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FPSC - COMMISSION CLERK

State of Florida

Public Service Commission

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

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

DATE: October 20, 2020

TO: Adam J. Teitzman, Commission Clerk, Office of Commission Clerk

FROM: Kerri Maloy, Engineering Specialist I, Division of Engineering KM LK ME TB

RE: Docket No. 20200139-WS - Application for increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties, by Utilities, Inc. of Florida.

Please file the attached complaint and compliance data from the Florida Department of Environmental Protection, along with a Certification of Copies, in response to staff's information request (Document No. 05337-2020), in the above mentioned docket file.

KM/pz

Attachment

FLORIDA DEPARTMENT OF
Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, FL 32399

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

DEPARTMENT OF ENVIRONMENTAL PROTECTION
CERTIFICATION OF COPIES

I HEREBY CERTIFY that the attached documents are true and correct copies from the files of the Department of Environmental Protection.

This certification does not attest to the contents of these documents, but rather that the Florida Department of Environmental Protection retained them in the ordinary course of business.

1. 2019 Wekiva Quarterly Report - 4Q to FDEP
2. 2020 Wekiva Quarterly Report - 1Q to FDEP
3. 2020 Wekiva Quarterly Report - 2Q to FDEP
4. 3354881 Q2 2019 LUSI per OGC Case # 16-0376 (1)
5. 4th Quarter 2011 Status Report for Park Ridge Consent Order RE DBPR Exceedances
6. CD 3354883 Lake Utility Services Inc North ELFCO (3)
7. CO Closure request for Park Ridge 5.30.2012
8. Copy of PSC Compliance Complaints Final
9. EPA Re Golden Hills Admin Order 1-31-12 (006)
10. FL0034789_1. In-kind acceptance 0GC 18-1197 12-3-18 (1)
11. FL0034789_1. Mid-County_Draft Warning Letter 07.31.19
12. FL0034789_1. Mid-County In-Kind Approval Ltr 2-20
13. FL0034789_1. Mid-County_In-Kind Completion Letter 07.25.19
14. FL0034789_1. Mid-County_SFCO 09.24.19 (1)
15. FL0034789_1. Mid-County_SFCO 09.24.19
16. FL0034789_1. Proposed CO Cover Letter 11-7-18

17. FL0034789_1. Proposed CO Cover Letter 9-19-18
18. FL0034789_Executed CO 12-5-19
19. FL0034789_Mid-County CAR Feb 2019
20. FL0034789_Mid-County PDR Feb 2019
21. FL0034789_Mid-County Services, Inc. Warning Letter 3-9-18
22. FL0034789_Mid-County Services WL response 3-2-18
23. FL0034789_OGC FIle 18-1197 Executed_Mid-County Services 11-19-18
24. FL0034789_Response to DEP informal conference 102719
25. FL0034789_RE_ Voicemail Follow-up 10-11-19
26. FL0034789_RE_ Voicemail Follow-up2 10-28-19
27. FL0034789_Utilities Inc. of Florida Meeting Sign in sheet for April 12, 2018 (1)
28. FL0034789_Utilities Inc. of Florida Meeting Sign in sheet for April 12, 2018 (3)
29. FL0034789_Utilities Inc. of Florida Meeting Sign in sheet for April 12, 2018
30. FL0036251_2019-08-12 - WL - Spill at 144 Ledbury Drive
31. FL0036251_2019-09-10 - WL RESPONSE - Spill at 144 Ledbury
32. FL0036251_2019-09-12 - RTC LETTER - Spills at Wekiva Hunt Club (2)
33. FL0036251_2019-09-12 - RTC LETTER - Spills at Wekiva Hunt Club
34. FL0036251_2019-10-15 - WL - Spill at 144 Ledbury Drive
35. FL0036251_Consent order Fee and Exhibit A response 4-15-15
36. FL0036251_Draft CO Cover Letter_05.07.20
37. FL0036251_draft WL_Wekiva_111717 9-16-19
38. FL0036251_In-kind approval 7-12-18
39. FL0036251_Q1 2019 Quarterly Report per OGC Case # 18-0103 (1)
40. FL0036251_Q1 2019 Quarterly Report per OGC Case # 18-0103 (2)
41. FL0036251_Q2 2019 Quarterly Report per OGC Case # 18-0103
42. FL0036251_Wekiva Hunt Club CA 1-1-20
43. FL0036251_Wekiva Hunt Club_LFCO EXTENSION_191003 10-17-19
44. FL0036251_Wekiva Hunt Club Response to WL 11-7-19
45. FL0036251_WL 12.16.19 (1)
46. FL0036251_WL_FL0036251_12.16.19
47. FLA013123 State Warning Point-Permit Modification

48. LUSI North_3354883 and South 3354881_LFCO Amendment 1_170621_NB 7-6-17 (2)

49. LUSI North_3354883 and South 3354881_LFCO Amendment 2_181211 1-11-19 (3)

50. LUSI North_3354883_LFCO Cover Ltr_DBP_160713 7-13-16(1)

51. PWS 3354883 Lake Utility Services Consent order 7-13-16

52. RE_LUSI South Consent Order OGC 16-0376 TTHM Exceedances 12-19-16

Executed this 12th day of October, 2020.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Jamie J. Shakar, Environmental Administrator
Source and Drinking Water Program
Records Custodian/Deputy Clerk

_____ (witness)
Leandro Garcia, Program Administrator
Source and Drinking Water Program

STATE OF FLORIDA
COUNTY OF LEON

Sworn to (or affirmed) and subscribed before me by means of ☐ physical presence or ☒ online notarization, this 12th day of October, 2020 by Jamie J. Shakar, personally Known X OR Produced Identification ____.

_____ (Signature of Notary Public – State of Florida)

Stamp:

APRIL DAVIE
Commission # GG 974179
Expires May 14, 2024
Bonded Thru Troy Fain Insurance 800-385-7019

Utilities, Inc. of Florida

January 7, 2020

Mr. Daniel Hall
Environmental Consultant
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Wekiva Hunt Club WWTF
Facility ID# FL0036251
OGC Case # 18-0103
Quarterly Report, Q4 2019

Dear Mr. Hall:

Pursuant to the requirements of the above referenced Consent Order, the following items are noted at the end of the 4th Qtr. of 2019.

The Wekiva Hunt Club Wastewater Facility is operating in compliance with the operating permit.

The administration fee of $500.00, check #1056201, was forwarded to the Department on March 23, 2018.

An engineering contract was awarded to Kimley-Horn on March 26, 2018 to perform an evaluation of the facility.

An in-kind project consisting of a SCADA system installation in all Sanlando lift stations was submitted to the Department for review and approval on April 24, 2018.

The wastewater rehabilitation project was completed on May 14, 2018.

The wastewater facility evaluation report performed by Kimley Horn was submitted to the Department for review and approval on June 7, 2018. The Department approved the evaluation proposal on August 27, 2018.

