626
		CHLORINE & HYDRATED LIME						
5/08/20 00955		4/30/20 IV4969	202004 340-53600-40900		HAWKINS, INC.	*	108.61	108.61 011627
		APRIL MAINT & COMM						
5/08/20 00328		4/22/20 83138-IN	202004 350-53600-46600		IVR TECHNOLOGY GROUP, LLC	*	172.00	172.00 011628
		400 SQ FT SOD						
4/28/20 83144-IN		202004 350-53600-46600				*	172.00	172.00 011629
		400 SQ ST SOD						
5/08/20 01421		4/15/20 WN138-1	202004 300-11500-10000		LAKE JEM FARMS, INC.	*	78.81	78.81 011630
		REFUND CREDIT BALANCE						
					BRENDA MILLING			

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
 BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/08/20	00205	5/06/20	050620	202005	340	53600	41200			*	1,240.00	1,240.00 011628	
			MAY IT SERVICE										
5/08/20	00033	4/30/20	043020	202004	340	53600	42000			*	27.75		
			APRIL POSTAGE										
5/06/20	050620	202005	300-15500-10000							*	6,425.96		
			JUNE OFFICE LEASE										
5/06/20	050620BI	202005	300-15500-10000							*	4,471.31		
			JUNE 2020 BIOSOLIDS										
			ON TOP OF THE WORLD COMMUNITIES LLC										10,925.02 011629
5/08/20	00873	5/08/20	050820	202005	340	53600	51100			*	452.49		
			TV FOR WTP										
5/08/20	050820	202005	340-53600-42000							*	46.93		
			SHIPPING FOR HACH REPAIR										
			PETTY CASH C/O SARAH COOPER										499.42 011630
5/08/20	00108	5/05/20	RC-6878	202005	350	53600	47600			*	3,850.00		
			METER CALIBRATIONS										
5/05/20	RC-6878	202005	300-11500-12000							*	2,100.00		
			METER CALIBRATIONS/SCACSW										
			ROCHA CONTROLS										5,950.00 011631
5/08/20	00829	4/29/20	623481	202004	350	53600	50000			*	54.76		
			SAFETY SIGNS										
5/05/20	624736	202005	350-53600-50000							*	18.93		
			SAFETY SIGNS										
			SAFETY PRODUCTS INC.										73.69 011632
5/08/20	00082	5/04/20	72841	202005	300	14100	10000			*	26,230.63		
			METERS, BOXES, LIDS, ANTEN										
			SUNSTATE METER & SUPPLY, INC.										26,230.63 011633
5/08/20	00173	5/01/20	1516834	202005	330	53600	12700			*	15.99		
			SCHMALZ BELT										
5/01/20	1517115	202005	330-53600-12700							*	1.04		
			UNIFORMS LESS OVERPYMT										
			UNIFIRST										17.03 011634
5/08/20	00191	4/22/20	214438	202004	350	53600	50000			*	77.14		
			MARKERS & ADHESIVE										
4/24/20	217158	202004	350-53600-46200							*	497.00		
			1/2 HP SEWAGE PUMP										
4/28/20	220104	202004	350-53600-50000							*	105.26		
			CONFINED SPACE MARKERS										
			USABLEBOOK										679.40 011635

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/08/20	00192	4/27/20	163957	202004	340	53600	40900		VERTEKS CONSULTING, INC.	*	1,844.00	1,844.00 011636
5/08/20	00293	5/06/20	11015129	202005	300	15500	10000		WASTE MANAGEMENT INC.OF FLORIDA	*	715.35	715.35
5/08/20	00075	5/08/20	050820IN	202005	300	15100	10700		WASTE MANAGEMENT INC.OF FLORIDA	*	116,129.17	715.35 011637
5/08/20	00075	5/08/20	050820PR	202005	300	15100	10600		BAY LAUREL CDD C/O USBANK	*	78,333.33	116,129.17 011638
5/08/20	00075	5/08/20	050820RR	202005	300	15100	10800		BAY LAUREL CDD C/O USBANK	*	23,708.00	78,333.33 011639
5/08/20	00044	5/01/20	186	202005	310	53600	34000		BAY LAUREL CDD C/O USBANK	*	7,514.75	23,708.00 011640
5/01/20	186	5/01/20	186	202005	310	53600	35100			*	83.33	
5/01/20	186	5/01/20	186	202005	310	53600	31700			*	291.67	
5/01/20	186	5/01/20	186	202005	310	53600	51000			*	.03	
5/01/20	186	5/01/20	186	202005	310	53600	42000			*	.50	
5/01/20	186	5/01/20	186	202005	310	53600	42500			*	.60	
5/01/20	186	5/01/20	186	202005	340	53600	42000			*	17.99	
5/01/20	186	5/01/20	186	202005	340	53600	40900			*	316.31	
5/01/20	186	5/01/20	186	202005	350	53600	49700			*	219.00	
5/01/20	186	5/01/20	186	202005	350	53600	49700			*	219.00	
5/01/20	186	5/01/20	186	202005	330	53600	12500			*	589.00	
5/01/20	186	5/01/20	186	202005	330	53600	12500			*	250.00	
5/01/20	186	5/01/20	186	202005	330	53600	12500			*	199.00	
GOVERNMENTAL MANAGEMENT SERVICES											9,701.18 011641	

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#
5/14/20	00162	5/07/20	81565	202005	350-53600	47700	PUMPED SLUDGE	*	2,023.50	
5/07/20	81566	202005	350-53600	46600			REMOVE TRASH, CLEAN DEBRIS	*	2,025.00	
5/13/20	81601	202005	350-53600	47700			PUMPED SLUDGE	*	2,023.50	
5/14/20	00210	4/30/20	84108	202004	350-53600	47600	AMERICAN PIPE & TANK, INC.	*	4,087.00	6,072.00 011642
							APRIL LAB SERVICE			
5/14/20	00317	5/07/20	61111618	202005	350-53600	46600	AQUA PURE WATER & SEWAGE SRV., LLC	*	65.96	4,087.00 011643
							ADAPTERS, CPLR, LANCE			
5/14/20	00194	5/01/20	31218828	202005	340-53600	40900	BLUE TARP CREDIT SERVICES	*	76.55	65.96 011644
							MAY PHONE SERVICE			
5/02/20	42351636	202005	340-53600	40900			MAY PHONE SERVICE	*	152.24	
5/14/20	00968	5/06/20	M288478	202005	350-53600	46200	CENTURYLINK	*	4,306.31	228.79 011645
							PVC UNIONS, VALVES, SOCKET			
5/06/20	M293035	202005	350-53600	46600			PVC ADAPTERS	*	57.50	
5/11/20	42000035	202005	350-53600	49700			CORE & MAIN LP	*	150.00	4,363.81 011646
							SEWAGE TREATMENT PERMIT			
5/06/20	88224155	202005	350-53600	46200			FLORIDA DEPARTMENT OF HEALTH IN MC	*	56.10	150.00 011647
							HAND WINCH			
5/08/20	05082020	202005	330-53600	12700			GRAINGER	*	100.00	56.10 011648
							SAFETY TOE SHOES			
5/01/20	4708995	202005	350-53600	47500			MARK HAVENS	*	679.15	100.00 011649
							CCH GRANULAR & CHLORINE			
5/01/20	4708997	202005	350-53600	47500			CHLORINE	*	319.89	
							HAWKINS, INC.			999.04 011650

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DPT ACCH#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/14/20	00217	5/01/20	98537368	202005	340-53600-40900		VERIZON WIRELESS	*	1,259.79	1,259.79 011660
5/22/20	00162	5/14/20	81609	202005	350-53600-47700		PUMPED SLUDGE	*	2,698.00	2,698.00
5/22/20	00193	5/12/20	29787	202005	340-53600-41100		AMERICAN PIPE & TANK, INC.	*	884.62	2,698.00 011661
5/12/20	29787	5/12/20	29787	202005	340-53600-41200		PRINTING SERVICE	*	68.56	
5/12/20	29787	5/12/20	29787	202005	340-53600-42000		PDF SHIPPING	*	42.15	
5/15/20	20852020	202005	340-53600-42000				POSTAGE	*	2,510.49	
5/22/20	01422	5/14/20	16G0002	202005	300-20700-10301		ARISTA	*	19.33	3,505.82 011662
5/22/20	00777	4/24/20	16455	202005	350-53600-46600		RAYMOND BECHTEL	*	2,542.00	19.33 011663
4/24/20	16456	4/24/20	16456	202005	350-53600-46600		PATCH SW 93RD LANE	*	2,050.00	
5/22/20	01173	5/13/20	1056993	202005	310-53600-31500		BRADY CONSTRUCTION OF OCALA, INC.	*	588.00	4,592.00 011664
5/22/20	00067	3/10/20	COBAYDFC	202005	320-53600-60100		CARLTON FIELDS	*	24,457.22	588.00 011665
3/10/20	COBAYSTO	202005	320-53600-60100				REMODEL WTP 1 & 2	*	39,457.90	
5/22/20	00968	5/01/20	M237788	202005	350-53600-46600		COA EVERYWHERE INC	*	4,517.42	63,915.12 011666
5/08/20	M320926	202005	350-53600-46600				CPLGS,NIPPLES,VALVES,ADPT BUSHINGS,TEES,PVC	*	682.07	
5/22/20	00795	5/04/20	AR514798	202005	340-53600-43500		CORE & MAIN LP	*	28.00	5,199.49 011667
5/22/20	00795	5/04/20	AR514798	202005	340-53600-43500		DEX IMAGING	*	28.00	28.00 011668

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	...CHECK... AMOUNT
5/22/20	01065	5/11/20	38409	202005	310	53600	31500		DE LA PARTE & GILBERT, P.A.	*	180.00	180.00 011669
5/22/20	00633	5/04/20	9044673	202005	350	53600	47500		BIOXIDE	*	7,547.80	7,547.80
5/22/20	00006	5/05/20	70032568	202005	340	53600	42000		EWT HOLDINGS III CORP.	*	12.60	12.60 011670
5/22/20	01423	5/14/20	TC9A-101	202005	300	20700	10300		REFUND BAL OF DEPOSIT	*	71.81	71.81 011671
5/22/20	01362	5/11/20	02100	202005	350	53600	46200		ALUM HATCH COVER	*	2,000.00	2,000.00 011672
5/22/20	00167	5/20/20	052020	202005	330	53600	12500		5/11-5/17 MILEAGE	*	16.04	16.04 011673
5/22/20	00025	5/09/20	19505	202005	310	53600	32200		AUDIT FYE 9/30/19	*	500.00	500.00 011674
5/22/20	00272	5/14/20	11959198	202005	350	53600	46200		SENSOR W/30 FT CABLE	*	1,135.00	1,135.00 011675
5/22/20	01424	5/14/20	D05000-2	202005	300	20700	10301		REFUND BAL OF DEPOSIT	*	71.43	71.43 011676
5/22/20	00789	5/08/20	4712694	202005	350	53600	47500		CHLORINE	*	114.63	114.63 011677
5/22/20	01425	5/14/20	E22IND-1	202005	300	20700	10301		REFUND BAL OF DEPOSIT	*	17.15	17.15 011678
									CELESTINA MIKLUS			17.15 011679

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
 BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	...CHECK... AMOUNT
5/22/20	00894	5/14/20	OWR1104 REFUND BAL OF DEPOSIT	202005	300	20700	10300			*	99.30	99.30 011680
5/22/20	00298	5/22/20	052220 SHIPPING-LIFE LINE REPAIR	202005	340	53600	42000		OCALA WEST RETAIL INVESTMENT, LLC	*	47.11	
5/22/20		5/22/20	052220 ADMIN TV	202005	340	53600	51100			*	126.84	
5/22/20		5/22/20	052220 ADMIN LUNCH	202005	330	53600	12500			*	106.76	
5/22/20	01426	5/14/20	P16093-2 REFUND BAL OF DEPOSIT	202005	300	20700	10301		PETTY CASH C/O CRYSTAL HOUSE	*	126.35	280.71 011681
5/22/20	01055	5/12/20	192718 MAY BILLING INSERT	202005	340	53600	51100		THOMAS POULOS	*	518.00	126.35 011682
5/22/20	01427	5/14/20	A00874-2 REFUND BAL OF DEPOSIT	202005	300	20700	10301		RICH PRINTING INC.	*	120.46	518.00 011683
5/22/20	00829	5/18/20	627847 SNAP HOOK & CARABINER	202005	350	53600	50000		CLEVELAND RUSSELL	*	99.51	120.46 011684
5/22/20	00175	5/20/20	052020 5/17 MILEAGE	202005	330	53600	12500		SAFETY PRODUCTS INC.	*	12.09	99.51 011685
5/22/20	00009	5/18/20	05182020 MAY 2020 WATER CAPACITY	202005	300	21500	10000		BRYAN SCHMALZ	*	63,040.00	12.09 011686
		7/01/20	07012020 JULY 2020 WTP3 LEASE	202005	300	15500	10000			*	55,820.00	
5/22/20	00198	5/08/20	34466091 SHARPIES, CLIPS, TONER	202005	340	53600	51100		SIDNEY COLEN & ASSOCIATES, LTD	*	842.93	118,860.00 011687
		5/08/20	34466091 TONER & DRUMS	202005	340	53600	51100			*	655.01	
		5/09/20	34466613 CEILING CLIP	202005	340	53600	51100			*	19.39	
									STAPLES ADVANTAGE			1,517.33 011688

BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/22/20	00277	5/12/20	A0009681	202005	310	53600	48000		STAR-BANNER	*	285.80	285.80 011689
			NOTICE OF BOARD MTG								17.14	
5/22/20	01398	5/20/20	052020	202005	330	53600	12500		CLINTON STEPP	*	400.81	17.14 011690
			5/17 MILEAGE								35.06	
5/22/20	00190	5/12/20	9107522	202005	350	53600	46500		STONE PETROLEUM PRODUCTS, INC.	*	35.06	400.81 011691
			FUEL 232 GALLONS								167.84	
5/22/20	01428	5/14/20	CR3071-R	202005	300	20700	10301		THOMAS TULLO	*	307.31	335.63 011693
			REFUND BAL OF DEPOSIT								43.14	
5/22/20	00173	5/08/20	1518388	202005	330	53600	12700		UNIFORMS	*	124.65	
			UNIFORMS								307.31	
5/22/20	00191	5/07/20	230565	202005	350	53600	46200		SOLENOID VALVE & NITRATE	*	287.00	307.31 011694
			SOLENOID VALVE & NITRATE								287.00	
5/22/20	01358	5/07/20	50103077	202005	340	53600	43500		UNIFIRST	*	287.00	
			JUNE COPIER LEASE								287.00	
5/22/20	01429	5/15/20	OWRI105-	202005	300	20700	10300		WELLS FARGO VENDOR FINAN. SRV, LLC	*	4,258.91	287.00 011695
			ACCT CLOSED & REF DEPOSIT								4,258.91	
5/29/20	00162	5/21/20	81646	202005	350	53600	47700		WENG GARDEN BUFFET	*	2,698.00	4,258.91 011696
			PUMPED SLUDGE								2,698.00	
5/29/20	00094	5/18/20	INV00052	202005	350	53600	46200		AMERICAN PIPE & TANK, INC.	*	4,432.56	2,698.00 011697
			IMPELLER FOR LS18								4,432.56	
5/29/20	01036	5/26/20	56080620	202005	340	53600	40900		BARNEY'S PUMPS INC.	*	540.00	4,432.56 011698
			JUN 2020 LS COMMUN.								540.00	
									BRIDGENET COMMUNICATIONS		540.00	540.00 011699
									BAYL BAY LAUREL HSMITH			

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/29/20	00810	5/27/20	60052720	202005	350-53600-46200	RECONFIGURE ALARM CALLS	ROBERT CHADZIUTKO	*	759.24	1,140.00 011700
5/29/20	00968	5/27/20	60052720	202005	350-53600-46600	RECONFIGURE ALARM CALLS	ROBERT CHADZIUTKO	*	380.76	1,140.00 011700
5/29/20	00738	5/20/20	M338575	202005	350-53600-46600	1 1/2 PVC	CORE & MAIN LP	*	270.60	1,167.13 011701
5/29/20	00738	5/20/20	M375824	202005	350-53600-49100	PIPE RATCHET CUTTER	CORE & MAIN LP	*	40.72	1,167.13 011701
5/29/20	00738	5/20/20	M375824	202005	350-53600-46600	PVC, COUPLINGS, GLUE	CORE & MAIN LP	*	855.81	1,167.13 011701
5/29/20	01337	5/18/20	7197066	202005	350-53600-47750	2 COMPUTERS	DEERE CREDIT, INC.	*	35,816.72	35,816.72 011702
5/29/20	00006	5/19/20	70152883	202005	340-53600-42000	5/12 SHIPMENT	DELL BUSINESS CREDIT	*	4,000.00	4,000.00 011703
5/29/20	00093	5/26/20	2151101	202005	310-53600-31100	4/19-5/16 ENG SERVICES	FED EX	*	22.59	4,000.00 011703
5/29/20	00073	5/29/20	EC31988	202005	320-53600-60100	FORD F350 REGIS.	GAI CONSULTANTS	*	5,770.00	5,770.00 011705
5/29/20	00073	5/29/20	EC49548	202005	320-53600-60100	FORD F350 REGIS.	GEORGE ALBRIGHT, TAX COLLECTOR	*	125.05	5,770.00 011705
5/29/20	00794	5/14/20	27047623	202005	340-53600-43500	JUN COPIER LEASE	GEORGE ALBRIGHT, TAX COLLECTOR	*	184.91	125.05 011706
5/29/20	00272	5/13/20	11956636	202005	350-53600-46200	SC200 CONTROLLER	GREAT AMERICA FINANCIAL SVCS.	*	1,667.00	125.05 011707
							HACH		1,667.00	184.91 011708
							BAYL BAY LAUREL		1,667.00	1,667.00 011709
							HSMITH			

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	...CHECK... AMOUNT
5/29/20	00789	5/14/20	4715791	202005	350	53600	47500		HAWKINS, INC.	*	1,012.00	1,012.00 011710
5/29/20	01063	5/20/20	4389	202005	310	53600	31100		HYDRO SOLUTIONS CONSULTING, LLC	*	3,696.76	3,696.76 011711
5/29/20	01043	5/27/20	052720	202005	330	53600	12500		PAUL A NICKLE	*	34.04	34.04 011712
5/29/20	00183	5/18/20	334287	202005	350	53600	47500		ODYSSEY	*	1,068.00	1,068.00 011713
5/29/20	00306	5/25/20	5484	202005	350	53600	47300		RICHARD BARKLEY LAWN CARE & TREE	*	1,994.69	1,994.69 011714
5/29/20	00829	5/20/20	628538	202005	350	53600	47750		SAFETY PRODUCTS INC.	*	2,127.58	2,127.58 011715
5/29/20	00198	5/12/20	34467966	202005	340	53600	51100		STAPLES ADVANTAGE	*	18.99	18.99 011716
5/29/20	00277	5/12/20	A0009683	202005	310	53600	48000		STAR-BANNER	*	140.20	140.20 011717
5/29/20	00190	4/28/20	9107345	202005	350	53600	46500		STONE PETROLEUM PRODUCTS, INC.	*	337.54	337.54 011718
5/29/20	00082	5/14/20	73023	202005	300	14100	10000		METERS, ANTENNA, BACKFLOW	*	12,474.83	12,474.83 011719
5/29/20	00173	5/22/20	1520914	202005	340	53600	51100		SUNSTATE METER & SUPPLY, INC.	*	50.00	50.00 011720
5/29/20	00173	5/22/20	1520914	202005	330	53600	12700		UNIFORMS	*	128.94	128.94 011721

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/29/20	00191	5/07/20	22995	202005	350-53600-46200			SOLENOID VALVE	*	270.00	270.00 011721
							USABLUBOOK				
5/29/20	00217	4/10/20	98523048	202005	340-53600-40900			APR PHONE SERVICE	*	11.08	11.08
5/10/20	98543619	202005	340-53600-40900					MAY PHONE SERVICE	*	37.03	37.03
							VERIZON WIRELESS				25.95 011722
6/04/20	00162	5/28/20	81694	202005	350-53600-47700			PUMPED SLUDGE	*	2,360.75	2,360.75
5/29/20	81722	202005	350-53600-46600					PUMPED GREASE TRAPS	*	2,080.00	2,080.00
							AMERICAN PIPE & TANK, INC.				4,440.75 011723
6/04/20	00075	6/03/20	060320IN	202006	300-15100-10700			INT FUND #154807000	*	116,129.17	116,129.17 011724
6/04/20	00075	6/03/20	060320PR	202006	300-15100-10600			PRN FUND #154807001	*	78,333.33	78,333.33
							BAY LAUREL CDD C/O USBANK				116,129.17 011724
6/04/20	00075	6/03/20	060320RR	202006	300-15100-10800			R & R FUND #154807009	*	23,708.00	23,708.00
							BAY LAUREL CDD C/O USBANK				78,333.33 011725
6/04/20	01422	6/02/20	16G0002A	202006	300-11500-10000			REFUND CREDIT BALANCE	*	100.90	100.90
							BAY LAUREL CDD C/O USBANK				23,708.00 011726
6/04/20	01372	6/02/20	J27IND-3	202006	300-11500-10000			REFUND CREDIT BALANCE	*	96.00	96.00
							RAYMOND BECHTEL				100.90 011727
6/19/20	01372	6/02/20	J27IND-3	202006	300-11500-10000			REFUND CREDIT BALANCE	V	96.00	96.00
							LINDA BOOKBINDER				96.00 011728
6/04/20	00253	5/26/20	530864	202005	350-53600-46000			GASKET, SENSOR, CONVERER	*	873.44	873.44
5/29/20	531278	202005	350-53600-46000					BATTERY, BULB, HANDLE	*	76.46	76.46
							CARQUEST				949.90 011729

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
6/04/20	00291	780512	202006	350-53600	46200		CED-RAYBRO ELECTRIC SUPPLIES	*	322.00	322.00 011730
6/04/20	00968	M382553	202005	350-53600	46600		PVC PIPE	*	45.00	
5/22/20	M377319	202005	350-53600	46600			BOLTS,GASKETS,FLANGES	*	1,524.45	
6/04/20	01132	LEC49548	202005	320-53600	60100		CORE & MAIN LP	*	61,899.00	1,569.45 011731
		2020 FORD F350								
6/04/20	00092	10741	202005	340-53600	45000		DUVAL FORD	*	526.00	61,899.00 011732
		ADD 2 TRUCKS TO POLICY								
6/04/20	00006	70215726	202005	340-53600	42000		EGIS INSURANCE ADVISORS, LLC.	*	14.05	526.00 011733
		5/19 SHIPMENT								
6/04/20	01430	2808B0	202006	300-11500	10000		FED EX	*	54.78	14.05 011734
		REFUND CREDIT BALANCE								
6/04/20	01431	A06574-2	202006	300-11500	10000		FLORIDA TITLE LLC	*	92.64	54.78 011735
		REFUND CREDIT BALANCE								
6/04/20	00727	060320	202005	330-53600	12500		FREEDOM TITLE & ESCROW CO., LLC	*	48.30	92.64 011736
		5/26 & 5/31 MILEAGE								
6/04/20	01432	060320	202006	350-53600	50000		DUSTIN FREDIEU	*	145.73	48.30 011737
		RETRACT. LIFELINE REPAIRS								
6/04/20	00271	060320	202005	330-53600	12500		G&G DISTRIBUTORS	*	47.38	145.73 011738
		5/30 & 5/31 MILEAGE								
6/04/20	00789	4718716	202005	350-53600	47500		MARK HAVENS	*	627.78	47.38 011739
		CHLORINE/WWT								
5/18/20	4718718	202005	350-53600	47500						
		CHLORINE/WT								

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
5/22/20	01434	4722204	202005	350-53600-47500			HAWKINS, INC.	*	627.78	1,780.71 011740
6/04/20	01433	B139911-	202006	300-11500-10000			REFUND CREDIT BALANCE	*	93.88	
6/04/20	00955	IV4640	202005	340-53600-40900			JOHN HIGGINS	*	11.16	93.88 011741
5/31/20		IV5297	202005	340-53600-40900			MAR 2020 COMM. & MAINT.	*	109.63	
							MAY MAINT & COMMON.			
6/04/20	01434	S01371-3	202006	300-11500-10000			IVR TECHNOLOGY GROUP, LLC	*	68.59	98.47 011742
							REFUND CREDIT BALANCE			
6/04/20	01435	RN000033	202005	300-20700-10301			KATHRYN LITTLE	*	66.91	68.59 011743
							REFUND BAL OF DEPOSIT			
6/04/20	01436	CE023010	202005	300-20700-10301			CHARLES LONGSDORF	*	53.78	66.91 011744
							REFUND BAL OF DEPOSIT			
6/04/20	01437	WN210-3	202005	300-20700-10301			SHIRLEY MCCOY	*	54.28	53.78 011745
							REFUND BAL OF DEPOSIT			
6/04/20	00205	060320	202006	340-53600-41200			PAUL MUREN	*	1,240.00	54.28 011746
							JUNE 2020 IT SERVICE			
6/04/20	00033	053120	202005	340-53600-42000			NAP2NETWORKS	*	64.05	1,240.00 011747
							MAY 2020 POSTAGE			
6/02/20		S002IND	202006	300-11500-10000			REFUND CREDIT BALANCE	*	26.72	
6/02/20		S006IND	202006	300-11500-10000			REFUND CREDIT BALANCE	*	83.14	
6/02/20		S036IND	202006	300-11500-10000			REFUND CREDIT BALANCE	*	30.47	
6/02/20		S038IND	202006	300-11500-10000			REFUND CREDIT BALANCE	*	29.88	
6/03/20		060320	202006	300-15500-10000			JULY 2020 BIOSOLIDS	*	4,471.31	

