

## SECTION 00520

### AGREEMENT FORM (LUMP SUM)

#### PART 1 GENERAL

**1.01** THIS AGREEMENT, made this 8<sup>th</sup> day of August 2020, by and between Utilities, Inc. of Florida, hereinafter called the Owner, and TLC Diversified, Inc., whose principal and local address is 2719 17<sup>th</sup> Street East, Palmetto, FL 34221, hereinafter called the Contractor.

**1.02** The Owner and Contractor Agree as follows:

A. Contract Documents

The Contract Documents include the Agreement, Addenda (which pertain to the Contract Documents), Contractor's Bid, Notice to Proceed, the Bonds, the General Conditions, the Supplementary Conditions, the Specifications listed in the Index to the Project Manual, any technical specifications as incorporated by the Project Manual; the Drawings as listed in the Project Manual, all Written Amendments, Change Orders, Work Change Directives, Field Orders, and Engineer's written interpretations and clarifications issued on or after the Effective Date of this Agreement. These form the Contract and all are as fully a part of the Contract as if attached to this Agreement or repeated herein.

B. Scope of Work

The Contractor shall perform all work required by the Contract Documents for the construction of the Mid-County WWTP Headworks.

C. Contract Time

The Contractor shall begin work after the issuance of a written Notice to Proceed from Owner and shall substantially complete the work within the Contract Time identified in Paragraphs 1.02.C.5 of the Bid Form, which is 540 calendar days. The work shall be finally complete, ready for Final Payment in accordance with the General Conditions, within 30 calendar days from the actual date of substantial completion.

D. Liquidated Damages

OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not substantially complete within the time specified in Paragraph C above, plus any extensions thereof allowed in accordance with the General Conditions. They also recognize the delays, expense and difficulties involved in proving in a legal arbitration proceeding the actual loss suffered by OWNER if the Work is not substantially complete on time. Accordingly, instead of requiring any such proof,

OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER \$100.00 for each calendar day that expires after the time specified in Paragraph C for substantial completion until the work is substantially complete. It is agreed that if this Work is not Finally completed in accordance with the Contract Documents, the CONTRACTOR shall pay the OWNER as liquidated damages for delay, and not as penalty, one-fourth (1/4) of the rate set forth above.

E. Contract Price

Lump Sum Contract

The Owner will pay the Contractor in current funds for the performance of the work, subject to additions and deductions by Change Order, the Total Contract Price of Two Million, Two Hundred Thirty-Seven Thousand, Seven Hundred Seventy-Seven Dollars (\$2,237,777.00). Payments will be made to the Contractor based on the Lump Sum Bid amount, the Schedule of Values included as a part of his Bid, which shall be as fully a part of the Contract as if attached or repeated herein, and subject to completion of the work, in accordance with the Contract Documents.

F. Payments

The Owner will make payments as provided in the General Conditions and Supplementary Conditions.

G. Retainage

The value of each application for payment shall be equal to the total value of the Work performed to date, less an amount retained, and less payments previously made and amounts withheld in accordance with the General Conditions and Supplementary Conditions. Retainage for this project is 10%, to be held by Owner as collateral security to ensure completion of Work. The Owner is not obligated to reduce retainage at any time during the Contract, but may choose to do so at its discretion once the Work is at least 75% complete.

H. Engineer

The Project has been designed by Kimley-Horn and Associate, Inc., referred to in the documents as the Engineer, whose authority during the progress of construction is defined in the General Conditions and Supplementary Conditions.

**IN WITNESS WHEREOF**, the parties hereto have executed this Agreement the day and year first above written.

**CONTRACTOR:**  
TLC Diversified, Inc.

\_\_\_\_\_  
Name of Firm



\_\_\_\_\_  
By (Signature)

(SEAL)

Thurston Lamberson, President

\_\_\_\_\_  
Printed Name and Title

**ATTEST:**



\_\_\_\_\_  
By (Signature)

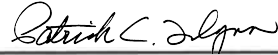
Joanne R Lamberson, Sr Vice-President/Secretary

\_\_\_\_\_  
Printed Name and Title

**OWNER:**

Utilities, Inc. of Florida

\_\_\_\_\_  
Name of Owner



\_\_\_\_\_  
By (Signature)

(SEAL)

Patrick C. Flynn, Vice President of Operations

\_\_\_\_\_  
Printed Name and Title

**ATTEST:**

*Michael A. Wilson*

\_\_\_\_\_  
By (Signature)

Michael A. Wilson, Regional Manager

\_\_\_\_\_  
Printed Name and Title

**END OF SECTION**

SECTION 00510

NOTICE OF AWARD FORM

To: **TLC Diversified, Inc.**

2719 17<sup>th</sup> Street East, Palmetto, FL 34221

**Project Name and Bid No.:** Mid-County WWTP Headworks  
Project No. 140056019

The OWNER has considered the BID submitted by you, dated June 26<sup>th</sup>, 2020 for the above described WORK in response to the Invitation for Bids and Information for Bidders.

You are hereby notified that your BID has been accepted for BID items in the amount of \$ Two Million, Two Hundred Thirty-Seven Thousand, Seven Hundred Seventy-Seven Dollars (\$2,237,777.00).

You are required by the Instructions to Bidder to execute the Agreement and furnish the required CONTRACTOR's Performance Bond, Payment Bond, and certificates of insurance within fourteen (14) calendar days from the date of this Notice to you. If you fail to execute said Agreement and to furnish said Bonds and insurance within fourteen (14) calendar days from receipt of this Notice, said OWNER will be entitled to consider all your rights arising out of the OWNER's acceptance of your BID as abandoned and as a forfeiture of your BID BOND. The OWNER will be entitled to such other rights as may be granted by law.

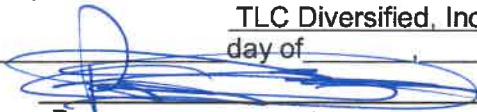
You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER.

Dated this 13<sup>th</sup> day of August 2020.