The previously submitted in-kind project was approved by the Department on July 12, 2018. The project was completed on September 10, 2018. A completion letter with project details was forwarded to the Department on October 25, 2018.

A construction permit and operating permit renewal application was submitted to the Department on 10/26/2018.

Wekiva Hunt Club WWTF
Facility ID# FL0036251
OGC Case #18-0103
Quarterly Report
Page Two

The Utility received an RAI letter from the Department on 11/20/2018 regarding the operating permit renewal application. Subsequent to receiving the letter, a meeting was held at FDEP's office with Utility staff on 12/10/2018 to discuss the content of the RAI in order to develop a complete response that is due by 2/18/2019.

Since the meeting with the Department, the Utility has elected not to pursue the renewal of the operating permit at this time.

The construction permit was received from the Department on 1/31/2019.

On March 25, 2019 Kimley Horn forwarded an email on the utility's behalf to extend the Consent Order deadline for the completion of construction from the end of 2019 to June 30, 2020. The Utility is awaiting response from the Department.

Construction bids were received, evaluated, and a contractor has been selected to perform the work. A Notice to Proceed and Contract Award is to be issued in July 2019.

The Wekiva WWTF Improvements Construction project contract and notice to proceed were both executed by the contractor and Uitlity on 7/18/2019. A preconstruction meeting was held on 7/30/2019. The Seminole County building and demo permit process is currently underway.

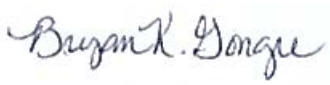
Since the last quarterly update the Utility's contractor has been working with Seminole County's Building Division to secure building and demolition permits in order to commence work. With the County's requirments being met, the contractor believes that the permits should be issued during the month of January. Equipment such as the blowers, tertiary filters and electrical gear have been ordered and are in production.

Wekiva Hunt Club WWTF
Facility ID# FL0036251
OGC Case #18-0103
Quarterly Report
Page Three

If you should have any questions or require further information, please do not hesitate to contact me directly at 321.972.0360 or via email at bkgongre@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA



Bryan K. Gongre
Regional Manager

EC: Patrick C. Flynn, Vice President
Seyd Matteson, Compliance & Safety Manager

Utilities, Inc. of Florida

April 2, 2020

Mr. Daniel Hall
Environmental Consultant
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Wekiva Hunt Club WWTP
Facility ID# FL0036251
OGC Case # 18-0103
Quarterly Report, Q1 2020

Dear Mr. Hall:

Pursuant to the requirements of the above referenced Consent Order, the following items are noted at the end of the 1st Qtr. of 2020.

The Wekiva Hunt Club Wastewater Facility is operating in compliance with the operating permit.

The administration fee of $500.00, check #1056201, was forwarded to the Department on March 23, 2018.

An engineering contract was awarded to Kimley-Horn on March 26, 2018 to perform an evaluation of the facility.

An in-kind project consisting of a SCADA system installation in all Sanlando lift stations was submitted to the Department for review and approval on April 24, 2018.

The wastewater rehabilitation project was completed on May 14, 2018.

The wastewater facility evaluation report performed by Kimley-Horn was submitted to the Department for review and approval on June 7, 2018. The Department approved the evaluation proposal on August 27, 2018.

The previously submitted in-kind project was approved by the Department on July 12, 2018 and completed on September 10, 2018. A completion letter with project details was forwarded to the Department on October 25, 2018.

A construction permit and operating permit renewal application was submitted to the Department on October 26, 2018.

The Utility received a Request for Additional Information (RAI) from the Department on November 20, 2018 regarding the upcoming operating permit renewal application. Subsequently, a meeting was held at FDEP's Central District office on December 10, 2018 to discuss the content of the RAI in order to develop a complete response that was due by February 18, 2019. Thereafter, the Utility elected not to pursue the renewal of the operating permit at this time.

The construction permit was received from the Department on January 31, 2019.

On March 25, 2019 Kimley-Horn forwarded an email on the utility's behalf requesting an extension to the Consent Order deadline. Instead of having a substantial completion date of December 31, 2019, the Department agreed to a revised deadline of January 31, 2021 as reflected in correspondence issued on October 17, 2019.

Construction bids were solicited, received, opened and evaluated in July 2019. A general contractor, Florida Environmental Construction (FEC), was selected to perform the work. A Notice to Proceed was issued and the contract was executed on July 18, 2019. A pre-construction meeting was then held on July 30, 2019. Thereafter, FEC submitted all of the necessary documentation to Seminole County's Building Division to obtain the required building and demolition permits. This has been a very slow and cumbersome process due to the chronic ineptitude of Seminole County's building permit staff. Fortunately, Kimley-Horn's projected construction timeline took this adequately into account. The project remains on track to be substantially complete by January 31, 2021.

With the County's requirements having been met months ago, the contractor was told in November that the three building permits and one demolition permit will be issued in January. FEC made use of this time period by obtaining shop drawings for the manufactured items that have a long lead time such as the process blowers, membrane filters and electrical gear. These shop drawings were reviewed, revised, and returned to the respective manufacturers with the equipment then placed into the production schedules.

The project is proceeding as planned. With the issuance of the county building permits in January, FEC has mobilized on site and commenced its construction activities.

To date, the existing vacuum bed has been razed. The blower building slab and sludge handling building housekeeping pad have both been poured. Building materials, pipe, fittings and other related items have been and are continuing to arrive on site. The blowers are scheduled to arrive in August and filter units in July.

Wekiva Hunt Club WWTP
Facility ID# FL0036251
OGC Case #18-0103
Quarterly Report
Page Three

During the demo process a conflict was discovered between the elevation of the proposed sludge handling building slab and an existing 20" water main that runs from the GSTs to the HSPs that requires the 20" water main to be relocated. FDEP permit number 0080881-069-DSGP was applied for and received on March 25, 2020 for the relocation of the conflict water main. This conflict is anticipated to take three weeks to resolve but is not projected to interfere with the December 31, 2020 project completion date.

If you should have any questions or require further information, please do not hesitate to contact me directly at 321.972.0360 or via email at bryan.gongre@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Bryan K. Gongre

Bryan K. Gongre
Regional Manager

EC: Patrick C. Flynn, Vice President
Seyd Matteson, Compliance & Safety Manager

Utilities, Inc. of Florida

July 2, 2020

Mr. Daniel Hall
Environmental Consultant
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Wekiva Hunt Club WWTP
Facility ID# FL0036251
OGC Case # 18-0103
Quarterly Report, Q2 2020

Dear Mr. Hall:

Pursuant to the requirements of the above referenced Consent Order, the following items are noted at the end of the 1st Qtr. of 2020.

The Wekiva Hunt Club Wastewater Facility is operating in compliance with the operating permit.

The administration fee of $500.00, check #1056201, was forwarded to the Department on March 23, 2018.

An engineering contract was awarded to Kimley-Horn on March 26, 2018 to perform an evaluation of the facility.

An in-kind project consisting of a SCADA system installation in all Sanlando lift stations was submitted to the Department for review and approval on April 24, 2018.