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
6/03/20	00894	060320LS	202006	300	15500	10000		ON TOP OF THE WORLD COMMUNITIES LLC	*	6,425.96		11,131.53
6/04/20	00894	JULY 2020 OFFICE LEASE								50.65		
6/04/20	01438	060320LS	202006	300	11500	10000		OCALA WEST RETAIL INVESTMENT, LLC	*	53.53		50.65
6/04/20	00171	060320LS	202005	350	53600	46600		ROBERT REDDEN	*	902.32		53.53
6/04/20	00198	060320LS	202005	340	53600	51100		RING POWER CORPORATION	*	15.78		902.32
6/04/20	00277	060320LS	202005	310	53600	48000		STAPLES ADVANTAGE	*	146.44		15.78
6/04/20	01398	060320	202005	330	53600	12500		STAR-BANNER	*	51.41		146.44
6/04/20	00190	060320	202005	350	53600	46500		CLINTON STEPP	*	561.74		51.41
6/04/20	01439	0602/20	202006	300	11500	10000		STONE PETROLEUM PRODUCTS, INC.	*	81.84		561.74
6/04/20	01440	0603/20	202006	350	53600	46600		TOPOUZIS & ASSOCIATES PC	*	575.36		81.84
6/04/20	00173	0603/20	202005	330	53600	12700		TRACTOR SUPPLY CO.	*	124.65		575.36
6/04/20	00192	0603/20	202005	340	53600	41200		UNIFIRST	*	3,107.00		124.65
								VERTEKS CONSULTING, INC.				3,107.00

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	...CHECK... AMOUNT
6/04/20	00293	6/03/20	11015129	202006	300	155000	10000		WASTE MANAGEMENT INC.OF FLORIDA	*	715.35	715.35 011760
6/04/20	01441	5/29/20	FV204	202005	300	20700	10301		REFUND BAL OF DEPOSIT	*	105.72	105.72
6/12/20	00162	6/04/20	81753	202006	350	53600	47700		TIMOTHY WOODY	*	2,360.75	105.72 011761
6/11/20	81822	6/11/20	81822	202006	350	53600	46600		PUMPED SLUDGE	*	2,475.00	
6/11/20	81823	6/11/20	81823	202006	350	53600	47700		REMOVE TRASH, DEBRIS, CLEAN	*	2,360.75	
6/12/20	00210	5/31/20	84165	202005	350	53600	47600		PUMPED SLUDGE	*	5,126.00	7,196.50 011762
6/12/20	00158	5/12/20	0213559	202005	330	53600	12400		MAY 2020 LAB SERVICE	*	243.75	5,126.00 011763
6/12/20	00317	5/21/20	61131315	202005	350	53600	46000		AQUA PURE WATER & SEWAGE SRV., LLC	*	223.04	243.75 011764
5/21/20	61131315	202005	350	53600	49100				ASPIRE FINANCIAL SERVICES, LLC	*	684.91	
5/29/20	61120811	202005	350	53600	46000				INVERTER GENERATOR	*	7.99	
6/12/20	00253	6/01/20	531431	202006	350	53600	46000		HITCH PIN	*	195.48	915.94 011765
6/01/20	531431	202006	350	53600	40900				BLUE TARP CREDIT SERVICES	*	195.48	
6/01/20	31218828	202006	340	53600	40900				TERMINAL & BATTERY	*	76.55	195.48 011766
6/02/20	42351636	202006	340	53600	40900				CARQUEST	*	152.24	
6/05/20	U26761	202006	350	53600	47750				JUNE PHONE SERVICE	*	1,150.00	228.79 011767
6/05/20	U26761	202006	350	53600	47750				JUNE PHONE SERVICE	*	1,150.00	
									CENTURYLINK	*	1,150.00	1,150.00 011768
									CREDIT CARD TERMINALS	*		
									CONTINENTAL UTILITY SOLUTIONS, INC.	*		

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
6/12/20	00968	5/29/20	M338464	202005	350	53600	46600		PVC BUSHINGS, TEES	*	177.10	
		5/29/20	M413029	202005	350	53600	46600		HANDHOLE, COUPLINGS, BUSHIN	*	166.25	
6/12/20	00795	6/03/20	AR521727	202006	340	53600	43500		CORE & MAIN LP	*	28.00	343.35 011769
									JUNE BASE COPIER FEES			
6/12/20	01385	6/02/20	161208	202005	340	53600	43500		DEX IMAGING	*	104.94	28.00 011770
									MAY OVERAGE SERVICE			
6/12/20	01132	5/27/20	LEC31988	202005	320	53600	60100		DOCUMENT TECHNOLOGIES OF NCF	*	61,899.00	104.94 011771
									2020 FORD F350			
6/12/20	00006	6/02/20	70273293	202005	340	53600	42000		DUVAL FORD	*	27.33	61,899.00 011772
									5/28 SHIPMENT			
6/12/20	00742	6/01/20	14520359	202006	340	53600	43500		FED EX	*	117.00	27.33 011773
									JUNE ICE MACHINE RENTAL			
6/12/20	01442	6/10/20	CE002010	202006	300	20700	10301		FLORIDA ICE MACHINE SERVICES, LLC	*	115.60	117.00 011774
									REFUND BAL OF DEPOSIT			
6/12/20	01362	6/09/20	02136	202006	300	11500	12000		LAWRENCE GAYLE	*	1,350.00	115.60 011775
									HATCH W/FRAME, PLATE			
		6/09/20	02137	202006	320	53600	60100		WATERWORKS 2120BFV ACTUAT	*	8,030.00	
6/12/20	99999	6/12/20	VOID	202006	000	00000	00000		GK SOLUTIONS OF FLORIDA LLC	C	.00	9,380.00 011776
									VOID CHECK			
6/12/20	00044	6/01/20	187	202006	310	53600	34000		*****INVALID VENDOR NUMBER*****	*	7,514.75	.00 011777
									JUNE MANAGEMENT FEES			
		6/01/20	187	202006	310	53600	35100		JUNE COMPUTER TIME	*	83.33	
		6/01/20	187	202006	310	53600	31700		JUNE DISSEMINATION SRV	*	291.67	

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK....#
6/01/20	187	202006	310	53600	51000			*	2.50	
6/01/20	187	202006	310	53600	42500			*	13.20	
6/01/20	187	202006	340	53600	42000			*	17.99	
6/01/20	187	202006	340	53600	40900			*	694.93	
6/01/20	187	202006	330	53600	12600			*	85.00	
6/01/20	187	202006	330	53600	12600			*	113.00	
6/01/20	187	202006	340	53600	40900			*	199.00	
6/01/20	187	202006	340	53600	40900			*	199.00	
6/01/20	187	202006	350	53600	46200			*	896.64	
6/01/20	187	202006	350	53600	46000			*	248.40	
6/01/20	187	202006	330	53600	12500			*	199.00	
GOVERNMENTAL MANAGEMENT SERVICES										
6/12/20	00859	6/04/20	3641	202006	350	53600	47750	*	93.00	10,558.41 011778
LAMINATED DECALS										
GRE, LLC										
6/12/20	00789	5/29/20	4725448	202005	350	53600	47500	*	884.41	93.00 011779
CCH GRANULAR & CHLORINE										
HAWKINS, INC.										
6/12/20	01318	6/04/20	56770	202005	330	53600	12500	*	83.00	884.41 011780
S WELLS DRUG TESTS										
JET MEDICAL CENTER										
6/12/20	00708	6/02/20	99009150	202005	340	53600	51100	*	343.92	83.00 011781
MAY OPERATING SUPPLIES										
6/02/20	99009150	202005	350	53600	49100			*	151.31	
MAY SMALL TOOLS										
6/02/20	99009150	202005	350	53600	46200			*	147.03	
MAY P&M REPAIR										
6/02/20	99009150	202005	350	53600	46600			*	124.96	
MAY REPAIRS D&C										
LOWE'S										
									767.22	011782

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
6/12/20	01443	5/28/20	96108198	202005	350-53600	-50000		MSA SAFETY SALES, LLC	*	340.00	340.00 011783
6/12/20	00033	6/05/20	202005	340-53600	-41200			REIMB ANNUAL SPAM CONTROL	*	495.00	495.00 011784
6/12/20	01444	6/10/20	J01001	202006	300-20700	-10301		ON TOP OF THE WORLD COMMUNITIES LLC	*	82.30	82.30 011785
6/12/20	00245	6/03/20	1338-2	202006	350-53600	-46200		RICHARD RABOLD	*	1,805.80	1,805.80 011786
6/04/20	6433-2	202006	350-53600	-46200				BLUE & WHITE PAINT	*	1,279.90	1,279.90 011787
6/05/20	91851641	202006	340-53600	-40900				ULT MX PC PRO & THINNER	*	74.64	74.64 011788
6/05/20	00197	6/05/20	91851641	202006	340-53600	-40900		SHERWIN WILLIAMS	*	3,085.70	3,085.70 011789
6/12/20	00213	5/31/20	189769	202005	350-53600	-46600		SPRINT	*	188.01	188.01 011790
6/12/20	00082	5/28/20	73202	202005	320-53600	-60100		MAY LOCATE TICKETS	*	11,884.24	11,884.24 011791
6/12/20	00930	6/08/20	060820	202006	330-53600	-12500		SUNSHINE STATE ONE CALL OF FLORIDA	*	23.69	23.69 011792
6/08/20	00930	6/08/20	060820	202006	330-53600	-12500		BARE METERS & ANTENNA	*	11,884.24	11,884.24 011793
6/05/20	1523412	202006	330-53600	-12700				SUNSTATE METER & SUPPLY, INC.	*	23.69	23.69 011794
6/05/20	164634	202006	340-53600	-41200				AUSTIN TRIPODI	V	23.69	23.69-011795
6/05/20	164634	202006	340-53600	-41200				AUSTIN TRIPODI	*	125.69	125.69 011796
6/05/20	164634	202006	340-53600	-41200				UNIFORMS	*	4,800.00	4,800.00 011797
6/05/20	164634	202006	340-53600	-41200				UNIFORMS	*	125.69	125.69 011798
6/05/20	164634	202006	340-53600	-41200				MITAL CONNECT MIGRATION	*	4,800.00	4,800.00 011799
6/05/20	164634	202006	340-53600	-41200				VERTEKS CONSULTING, INC.	*	4,800.00	4,800.00 011800

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	INVOICE	EXPENSED TO	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
6/12/20	00217	6/01/20	98557842	202006	340-53600-40900					JUNE PHONE SERVICE	*	107.70		
6/01/20	98557842	202006	340-53600-40900							JUNE PHONE SERVICE	*	1,782.27		
6/12/20	01445	6/04/20	SY110-R1	202006	300-20700-10301					VERIZON WIRELESS	*	94.89		1,889.97 011793
										REFUND BAL OF DEPOSIT				
6/19/20	01372	6/02/20	J27IND-3	202006	300-11500-10000					RONALD WAGES	*	96.00		94.89 011794
										REFUND CREDIT BALANCE				
6/02/20	J27IND-3	202006	300-11500-10000							REFUND CREDIT BALANCE	V	96.00		
										REFUND CREDIT BALANCE				
6/19/20	01372	6/02/20	J27IND-3	202006	300-11500-10000					LINDA BOOKBINDER	*	96.00		.00 011795
										REFUND CREDIT BALANCE				
6/22/20	00930	6/08/20	060820	202006	330-53600-12500					LINDA BOOKBINDER	*	23.69		96.00 011796
										6/6 MILEAGE				
6/25/20	00162	6/18/20	81868	202006	350-53600-47700					AUSTIN TRIPODI	*	1,686.25		23.69 011797
										PUMPED SLUDGE				
6/25/20	00193	6/11/20	29966	202006	340-53600-41100					AMERICAN PIPE & TANK, INC.	*	824.04		1,686.25 011798
										PRINTING SERVICES				
6/11/20	29966	202006	340-53600-41200							PDF	*	68.67		
6/11/20	29966	202006	340-53600-42000							SHIPPING	*	58.15		
6/15/20	20852020	202006	340-53600-42000							POSTAGE	*	5,059.25		
										ARISTA				
6/25/20	00280	6/24/20	1132283-	202006	350-53600-46600					GREEN BLACK SEPTIC	*	127.66		6,010.11 011799
										ATLANTA RUBBER & HYDRAULICS				
6/25/20	01446	6/15/20	CR0814-R	202006	300-20700-10301					REFUND BAL OF DEPOSIT	*	52.20		127.66 011800
										CHERYL CALVERLEY				
										REFUND BAL OF DEPOSIT				52.20 011801

BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	YRMO	DPT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
6/25/20	00253	6/17/18	3587234	202006	350-53600	-46000			*	128.98-	
			CR RE DUPLICATE PYMT								
		3/11/20	524242	202006	350-53600	-46200			*	1,413.92	
			BATTERIES FARM TRUCK								
		3/11/20	524288	202006	350-53600	-46200			*	216.00-	
			CORE RETURN CREDIT								
		4/22/20	527851	202006	350-53600	-46000			*	139.99	
			BATTERIES								
		6/11/20	532482	202006	350-53600	-46000			*	22.00-	
			BATTERY CORE RETURN								
							CARQUEST				1,186.93 011802
6/25/20	00723	6/24/20	062420	202006	330-53600	-12500			*	122.48	
			6/15-6/21 MILEAGE								
6/25/20	00291	6/15/20	783727	202006	350-53600	-46600		CHRISTOPHER CARTER	*	233.61	122.48 011803
			SEALS & CABLE TIES								
6/25/20	00968	6/10/20	M451381	202006	350-53600	-46600		CED-RAYBRO ELECTRIC SUPPLIES	*	583.36	233.61 011804
			PVC COUPLINGS CLEANER								
		6/11/20	M421569	202006	350-53600	-46600			*	315.00	
			ODOR CONTROL VALVE								
		6/11/20	M485664	202006	350-53600	-46600			*	68.40	
			PINT REAL TUFF								
		6/17/20	M413372	202006	350-53600	-46600			*	93.50	
			GASKETS								
		6/17/20	M500081	202006	350-53600	-46200			*	150.00	
			PVC PIPE								
							CORE & MAIN LP				1,210.26 011805
6/25/20	00180	5/13/20	STCM-645	202006	350-53600	-49700			*	125.00	
			STORAGE TANK REGIS								
6/25/20	00633	6/09/20	90448746	202006	350-53600	-47500		DEP - STORAGE TANK REGISTRATION	*	7,550.40	125.00 011806
			BIOXIDE								
6/25/20	00300	6/09/20	FIOCR211	202006	350-53600	-46600		EWT HOLDINGS III CORP.	*	25.77	7,550.40 011807
			WASHERS & SCREWS								
6/25/20	00006	6/09/20	70326633	202006	340-53600	-42000		FASTENAL COMPANY	*	12.54	25.77 011808
			6/3 SHIPMENT								

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#
6/16/20	01449	70390026	202006	340-53600-42000			FED EX 6/9 SHIPMENTS	*	37.95	50.49 011809
6/19/20	01449	1B121DD7	202006	350-53600-50000			ACTIVE SHOOTER SEMINAR	*	500.00	
6/17/20	00167	061720	202006	330-53600-12500			FOCUSED FIRE TRAINING LLC	*	5.35	500.00 011810
6/24/20	062420	062420	202006	330-53600-12500			6/13 MILEAGE 6/15 MILEAGE	*	5.35	
4/16/20	00208	95058291	202006	350-53600-46200			LUIS GOYA FLANGE RETURNED	*	37.42	10.70 011811
4/16/20	95059090	202006	350-53600-46200				FLANGE	*	37.42	
6/10/20	95565194	202006	350-53600-46200				UNDERGROUND ENCLOSURE	*	131.68	
6/05/20	00789	4729684	202006	350-53600-47500			GRAINGER CHLORINE-WT	*	319.89	131.68 011812
6/05/20	4729686	202006	350-53600-47500				STAB TABS, CHLORINE	*	1,234.83	
6/12/20	4733445	202006	350-53600-47500				CHLORINE & HYDRATED LIME	*	1,627.78	
6/02/20	01063	4466	202006	310-53600-31100			HAWKINS, INC. MAY SERVICE-WUP RENEWAL	*	6,242.00	3,182.50 011813
5/14/20	00295	019162	202006	340-53600-41200			HYDRO SOLUTIONS CONSULTING, LLC SCADA 8/20-8/21 RENEWAL	*	17,383.08	6,242.00 011814
1/21/20	0244578	202006	350-53600-47600				IN SOURCE SOLUTIONS 4TH QTR SAMPLING	*	3,336.31	17,383.08 011815
6/16/20	00328	85086-IN	202006	350-53600-46600			JONES EDMUNDS BAHIA SOD	*	670.00	3,336.31 011816
							LAKE JEM FARMS, INC.	*	670.00	670.00 011817

BAYL BAY LAUREL HSMITH

*** CHECK DATES 05/01/2020 - 07/31/2020 *** BAY LAUREL CDD-WATER & SEWER
 BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#
6/25/20	00169	6/19/20	4185854	202006	340-53600-40900		MARK LAW	*	27.87	27.87 011818
			REFUND FOR PHONE CASE							
6/25/20	01084	6/12/20	189711	202006	350-53600-46000		FORD F250 PARTS & LABOR	*	662.72	662.72 011819
							LILES COLLISION SERVICE INC.			
6/25/20	01447	6/12/20	RN000061	202006	300-20700-10301		REFUND SECURITY DEPOSIT	*	150.00	150.00 011820
							MARIANNE MCCARTHY			
6/25/20	00033	6/15/20	61520	202006	340-53600-41200		DOMAIN RENEWAL	*	16.94	16.94 011821
							ON TOP OF THE WORLD COMMUNITIES LLC			
6/25/20	00894	6/22/20	BLCCDD-1	202006	300-11500-12000		REFUND DUPLICATE PYMT	*	221.00	221.00 011822
							OCALA WEST RETAIL INVESTMENT, LLC			
6/25/20	00873	6/24/20	062420	202006	350-53600-46500		REFRESH FUEL CARD	*	600.00	600.00 011823
							PETTY CASH C/O SARAH COOPER			
6/25/20	01448	6/01/20	06933876	202006	330-53600-12500		12 MO SUBSCRIPTION	*	299.00	299.00 011824
							PROGRESSIVE BUSINESS PUBLICATIONS			
6/25/20	00829	6/16/20	634568	202006	350-53600-50000		DEFENDER SPRAY SUIT	*	61.65	61.65 011825
							SAFETY PRODUCTS INC.			
6/25/20	00009	6/15/20	061520	202006	300-21500-10000		JUNE 2020 WATER CAPACITY	*	81,952.00	81,952.00 011826
							AUG 2020 WTP 3 LEASE			
6/25/20	01398	6/17/20	061720	202006	330-53600-12500		6/14 MILEAGE	*	17.14	17.14 011827
							SIDNEY COLEN & ASSOCIATES, LTD			
6/25/20	00190	6/09/20	9107683	202006	350-53600-46500		FUEL	*	509.25	509.25 011828
							CLINTON STEPP			
							STONE PETROLEUM PRODUCTS, INC.			

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DEPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK....#
7/02/20	00291	6/29/20	783736	202006	350-53600-46600		REBUILD KITS	*	2,339.45	2,339.45 011839
7/02/20	00006	6/23/20	70461245	202006	340-53600-42000		CED-RAYBRO ELECTRIC SUPPLIES	*	30.34	30.34
7/02/20	01450	6/25/20	W01163-1	202007	300-20700-10301		FED EX REFUND BAL OF DEPOSIT	*	48.97	30.34 011840
7/02/20	00742	7/01/20	3025	202007	340-53600-43500		LOUIS FENZEL JULY ICE MACHINE RENTAL	*	117.00	48.97 011841
7/02/20	00794	6/15/20	27243907	202006	340-53600-43500		FLORIDA ICE MACHINE SERVICES,LLC JULY COPIER LEASE	*	184.91	117.00 011842
7/02/20	00271	7/01/20	070120	202006	330-53600-12500		GREAT AMERICA FINANCIAL SVCS. 6/27 & 6/28 MILEAGE	*	47.38	184.91 011843
7/02/20	00789	6/19/20	4738831	202006	350-53600-47500		MARK HAVENS CCH GRANULAR, CHLORINE	*	679.15	47.38 011844
7/02/20	00202	6/23/20	81563	202006	350-53600-46600		HAWKINS, INC. BACKFLOW CALIBRATION	*	198.00	679.15 011845
7/02/20	00147	6/12/20	245403	202006	350-53600-47600		INSTRUMENT SPECIALTIES INC. 2ND QTR SAMPLING	*	2,345.97	198.00
7/02/20	00205	7/01/20	070120	202007	340-53600-41200		JONES EDMUNDS JULY IT SERVICE	*	1,240.00	2,345.97 011847
7/02/20	00716	6/29/20	2020-106	202006	330-53600-12500		NAP2NETWORKS QUANTITATIVE FIT TESTS	*	2,155.00	1,240.00 011848
							NATIONAL FIT TESTING SERVICES,LLC			2,155.00 011849

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
7/02/20	00173	6/26/20	1527163	202006	330-53600-12700	UNIFORMS		*	124.65	124.65 011860
7/02/20	00293	7/01/20	11015129	202007	300-15500-10000	AUG SERVICE & JULY DIFF		*	773.39	773.39 011861
7/10/20	00121	4/20/20	123000	202004	300-20700-10300	REFUND SECURITY DEPOSIT		*	118.26	118.26 011862
7/15/20	00162	7/02/20	81980	202007	350-53600-47700	SLUDGE HAULING 35,500 GAL		*	1,686.25	1,686.25 011863
7/09/20	82016	202007	350-53600-47700			SLUDGE HAULING 42,600 GAL		*	2,023.50	2,023.50 011864
7/10/20	82026	202007	350-53600-46600			REMOVE TRASH/DEBRIS LS		*	2,475.00	2,475.00 011865
7/15/20	00210	6/30/20	84218	202006	350-53600-47600	JUNE 2020 LAB TESTING		*	4,434.00	4,434.00 011866
7/15/20	00094	7/09/20	53202	202007	320-53600-60100	HYDROMATIC PUMP		*	7,992.00	7,992.00 011867
7/15/20	00317	6/11/20	6111661	202006	350-53600-49100	TOOLS		*	203.21	203.21 011868
6/11/20	6111661	202006	350-53600-49100			TOOLS		*	224.75	224.75 011869
7/01/20	6111690	202007	350-53600-46200			V-80GAL PHS RECIPI		*	2,999.99	2,999.99 011870
7/15/20	00253	7/08/20	26805350	202007	350-53600-46000	XTREME BLUE DG		*	63.90	63.90 011871
7/15/20	00194	7/01/20	31218828	202007	340-53600-40900	JULY SERVICES		*	77.09	77.09 011872
7/15/20	00810	7/02/20	60-07022	202007	300-11500-12000	SCADA PROG WTP3		*	617.50	617.50 011873

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#
7/12/20	00968	60-07122	202007	300-11500-12000			ROBERT CHADZIUTKO	*	889.60	1,507.10 011869
		SCADA PROG WTP1 & WTP3								
7/07/20	00968	M574238	202007	350-53600-46600			PVC PIPING	*	1,072.25	
7/07/20	00968	M592749	202007	350-53600-46600			METER COUPLINGS	*	1,231.28	
7/15/20	01065	38510	202007	310-53600-31500			CORE & MAIN LP	*	2,925.00	2,303.53 011870
		LEGAL SERVICES								
7/15/20	01385	162563	202007	340-53600-43500			DE LA PARTE & GILBERT, P.A.	*	40.76	2,925.00 011871
		COPIER LEASE								
7/15/20	00727	07142020	202007	330-53600-12500			DOCUMENT TECHNOLOGIES OF NCF	*	24.15	40.76 011872
		MILEAGE 7/11								
7/15/20	00093	2152236	202006	310-53600-31100			DUSTIN FREDIEU	*	8,200.00	24.15 011873
		PROFESSIONAL SERVICES								
7/15/20	00044	202007	310-53600-34000				GAI CONSULTANTS	*	7,514.75	8,200.00 011874
		MANAGEMENT FEES								
7/01/20	188	202007	310-53600-35100				COMPUTER TIME	*	83.33	
7/01/20	188	202007	310-53600-31700				DISSEMINATIONS AGENT SRV	*	291.67	
7/01/20	188	202007	310-53600-51000				OFFICE SUPPLIES	*	.15	
7/01/20	188	202007	310-53600-42000				POSTAGE	*	1.80	
7/01/20	188	202007	340-53600-42000				POSTAGE	*	17.99	
7/01/20	188	202007	340-53600-40900				ANSAFONE	*	394.19	
7/01/20	188	202007	350-53600-46200				C AND V INC CLARIF REP	*	935.83	
7/01/20	188	202007	340-53600-40900				AMAZON CELL PH CASE BS	*	65.22	
7/01/20	188	202007	350-53600-46200				C AND V INC CLARIF REP	*	2,188.73	