OWNER: Utilities, Inc. Florida  
(Name of OWNER)  
  
By (Signature)  
Patrick C. Flynn, Vice President of Operations  
(Printed Name and Title)

**ACCEPTANCE OF  
NOTICE**

Receipt and acceptance of the above NOTICE OF AWARD is hereby acknowledged by

this \_\_\_\_\_ TLC Diversified, Inc.  
day of \_\_\_\_\_  
By   
THURSTON LAMBERSON, PRESIDENT  
Printed Name and Title

**END OF SECTION**  
00510-1

**SECTION 00530  
NOTICE TO PROCEED FORM**

**To: TLC Diversified, Inc.**

2719 17<sup>th</sup> Street East, Palmetto, FL 34221

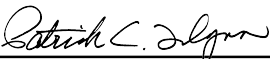
**Notice to Proceed Date:** January 5<sup>th</sup>, 2021

**Project Name:** Mid-County WWTP Headworks

**Bid No.:** 140056019

You are hereby notified to commence WORK in accordance with the Agreement dated August 8<sup>th</sup>, 2020. This Notice authorizes the CONTRACTOR to commence construction on the above date and, in accordance with the Agreement, all work shall be substantially complete within 540 330 calendar days of the date of this Notice to Proceed. Therefore, the date of substantial completion is December 1<sup>st</sup>, 2021. The date of Final Completion is December 31<sup>st</sup>, 2021.

ISSUED BY: Utilities, Inc. of Florida  
(Name of OWNER)

  
By (Signature)

Patrick C. Flynn, Vice President  
(Printed Name and Title)

**ACCEPTANCE OF  
NOTICE**

Receipt and acceptance of the above NOTICE TO PROCEED is hereby acknowledged by

\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_ By

\_\_\_\_\_ Printed Name and Title

**END OF SECTION**



# APPLICATION FOR A MINOR REVISION TO A WASTEWATER FACILITY OR ACTIVITY PERMIT

## 1. Instructions

- a. In accordance with Rule 62-620.325, F.A.C., this form must be submitted to the appropriate Department district office or approved local program when requests for minor revisions to a permit or minor modifications to a facility are made by a permittee, except for transfer of a permit to a new permittee and addition of a major user of reclaimed water to a Part III reuse system. Application for transfer of a permit to a new permittee shall be made on DEP Form 62-620.910(11). Application for addition of a major user of reclaimed water shall be made on DEP Form 62-610.300(4)(a)1.
- b. Each applicable item must be completed in full in order to avoid delay in processing of this form. Where attached sheets or other technical documentation are provided, indicate appropriate cross-references.
- c. Three (3) copies of this application with supporting documentation shall be submitted with this form.
- d. All information is to be typed or printed in ink. Dates are to be entered in MM/DD/YR format.
- e. This application and attachments shall be signed in accordance with Rule 62-620.305, F.A.C. Also, as applicable, this application and all attachments shall be signed and sealed by a professional engineer registered in Florida in accordance with Rule 62-620.310, F.A.C.

## 2. Facility Information

- |                           |                                     |                                    |                  |
|---------------------------|-------------------------------------|------------------------------------|------------------|
| a. Permit Number:         | <u>FL0034789</u>                    | b. Facility Identification Number: | <u>FL0034789</u> |
| c. Project/Facility Name: | <u>Mid-County WWTP</u>              |                                    |                  |
| d. Contact Name:          | <u>Patrick Flynn</u>                |                                    |                  |
| Number and Street:        | <u>200 Weathersfield Avenue</u>     |                                    |                  |
| City/State/Zip Code:      | <u>Altamonte Springs, FL, 32714</u> |                                    |                  |
| Telephone:                | <u>321-972-0359</u>                 |                                    |                  |

## 3. Type of Revision

- Correct Typographical Errors**<sup>1</sup> - Submit one copy of each page of the permit showing revisions being requested.
- Change Improvement Schedule**<sup>1</sup> - Provide a description of the improvement, a list of the dates to be revised, and a reason for the proposed change in each date.
- Change Expiration Date of Permit**<sup>1</sup> - Provide the current and proposed expiration dates for the permit and the reasons for the proposed change.
- Change Staffing Requirements**<sup>2</sup> - Describe the proposed change and submit justification for the change in accordance with Chapter 62-699, F.A.C.

<sup>1</sup>A processing fee is not required.

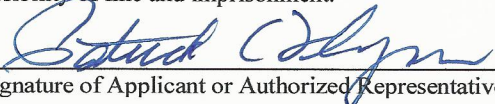
<sup>2</sup>A processing fee is required with the application in accordance with Rule 62-4.050, F.A.C.

- Change Monitoring and Reporting Requirements<sup>2</sup>** - Describe the proposed change and submit justification for the change in accordance with Chapter 62-601, F.A.C.
- Modify Approved Pretreatment Program<sup>1</sup>** - Describe the proposed modification and provide the information required by Rule 62-625.540, F.A.C.
- Delete Point Source Outfall<sup>1</sup>** - Identify the outfall and explain why the outfall is being eliminated.
- Modify or Expand Approved Residuals Land Application Sites<sup>2</sup>** - Attach a new or updated Agricultural Use or Dedicated Site Plan as required by Chapter 62-640, F.A.C.
- Minor Modification to the Facility<sup>2</sup>** - Provide a description of the proposed modification. If applicable, attach any reports, plans, and specifications which have been developed to implement this modification.
- Other<sup>2</sup>** - Provide appropriate documentation. Describe.

**4. Certifications**

a. Applicant or Authorized Representative

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

 June 30, 2020  
 (Signature of Applicant or Authorized Representative<sup>3</sup>) (Date)

Name (please type) Patrick Flynn Company Name Utilities, Inc. of Florida  
 Title Vice President of Operations Company Address: 200 Weathersfield Avenue  
 Phone: 321-972-0359 City/State/Zip Code: Altamonte Springs, FL, 32714  
 Email (optional): Patrick.Flynn@uiwater.com

b. Professional Engineer Registered in Florida

I certify that the engineering features of this project have been (designed) (examined) by me and found to conform to engineering principles applicable to such projects. In my professional judgement, this facility, when properly constructed, operated, and maintained, will comply with all applicable statutes of the State of Florida and rules of the Department.