The wastewater rehabilitation project was completed on May 14, 2018.

The wastewater facility evaluation report performed by Kimley-Horn was submitted to the Department for review and approval on June 7, 2018. The Department approved the evaluation proposal on August 27, 2018.

The previously submitted in-kind project was approved by the Department on July 12, 2018 and completed on September 10, 2018. A completion letter with project details was forwarded to the Department on October 25, 2018.

A construction permit and operating permit renewal application was submitted to the Department on October 26, 2018.

The Utility received a Request for Additional Information (RAI) from the Department on November 20, 2018 regarding the upcoming operating permit renewal application. Subsequently, a meeting was held at FDEP's Central District office on December 10, 2018 to discuss the content of the RAI in order to develop a complete response that was due by February 18, 2019. Thereafter, the Utility elected not to pursue the renewal of the operating permit at this time.

The construction permit was received from the Department on January 31, 2019.

On March 25, 2019 Kimley-Horn forwarded an email on the utility's behalf requesting an extension to the Consent Order deadline. Instead of having a substantial completion date of December 31, 2019, the Department agreed to a revised deadline of January 31, 2021 as reflected in correspondence issued on October 17, 2019.

Construction bids were solicited, received, opened and evaluated in July 2019. A general contractor, Florida Environmental Construction (FEC), was selected to perform the work. A Notice to Proceed was issued and the contract was executed on July 18, 2019. A pre-construction meeting was then held on July 30, 2019. Thereafter, FEC submitted all of the necessary documentation to Seminole County's Building Division to obtain the required building and demolition permits. This has been a very slow and cumbersome process due to the chronic ineptitude of Seminole County's building permit staff. Fortunately, Kimley-Horn's projected construction timeline took this adequately into account. The project remains on track to be substantially complete by January 31, 2021.

With the County's requirements having been met months ago, the contractor was told in November that the three building permits and one demolition permit will be issued in January. FEC made use of this time period by obtaining shop drawings for the manufactured items that have a long lead time such as the process blowers, membrane filters and electrical gear. These shop drawings were reviewed, revised, and returned to the respective manufacturers with the equipment then placed into the production schedules.

The project is proceeding as planned. With the issuance of the county building permits in January, FEC has mobilized on site and commenced its construction activities.

To date, the existing vacuum bed has been razed. The blower building slab and sludge handling building housekeeping pad have both been poured. Building materials, pipe, fittings and other related items have been and are continuing to arrive on site. The new blower building has been erected and the new blowers have been received and set inside of the building. The sludge handling building has been erected and the existing belt press will be relocated to the new building in July. The filters will arrive in August after the new filter slab has been constructed.

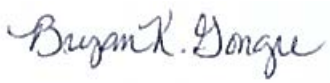
Wekiva Hunt Club WWTP
Facility ID# FL0036251
OGC Case #18-0103
Quarterly Report
Page Three

During the demo process a conflict was discovered between the elevation of the proposed sludge handling building slab and an existing 20" water main that runs from the GSTs to the HSPs that requires the 20" water main to be relocated. FDEP permit number 0080881-069-DSGP was applied for and received on March 25, 2020 for the relocation of the conflict water main. This conflict was addressed in April. The FDEP clearance for the relocated suction line was received on May 5, 2020.

If you should have any questions or require further information, please do not hesitate to contact me directly at 321.972.0360 or via email at bryan.gongre@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA



Bryan K. Gongre
Regional Manager

EC: Patrick C. Flynn, Vice President
Seyd Matteson, Compliance & Safety Manager

June 25, 2019

Mackenzie Black
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Utilities, Inc. of Florida
PWS ID No. 3354881, LUSI South
OGC Case #16-0376
Quarterly Report, Q2 2019

Dear Mackenzie:

Pursuant to the requirements of the above referenced Consent Order, the following items are noted during the 2nd quarter of 2019.

Utilities, Inc. of Florida staff, along with our contract engineer, Steve Romano of Kimley-Horn & Associates, met with Department staff on June 14, 2017, to discuss an alternative pilot study designed to investigate the use of chlorine dioxide as an alternative to membrane filtration as the optimum pre-treatment method. The Utility requested an extension of timelines within the existing Consent Order to accomplish that effort.

The Department was amenable to our request and forwarded a letter on July 6, 2017 with the extended timelines identified.

On September 15, 2017, a draft pilot study protocol was forwarded to the Department for approval prior to beginning the pilot testing. A follow up meeting with the Department was held on October 5, 2017 to discuss revisions to the draft protocol. A revised protocol subsequently was submitted and approved by the Department.

A pilot study utilizing chlorine dioxide as a pre-treatment method commenced at the Lake Groves WTP on November 14, 2017 and concluded the week of January 8, 2018 with all data compiled in a report for comparison to the previously completed membrane filtration pilot study. A submittal package was forwarded to the Department on December 27, 2017 for approval to move the treatment equipment to our Lake Louisa WTP for a further pilot study at that location. The Department approved the Lake Louisa pilot test on February 15, 2018, which commenced on May 24, 2018 and concluded on July 6, 2018.

Utilities, Inc. of Florida submitted a construction permit application with supporting documentation on May 1, 2018. The Department issued the permit to construct on May 10, 2018. The project has been completed and the Utility received clearance to operate on June 5, 2019.

Start-up of the new treatment facilities occurred on June 11, 2019 with the system being dialed in each day going forward to achieve optimal conditions.

The Utility has discontinued the use of the Upper Floridan wells at the Lake Groves Water Plant, Wells 1 and 2, as the primary water sources at that facility. Lake Groves Well 3, a Lower Floridan well that contains significantly more TTHM precursors than Wells 1 and 2, has been placed in the lead position with wells 1 and 2 in standby mode until further notice. Additionally, we have reduced the use of the wells at Amber Hill, Vistas Well #3, Clermont II Well #1, and The Oranges well in order to reduce the Locational Running Annual Average (LRAA) values within LUSI North.

This operational strategy of optimizing the chlorine feed rate at all locations, executing a water main flushing strategy to reduce water age, and leveraging the use of our SCADA technology to utilize wells low in DOC as primary water sources has been successful in reducing the LRAA values in LUSI North and South.

The May 2019 TTHM/HAA5 sampling analysis results were all under the Running Annual Average MCL.

All requirements of the above referenced Consent Order have been addressed, therefore the Utility requests that the Consent Order be closed.

If you should have any questions or require further information, please do not hesitate to contact me directly at 321.972.0362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Compliance & Safety Manager

EC: Patrick C. Flynn, Vice President
Bryan Gongre, Regional Manager

Utilities, Inc.

January 5, 2012

Mr. Nathan Hess
Environmental Supervisor II
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803

RE: Park Ridge Water system
PWS ID# 3590993
OGC File No. 11-1192
Quarterly Status Report – 4th Quarter, 2011

Dear Mr. Hess:

Pursuant to requirements of Consent Order OGC File No. 11-1192 regarding the above referenced facility, the following items were noted during the 4th Quarter of 2011.