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO...	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK....#
7/01/20	188	202007	330-53600-12500							*	79.98	
7/01/20	188	202007	350-53600-46200							*	310.00	
7/01/20	188	202007	330-53600-12500							*	199.00	
7/15/20	00167	7/14/20	07142020 202007 330-53600-12500						GOVERNMENTAL MANAGEMENT SERVICES	*	5.35	12,082.64 011875
7/15/20	00271	7/08/20	07082020 202007 330-53600-12500						LUIS GOYA	*	47.38	5.35 011876
7/14/20	07142020	202007	330-53600-12500							*	23.69	
7/15/20	00789	6/26/20	4743302 202006 350-53600-47500						MARK HAVENS	*	590.75	71.07 011877
7/15/20	00955	6/30/20	IV5635 202006 340-53600-40900						HAWKINS, INC.	*	422.52	
7/15/20	00169	7/13/20	07132020 202007 300-11500-12000						IVR CALLS	*	116.61	1,013.27 011878
7/15/20	01436	7/07/20	CE023010 202007 300-11500-10000						IVR TECHNOLOGY GROUP, LLC	*	48.13	116.61 011879
7/15/20	01452	7/07/20	A05375-4 202007 300-11500-10000						MARK LAW	*	96.22	48.13 011880
7/15/20	01437	7/07/20	WN210-3A 202007 300-11500-10000						SHIRLEY MCCOY	*	2.16	96.22 011881
7/15/20	00716	6/29/20	20201060 202006 330-53600-12500						THOMAS MCNEIL	*	95.72	2.16 011882
			QUANTITATIVE FI TESTING						PAUL MUREN	*	2,155.00	95.72 011883
			NATIONAL FIT TESTING SERVICES,LLC							*	2,155.00	2,155.00 011884
									BAYL BAY LAUREL			HSMITH

*** CHECK DATES 05/01/2020 - 07/31/2020 ***
 BAY LAUREL CDD-WATER & SEWER
 BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
7/15/20	01043	7/14/20	07142020	202007	330-53600-12500		PAUL A NICKLE	*	68.08	68.08 011885
							MILEAGE 7/11			
7/15/20	00176	7/14/20	07142020	202007	330-53600-12500		AMRISH PERSAD	*	3.94	3.94 011886
							MILEAGE 7/11			
7/15/20	00171	6/30/20	01WE5978	202006	350-53600-46600			*	422.29	
							LS 18 REPLACE JWH			
		6/30/20	01WE5978	202006	350-53600-46600			*	457.08	
							LS 6 REPLACE JWH			
							RING POWER CORPORATION			
7/15/20	00829	7/08/20	639711	202007	350-53600-50000			*	66.37	879.37 011887
							RAIN JACKETS			
		7/08/20	639759	202007	350-53600-50000			*	30.26	
							MASKS			
		7/10/20	640294	202007	350-53600-50000			*	67.55	
							RAIN JACKET			
							SAFETY PRODUCTS INC.			
7/15/20	00733	6/26/20	464957	202006	340-53600-51100			*	33.63	164.18 011888
							SHRED CONSOLE			
7/15/20	00197	7/05/20	91851641	202006	340-53600-40900			*	72.10	33.63 011889
							SHRED XXPRESS LLC			
							JUNE SERVICES			
7/15/20	00198	6/30/20	34500425	202006	340-53600-51100			*	92.27	72.10 011890
							OFFICE SUPPLIES			
							SPRINT			
							STAPLES ADVANTAGE			
7/15/20	01398	7/08/20	07082020	202007	330-53600-12500			*	34.27	92.27 011891
							MILEAGE 7/1 - 7/2			
		7/08/20	07082020	202006	330-53600-12500			*	34.27	
							MILEAGE 6/29			
							CLINTON STEPP			
7/15/20	00190	7/07/20	9107003	202007	350-53600-46500			*	523.26	68.54 011892
							GAS 252.9 GAL			
							STONE PETROLEUM PRODUCTS, INC.			
7/15/20	00082	7/01/20	73746	202007	350-53600-49100			*	174.05	523.26 011893
							TIGER CUTTER			

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
7/01/20	73754	202007	300	14100	10000	METER BOX AND LIDS		*	1,790.22		
7/01/20	73755	202007	350	53600	46600	WATERMAIN FLAG		*	182.22		
7/06/20	73781	202007	350	53600	46600	CK VALV REPAIR KIT		*	1,144.05		
7/15/20	01451	6/30/20	A0246A-2	202006	300-20700-10301	REFUND SECURITY DEP	SUNSTATE METER & SUPPLY, INC.	*	94.12		3,290.54 011894
7/15/20	01453	7/07/20	FV128	202007	300-11500-10000	REFUND CREDIT BAL	MARION STEVENSON	*	44.20		94.12 011895
7/15/20	00173	7/03/20	91515283	202007	330-53600-12700	UNIFORM SERVICES	STEVE TURCINA	*	116.49		44.20 011896
7/15/20	01147	6/29/20	152994	202006	350-53600-46600	3.5" BELT	UNIFIRST	*	341.44		116.49 011897
7/15/20	00217	7/01/20	98578268	202006	340-53600-40900	JUNE SERVICE	US JETTING, LLC	*	1,331.59		341.44 011898
7/15/20	00293	7/01/20	0411740	202007	300-15500-10000	DUMPSTER REMOVAL	VERIZON WIRELESS	*	29.02		1,667.29 011899
7/15/20	01358	7/07/20	10520298	202007	340-53600-43500	COPIER LEASE	WASTE MANAGEMENT INC.OF FLORIDA	*	287.00		29.02 011900
7/24/20	00162	7/16/20	82064	202007	350-53600-47700	PUMPED SLUDGE	WELLS FARGO VENDOR FINAN. SRV, LLC	*	3,035.25		287.00 011901
7/24/20	00193	7/15/20	30148	202007	340-53600-41100	PRINTING SERVICE	AMERICAN PIPE & TANK, INC.	*	889.59		.00 011902

BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	INVOICE	EXPENSED TO	YRMO	DFT	ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT
7/15/20	30148	202007	340-53600-41200		*							68.94	
7/15/20	30148	202007	340-53600-42000		*							58.15	
7/16/20	20852020	202007	340-53600-42000		*							2,377.73	
7/15/20	30148	202007	340-53600-41100		V							889.59	
7/15/20	30148	202007	340-53600-41200		V							68.94	
7/15/20	30148	202007	340-53600-42000		V							58.15	
7/16/20	20852020	202007	340-53600-42000		V							2,377.73	
ARISTA													
7/15/20	00094	202007	350-53600-46600		*							265.85	.00 011903
7/15/20	00094	202007	350-53600-46600		V							265.85	
BARNEY'S PUMPS INC.													
7/02/20	00194	202007	340-53600-40900		*							157.06	.00 011904
7/02/20	00194	202007	340-53600-40900		V							157.06	
CENTURYLINK													
6/25/20	00968	202007	350-53600-46600		*							988.25	.00 011905
7/09/20	00968	202007	350-53600-46600		*							69.00	
7/10/20	00968	202007	350-53600-46600		*							1,715.52	
7/10/20	00968	202007	350-53600-46600		*							78.60	
7/15/20	00968	202007	350-53600-46600		*							1,835.65	
CORE & MAIN LP													
7/22/20	00228	202007	300-20700-10300		*							258.25	4,529.82 011906
7/22/20	00228	202007	300-20700-10300		V							258.25	
CREATIVE HAIRDRESSERS, INC.													
7/10/20	00633	202007	350-53600-47500		*							7,542.60	258.25 011907
7/10/20	00633	202007	350-53600-47500		V							7,542.60	
EWT HOLDINGS III CORP.													
BAYL BAY LAUREL HSMITH													

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	CHECK#
7/24/20	00006	7/14/20	70646242	202007	340-53600-42000			*	35.98	
			7/7 & 7/9 SHIPMENTS							
7/24/20	00533	7/15/20	066092	202007	350-53600-49700			*	6,000.00	
			7/20-6/21 ANNUAL OPER FEE							
7/24/20	01454	7/16/20	FV365	202007	300-20700-10301		FLORIDA DEPT.OF ENVIRONMENTAL PROT.	*	78.93	
			REFUND BAL OF DEPOSIT							
7/24/20	00794	7/14/20	27423587	202007	340-53600-43500		COLLEEN GRANATA	*	184.91	
			AUG COPIER LEASE							
7/24/20	00789	7/02/20	4747347	202007	350-53600-47500		GREAT AMERICA FINANCIAL SVCS.	*	319.89	
			CHLORINE							
7/02/20	4747349	202007	350-53600-47500					*	679.15	
			CCH GRANULAR & CHLORINE							
7/10/20	4752726	202007	350-53600-47500					*	1,730.41	
			HYDRATED LIME & CHLORINE							
7/02/20	4747347	202007	350-53600-47500					V	319.89	
			CHLORINE							
7/02/20	4747349	202007	350-53600-47500					V	679.15	
			CCH GRANULAR & CHLORINE							
7/10/20	4752726	202007	350-53600-47500					V	1,730.41	
			HYDRATED LIME & CHLORINE							
7/24/20	01413	7/11/20	91717389	202007	300-11500-12000		HAWKINS, INC.	*	5,867.36	
			2 HP COMPUTERS & SURGE PR							
7/15/20	91719387	202007	300-11500-12000					*	372.00	
			HARDWARE SUPPORT-4 COMP							
7/11/20	91717389	202007	300-11500-12000					V	5,867.36	
			2 HP COMPUTERS & SURGE PR							
7/15/20	91719387	202007	300-11500-12000					V	372.00	
			HARDWARE SUPPORT-4 COMP							
7/24/20	00328	7/14/20	85801-IN	202007	350-53600-46600		INSIGHT DIRECT USA, INC.	*	157.00	
			PALLET OF SOD							
7/24/20	00708	7/02/20	99009150	202007	340-53600-51100		LAKE JEM FARMS, INC.	*	157.00	
			JUNE OPERATING SUPPLIES							

BAYL BAY LAUREL HSMITH

BAY LAUREL CDD-WATER & SEWER
 BANK A BAY LAUREL CDD

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK....#
7/02/20	99009150	202007	350	53600	49100			*	2,359.48	
		JUNE SMALL TOOLS								
7/02/20	99009150	202007	350	53600	46200			*	68.53	
		JUNE P&M REPAIR								
7/02/20	99009150	202007	350	53600	47500			*	39.54	
		JUNE CHEM & SUPPLIES								
7/02/20	99009150	202007	350	53600	46600			*	147.54	
		JUNE REPAIRS D&C								
		LOWE'S								
7/24/20	00234	7/21/20	202007	330	53600	12500		*	54.92	2,721.65 011916
		7/15 MILEAGE								
		STURGAL C. RUSSELL								
7/24/20	00829	7/17/20	202007	350	53600	50000		*	27.72	54.92 011917
		GLOVES								
7/17/20	642120	202007	350	53600	50000			*	50.21	
		MASKS								
7/21/20	642808	202007	350	53600	50000			*	21.71	
		TOWELLETTES								
7/21/20	642823	202007	350	53600	50000			*	54.11	
		GOGGLES								
		SAFETY PRODUCTS INC.								
7/24/20	00175	7/17/20	202007	330	53600	12700		*	100.00	153.75 011918
		SAFETY TOE SHOES								
7/21/20	072120	202007	330	53600	12500			*	12.09	
		7/15 MILEAGE								
		BRYAN SCHMALZ								
7/24/20	00245	7/20/20	202007	350	53600	46200		*	884.96	112.09 011919
		RED & GREEN PAINT								
		SHERWIN WILLIAMS								
7/24/20	00009	7/20/20	202007	300	21500	10000		*	88,256.00	884.96 011920
		JULY WATER CAPACITY								
		SIDNEY COLEN & ASSOCIATES, LTD								
7/24/20	00198	7/08/20	202007	340	53600	51100		*	399.99	88,256.00 011921
		HP COLOR PRINTER								
		STAPLES ADVANTAGE								
7/24/20	00190	7/09/20	202007	350	53600	46500		*	1,175.00	399.99 011922
		500 GALLONS DIESEL FUEL								
		STONE PETROLEUM PRODUCTS, INC.								
		BAY LAUREL HSMITH								