Name (please type): Shelby N. Hughes, P.E.  
 Florida Registration Number: 86419  
 Company Name: Kimley-Horn and Associates, Inc.  
 Company Address: 100 2nd Ave. S. Suite 105N  
 City/State/Zip Code: St. Petersburg, FL, 33701  
 Phone Number: 727-498-2585  
 \_\_\_\_\_  
 (Seal, Signature, Date, and Registration Number)  
 Email (optional): shelby.hughes@kimley-horn.com

<sup>3</sup>If signed by the authorized representative, attach a letter of authorization in accordance Rule 62-620.305, F.A.C.



## Moorehead, Alexandria

---

**From:** Hughes, Shelby <Shelby.Hughes@kimley-horn.com>  
**Sent:** Thursday, July 16, 2020 12:55 PM  
**To:** Moorehead, Alexandria  
**Subject:** RE: 62-620.910(9) / Application for Minor Revision to a Wastewater Facility/ FL00349789 / Pinellas

Sure thing.

The existing headworks structure is reaching the end of it's useful service life and is need of replacement. Additionally, the headworks and grit removal system was upgraded to provide fine screening and grit removal in preparation for future plant improvements.

Thank you,

**Shelby Hughes, P.E.**

**Kimley-Horn** | 100 Second Avenue South, Suite 105N, St. Petersburg, FL. 33701  
Direct: 727 498 2585 | Mobile: 772 360 5688 | Main: 727 547 3999

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**From:** Moorehead, Alexandria <Alexandria.Moorehead@FloridaDEP.gov>  
**Sent:** Thursday, July 16, 2020 12:46 PM  
**To:** Hughes, Shelby <Shelby.Hughes@kimley-horn.com>  
**Subject:** RE: 62-620.910(9) / Application for Minor Revision to a Wastewater Facility/ FL00349789 / Pinellas

Thank you, Shelby!

Could you please provide an explanation for the requested modifications?

Sincerely,



**Alexandria Moorehead**

Florida Department of Environmental Protection  
Southwest District  
Engineering Specialist

[Alexandria.Moorehead@FloridaDEP.gov](mailto:Alexandria.Moorehead@FloridaDEP.gov)

Office: 813-470-5704

PLEASE NOTE: Florida has a very broad public records law. Most written communications to or from state owned e-mail accounts are considered to be public records and will be made available to the public or the media upon request. Therefore, your e-mail messages may be subject to public disclosure.

 Please consider the environment before printing this e-mail.

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**From:** Hughes, Shelby <[Shelby.Hughes@kimley-horn.com](mailto:Shelby.Hughes@kimley-horn.com)>  
**Sent:** Monday, July 13, 2020 4:37 PM  
**To:** Moorehead, Alexandria <[Alexandria.Moorehead@FloridaDEP.gov](mailto:Alexandria.Moorehead@FloridaDEP.gov)>; Ecker, Sarah <[Sarah.Ecker@kimley-horn.com](mailto:Sarah.Ecker@kimley-horn.com)>  
**Subject:** RE: 62-620.910(9) / Application for Minor Revision to a Wastewater Facility/ FL00349789 / Pinellas

Good Afternoon Alexandria,



Please see my changes below in the highlighted sections.

Thanks!

**Shelby Hughes, P.E.**

**Kimley-Horn** | 100 Second Avenue South, Suite 105N, St. Petersburg, FL. 33701

Direct: 727 498 2585 | Mobile: 772 360 5688 | Main: 727 547 3999

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**From:** Moorehead, Alexandria <[Alexandria.Moorehead@FloridaDEP.gov](mailto:Alexandria.Moorehead@FloridaDEP.gov)>

**Sent:** Monday, July 13, 2020 12:08 PM

**To:** Ecker, Sarah <[Sarah.Ecker@kimley-horn.com](mailto:Sarah.Ecker@kimley-horn.com)>

**Cc:** Hughes, Shelby <[Shelby.Hughes@kimley-horn.com](mailto:Shelby.Hughes@kimley-horn.com)>

**Subject:** RE: 62-620.910(9) / Application for Minor Revision to a Wastewater Facility/ FL00349789 / Pinellas

Hello Sarah,

I hope this finds you well! I am processing the minor modification for Mid-County WWTF. Could you review the following information and provide feedback?

- The modification is to:
  - Remove the **existing** static screen and associated grating at the 0.60 MGD train; and
  - Construct a **new headworks including fine screens and a grit removal system** the 0.30 MGD train.
- The current description of the WWTF is as follows:

“An existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced wastewater treatment facility consisting of two separate treatment trains: flow is directed through one static screen, followed by one equalization basin of 200,000 gallons total volume and then a flow splitter box which separates the flow into a 0.30 million gallons per day (MGD) treatment train and 0.60 million gallons per day (MGD) treatment train. The 0.30 million gallons per day (MGD) treatment train consists of six aeration basins, 349,000 gallons of total aeration volume and one clarifier of 92,000 gallons total volume with 1,025 square feet total surface area. The 0.60 million gallons per day (MGD) treatment train consists of two 300,000 gallon aeration basins, 600,000 gallons of total aeration volume and one clarifier of 98,000 gallons total volume with 1,086 square feet total square area. The two treatment trains are combined into four 5,000 gallon clarified effluent holding tanks, three deep-bed denitrification filters of 48,000 gallons total volume and 367 square feet of total surface area, one effluent holding tank of 16,000 gallons total volume, a chlorination/dechlorination chamber of 37,400 gallons total volume comprised of a 34,000 gallon chlorine contact chamber and a 3,400 gallon dechlorination chamber, one aerobic digester of 41,000 gallons total volume, and one sludge holding tank of 43,500 gallons total volume. This facility is operated to provide advanced wastewater treatment and high-level disinfection.”
- With the modifications, it will now read:

“An existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced wastewater treatment facility consisting of two separate treatment trains. **Flow is pumped from the Master Lift Station to the Headworks Structure, which includes fine screening and grit removal and is then routed to one equalization basin of 200,000 gallons total volume. The flow is pumped to a flow** splitter box which separates the flow into a 0.30 million gallons per day (MGD) treatment train and 0.60 million gallons per day (MGD) treatment train. The 0.30 million gallons per day (MGD) treatment train consists of six aeration basins, 349,000 gallons of total aeration volume and one clarifier of 92,000 gallons total volume with 1,025 square feet total surface area. The 0.60 million gallons per day (MGD) treatment train consists of two 300,000 gallon aeration basins, 600,000 gallons of total aeration volume and one clarifier of 98,000 gallons total volume with 1,086 square feet total square area. The two treatment trains are combined into four 5,000 gallon clarified effluent holding tanks, three deep-bed denitrification filters of 48,000 gallons total volume and 367 square feet of total surface area, one effluent holding tank of 16,000 gallons total volume, a chlorination/dechlorination chamber of 37,400 gallons total volume comprised of a 34,000 gallon chlorine contact chamber and a 3,400 gallon dechlorination chamber,

one aerobic digester of 41,000 gallons total volume, and one sludge holding tank of 43,500 gallons total volume. This facility is operated to provide advanced wastewater treatment and high-level disinfection.”