All equipment has been installed per the approved construction permit. Utility staff will schedule a site visit with FDEP staff and forward a draft public notice customer letter regarding the change to chloramine disinfection for the Department's approval.

Upon receipt of clearance of the project, the facilities will be placed into service.

The required 4th quarter 2011 TTHM and HAA5 samples were taken on November 22, 2011 and analysis results forwarded to the Department on December 8, 2011.

Results of the analysis were as follows; TTHM – 45.1 ug/L and HAA5 – 46.4 ug/L.

The 4th quarter 2011 Running Annual Average for TTHM is now 68.65 ug/L and HAA5 49.48 ug/L which are below the MCL of 80 ug/L and 60 ug/L respectively. Therefore no public notice regarding an MCL exceedance is required at this time.

If you should have any questions or require further information, please do not hesitate to contact me at (800) 272-1919 ext. 1362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Regional Compliance & Safety Manager

EC: Patrick C. Flynn, Regional Director
Bryan K. Gongre, Regional Manager
Nate Carver, Area Manager

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

Florida Department of Environmental Protection

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

September 12, 2016

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc. North
PW Facility ID #3354883
OGC Case #16-0376

Dear Mr. Flynn:

Enclosed is the executed Consent Order to resolve the above referenced case. This copy is for your records.

Should you have any questions or comments, please contact Wanda Parker-Garvin at 407-897-2934 or via e-mail at Wanda.Parker@dep.state.fl.us.

Your cooperation in this matter will be appreciated.

Sincerely,

Jeff Prather
Director, Central District

JP/wpg

Enclosure

cc: Bryan Gongre, Lake Utility Services Inc. [BKGongre@uiwater.com]
Caroline Shine, FDEP
Lea Crandall, OGC
Kris Tulloch, FDEP

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 16-0376
UTILITIES, INC. OF FLORIDA,	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Utilities, Inc. of Florida, formerly Lake Utilities Services, Inc., ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.852(5), F.S.

3. Respondent is the owner and operator of two Community Water Systems, PWS ID 3354883 Lake Utility Services North and PWS ID 3354881 Lake Utility Services South, located at 2425 US Highway 27, Clermont, FL 34714 in Lake County, Florida ("System").

4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for total trihalomethanes ("TTHMs") as 0.080 milligrams per liter ("mg/L") and the five haloacetic acids ("HAA5s") as 0.060 mg/L. The locational running annual average results for samples collected from PWS ID 3354881 at 16107 Green Cove Blvd. during the first and second quarter 2016 and analyzed for TTHMs are 0.092825 mg/L and 0.09485 mg/L, respectively. The locational running annual

average results for samples collected from PWS ID 3354883 at 13105 Pinyon Drive during the third and fourth quarter 2015 and the first and second quarter 2016 and analyzed for TTHMs are 0.08285 mg/L, 0.09565 mg/L, 0.101875 mg/L and 0.9425 mg/L, respectively.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 30 days of the effective date of this Order, Respondent shall complete and submit to the Department an engineering analysis of the Lake Utility Services South (LUSI South) Water Treatment Plant that identifies the method of treatment upgrades that will reduce the generation of disinfection byproducts such that LUSI South will be in compliance with the Disinfection Byproducts Rule. The study and subsequent corrective actions shall be conducted in accordance with the proposed compliance schedule submitted to the Department on March 18, 2016.

b) Within 60 days of the Department approval of the engineering analysis, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the modifications needed to address the MCL violation(s) in accordance with Table 1 below.

Table 1:

Activity to be Completed	**Due Date**
1. Conduct a treatment study and submit an engineering analysis report.	30 days after the effective date of this Order.
2. Hire an engineering consultant to initiate design of treatment plant modifications.	60 days after the Department's acceptance and approval of the treatment study.
3. Design the selected treatment option and conduct a pilot test using LUSI South Well 3 as the source water in order to optimize membranes/media,	180 days after Respondent's selection of the engineering consultant.

unit sizing and equipment configuration.	
4. Submit an application for a permit to construct modifications to the LUSI South WTP.	30 days after the completion of the design modifications to the LUSI South WTP.
5. Complete construction.	365 days after the issuance of the construction permit by the Department.
6. Initiate equipment testing and obtain clearance.	45 days of completion of construction.

c) If the Department requires additional information, modifications, or specifications to process the permit application described in subparagraph (5)(b), above, the Department will issue a written request for information ("RFI") to Respondent. Respondent shall submit the requested information in writing to the Department within 30 days of receipt of the request. Respondent shall provide all information requested in any additional RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the Department's receipt of the application described in subparagraph (5)(b), above, Respondent shall provide all information necessary to complete the application.

d) Within 15 months of the issuance of the construction permit, Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida and received written Department clearance prior to placing the permitted system modifications into service.

e) If the approved modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the date the Department receives the proposal

required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

f) Respondent shall continue to sample quarterly for TTHMs and HAA5s in accordance with Rule 62-550.822, F.A.C. Respondent shall submit all sampling results to the Department within 10 days following the month in which the samples were taken or within 10 days following Respondent's receipt of the results, whichever is sooner.

g) Respondent shall continue to issue public notices regarding the MCL violation(s) described above every 90 days, as required by Rule 62-560.410(1), F.A.C., until the Department determines that the System is in compliance with all MCLs. Respondent shall submit certification of delivery of public notices, using DEP Form 62-555.900(22), F.A.C. to the Department within 10 days of issuing each public notice.

h) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Within 30 days of the completion of construction and clearance for operation, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

7. Respondent agrees to pay the Department stipulated penalties in the amount of $250 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

8. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the

"Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order becomes final and effectively filed with the Clerk of the Department before ability to make online payment is available.

9. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Wanda Parker-Garvin, Environmental Manager, Compliance Assurance Program, Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803.

10. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

11. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

12. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is

delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department within two days of the delay, and then within seven calendar days, shall notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

13. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent’s complete compliance with all of the terms of this Order.

14. This Order is a settlement of the Department’s civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

15. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

16. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $5,000.00 per day per violation, and criminal penalties.

17. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

18. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

19. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

20. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

21. Respondent shall publish the following notice in a newspaper of daily circulation in Lake County, Florida. The notice shall be published one time only within 14 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with LAKE UTILITIES SERVICES, INC. pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the maximum contaminant level ("MCL") exceedances of total trihalomethanes ("TTHMs") and the five haloacetic acids ("HAA5s") at 2425 US Highway 27, Clermont, FL 34714. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

22. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelist.htm

FOR THE RESPONDENT:

Patrick C. Flynn
Vice President of Operations

9/6/2016
Date

DONE AND ORDERED this 12th day of September, 2016 in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Jeff Prather
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

September 12, 2016
Date

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

Utilities, Inc.