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
7/24/20	00194	7/02/20	42351636	202007	340-53600-40900		JULY PHONE SERVICE	*	157.06	157.06 011933
7/24/20	00789	7/02/20	4747347	202007	350-53600-47500		CENTURYLINK	*	319.89	
7/02/20	4747349	202007	350-53600-47500				CHLORINE	*	679.15	
7/10/20	4752726	202007	350-53600-47500				CCH GRANULAR & CHLORINE	*	1,730.41	
							HYDRATED LIME & CHLORINE			
7/24/20	01413	7/11/20	91717389	202007	300-11500-12000		HAWKINS, INC.	*	5,867.36	2,729.45 011934
							2 HP COMPUTERS & SURGE PR			
7/15/20	91719387	202007	300-11500-12000				HARDWARE SUPPORT-4 COMP	*	372.00	
							INSIGHT DIRECT USA, INC.			
7/30/20	00162	7/23/20	82091	202007	350-53600-47700		PUMPED SLUDGE	*	3,035.25	6,239.36 011935
							AMERICAN PIPE & TANK, INC.			
7/30/20	01456	7/10/20	2020798	202007	300-11500-12000		CISCO CATALYST SWITCH	*	950.00	3,035.25 011936
							BLACK DIAMOND SOLUTIONS			
7/30/20	01458	7/27/20	CR0813-1	202007	300-11500-10000		REFUND CREDIT BALANCE	*	88.37	950.00 011937
							BRICK CITY TITLE INS. AGENCY			
7/30/20	00291	7/23/20	785848	202007	350-53600-46200		SURGE PROTECTOR-WWT	*	491.58	88.37 011938
							CED-RAYBRO ELECTRIC SUPPLIES			
7/30/20	01459	7/22/20	2818D2-R	202007	300-20700-10301		REFUND BAL OF DEPOSIT	*	31.63	491.58 011939
							MINDY CUBRICH			
7/30/20	01460	7/27/20	A03774-2	202007	300-11500-10000		REFUND CREDIT BALANCE	*	2.00	31.63 011940
							GEORGE CZAJKOWSKI			
7/30/20	00062	7/23/20	07232020	202007	320-53600-60100		FIBER INSTALLATION	*	13,436.88	2.00 011941
							DCM CABLE			
							BAYL BAY LAUREL HSMITH			
										13,436.88 011942

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DPT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
7/30/20	00092	7/23/20	11193	202007	340-53600-45000	WC POLICY CHANGE		*	1,825.00	
7/30/20	00774	7/27/20	A03275-1	202007	300-11500-10000	REFUND CREDIT BALANCE	EGIS INSURANCE ADVISORS, LLC.	*	109.20	1,825.00 011943
7/30/20	00093	7/28/20	2153310	202007	310-53600-31100	6/21-7/18 ENG SERVICES	FIRST AMERICAN TITLE INS.CO	*	1,950.00	109.20 011944
7/30/20	00208	7/20/20	95948443	202007	350-53600-46500	POST BASE	GAI CONSULTANTS	*	113.96	1,950.00 011945
7/30/20	00789	7/17/20	4756707	202007	350-53600-47500	CHLORINE-WT	GRAINGER	*	319.89	113.96 011946
7/30/20		7/17/20	4756710	202007	350-53600-47500	CHLORINE-WWT	HAWKINS, INC.	*	627.78	
7/30/20	00207	7/21/20	40997644	202007	340-53600-51100	JULY OPERATING SUPPLIES		*	118.32	947.67 011947
7/30/20		7/21/20	40997644	202007	350-53600-49100	JULY SMALL TOOLS		*	214.54	
7/30/20		7/21/20	40997644	202007	350-53600-46000	JULY VEHICLES		*	24.94	
7/30/20	01413	7/22/20	91724156	202007	340-53600-41200	HP COMPUTER & BACKUP	HOME DEPOT CREDIT SERVICES	*	1,760.85	357.80 011948
7/30/20	00033	7/27/20	METER9	202007	300-11500-10000	REFUND CREDIT BALANCE	INSIGHT DIRECT USA, INC.	*	9.09	1,760.85 011949
7/30/20	00141	7/27/20	NH048	202007	300-11500-10000	REFUND CREDIT BALANCE	ON TOP OF THE WORLD COMMUNITIES LLC	*	18.93	9.09 011950
7/30/20	00306	7/25/20	5677	202007	350-53600-47300	JULY LAWN MAINT	PULTE NATIONAL FINANCIAL SERVICES	*	1,994.69	18.93 011951
							RICHARD BARKLEY LAWN CARE & TREE			1,994.69 011952

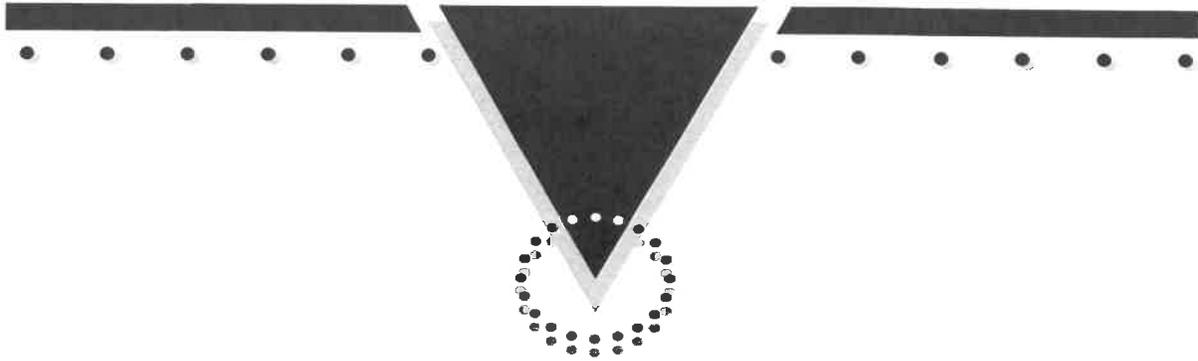
BAYL BAY LAUREL HSMITH

CHECK DATE	VEND#	INVOICE DATE	INVOICE YRMO	DFT ACCT#	SUB	SUBCLASS	VENDOR NAME	STATUS	AMOUNT	....CHECK.... AMOUNT
7/30/20	00829	7/24/20	643831	202007	350-53600-50000	SLOTTED CAP SUSPENSION	SAFETY PRODUCTS INC.	*	52.18	52.18 011953
7/30/20	00245	7/22/20	1956-1	202007	350-53600-46200	WHITE PAINT	SHERWIN WILLIAMS	*	564.68	564.68 011954
7/30/20	00009	9/01/20	0920	202007	300-15500-10000	SEPT 2020 WTP3 LEASE	SIDNEY COLEN & ASSOCIATES, LTD	*	55,820.00	55,820.00 011955
7/30/20	01398	7/29/20	072920	202007	330-53600-12500	7/26 MILEAGE	CLINTON STEPP	*	17.14	17.14 011956
7/30/20	00190	7/21/20	9107973	202007	350-53600-46500	FUEL	STONE PETROLEUM PRODUCTS, INC.	*	401.38	401.38 011957
7/30/20	00082	7/21/20	74008	202007	320-53600-60100	5/8 T-10 REG & ANTENNA		*	4,150.09	4,150.09
7/30/20	00173	7/24/20	1532169	202007	330-53600-12700	UNIFORMS	SUNSTATE METER & SUPPLY, INC.	*	113.92	113.92 011958
										4,785.46 011958
										113.92 011959

TOTAL FOR BANK A 1,866,273.92
 TOTAL FOR REGISTER 1,866,273.92

BAYL BAY LAUREL HSMITH

SECTION 2



**Bay Laurel Center
Community Development
District**

**Unaudited Financial Reporting
June 30, 2020**



TABLE OF CONTENTS

1	<u>Balance Sheet</u>
2-4	<u>Enterprise Fund Income Statement</u>
5	<u>Renewal & Replacement Fund Income Statement</u>
6-8	<u>Month by Month- Enterprise Fund</u>

Bay Laurel Center
Community Development District
Enterprise Fund
Statement of Net Position
For the Period Ending June 30, 2020

	Operating Fund	R&R Fund	Totals
ASSETS:			
Cash	\$7,407,498	\$0	\$7,407,498
Petty Cash	\$500	\$0	\$500
Accounts Receivable	\$734,122	\$0	\$734,122
Accounts Receivable- Meter Installations	\$167,764	\$0	\$167,764
Accounts Receivable- Other	\$10,000	\$0	\$10,000
Inventory- Meters	\$105,619	\$0	\$105,619
INVESTMENTS:			
Custody Account- Operations	\$1,258,426	\$0	\$1,258,426
Reserve- Series 2011	\$1,168,851	\$0	\$1,168,851
Revenue Fund- Series 2011	\$403,335	\$0	\$403,335
Principal Account- Series 2011	\$788,197	\$0	\$788,197
Interest Account- Series 2011	\$478,371	\$0	\$478,371
Renewal & Replacement- Series 2011	\$0	\$3,981,679	\$3,981,679
Surplus Account	\$11,596,157	\$0	\$11,596,157
Prepaid Expenses	\$165,721	\$0	\$165,721
Customer Deposit	\$500	\$0	\$500
Land Acquisition	\$632,100	\$0	\$632,100
Plant and Equipment-Net of Depreciation	\$41,181,854	\$0	\$41,181,854
Cost of Issuance- Net of Amortization	\$538,603	\$0	\$538,603
OPED- DOR	\$20,969	\$0	\$20,969
TOTAL ASSETS	\$66,658,587	\$3,981,679	\$70,640,266
LIABILITIES:			
Accounts Payable	\$57,667	\$0	\$57,667
Accrued Interest Payable	\$477,612	\$0	\$477,612
Accrued Principal Payable	\$705,000	\$0	\$705,000
Customer Deposits- Commercial	\$128,947	\$0	\$128,947
Customer Deposits-Residential	\$179,945	\$0	\$179,945
Due to Developer	\$450	\$0	\$450
Accrued Expenses	\$16,804	\$0	\$16,804
OPEB Liability	\$236,825	\$0	\$236,825
Bonds Payable- Series 2011	\$32,375,000	\$0	\$32,375,000
Deferred Revenue Pulte	\$52,662	\$0	\$52,662
Deferred Revenue Copier	\$2,321	\$0	\$2,321
TOTAL LIABILITIES	\$34,233,233	\$0	\$34,233,233
NET POSITION:			
Net Invested in Capital Assets	\$9,977,557	\$0	\$9,977,557
Restricted	\$14,510,724	\$3,981,679	\$18,492,403
Unrestricted	\$7,937,073	\$0	\$7,937,073
TOTAL NET POSITION	\$32,425,353	\$3,981,679	\$36,407,033

Bay Laurel Center
Community Development District
Enterprise Fund
Statement of Revenues, Expenditures, and Changes in Net Position
For the Period Ending June 30, 2020

	Adopted Budget	Prorated Budget Thru 06/30/20	Actual Thru 06/30/20	Variance
<u>REVENUES:</u>				
Water and Sewer Revenues	\$7,013,975	\$5,260,481	\$6,292,342	\$1,031,861
Conservation	\$1,098,161	\$823,620	\$1,546,629	\$723,009
Miscellaneous Revenues	\$65,000	\$48,750	\$33,019	(\$15,731)
Interest Income	\$20,000	\$15,000	\$26,500	\$11,500
Cooperative Funding	\$60,000	\$45,000	\$0	(\$45,000)
TOTAL REVENUES	\$8,257,135	\$6,192,852	\$7,898,491	\$1,705,639

EXPENDITURES:

Administrative:

Supervisor Fee	\$6,000	\$4,500	\$2,400	\$2,100
FICA	\$459	\$344	\$0	\$344
Engineering	\$120,000	\$90,000	\$95,274	(\$5,274)
Arbitrage	\$700	\$525	\$525	\$0
Attorney	\$80,000	\$60,000	\$51,656	\$8,344
Dissemination Agent	\$3,500	\$2,625	\$2,625	(\$0)
Annual Audit	\$11,000	\$8,250	\$7,113	\$1,137
Trustee Fee	\$14,000	\$10,500	\$10,500	(\$0)
Manager	\$90,177	\$67,633	\$67,633	\$0
Computer Time	\$1,000	\$750	\$750	\$0
Telephone	\$500	\$375	\$0	\$375
Postage	\$3,000	\$2,250	\$29	\$2,221
Printing & Binding	\$2,200	\$1,650	\$309	\$1,341
Insurance	\$16,000	\$12,000	\$11,375	\$625
Legal Advertising	\$3,000	\$2,250	\$572	\$1,678
Other Current Charges	\$12,000	\$9,000	\$10,397	(\$1,397)
Office Supplies	\$3,000	\$2,250	\$67	\$2,183
Dues, Licenses, Subscr.	\$175	\$131	\$131	\$0
TOTAL ADMINISTRATIVE	\$366,711	\$275,033	\$261,356	\$13,677

Personnel:

Salaries & Wages	\$1,172,524	\$879,393	\$845,012	\$34,381
Other Salaries & Wages	\$14,500	\$7,250	\$7,250	\$0
Unemployment Compensation	\$2,500	\$1,875	\$0	\$1,875
Payroll Tax	\$90,000	\$67,500	\$61,543	\$5,957
Pension Contributions	\$10,000	\$7,500	\$5,349	\$2,151
Other Personnel Cost	\$50,180	\$37,635	\$21,559	\$16,076
Education/Training	\$20,000	\$15,000	\$2,437	\$12,563
Uniforms	\$15,000	\$11,250	\$6,582	\$4,668
Workers Compensation	\$30,000	\$22,500	\$17,885	\$4,615
Health Insurance	\$355,000	\$266,250	\$217,035	\$49,215
TOTAL PERSONNEL	\$1,759,704	\$1,316,153	\$1,184,652	\$131,501

**Bay Laurel Center
Community Development District
Enterprise Fund**

Statement of Revenues, Expenditures, and Changes in Net Position
For the Period Ending June 30, 2020

	Adopted Budget	Prorated Budget Thru 06/30/20	Actual Thru 06/30/20	Variance
<i><u>Office Overhead:</u></i>				
Communications	\$51,500	\$38,625	\$35,714	\$2,911
Administrative Cost	\$70,000	\$52,500	\$30,661	\$21,839
Info Technology & Maintenance	\$113,000	\$84,750	\$68,176	\$16,574
Postage (Utility Billing)	\$60,000	\$45,000	\$32,094	\$12,906
Rentals & Leases	\$15,000	\$11,250	\$4,812	\$6,438
Insurance- Property, Plant, & Equip.	\$115,000	\$86,250	\$69,570	\$16,680
Property Taxes	\$30,000	\$22,500	\$20,488	\$2,012
Operating Supplies	\$38,000	\$28,500	\$15,204	\$13,296
TOTAL OFFICE OVERHEAD	\$492,500	\$369,375	\$276,719	\$92,656
<i><u>Plant and Field Operations:</u></i>				
Electricity	\$380,000	\$285,000	\$258,936	\$26,064
Office Rental	\$77,112	\$57,834	\$57,951	(\$117)
Vehicle Repairs	\$40,000	\$30,000	\$14,392	\$15,608
Plant and Mechanical Repair	\$130,000	\$97,500	\$98,511	(\$1,011)
Generators Service Agreement	\$52,000	\$39,000	\$25,221	\$13,779
Fuel Expense	\$47,000	\$35,250	\$28,025	\$7,225
Repairs- Distribution/Collection	\$150,000	\$112,500	\$104,398	\$8,102
Backhoe	\$0	\$0	\$1,343	(\$1,343)
Mowing/Grounds Maintenance	\$24,000	\$18,000	\$15,958	\$2,042
Chemicals and Supplies	\$175,000	\$131,250	\$107,817	\$23,433
Laboratory and Testing	\$90,000	\$67,500	\$57,534	\$9,966
Sludge Hauling	\$205,000	\$153,750	\$100,856	\$52,895
NON-Recurring Expense/ Contingency	\$45,000	\$33,750	\$14,448	\$19,302
Misc. Small Tools and Equip.	\$18,000	\$13,500	\$6,772	\$6,728
Biosolids Disposal	\$55,000	\$41,250	\$40,242	\$1,008
Dues, License, & Subscriptions	\$12,000	\$9,000	\$2,034	\$6,966
Refuse	\$9,000	\$6,750	\$5,333	\$1,417
Safety	\$7,500	\$5,625	\$5,472	\$153
Cooperative Funding	\$60,000	\$45,000	\$0	\$45,000
TOTAL PLANT & FIELD OPERATIONS	\$1,576,612	\$1,182,459	\$945,240	\$237,218
TOTAL OPERATING EXPENDITURES	\$4,195,527	\$3,143,020	\$2,667,968	\$475,052
OPERATING INCOME(LOSS)	\$4,061,609		\$5,230,523	

Bay Laurel Center
Community Development District
Enterprise Fund
Statement of Revenues, Expenditures, and Changes in Net Position
For the Period Ending June 30, 2020

	Adopted Budget	Prorated Budget Thru 06/30/20	Actual Thru 06/30/20	Variance
<u>DEBT SERVICE:</u>				
Interest	\$1,393,550	\$1,045,163	\$1,045,163	\$ (0)
Principal	\$940,000	\$705,000	\$705,000	\$ 0
TOTAL DEBT SERVICE	\$2,333,550	\$1,750,163	\$1,750,163	(\$0)
DEBT SERVICE COVERAGE	174%		299%	
<u>Non-Operating Revenue (Expenses):</u>				
AFPI Charges	\$1,723,399	\$1,292,549	\$1,707,472	\$414,923
Meter Fees	\$174,096	\$130,572	\$189,693	\$59,121
AFPI Charges WTP#3	(\$672,546)	(\$504,410)	(\$711,647)	(\$207,238)
Meter Installations	(\$102,000)	(\$76,500)	(\$180,032)	(\$103,532)
Capital from Rates/CIP/Lease Payments	(\$650,317)	(\$487,738)	(\$502,380)	(\$14,642)
Renewal&Replacement (5% Revenues)	(\$405,607)	(\$304,205)	(\$732,490)	(\$428,285)
South Reclaim Golf Course	\$0	\$0	(\$172,652)	(\$172,652)
TOTAL OTHER SOURCES (USES)	\$67,025	\$50,269	(\$402,036)	(\$452,305)
Change in Net Position	\$1,795,084		\$3,078,324	
NET ASSETS- Beginning	\$0		\$33,328,709	
NET ASSETS- Ending	\$0		\$36,407,033	

Bay Laurel Center
Community Development District
Renewal & Replacement Fund
Statement of Revenues & Expenditures
For the Period Ending June 30, 2020

<u>Expenditures</u>	Amended Budget	Prorated Budget Thru 06/30/20	Actual Thru 06/30/20	Variance
Paint WTP No. 1 Facilities and WTP No. 3 GST's	\$75,000	\$0	\$0	\$0
Misc. Pump & Motor Repairs/Replacements Water Treatment	\$31,500	\$0	\$0	\$0
Misc. Valve Repairs/Replacements Water Treatment	\$21,000	\$0	\$0	\$0
WTP No. 1 Fence	\$30,000	\$30,000	\$22,500	\$7,500
WTP No. 1 Office Remodel	\$23,500	\$23,500	\$28,406	(\$4,906)
Integrated Water Resource Master Plan	\$280,000	\$0	\$0	\$0
Meter Replacements	\$75,000	\$23,739	\$33,906	(\$10,167)
GIS Program (Software, Equipment, Development)	\$11,600	\$0	\$0	\$0
Irrigation Meter Replacements - 155 Units (3 Year Program)	\$131,750	\$131,750	\$131,423	\$327
Pipe Locator Replacement	\$9,051	\$0	\$0	\$0
310SK Backhoe Purchase	\$35,993	\$35,993	\$35,817	\$176
Vac Trailer	\$65,000	\$65,000	\$60,644	\$4,356
Misc. Pump & Motor Repairs/Replacements Wastewater Collection	\$31,500	\$12,268	\$12,268	\$0
Misc. Valve Repairs/Replacements Wastewater Collection	\$15,750	\$0	\$0	\$0
Misc. Pump & Motor Repairs/Replacements Wastewater Treatment	\$31,500	\$31,500	\$10,810	\$20,690
Misc. Valve Repairs/Replacements Wastewater Treatment	\$21,000	\$21,000	\$16,298	\$4,702
SWWTF Façade Repairs	\$40,000	\$40,000	\$39,458	\$542
NWWTF Land Acquisition	\$270,000	\$0	\$0	\$0
NWWTF Construction Cost (20% Increase Annually)	\$360,000	\$0	\$0	\$0
New Truck No. 12	\$60,000	\$60,000	\$62,024	(\$2,024)
Replace Truck No. 11 - 2004	\$32,000	\$32,000	\$28,266	\$3,734
Replace Truck No. 8 - 2005	\$60,000	\$60,000	\$62,024	(\$2,024)
Scanner	\$3,000	\$3,000	\$3,170	(\$170)
Computer Replacement	\$7,000	\$7,000	\$9,847	(\$2,847)
Lift Station Communications	\$70,000	\$70,000	\$62,162	\$7,838
Replace Truck No. 2 - 2003	\$44,100	\$44,100	\$47,345	(\$3,245)
Replace Truck No. 5 - 2003	\$44,100	\$44,100	\$47,345	(\$3,245)
Barracuda Message Archiver	\$15,000	\$15,000	\$18,777	(\$3,777)
(10) Shoretel IP480 Black/ Upgrades	\$2,363	\$0	\$0	\$0
Total	\$ 1,896,707	\$ 749,950	\$ 732,490	\$ 17,460

Bay Laurel Center
Community Development District
Enterprise Fund
Month to Month Detail

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Total
REVENUES													
Water and Sewer Revenues	\$667,019	\$681,217	\$675,374	\$670,135	\$688,618	\$685,744	\$752,296	\$731,480	\$740,459	\$0	\$0	\$0	\$6,292,342
Conservation	\$247,567	\$125,868	\$94,327	\$92,461	\$100,353	\$94,166	\$361,700	\$210,176	\$220,012	\$0	\$0	\$0	\$1,546,629
Miscellaneous Revenues	\$3,183	\$2,113	\$2,162	\$6,503	\$7,500	\$2,863	\$3,908	\$1,298	\$3,489	\$0	\$0	\$0	\$33,019
Interest Income	\$4,403	\$4,130	\$3,873	\$3,967	\$3,924	\$3,505	\$1,855	\$547	\$296	\$0	\$0	\$0	\$26,500
Cooperative Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL REVENUE	\$922,172	\$813,328	\$775,737	\$773,065	\$800,395	\$786,278	\$1,119,759	\$943,501	\$964,257	\$0	\$0	\$0	\$7,898,491
EXPENDITURES													
<i>Administrative</i>													
Supervisor Fee	\$0	\$800	\$0	\$0	\$800	\$0	\$0	\$800	\$0	\$0	\$0	\$0	\$2,400
FICA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Engineering	\$5,262	\$39,492	\$0	\$7,955	\$0	\$12,978	\$5,680	\$9,467	\$14,442	\$0	\$0	\$0	\$95,274
Arbitrage	\$58	\$58	\$58	\$58	\$58	\$58	\$58	\$58	\$58	\$0	\$0	\$0	\$525
Attorney	\$970	\$4,325	\$28,558	\$0	\$1,867	\$4,080	\$11,088	\$768	\$0	\$0	\$0	\$0	\$51,656
Dissemination Agent	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$0	\$0	\$0	\$2,625
Annual Audit	\$917	\$917	\$917	\$917	\$917	\$244	\$695	\$795	\$795	\$0	\$0	\$0	\$7,113
Trustee Fees	\$1,167	\$1,167	\$1,167	\$1,167	\$1,167	\$1,167	\$1,167	\$1,167	\$1,167	\$0	\$0	\$0	\$10,500
Manager	\$7,515	\$7,515	\$7,515	\$7,515	\$7,515	\$7,515	\$7,515	\$7,515	\$7,515	\$0	\$0	\$0	\$67,633
Computer Time	\$83	\$83	\$83	\$83	\$83	\$83	\$83	\$83	\$83	\$0	\$0	\$0	\$750
Telephone	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Postage	\$4	\$0	\$2	\$1	\$19	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$29
Printing & Binding	\$8	\$0	\$183	\$0	\$104	\$0	\$0	\$1	\$13	\$0	\$0	\$0	\$309
Insurance	\$1,264	\$1,264	\$1,264	\$1,264	\$1,264	\$1,264	\$1,264	\$1,264	\$1,264	\$0	\$0	\$0	\$11,375
Legal Advertising	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$572	\$0	\$0	\$0	\$0	\$572
Other Current Charges	\$1,025	\$1,052	\$1,061	\$1,310	\$1,102	\$1,365	\$1,115	\$1,052	\$1,315	\$0	\$0	\$0	\$10,397
Office Supplies	\$0	\$3	\$30	\$0	\$1	\$30	\$0	\$0	\$3	\$0	\$0	\$0	\$67
Dues, Licenses, Subscr.	\$15	\$15	\$15	\$15	\$15	\$15	\$15	\$15	\$15	\$0	\$0	\$0	\$131
TOTAL ADMINISTRATIVE	\$18,579	\$56,981	\$41,143	\$20,575	\$15,099	\$29,198	\$28,971	\$23,849	\$26,962	\$0	\$0	\$0	\$261,356
<i>Personnel</i>													
Salaries & Wages	\$96,638	\$85,883	\$88,919	\$111,691	\$90,819	\$85,722	\$109,375	\$88,264	\$85,701	\$0	\$0	\$0	\$845,012
Other Salaries & Wages	\$6,500	\$0	\$0	\$500	\$0	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$7,250
Unemployment Compensation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Payroll Taxes	\$7,501	\$6,175	\$6,677	\$7,980	\$6,676	\$6,158	\$7,749	\$6,459	\$6,167	\$0	\$0	\$0	\$61,543
Pension Contributions	\$2	\$491	\$1,457	\$1	\$844	\$954	(\$25)	\$707	\$917	\$0	\$0	\$0	\$5,349
Other Personnel Cost	\$3,035	\$1,448	\$1,558	\$1,995	\$1,868	\$1,721	\$2,195	\$2,254	\$5,485	\$0	\$0	\$0	\$21,559
Education/Training	\$50	\$535	\$780	\$184	\$16	\$425	\$249	\$0	\$198	\$0	\$0	\$0	\$2,437
Uniforms	\$1,762	\$685	\$555	\$569	\$500	\$752	\$537	\$663	\$558	\$0	\$0	\$0	\$6,582
Workers Compensation	\$1,987	\$1,987	\$1,987	\$1,987	\$1,987	\$1,987	\$1,987	\$1,987	\$1,987	\$0	\$0	\$0	\$17,885
Health Insurance	\$22,450	\$25,643	\$23,923	\$22,198	\$25,643	\$27,053	\$23,469	\$27,101	\$19,555	\$0	\$0	\$0	\$217,035
TOTAL PERSONNEL	\$141,925	\$122,848	\$125,958	\$147,106	\$128,354	\$124,772	\$145,787	\$127,435	\$120,568	\$0	\$0	\$0	\$1,184,652