Please let me know if there is any additional information that should be added or removed. Thank you!

Sincerely,



**Alexandria Moorehead**

Florida Department of Environmental Protection

Southwest District

Engineering Specialist

[Alexandria.Moorehead@FloridaDEP.gov](mailto:Alexandria.Moorehead@FloridaDEP.gov)

Office: 813-470-5704

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 Please consider the environment before printing this e-mail.

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**From:** Ecker, Sarah <[Sarah.Ecker@kimley-horn.com](mailto:Sarah.Ecker@kimley-horn.com)>

**Sent:** Tuesday, July 7, 2020 3:40 PM

**To:** SWD\_WF\_Permitting <[SWD\\_WF\\_Permitting@dep.state.fl.us](mailto:SWD_WF_Permitting@dep.state.fl.us)>

**Cc:** Mike Wilson <[Mike.Wilson@uiwater.com](mailto:Mike.Wilson@uiwater.com)>; Hughes, Shelby <[Shelby.Hughes@kimley-horn.com](mailto:Shelby.Hughes@kimley-horn.com)>; Rice, Madison <[Madison.Rice@kimley-horn.com](mailto:Madison.Rice@kimley-horn.com)>

**Subject:** 62-620.910(9) / Application for Minor Revision to a Wastewater Facility/ FL00349789 / Pinellas

Hello,

Kimley-Horn has been authorized by Utilities, Inc. of Florida to provide engineering services for the Mid-County WWTP Headworks project. This project consists of a minor modification to the facility, including a new headworks structure and the addition of a grit removal system.

Please see the following documents attached for your review:

- 62-620.910(9) - Application for a Minor Revision to a Wastewater Facility or Activity Permit
- Mid-County WWTP Headworks – Plans

The associated permit fee will be paid through the DEP business portal once we receive the email with the necessary information.

The associated parties for this permit application are:

Shelby Hughes, P.E. ([shelby.hughes@kimley-horn.com](mailto:shelby.hughes@kimley-horn.com))

Patrick Flynn ([patrick.flynn@uiwater.com](mailto:patrick.flynn@uiwater.com))

Mike Wilson ([mike.wilson@uiwater.com](mailto:mike.wilson@uiwater.com))

Please let us know if you need any additional information.

Thanks,

**Sarah Ecker, E.I.**

**Kimley-Horn** | 100 Second Avenue South, Suite 105N, St. Petersburg, FL. 33701

Direct: 727 498 2329 | Main: 727 547 3999



# FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office  
13051 North Telecom Parkway #101  
Temple Terrace, Florida 33637-0926

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

July 22, 2020

**PERMITTEE:**

Mr. Patrick C. Flynn, Vice President of Operations  
Utilities, Inc. of Florida  
200 Weathersfield Avenue  
Altamonte Springs, Florida 32714  
[pcflyn@uiwater.com](mailto:pcflyn@uiwater.com)

Re: Minor Revision  
Mid-County WWTF  
PA File No. FL0034789-014-DW1/MR  
Pinellas County

Dear Mr. Flynn:

In accordance with Rule 62-620.325(2), Florida Administrative Code, the Department completed minor revisions of the above-referenced domestic wastewater facility permit, FL0034789, which expires on August 4, 2021.

The current permit description was revised to include the construction of a new headworks including fine screens and a grit removal system. This modification did not change the current Discharge Monitoring Reports (DMRs).

The revised permit is enclosed. Please replace the previous documents in their entirety. Please note that the original permit issuance and expiration dates still apply.

Also, please note that monitoring requirements under this permit are effective immediately. If you have any questions, you may contact Alexandria Moorehead at (813) 470-5704 or via email at [Alexandria.Moorehead@FloridaDEP.gov](mailto:Alexandria.Moorehead@FloridaDEP.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Pamala Vazquez", is written over a horizontal line.

Pamala Vazquez  
Program Administrator  
Permitting & Waste Cleanup Program  
Southwest District

Mr. Patrick C. Flynn, Vice President of Operations

Page 2

July 22, 2020

cc:

EPA Region IV – Water Management, [r4npdespermits@epa.gov](mailto:r4npdespermits@epa.gov)

Monica Sudano, FDEP-Tallahassee, [Monica.Sudano@floridadep.gov](mailto:Monica.Sudano@floridadep.gov)

Shelby Hughes, P.E., Kimley-Horn, [shelby.hughes@kimley-horn.com](mailto:shelby.hughes@kimley-horn.com)

Sarah Ecker, E.I., Kimley-Horn, [sarah.ecker@kimley-horn.com](mailto:sarah.ecker@kimley-horn.com)

Mike Wilson, Utilities, Inc., [mike.wilson@uiwater.com](mailto:mike.wilson@uiwater.com)

Astrid Flores-Thiebaud, DEP SWD, [astrid.floresthiebaud@floridadep.gov](mailto:astrid.floresthiebaud@floridadep.gov)

Steve Thompson, FDEP SWD, [Steve.Thompson@floridadep.gov](mailto:Steve.Thompson@floridadep.gov)

Gerald Loesch, DEP SWD, [gerald.loesch@floridadep.gov](mailto:gerald.loesch@floridadep.gov)

Erica Peck, DEP SWD, [erica.peck@floridadep.gov](mailto:erica.peck@floridadep.gov)

Alexandria Moorehead, DEP SWD, [alexandria.moorehead@floridadep.gov](mailto:alexandria.moorehead@floridadep.gov)