June 4, 2011

Mr. Justin Christensen, E.I.
Florida Department of Environmental Protection
Drinking Water Section
3319 Maguire Boulevard, Suite 232
Orlando, FL. 32803-3767

RE: 2012 2nd Qtr. TTHM and HAA5's
Park Ridge
PWS ID# 3590993

Dear Mr. Christensen:

Enclosed please find the results of the samples taken on May 8, 2012 for the above referenced analysis and system.

Should you have any questions or require additional information, please contact me at 407-682-5651.

Sincerely,

UTILITIES, INC. OF FLORIDA

Nate Carver
Area Manager

Enclosures (4)

EC: Bryan Gongre, Regional Manager, UIF
Scotty L. Haws, Regional Compliance & Safety Manager, UIF

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - please type or pring legibly)

System Name: PARK RIDGE PWS I.D. # 3590993

System Type (check one): ☒ Community ☐ Nontransient Noncommunity ☐ Transient Noncommunity

Address: 200 Weatherfield Dr

City: ALTAMONTE SPRINGS FL. ZIP Code: 32714

Phone #: 407-869-1919 Fax #: 407.869.6961 E-Mail Address: NBCARVER@VIWATER.com

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: 176332DW1 Sample Date: 5-18-2012 Sample Time: 11:05 (AM) PM (Circle One)

Sample Location (be specific): 161 CANAL ST Location Code: 161 Canal St.

Disinfectant Residual (required when reporting trihalomethanes and haloacetic acids): 1.6 mg/L Field pH: ____

Sample Type (Check Only One)	Reason(s) for Sample (Check all that apply)	
☒ Distribution	☐ Routine Compliance (with 62-550)	☐ Replacement (of Invalidated Sample)
☐ Entry Point (to Distribution)	☐ Confirmation of MCL Exceedance*	☐ Special (not for compliance with 62-550)
☐ Plant Tap (not for compliance with 62-550)	☐ Composite of Multiple Sites **	☐ Clearance (permitting)
☐ Raw (at well or intake)	☑ Other: Quarterly TTHM - LRAA5	
☐ Max Residence Time	☐ Sampling Procedure Used or Other Comments:	
☐ Avg Residence Time		
☐ Near First Customer		

* See 62-550.500(6) for requirements and restrictions And 62-550.512(3) for nitrate or nitrite exceedances.

** See 62-550.550(4) for requirements and attach a results page for each site.

SAMPLER CERTIFICATION

I, Pedro Figueroa (Print Name), LEAD WATER OPERATOR (Print Title), do HEREBY CERTIFY that the above public water system and collection information is complete and correct.

Signature: [signature] Date: 6-4-2012

Certified Operator #: 0017160 Phone #: 407-448-5342 Sampler's Fax: 407.869.6961

Sampler's E-Mail: PFIGUEROA@VIWATER.COM

Page 1 of 3

Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to be completed by lab - please type or print legibly)

Lab Name: Flowers Chemical Laboratories, Inc. Florida DOH Certification #: E83018 Certification Expiration Date: 6/30/2012

ATTACH CURRENT DOH ANALYTE SHEET*

Address: P. O. Box 150597, Altamonte Springs, FL 32715-0597 Phone #: 407-339-5984

Were any analyses subcontracted? ☐ Yes ☑ No If yes, please provide DOH certification number(s): _____

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB*

ANALYSIS INFORMATION(to be completed by lab) Date Sample(s) Received: 05/18/12

PWS ID (From Page 1): 3590993 Sample Number (From Page 1): 176332DW1 Lab Assigned Report # or Job ID: 176332

Group(s) analyzed and results attached for compliance with Chapter 62-550, F.A.C. (check all that apply)

Inorganics	Synthetic Organics	Volatile Organics	Disinfection Byproducts	Radionuclides	Secondaries
☐ All Except Asbestos	☐ All 30	☐ All 21	☑ Trihalomethanes	☐ Single Sample	☐ All 14
☐ Partial	☐ All Except Dioxin	☐ Partial	☑ Haloacetic Acids	☐ Qtrly Composite**	☐ Partial
☐ Nitrate	☐ Partial		☐ Chlorite		
☐ Nitrite	☐ Dioxin Only		☐ Bromate		
☐ Asbestos					

LAB CERTIFICATION

I, Jefferson S. Flowers, Technical Director, do HEREBY CERTIFY that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: Date: 05/25/12

* Failure to provide a valid and current Florida DOH certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report and possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION AND NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

Compliance Determination (to be completed by DEP or DOH - attach notes as necessary)

Sample Collection & Analysis Satisfactory ☐ Yes ☐ No _____ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Page 2 of 3

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

DISINFECTION BYPRODUCTS
62-550.310(3)

Report Number / Job ID: 176332DW1
Disinfectant Residual (mg/L): 1.6
PWS ID (From Page 1): 3590993

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Cert #
2450	Monochloroacetic Acid	N/A	ug/L	2.00	U	EPA552.2	2.00	2.0	05/24/12		E83018
2451	Dichloroacetic Acid	N/A	ug/L	2.14		EPA552.2	1.00	1.0	05/24/12		E83018
2452	Trichloroacetic Acid	N/A	ug/L	1.84		EPA552.2	0.500	1.0	05/24/12		E83018
2453	Monobromoacetic Acid	N/A	ug/L	1.00	U	EPA552.2	1.00	1.0	05/24/12		E83018
2454	Dibromoacetic Acid	N/A	ug/L	0.801		EPA552.2	0.500	1.0	05/24/12		E83018
2456	Total Haloacetic Acids (HAA5)	60	ug/L	4.78		EPA552.2	0.500	---	05/24/12		E83018

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Cert #
2941	Chloroform	N/A	ug/L	3.16		EPA502.2	0.500	1.0	05/21/12		E83018
2942	Bromoform	N/A	ug/L	0.500	U	EPA502.2	0.500	1.0	05/21/12		E83018
2943	Bromodichloromethane	N/A	ug/L	1.13		EPA502.2	0.500	1.0	05/21/12		E83018
2944	Dibromochloromethane	N/A	ug/L	0.997		EPA502.2	0.500	1.0	05/21/12		E83018
2950	Total Trihalomethanes (TTHM)	80	ug/L	5.29		EPA502.2	0.500	---	05/21/12		E83018

** Laboratories are required to adhere to the minimum reporting level (MRL) requirements of 40 CFR 141.131(b)(2)(iv)
*** Applicable to monitoring as prescribed in 40 CFR 141.132(b)(2)(i)(B) and (b)(2)(ii)
**** Laboratories that use EPA methods 317.0 Revision 2.0, 328.0 or 321.8 must meet a 1.0 ug/L MRL for bromate.