Bay Laurel Center
Community Development District
Enterprise Fund
 Month to Month Detail

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Total
Office Overhead													
Communications	\$3,345	\$3,139	\$3,147	\$3,210	\$3,340	\$5,402	\$4,732	\$3,600	\$5,800	\$0	\$0	\$0	\$35,714
Administrative Cost	\$2,425	\$3,761	\$4,305	\$3,310	\$2,274	\$2,745	\$3,041	\$4,950	\$3,849	\$0	\$0	\$0	\$30,661
Information Technology and Maint.	\$4,311	\$4,902	\$10,384	\$1,312	\$2,967	\$1,714	\$14,167	\$4,911	\$23,509	\$0	\$0	\$0	\$68,176
Postage (Utility Billing)	\$2,943	\$3,639	\$3,011	\$4,009	\$4,500	\$3,186	\$2,763	\$2,798	\$5,245	\$0	\$0	\$0	\$32,094
Rentals & Leases	\$367	\$552	\$388	\$1,086	\$444	\$645	\$361	\$537	\$432	\$0	\$0	\$0	\$4,812
Insurance- Plant, Prop.& Equip.	\$5,011	\$7,760	\$8,558	\$8,806	\$7,760	\$7,587	\$8,041	\$8,286	\$7,760	\$0	\$0	\$0	\$69,570
Property Taxes	\$2,276	\$2,276	\$2,276	\$2,276	\$2,276	\$2,276	\$2,277	\$2,276	\$2,276	\$0	\$0	\$0	\$20,488
Operating Supplies	\$1,629	\$2,456	\$2,170	\$2,900	\$310	\$1,565	\$919	\$3,086	\$169	\$0	\$0	\$0	\$15,204
TOTAL OFFICE OVERHEAD	\$22,308	\$28,486	\$34,239	\$26,910	\$23,870	\$25,120	\$36,301	\$30,446	\$49,039	\$0	\$0	\$0	\$276,719

Plant/Land Field Operations

Electricity	\$28,499	\$32,937	\$28,826	\$28,949	\$27,018	\$25,754	\$24,005	\$40,399	\$22,548	\$0	\$0	\$0	\$258,936
Office Rental	\$6,426	\$6,426	\$6,426	\$6,426	\$6,543	\$6,426	\$6,426	\$6,426	\$6,426	\$0	\$0	\$0	\$79,951
Vehicle Repairs	\$2,684	\$1,386	\$1,802	\$516	\$1,686	\$1,404	\$2,287	\$1,259	\$1,367	\$0	\$0	\$0	\$14,392
Plant and Mech. Repair	\$6,047	\$9,735	\$11,078	\$13,476	\$5,815	\$27,426	\$8,269	\$10,883	\$5,784	\$0	\$0	\$0	\$98,511
Generators Service Agreement	\$0	\$0	\$0	\$0	\$0	\$24,686	\$535	\$0	\$0	\$0	\$0	\$0	\$25,221
Fuel Expense	\$1,970	\$3,002	\$2,088	\$1,683	\$2,465	\$12,999	\$1,096	\$1,300	\$1,423	\$0	\$0	\$0	\$28,025
Repairs- Distribution/Collection	\$4,380	\$12,245	\$7,340	\$9,540	\$7,604	\$11,945	\$19,119	\$17,693	\$14,533	\$0	\$0	\$0	\$104,398
Backhoe	\$0	\$0	\$0	\$0	\$0	\$0	\$1,343	\$0	\$0	\$0	\$0	\$0	\$1,343
Mowing/Grounds Maintenance	\$1,995	\$1,995	\$1,995	\$1,995	\$0	\$3,989	\$1,995	\$1,995	\$0	\$0	\$0	\$0	\$15,958
Chemicals and Supplies	\$6,111	\$7,283	\$13,934	\$16,031	\$12,357	\$16,625	\$7,385	\$14,177	\$13,913	\$0	\$0	\$0	\$107,817
Laboratory and Testing	\$4,053	\$3,454	\$3,831	\$3,985	\$7,815	\$7,992	\$4,087	\$10,206	\$12,111	\$0	\$0	\$0	\$57,534
Sludge Hauling	\$9,905	\$8,946	\$11,183	\$10,792	\$9,780	\$11,129	\$18,886	\$11,804	\$8,431	\$0	\$0	\$0	\$100,856
Non-recurring Expense/Contingency	\$26	\$124	\$30	\$2,173	\$3,108	\$0	\$1,616	\$6,128	\$1,243	\$0	\$0	\$0	\$14,448
Misc. Small Tools & Equip	\$1,512	\$698	\$685	\$641	\$641	\$1,026	\$211	\$877	\$428	\$0	\$0	\$0	\$6,772
Biosolids Disposal	\$4,394	\$4,394	\$4,626	\$4,394	\$4,549	\$4,471	\$4,471	\$4,471	\$4,471	\$0	\$0	\$0	\$40,242
Dues, Licenses& Subscr.	\$0	\$0	\$245	\$1,076	\$0	\$0	\$0	\$588	\$125	\$0	\$0	\$0	\$2,034
Refuse	\$553	\$553	\$553	\$553	\$553	\$677	\$469	\$709	\$715	\$0	\$0	\$0	\$5,333
Safety	\$997	\$499	\$28	\$587	\$389	\$858	\$709	\$458	\$946	\$0	\$0	\$0	\$5,472
Corporative Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PLANT AND FIELD OPERATIONS	\$79,551	\$93,676	\$94,669	\$102,870	\$90,322	\$157,407	\$102,908	\$129,373	\$94,465	\$0	\$0	\$0	\$945,240

Total Expenditures

	\$262,364	\$301,991	\$295,909	\$297,461	\$257,644	\$336,497	\$313,967	\$311,102	\$291,033	\$0	\$0	\$0	\$2,667,968
--	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----	-----	-----	-------------

Operating Income

	\$659,808	\$511,338	\$479,828	\$475,605	\$542,750	\$449,780	\$805,792	\$632,398	\$673,224	\$0	\$0	\$0	\$5,230,523
--	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----	-----	-----	-------------

Bay Laurel Center
Community Development District
Enterprise Fund
Month to Month Detail

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Total
<i>Debt Service</i>													
Principal- 9/1	\$78,333	\$78,333	\$78,333	\$78,333	\$78,333	\$78,333	\$78,333	\$78,333	\$78,333	\$0	\$0	\$0	\$705,000
Interest	\$116,129	\$116,129	\$116,129	\$116,129	\$116,129	\$116,129	\$116,129	\$116,129	\$116,129	\$0	\$0	\$0	\$1,045,163
TOTAL DEBT SERVICE	\$194,463	\$194,463	\$194,463	\$194,463	\$194,463	\$194,463	\$194,463	\$194,463	\$194,463	\$0	\$0	\$0	\$1,750,163
<i>Other Sources (Losses)</i>													
APPI Charges	\$185,331	\$83,505	\$265,531	\$208,270	\$172,430	\$180,450	\$243,034	\$160,400	\$208,520	\$0	\$0	\$0	\$1,707,472
Meter Fees	\$19,420	\$8,189	\$25,996	\$31,213	\$18,533	\$19,395	\$27,296	\$17,240	\$22,412	\$0	\$0	\$0	\$189,693
APPI Charges	(\$72,496)	(\$32,391)	(\$104,016)	(\$119,776)	(\$67,768)	(\$75,648)	(\$94,560)	(\$63,040)	(\$81,952)	\$0	\$0	\$0	(\$711,647)
Meter Installations	(\$14,366)	(\$6,889)	(\$24,160)	(\$25,219)	(\$19,107)	(\$19,134)	(\$25,400)	(\$24,581)	(\$21,176)	\$0	\$0	\$0	(\$180,032)
Capital from Rates/CIP/Lease Payment	(\$55,820)	(\$55,820)	(\$55,820)	(\$55,820)	(\$55,820)	(\$55,820)	(\$55,820)	(\$55,820)	(\$55,820)	\$0	\$0	\$0	(\$502,380)
Renewal&Rplacement (5% Revenues)	(\$77,429)	\$0	(\$4,695)	(\$322,375)	(\$49,000)	(\$12,087)	\$0	(\$240,097)	(\$26,807)	\$0	\$0	\$0	(\$732,490)
South Reclaim Golf Course	\$0	\$0	(\$172,652)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$172,652)
TOTAL OTHER SOURCES(USES)	(\$15,360)	(\$3,406)	(\$69,816)	(\$283,707)	(\$733)	\$37,155	\$94,549	(\$205,897)	\$45,178	\$0	\$0	\$0	(\$402,036)
NET INCOME(LOSS)	\$449,986	\$313,469	\$215,550	(\$2,565)	\$347,555	\$292,473	\$705,079	\$232,039	\$523,939	\$0	\$0	\$0	\$3,078,324

SECTION 3

**NOTICE OF MEETING DATES
BAY LAUREL CENTER
COMMUNITY DEVELOPMENT DISTRICT**

The Board of Supervisors of the *Bay Laurel Center Community Development District* will hold their regularly scheduled public meetings for the **Fiscal Year 2021 at 9:00 AM at the Circle Square Commons, Cultural Center, 8395 SW 80th Street, Ocala, FL 34481** as follows:

November 17, 2020

February 16, 2021

May 18, 2021

August 17, 2021

The meetings are open to the public and will be conducted in accordance with the provisions of Florida Law for Community Development Districts. A copy of the agenda for a particular meeting may be obtained from the District Manager, at 219 E. Livingston Street, Orlando, FL 32801.

A meeting may be continued to a date, time, and place to be specified on the record at that meeting. There may be occasions when one or more Supervisors will participate by telephone.

Any person requiring special accommodations at these meetings because of a disability or physical impairment should contact the District Office at (407) 841-5524 at least forty-eight (48) hours prior to the meeting. If you are hearing or speech impaired, please contact the Florida Relay Service 1-800-955-8770, for aid in contacting the District Office.

Each person who decides to appeal any action taken at these meetings is advised that person will need a record of the proceedings and that accordingly, the person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which such appeal is to be based.

George S. Flint
Governmental Management Services - Central Florida, LLC
District Manager