# FLORIDA DEPARTMENT OF Environmental Protection

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

Southwest District Office  
13051 North Telecom Parkway #101  
Temple Terrace, Florida 33637-0926

## STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

**PERMITTEE:**  
Mid-County Services, Inc.

**PERMIT NUMBER:** FL0034789 (Minor)  
**FILE NUMBER:** FL0034789-013-DW1P/NR  
**ISSUANCE DATE:** August 5, 2016  
**PA FILE NUMBER:** FL0034789-014-DW1/MR  
**REVISION DATE:** **July 22, 2020**  
**EXPIRATION DATE:** August 4, 2021

**RESPONSIBLE OFFICIAL:**  
Mr. Patrick C. Flynn, Vice President of Operations  
Utilities, Inc. of Florida  
200 Weathersfield Avenue  
Altamonte Springs, Florida 32714-4027  
(407) 869-1919  
[pcflyn@uiwater.com](mailto:pcflyn@uiwater.com)

### FACILITY:

Mid-County WWTP  
2299 Spanish Vista Drive  
Dunedin, FL 34698-9438  
Pinellas County  
Latitude: 28°2' 16 " N      Longitude: 82°44' 31" 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.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. 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 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced wastewater treatment facility consisting of two separate treatment trains: flow is directed through one static screen, followed by one equalization basin of 200,000 gallons total volume and then a flow splitter box which separates the flow into a 0.30 million gallons per day (MGD) treatment train and 0.60 million gallons per day (MGD) treatment train. The 0.30 million gallons per day (MGD) treatment train consists of six aeration basins, 349,000 gallons of total aeration volume and one clarifier of 92,000 gallons total volume with 1,025 square feet total surface area. The 0.60 million gallons per day (MGD) treatment train consists of two 300,000-gallon aeration basins, 600,000 gallons of total aeration volume and one clarifier of 98,000 gallons total volume with 1,086 square feet total square area. The two treatment trains are combined into four 5,000 gallon clarified effluent holding tanks, three deep-bed denitrification filters of 48,000 gallons total volume and 367 square feet of total surface area, one effluent holding tank of 16,000 gallons total volume, a chlorination/dechlorination chamber of 37,400 gallons total volume comprised of a 34,000 gallon chlorine contact chamber and a 3,400 gallon dechlorination chamber, one aerobic digester of 41,000 gallons total volume, and one sludge holding tank of 43,500 gallons total volume. This facility is operated to provide advanced wastewater treatment and high-level disinfection.

PERMITTEE: Mid-County Services, Inc.  
FACILITY: Mid-County WWTP

PERMIT NUMBER: FL0034789-014-DW1/MR

## **MODIFICATION**

Removal of the existing static screen and associated grating and the construction of a new headworks including fine screens and a grit removal system.

## **AFTER MODIFICATION**

An existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced wastewater treatment facility consisting of two separate treatment trains. Flow is pumped from the Master Lift Station to the Headworks Structure, which includes fine screening and grit removal and is then routed to one equalization basin of 200,000 gallons total volume. The flow is pumped to a flow splitter box which separates the flow into a 0.30 million gallons per day (MGD) treatment train and 0.60 million gallons per day (MGD) treatment train. The 0.30 million gallons per day (MGD) treatment train consists of six aeration basins, 349,000 gallons of total aeration volume and one clarifier of 92,000 gallons total volume with 1,025 square feet total surface area. The 0.60 million gallons per day (MGD) treatment train consists of two 300,000-gallon aeration basins, 600,000 gallons of total aeration volume and one clarifier of 98,000 gallons total volume with 1,086 square feet total square area. The two treatment trains are combined into four 5,000 gallon clarified effluent holding tanks, three deep-bed denitrification filters of 48,000 gallons total volume and 367 square feet of total surface area, one effluent holding tank of 16,000 gallons total volume, a chlorination/dechlorination chamber of 37,400 gallons total volume comprised of a 34,000 gallon chlorine contact chamber and a 3,400 gallon dechlorination chamber, one aerobic digester of 41,000 gallons total volume, and one sludge holding tank of 43,500 gallons total volume. This facility is operated to provide advanced wastewater treatment and high-level disinfection.

## **REUSE OR DISPOSAL:**

**Surface Water Discharge D-001:** An existing 0.90 million gallons per (MGD) Annual Average Daily Flow (AADF) discharge into the Class III Fresh waters of Curlew Creek, WBID 1538A. Curlew Creek flows into WBID 1538 of Curlew Creek Tidal Segment, Class III Marine waters, thence WBID 1528C of Clearwater Harbor (north), Class III Marine waters. The point of discharge is located approximately at latitude 28° 02' 18" N, longitude 82° 44' 32" W.

**IN ACCORDANCE WITH:** The limitations, monitoring requirements, and other conditions set forth in these cover sheets and Part I through Part IX on pages 3 through 22 of this permit.

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**I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

**A. Surface Water Discharges**

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from Outfall D-001 to Curlew Creek. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.7:

Parameter	Units	Max/Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow, to D-001	MGD	Max	0.90	Annual Average	Monthly	Calculated	FLW-01	See I.A.3
Flow, to D-001	MGD	Max	Report	Monthly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-01	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max	5.0	Annual Average	Monthly	Calculated	EFD-01	
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max	6.25 10.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFD-01	
Solids, Total Suspended	mg/L	Max	5.0	Annual Average	Monthly	Calculated	EFD-01	
Solids, Total Suspended	mg/L	Max Max	6.25 10.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFD-01	See I.A.6
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 Days/Week	Grab	EFD-01	
Nitrogen, Total	mg/L	Max	3.0	Annual Average	Monthly	Calculated	EFD-01	
Nitrogen, Total	mg/L	Max Max	3.75 6.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFD-01	
Phosphorus, Total (as P)	mg/L	Max	1.0	Annual Average	Monthly	Calculated	EFD-01	
Phosphorus, Total (as P)	mg/L	Max Max	1.25 2.0	Monthly Average Single Sample	Weekly	16-hr FPC	EFD-01	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Meter	EFD-01	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	Monthly	Calculated	EFA-01	See I.A.4
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 days/Week	Grab	EFA-01	See I.A.4
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	5 Days/Week	Meter	EFA-01	See I.A.5
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	Weekly	Grab	EFD-01	
Oxygen, Dissolved (DO)	mg/L	Min	5.00	Single Sample	5 Days/Week	Grab	EFD-01	
Nitrogen, Total	ton/mth	Max	Report	Monthly Total	Monthly	Calculated	EFD-01	See I.A.7