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

FLOWERS CHEMICAL LABORATORIES INCORPORATED

☐ Flowers Chemical Laboratories, Inc.
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110

☐ Flowers Chemical Labs-South
West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

☐ Flowers Chemical Labs-North
812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

☐ Flowers Chemical Labs-Keys
3980 Overseas Highway
Ste. 103
Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598

www.flowerslabs.com

ant: UTILITIES INC

Public Water System Name: PARK RIDGE

Address: 10 Weatherfield Ave ALTAMONTE SPRINGS FL

PWS ID#: 3590993

P.O. #:

Phone: 407-869-1919

FCL Lab Coordinator:

Kit #:

Sampled By: Pedro Figueroa

Sampled By (PRINT): Pedro Figueroa 5-15-2012

Public Water System Type: ☐ Limited Use Commercial / Public ☒ Community ☐ Non-Community ☐ Non-transient / Non-Community

COMMENTS: PLANT ON Chloramines

Sampler Signature: Pedro Figueroa Date Sampled:

DRINKING WATER - Chain of Custody F.A.C. 62 - 550

ITEM NO.	SAMPLE DESCRIPTION	DATE	TIME	LAB NO.	NUMBER	PRESERVATIVES: NONE	NaOH	HNO_3	HCl	$Na_2S_2O_3$	ICE	Primary Inorg.	Secondaries	VOCs	SOCs	NO_3/NO_2	TTHM	THAA	PbCu	GA/RA228 RA226	Asbestos	Field pH	Field Cl_2 Res.
1	161 Comet ST	5-15-12	11:05 AM								X						X	X					TOTAL 1.6
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
										5/16	11:7

• WHITE - Ship with Samples / To Be Returned with Results • YELLOW - Field Copy / Retain For Your Records

Utilities, Inc.

May 30, 2012

Mr. Nathan Hess
Environmental Supervisor II
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803

RE: Park Ridge Water system
PWS ID# 3590993
OGC File No. 11-1192
Request for Consent Order Closure

Dear Mr. Hess:

As the Department is aware, chloramine facilities have been cleared for service and have been on line for approximately three months at the above referenced facility.

TTHM and HAA5 Results are as follows:

SAMPLE DATE	TTHM (ppb)	HAA5 (ppb)
Third Quarter 2011 (8/25/11)	59.1	48.3
Fourth Quarter 2011 (11/22/11)	45.1	46.4
First Quarter 2012 (2/16/12)	48.3	64.4
Second Quarter 2012 (5/18/12)	**5.29**	**4.78**
RUNNING ANNUAL AVERAGE	**39.45**	**40.97**

All requirements of the above referenced Consent Order have been met and therefore Utilities, Inc. of Florida requests that the order be closed.

If you should have any questions or require further information, please do not hesitate to contact me at (800) 272-1919 ext. 1362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Regional Compliance & Safety Manager

EC: Patrick C. Flynn, Regional Director
Bryan K. Gongre, Regional Manager
Nate Carver, Area Manager

County	System	ID	Complaints by Year (2015-2020)			Compliance Status (current)	Compliance Summary (2016-2020)
			Color '15|'16|'17|'18|'19|'20	Smell '15|'16|'17|'18|'19|'20	Other '15|'16|'17|'18|'19|'20		
Highlands	Sun N Lakes Sebring	6280274	0	0	0	In Compliance	No Formal Enforcement 2016-2020
Highlands	Sun 'N Lake of Lake Placid WWTP	FLA014386	0	0	0	In Compliance	No WL's, CO's, or other enforcement actions issued.
Lake	Pennbrooke	3354653	Feb-17	0	2/2017: Hardness	In-Compliance	The system incurred an Iron secondary MCL violation in 4/2018. No corrective actions required since the system did not have significant complaint in the 12-months leading up to the violation.
		FLA010570	0	0	0	In Compliance	2016 In Compliance, 2017 In Compliance, 2018 Out of Compliance: inline meter did not conform to DEP SOP, Effluent exceedance, GW exceedance , 2019 In Compliance, 2020 In Compliance
	LUSI (excl. Four Lakes/ Lake Saunders)	3354883	0	0	0	In Compliance	Pilot study done in 2/2018 due to DBP violations in 2016 and 2017. No permanent treatment installed as last DBP violation occured in 2017. CO and violations closed 8/19/2020. Since, a DBP MCL violation occurred on
		3354881	0	Jan-16	2/2016: High DBPs	In-Compliance	CO issued 9/2016 with corrective actions due to DBP MCL violations. Facility installed chlorine dioxide pre-tratment and the CO was closed 8/2019. No DBP violations since
	Lake Grove WWTP	FLA010630	0	June-16 (ID:1651), December-16 (ID:1975),April-19 (ID:4082	0	In Compliance	2016 In Compliance, 2017 In Compliance, 2018 In Compliance, 2019 CAO issued, CWOE. 2020 In compliance
	LUSI (Barrington)	FLA416207	0	0	0	In Compliance	2016, 2017, 2018 In Compliance, 2019 Out of Compliance: RIB security, RPZ cert; 2020 In Compliance
	Four Lakes	3354647	0	0	0	In-Compliance	No monitoring violations since 2013
	Lake Saunders	3354695	0	0	0	In-Compliance	No monitoirng violations since 2009
Lee	Eagle Ridge	FLA014498	0	Complaint ID 1064, Received 03/28/2017, Non-validated Smell Complaint	Complaint ID 3164, Received 09/03/2019, Non-validated Noise Complaint; Complaint ID 3625, Received 04/16/2020, Non-validated SSO Complaint	In-Compliance	CAOL & Inspection Report 06/20/2016, 04/24/2017, 02/08/2019; All items appear to have been addressed from the most recent CAOL & Inspection Report; SSO CAOL 10/20/2017 with RTC 02/07/2018; The facility has on-going issues with groundwater exceedances that is to be addressed per the schedule in their permit; No WL or CO have been issued to this facility for the given timeframe
	Cross Creek	FLA014505	0	Complaint ID 904, Received 01/12/2017, Non-validated Smell Complaint	0	In-Compliance	CAOL & Inspection Report 06/27/2016 with RTC 02/21/2017 & CAOL & Inspection Report 04/20/2017; SSO CAOL 10/20/2017 with RTC 02/07/2018; No WL or CO have been issued to this facility for the given timeframe
Marion	GoldenHills/Crownwood	6424076	0	0	0	In-Compliance	3/2018 DBP late reporting violation closed when results were received on 10/2018
Orange	Cresent Heights	3480255	0	0	0	In-Compliance	No monitoring violations since 1998
	Davis Shores	3480272	0	0	0	In-Compliance	No monitoring violations since 1996
Pasco	Summertree	6511423	5/2017, 6/2017	4/2016, 5/2017, 6/2017	5/2017, 6/2017 Both incidents were related to water pressure (boil water notices) and chlorine odor issues.	In-Compliance	Complaints regarding water quality issues where prior to the system abandoning their wells and purchasing water from Pasco County Utilities. Recent SS on 12/20/2017 system was In-Compliance.
	Orangewood (Buena Vista)	6511311	0	0	0	In-Compliance	Most recent SS on 4/17/2018 system was In-Compliance.
	Labrador	6514842	0	0	0	In-Compliance	Most recent SS ws 5/18/2019 minor defeciences were noted, but have been resolved. System is in compliance.
		FLA012801	0	0	0	In Compliance	In Compliance

Pinellas	Mid County Services	FL0034789	0	Six complaints in 2016. One complaint in 2017.	Jan - Feb 2018: Complaint regarding a foam residue discharging from Facility.	Out of Compliance: Have not submitted final In-Kind project completion by 8/22/20 for OGC File No. 19-1749, 30-day extension granted. Also, Sept. 10, 2020 Filter bypass event of 400k gals. to outfall; WL to be sent by 10/1/2020.	OGC File No. 18-1197: LFCO for effluent violations from 8/2015 - 9/2018. Case closed on 7/29/20. OGC File No. 19-1749: SSOs and failure to submit PNP, case still open.
	Lake Tarpon	6521000	0	0	0	In-Compliance	No complaints noted during the specified timeframe. Most recent sanitary survey was conducted 3/13/2020 system was found to be in In-Compliance.
Polk	Cypress Lakes	FLA013123	0	0	0	In Compliance	In Compliance
		6535055	0	0	0	In Compliance	In Compliance
Seminole	Weathersfield	3591451	0	0	0	In-Compliance	No monitoring violations since 2001
	Oakland Shores	3590912	0	0	0	In-Compliance	1/2020 Bact late reporting violation closed when results were received on 3/2020
	Little Wekiva	3590762	0	0	0	In-Compliance	6/2016 TT violations, residual fell under required lever for 4-log. Violation closed 7/2016 when PN received
	Park Ridge	3590993	0	0	0	In-Compliance	No monitoring violations since 2012
	Ravenna Park/Lincoln Heights/Phillips/Crystal Lake	3591061	8/2016: Ravenna; 8/2017: Phillips	8/2016: Ravenna	8/2017: Phillips (sediment)	In-Compliance	Ravenna: No monitoring violations since 2015. Phillips: Iron sMCL violation on 5/2018; merged with Raveena PWS ID on 2/2019. Crystal Lake: merged with Ravenna on 3/2016
	Bear Lake	3590069	0	0	0	In-Compliance	4/2019 Bact late reporting violation closed when results were received on 5/2019. 7/2019 Bact late reporting violation closed when results were received on 8/2019
	Jansen	3590615	0	0	0	In-Compliance	The system incurred an Iron secondary MCL violation in May 2018. No corrective actions required since the system did not have significant complaint in the 12-months leading up to the violation
	Sanlando (including Longwood)	FLA0036251 (FL0036251 - Wekiva Hunt Club WRF)	0	11/22/16 (ID1936) 09/24/17 (ID2628) , 5/11/17 (ID2350)	11/10/16 flood damage (ID1921), 6/26/2020 ongoing Utility Back ups (ID 5556)	Out of Compliance	2016 In Compliance, 2017 Out of Compliance, Consent Order issued for overflows following Irma and Total Phosphorus effluent limit exceedances, 2019 Out of Compliance, Consent Order drafted to address violations.
		3591121	Aug-19	9/2017: Sewage smell. 2/2017	8/2019: Sediment/slime; 10/2018: High chlorine; 9/2017: PBWN concern (related to smell); 8/2017: Concern about separation between new PW and DW main lines intalled. 8/2017: Water quality concern (PSC)	In-Compliance	12/2018 Bact late reporting violation closed when results were received on 2/2019. 12/2018 DBP late reporting violation closed when results were received on 2/2019

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

JAN 31 2012

RECEIVED
FEB 03 2012

CERTIFIED MAIL 7009 1680 0001 4690 9516
RETURN RECEIPT REQUESTED

Mr. Patrick Flynn
Director
Golden Hills Golf and Turf Water Treatment Plant
200 Weathersfield Avenue
Altamonte Springs, Florida 32714

Re: ADMINISTRATIVE ORDER
Docket No. SDWA-04-2012-0772
Golden Hills Golf and Turf Water Treatment Plant
Public Water System ID No. FL6424076

Dear Mr. Flynn:

On January 5, 2012, the U. S. Environmental Protection Agency issued an Administrative Order to the Golden Hills Golf and Turf Water Treatment Plant Water System, for violations of the Safe Drinking Water Act. As a result of the satisfactory completion of the requirements of the Order, the enforcement case against the System is hereby closed. You do not need to send further information to the EPA, unless requested at some point in the future.

Closure of this case shall not be deemed as an election by the EPA to forego any enforcement action or other appropriate relief under the Safe Drinking Water Act, nor will it relieve you of your obligations to comply with any other applicable federal, state, or local law.

Should you have any questions regarding this matter, please contact Ms. Miriam Lester at (404) 562-9292.

Sincerely,

Becky B. Allenbach
Chief
Safe Drinking Water Branch
Water Protection Division

cc: Mr. Van Hoofnagle, FDEP

630.3.15

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

December 3, 2018

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Executed Consent Order OGC File No. 18-1197: In-Kind Project
Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
Pinellas County

Dear Mr. Flynn:

Thank you for your letter dated November 26, 2018 requesting approval for an in-kind sanitary sewer project to reduce infiltration and inflow into the Mid-County collection system.

Your request is approved. The proposed project provides a benefit to the environment and qualifies as an in-kind project in lieu of making a cash payment of penalties.

If you have any questions, please contact Lance Kautz at (813) 470-5903 or via e-mail at Lance.Kautz@FloridaDEP.gov.

Sincerely,

Kelley M. Boatwright for:

Mary E. Yeargan, P.G.
Director
Southwest District
Florida Department of Environmental Protection

MEY/lk

Enclosure: In-Kind Proposal

ec: Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com
Lea Crandall, DEP, Lea.Crandall@floridadep.gov
Adrienne Pennington, DEP, Adrienne.Pennington@floridadep.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, DEP-SWD, Erica.Peck@FloridaDEP.gov
Steve Thompson, DEP-SWD, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, DEP-SWD, Kelley.M.Boatwright@FloridaDEP.gov

Utilities, Inc. of Florida

November 26, 2018

Mr. Lance Kautz, Environmental Specialist
Florida Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

RE: Consent Order OGC File No. 18-1197
In-kind project
Mid-County WWTF
Facility ID No. FL0034789
Domestic wastewater - Pinellas County

Dear Mr. Kautz,

Let this letter serve to inform you that Utilities, Inc. of Florida, formerly known as Mid-County Services, Inc. with respect to our Mid-County WWTP, intends to implement an in-kind project as defined in Consent Order OGC File No. 18-1197 referenced above.

The in-kind project consists of the following scope of work:

1. Pressure clean and video inspect approximately 6,400 LF of 8" diameter gravity sewer mains located within the Spanish Acres subdivision off of Belcher Road. The gravity sewer mains and service laterals in this neighborhood are made of vitreous clay pipe (VCP) and were constructed in 1977. The approximate cost of this task is $15,000. Altair Environmental Group was selected to perform this work.
2. Correct any deficiencies found in the gravity sewer mains, manholes and service laterals identified in the video inspection process noted in Item 1 above. The actual cost of correcting these deficiencies will be determined once the bidding process has been completed. Based on our experience with inspections of similar VCP infrastructure, it is estimated that the cost of addressing the deficiencies found in Spanish Acres will be in excess of $100,000.