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Parameter	Units	Max/Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Nitrogen, Total	ton/yr	Max	2.12	Annual Total	Monthly	Calculated	EFD-01	See I.A.7
Chronic Whole Effluent Toxicity, 7-Day IC25 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	Semi-Annually; twice per year	24-hr FPC	EFD-01	See I.A.6
Chronic Whole Effluent Toxicity, 7-Day IC25 (Pimephales promelas)	percent	Min	100	Single Sample	Semi-Annually; twice per year	24-hr FPC	EFD-01	See I.A.6

2. Effluent 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
FLW-01	Flow meter prior to discharge to Curlew Creek.
EFD-01	After dechlorination and prior to surface water discharge to Curlew Creek.
EFA-01	After disinfection and prior to dechlorination.
EFB-01	After filtration and prior to disinfection.

3. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-600.660(1)]
4. Over a 30-day period, at least 75 percent of the fecal coliform values shall be below the detection limits. No sample shall exceed 25 fecal coliforms per 100 mL. No sample shall exceed 5.0 mg/L of total suspended solids (TSS) at a point before the application of the disinfectant. Note: 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(6)(a)]
5. A minimum of 1.0 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-600.440(5)(c), (6)(b), and (7)(c)]
6. The permittee shall comply with the following requirements to evaluate chronic whole effluent toxicity of the discharge from outfall D-001.
- a. Effluent Limitation
    - (1) In any routine or additional follow-up test for chronic whole effluent toxicity, the 25 percent inhibition concentration (IC25) for reproduction or growth shall not be less than 100% effluent. [Rules 62-302.530(61) and 62-4.241(1)(b), F.A.C.]
    - (2) For acute whole effluent toxicity, the 96-hour LC50 shall not be less than 100% effluent in any test. [Rule 62-302.500(1)(a)4. and 62-4.241(1)(a), F.A.C.]
  - b. Monitoring Frequency
    - (1) Routine toxicity tests shall be conducted once every six months, the first starting within 60 days of the effective date of this permit and lasting for the duration of this permit.
  - c. Sampling Requirements
    - (1) For each routine test or additional follow-up test conducted, a total of three flow proportional 24-hr composite samples of final effluent shall be collected and used in accordance with the sampling protocol discussed in EPA-821-R-02-013, Section 8.
    - (2) The first sample shall be used to initiate the test. The remaining two samples shall be collected according to the protocol and used as renewal solutions on Day 3 (48 hours) and Day 5 (96 hours) of the test.
    - (3) Samples for routine and additional follow-up tests shall not be collected on the same day.
  - d. Test Requirements
    - (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and a minimum of five test dilutions: **100%, 50%, 25%, 12.5%, and 6.25%** final effluent.
    - (2) The permittee shall conduct a daphnid, **Ceriodaphnia dubia**, Survival and Reproduction Test and a fathead minnow, **Pimephales promelas**, Larval Survival and Growth Test, concurrently.
    - (3) All test species, procedures and quality assurance criteria used shall be in accordance with **Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms**, 4th Edition, EPA-821-R-02-013. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct chronic toxicity testing in accordance with the revised method.
    - (4) The control water and dilution water shall be moderately hard water as described in EPA-821-R-02-013, Section 7.2.3.

e. Quality Assurance Requirements

- (1) A standard reference toxicant (SRT) quality assurance (QA) chronic toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or initiated no more than 30 days before the date of each routine or additional follow-up test conducted. Additionally, the SRT test must be conducted concurrently if the test organisms are obtained from outside the test laboratory unless the test organism supplier provides control chart data from at least the last five monthly chronic toxicity tests using the same reference toxicant and test conditions. If the organism supplier provides the required SRT data, the organism supplier's SRT data and the test laboratory's monthly SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.
- (2) If the mortality in the control (0% effluent) exceeds 20% for either species in any test or the "test acceptability criteria" are not met, the test for that species (including the control) shall be invalidated and the test repeated. Test acceptability criteria for each species are defined in EPA-821-R-02-013, Section 13.12 (**Ceriodaphnia dubia**) and Section 11.11 (**Pimephales promelas**). The repeat test shall begin within 21 days after the last day of the invalid test.
- (3) If 100% mortality occurs in all effluent concentrations for either test species prior to the end of any test and the control mortality is less than 20% at that time, the test (including the control) for that species shall be terminated with the conclusion that the test fails and constitutes non-compliance.
- (4) Routine and additional follow-up tests shall be evaluated for acceptability based on the observed dose-response relationship as required by EPA-821-R-02-013, Section 10.2.6., and the evaluation shall be included with the bioassay laboratory reports.

f. Reporting Requirements

- (1) Results from all required tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
  - (a) Routine and Additional Follow-up Test Results: The calculated IC25 for reproduction or growth for each test species shall be entered on the DMR.
- (2) A bioassay laboratory report for each routine test shall be prepared according to EPA-821-R-02-013, Section 10, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days after the last day of the test.
- (3) For additional follow-up tests, a single bioassay laboratory report shall be prepared according to EPA-821-R-02-013, Section 10, and mailed within 30 days after the last day of the second valid additional follow-up test.
- (4) Data for invalid tests shall be included in the bioassay laboratory report for the repeat test.
- (5) The same bioassay data shall not be reported as the results of more than one test.
- (6) All bioassay laboratory reports shall be sent to:

Florida Department of Environmental Protection  
Southwest District Office  
13051 N Telecom Pkwy  
Temple Terrace, Florida 33637-0926  
Phone Number - (813) 470-5700  
FAX Number - (813) 470-5996  
[swd\\_dw@dep.state.fl.us](mailto:swd_dw@dep.state.fl.us)

g. Test Failures

- (1) A test fails when the test results do not meet the limits in I.A.6.a.(1).
- (2) Additional Follow-up Tests:
  - (a) If a routine test does not meet the chronic toxicity limitation in I.A.6.a.(1) above, the permittee shall notify the Department at the address above within 21 days after the last day of the failed routine test and conduct two additional follow-up tests on each species that failed the test in accordance with I.A.6.d.
  - (b) The first test shall be initiated within 28 days after the last day of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until a total of two valid additional follow-up tests are completed.
  - (c) The first additional follow-up test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 50%, 25%, 12.5%, and 6.25% effluent. The permittee may modify the dilution series in the second additional follow-up test to more accurately bracket the toxicity such that at least two dilutions above and two dilutions below the target concentration and a control (0%

effluent) are run. All test results shall be analyzed according to the procedures in EPA-821-R-02-013.

- (3) In the event of three valid test failures (whether routine or additional follow-up tests) within a 12-month period, the permittee shall notify the Department within 21 days after the last day of the third test failure.
  - (a) The permittee shall submit a plan for correction of the effluent toxicity within 60 days after the last day of the third test failure.
  - (b) The Department shall review and approve the plan before initiation.
  - (c) The plan shall be initiated within 30 days following the Department's written approval of the plan.
  - (d) Progress reports shall be submitted quarterly to the Department at the address above.
  - (e) During the implementation of the plan, the permittee shall conduct quarterly routine whole effluent toxicity tests in accordance with I.A.6.d. Additional follow-up tests are not required while the plan is in progress. Following completion or termination of the plan, the frequency of monitoring for routine and additional follow-up tests shall return to the schedule established in I.A.6.b.(1). If a routine test is invalid according to the acceptance criteria in EPA-821-R-02-013, a repeat test shall be initiated within 21 days after the last day of the invalid routine test.
  - (f) Upon completion of four consecutive quarterly valid routine tests that demonstrate compliance with the effluent limitation in I.A.6.a.(1) above, the permittee may submit a written request to the Department to terminate the plan. The plan shall be terminated upon written verification by the Department that the facility has passed at least four consecutive quarterly valid routine whole effluent toxicity tests. If a test within the sequence of the four is deemed invalid, but is replaced by a repeat valid test initiated within 21 days after the last day of the invalid test, the invalid test will not be counted against the requirement for four consecutive quarterly valid routine tests for the purpose of terminating the plan.
- (4) If chronic toxicity test results indicate greater than 50% mortality within 96 hours in an effluent concentration equal to or less than the effluent concentration specified as the acute toxicity limit in I.A.6.a.(2), the Department may revise this permit to require acute definitive whole effluent toxicity testing.
- (5) The additional follow-up testing and the plan do not preclude the Department taking enforcement action for acute or chronic whole effluent toxicity failures.

[62-4.241, 62-620.620(3)]

- 7. In accordance with Rule 62-304.645(13)(a), F.A.C., the Total Maximum Daily Load for Total Nitrogen from this facility shall be 2.12 tons/year (annual total). The Total Nitrogen loading shall be calculated from the monthly average Total Nitrogen concentrations as follows:

<b>Monthly Total (Mt)</b>
$Mt_n = \frac{\text{(Monthly Average Total Nitrogen Concentration, mg/l)} \times \text{(Total Monthly Flow, MG)} \times (8.3454)}{2000 \text{ lbs}}$
$Mt_n = \text{Tons/Month}$

The Annual Total shall be calculated as a 12-month rolling total based on the cumulative total of TN tons discharged during the reporting month ( $Mt_n$ ) plus the total of TN tons discharged during the preceding 11 consecutive months.

<b>Annual Total (At)*</b>
Annual Total at the end of the $n^{\text{th}}$ Month: $At = Mt_{n-11} + Mt_{n-10} \dots Mt_n$

\*The Annual Total will be calculated and reported as an accumulation of each monthly TN load after this permit monitoring effective date until twelve (12) months of data are collected, after which the rolling total will be reported.

[62-304.645(13)(a)]

- 8. **Ambient Monitoring Program**  
 The permittee shall conduct a surface water-monitoring program to evaluate the impacts of the discharge on the water quality of the receiving body of water. The monitoring described below shall be conducted semi-annual basis (wet and dry season). The monitoring reports shall be submitted to the Department's SW District Office annually. The reports shall include discussion and interpretation of the water quality results.

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Ambient sampling should always be conducted in conjunction with a surface water discharge sampling event.

- a. Sampling locations
  - i. Test site 1 shall be located 300 feet upstream of the outfall to Curlew Creek.
  - ii. Test site 2 shall be located 300 feet downstream of the outfall to Curlew Creek.
  - iii. Outfall D-001 (effluent): At the outfall (effluent shall be collected just prior to mixing with the surface waters).
- b. Sampling Depths
  - i. Mid-depth samples shall be collected at the two ambient sites.
- c. Sampling Parameters
  - i. Surface (at upstream and downstream sites): pH, dissolved oxygen, temperature, salinity and specific conductance shall be measured at 0.1 meter below the surface of the water.
  - ii. Mid-depth (at upstream and downstream sites): pH, dissolved oxygen, temperature, salinity, specific conductivity, total suspended solids, CBOD<sub>5</sub>, total Kjeldahl nitrogen, nitrite-nitrate, total ammonia nitrogen, total phosphorous, ortho-phosphorus, chlorophyll a corrected, fecal coliform bacteria and turbidity.
  - iii. Outfall (effluent): pH, dissolved oxygen, temperature, specific conductivity, total suspended solids, CBOD<sub>5</sub>, total Kjeldahl nitrogen, nitrite-nitrate, total ammonia nitrogen, total phosphorus, ortho-phosphorus and fecal coliform bacteria.
  - iv. Bottom (at upstream and downstream sites): pH, dissolved oxygen, temperature, salinity and specific conductivity shall be measured at 0.1 meter above the bottom.
- d. Secchi Depth: Secchi depth shall be measured at both ambient sites.
- e. Ambient Conditions: Air temperature, rainfall, cloud cover and flow direction of receiving water body shall be noted at each sampling site.
- f. Chain of Custody: Time/date of sampling and name of persons who obtained the sample shall be noted at each sampling site.
- g. Report: A report containing the data from the Ambient Monitoring Program shall be submitted to FDEP's Southwest District outlining the results in electronic format. The report shall also include all chain of custody forms, laboratory results as reported by the laboratory and the physiochemical raw data sheets. *[62-302.300]*

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**B. Other Limitations and Monitoring and Reporting Requirements**

1. During the period beginning on the effective 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.7.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow, Total Plant	MGD	Max	0.9	Annual Average	Monthly	Calculated	FLW-01	See I.B.4
Flow, Total Plant	MGD	Max Max	Report Report	Monthly Average 3-Month Rolling Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-01	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	INF-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Monthly Average	Monthly	16-hr FPC	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Monthly Average	Monthly	16-hr FPC	INF-01	See I.B.3

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 meter prior to discharge to Curlew Creek.
INF-01	Influent sampling point at the head works 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. [62-600.660(4)(a)]
4. Recording Flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-600.200(25)]
5. 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 62-600, 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:
- 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;
  - 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
  - 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]

6. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. [62-600.650(2)]
7. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. 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, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each



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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	first day of month - last day of month	28 <sup>th</sup> day of following month
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either electronic or paper DMR forms before December 21, 2016. As of December 21, 2016, the permittee is required to submit electronic DMR forms.

If submitting electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at <http://www.fldepportal.com/go/>. Reports shall be submitted 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.

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 by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection  
Wastewater Compliance Evaluation Section, Mail Station 3551  
Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

[62-620.610(18)][62-600.680(1)]

8. 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 Southwest District Office at the address specified below:

Florida Department of Environmental Protection  
Southwest District Office  
13051 N Telecom Pkwy  
Temple Terrace, Florida 33637-0926  
Phone Number - (813) 470-5700  
FAX Number - (813) 470-5996  
[swd\\_dw@dep.state.fl.us](mailto:swd_dw@dep.state.fl.us)  
[62-620.305]

9. 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 transferred to a 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 Monitoring Group RMP-Q in accordance with Condition I.B.7.

Parameter	Units	Max/Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1
Biosolids Quantity (Landfilled)	dry tons	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.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Biosolids Quantity (Transferred to Biosolids Treatment Facility)
RMP-2	Biosolids Quantity (Landfilled)

5. 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)]
6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]

7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

**B. Disposal**

8. 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)]

**C. Transfer**

9. 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)]
10. 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)]

**D. Receipt**

11. 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**

1. Section III is not applicable to this facility.

**IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS**

1. Section IV is not applicable to this facility.

## 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 a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category I, Class B facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 8 hours/day for 7 days/week. The 8 hours/day of staffing shall occur during the 8-hour period of greatest influent flow. The lead/chief operator must be a Class B operator, or higher.

*[62-620.630(3)][62-699.310][62-699.311(5)(a)2.] [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)]*

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

1. 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)]*
2. 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 biosolids use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least five 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;
  - 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
a. Submit Notification of Completion of Constructions for Wastewater Facilities or Activities, DEP Form 62-620.910(12), prior to placing headworks into operation.	Prior to placing headworks into operation.
b. Submit Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals, DEP Form 62-620.910(13).	Within 6 months of placing headworks into operation.
c. Submit an application for renewal as required in permit Conditions VI.2. a.	At least 180 days before the permit expiration date.

- 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.

Please note, effluent testing shall be conducted for each outfall in accordance with the instructions provided in Sections 3.A.12., 13., and 14. of the application form. A minimum of three samples shall be taken within four and one-half years prior to the date of the permit application and must be representative of the seasonal variation in the discharge from each outfall. [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. 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(5) and 62-640.400(6)]

2. 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)]
3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
4. 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)]
5. 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. [62-600.400(2)(b)]
6. 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)]
7. 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)]
8. The permittee shall provide verbal notice to the Department's Southwest 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 biosolids (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 Southwest District Office in a written report within 7 days of the sinkhole discovery. [62-620.320(6)]

9. The permittee shall provide 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.

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)]*

10. Reopener Clause:

- a. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345, F.A.C., if applicable, or to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act (the Act), as amended, if the effluent standards, limitations, or water quality standards so issued or approved:
  - (1) Contains different conditions or is otherwise more stringent than any condition in the permit/or;
  - (2) Controls any pollutant not addressed in the permit.
  - (3) The permit as revised or reissued under this paragraph shall also contain any other requirements of the Act then applicable.
- b. The permit may be reopened to adjust effluent limitations or monitoring requirements should future Water Quality Based Effluent Limitation determinations, water quality studies, DEP approved changes in water quality standards, or other information show a need for a different limitation or monitoring requirement.
- c. The Department may develop a Total Maximum Daily Load (TMDL) during the life of the permit. Once a TMDL has been established and adopted by rule, the Department shall revise this permit to incorporate the final findings of the TMDL.

*[62-620.325 & 62-620.345]*

## 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)]*
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)]*

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, 62-600, and 62-610, F.A.C., and 40 CFR 136, as appropriate.

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- 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.
- 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 Southwest 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 IX.20.(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 WATCH OFFICE 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

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discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:

- (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 IX.20.b.1 above, shall be provided to the Department's Southwest District Office within 24 hours from the time the permittee becomes aware of the circumstances.
- 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 Southwest 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.

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- 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)]

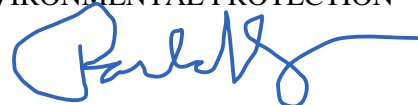
23. Upset Provisions.

- 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.
- 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 Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION



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Pamala Vazquez  
Program Administrator  
Permitting & Waste Cleanup Program  
Southwest District



The permit with file number FL0034789-013-DW1P/NR was revised to incorporate the following modification:

1. Remove the existing static screen and associated grating; and
2. Construct a new headworks including fine screens and a grit removal system.

As a result, the permit description was updated accordingly. Additionally, section VI. Schedules was modified to include the following:

Improvement Action	Completion Date
a. Submit Notification of Completion of Constructions for Wastewater Facilities or Activities, DEP Form 62-620.910(12), prior to placing headworks into operation.	Prior to placing headworks into operation.
b. Submit Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals, DEP Form 62-620.910(13).	Within 6 months of placing headworks into operation.

This revision will become applicable after the proposed construction for the WWTP is completed. Changes to the current permit for the Mid-County WWTP did not substantially change any permit requirements such as flow rating of the plant, treatment type and effluent disposal.