PROJECT BENEFITS:
The goal of this project is to reduce significant points of infiltration of groundwater and surface runoff into the Mid-County collection system and thereby reduce the hydraulic load on the treatment process and on Curlew Creek, the point of discharge of Mid-County WWTP's effluent. By doing so, there will be less negative impact to the treatment process when wet weather occurs. Historically, a 1" rain event, depending on the intensity and duration of the event, may cause the plant influent flow to jump by 30-100% from the dry weather flow.

Reducing the peak flow conditions will allow the deep bed denitrification filters to function as designed and thus reduce the nitrate-nitrogen load on Curlew Creek. Reducing the use of methanol that is applied to the filters will reduce the plant's carbon footprint.

Similarly, lowering the peak flow conditions will allow for optimal feed of ferric sulfate to the plant influent flow and thus maximize the removal of phosphorus in the activated sludge process. Additionally, reducing peak flows will provide better settled solids in the clarifiers, improve the health of the microscopic organisms in the mixed liquor, increase the efficiency and effectiveness of the disinfection process, and simplify the dechlorination of the effluent prior to discharge.

SCHEDULE:
The cleaning and video inspection work noted above was awarded to Altair Environmental Group in September 2018 and completed in October. A copy of Altair's signed proposal is attached.

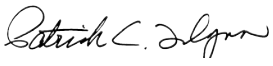
Altair generated and submitted a written report to our office describing the deficiencies found during their inspection. This report will be used to solicit bids from multiple qualified contractors with bids to be opened in December 2018. The work will entail the use of cured-in-place pipe lining, slip lining, grouting, open cut excavation, and/or other methods of sealing the facilities from the effect of groundwater infiltration. The contractor will also address points of excess inflow to the extent that these inflow locations are accessible by the contractor and are elements of the Utility's infrastructure.

Once the qualified contractor is selected and given notice to proceed with the work, it is estimated that the contractor will complete his work by March 31, 2019.

Please notify Mike Wilson, Regional Manager, at mawilson@uiwater.com or at (321) 972-0374 if you have any questions or need additional information regarding the proposed in-kind project.

Regards,

UTILITIES, INC. OF FLORIDA



Patrick C. Flynn
Vice President of Operations

Ex: Mike Wilson, Regional Manager, UIF, mawilson@uiwater.com
Scotty Haws, Compliance and Safety Manager, UIF, slhaws@uiwater.com

Altair Environmental Group

Proposal / Quotation

710 S Milwee Street, Longwood, FL 32750
Tel : 407-339-7134 Fax : 407-339-6618

Date	8/23/18	Reference	18225

Altair Environmental Group, LLC (Altair) is pleased to confirm the following proposal / quotation wholly subject to their **Standard Terms & Conditions of Business** as attached :

Client:	**Utilities, Inc. of Florida/Mid County** **Mr. Lee Neal** **200 Weathersfield Ave.** **407-948-9865** **Altamonte Springs, Fl. 32714** **wlneal@uiwater.com**
Project:	**Mid-County Services Area Cleaning and Internal Television Inspection of Sanitary Sewer Pipelines; Spanish Acres; Clearwater; Florida**
Services:	**Cleaning and Internal Television Inspection of Sanitary Sewer Pipelines**
Price:	**Mobilization.....$1500.00** **Clean/Televise 6400' lf(approx.) x $2.00 per lf.....$12,800.00** **Dump Fee's.....$750.00** **Project Estimate $15,050.00**

The above price is based on the minimum stated quantities of ___ LF of ☐ Sanitary Sewer ☐ Stormwater Pipelines. Any additional LF over and above the stated minimum will be charged at $_____per LF.

Special Conditions	**Pricing includes Report of Findings and Video DVD's**

Client Responsibilities (at no cost to Altair):

- ☐ Local facilities or dumpsite for disposal of removed debris / waste material.
- ☒ Water supply from nearest fire hydrant.
- ☐ Site area for storage of equipment.
- ☒ Traffic control beyond traffic cones and permits where applicable.
- ☐ Exposure of all manholes and access to all work areas without delay.

Payment terms are to be within 15 days of invoice date, invoices will be submitted upon work completion or minimum monthly.

Submitted by: Don Layton/Estimator
(Title)

Don Layton
Signature on behalf of
Altair Environmental Group, LLC

Accepted by: PATRICK C. FLYNN, V. P. of OPERATIONS
Print Name / Title

Signature on behalf of Client

ALTAIR EVIRONMENTAL GROUP, LLC

STANDARD TERMS & CONDITIONS OF BUSINESS

COMPANY: Altair Environmental Group, LLC, a Florida Limited Liability Company, whose address is 710 S Milwee Street, Longwood, Florida 32750 (hereinafter referred to as **"ALTAIR"**)

CLIENT: Any corporation, company, organization, agent or individual entering into a written agreement with ALTAIR for the provision of services or materials or any other business dealing, for which payment is agreed with or becomes due and payable to ALTAIR. (hereinafter referred to as "Client")

PROPOSALS & QUOTATIONS: All proposals or quotations provided by ALTAIR must be in writing and signed by an authorized representative of the company to be valid and any such proposal or quotation is valid for acceptance within 30 days of the respective submission date, unless agreed otherwise in writing.

PAYMENT TERMS: Payment of all invoices is due within 15 days from the invoice date, unless terms are agreed otherwise, in writing from ALTAIR. Invoices will be raised weekly based on completed work and at ALTAIR'S discretion. Any dispute or query regarding the invoiced amount must be communicated in writing within 10 days (objection period) from the invoice date and Client will be deemed to have accepted the invoice as delivered and all services / work standards relating thereto, unless objected to in writing within the objection period.

REMEDIES FOR NON PAYMENT: All sums not paid when due will bear interest at the rate of 1.5% per month from due date until paid or the maximum legal rate permitted by law, whichever is less. In the event of legal action being deemed necessary to enforce payment, ALTAIR shall be entitled to all costs of collection, including a reasonable attorney's fee. In addition, if the Client fails to make payment to ALTAIR as herein provided, then ALTAIR may stop work without prejudice to any other remedy it may have. The parties further agree that in the event of any controversy arising between them, then in such event, the State Courts of Seminole County, Florida, shall be the forum in which the parties agree to try and have heard any matters of litigation arising out of such controversies.

WARRANTIES: All workmanship and materials are guaranteed against defects in workmanship for a period of one year from the date of substantial completion of the project. This warranty is in lieu of all other warranties, expressed or implied, including any warranties of merchantability or fitness for a particular purpose. ALTAIR will not be responsible for damage to its work by other parties or normal wear and tear. Any repair work necessitated by caused damage will be considered as an order for extra work.

INDEPENDENT CONTRACTOR: Both ALTAIR and the Client agree that ALTAIR will act as an independent contractor in the performance of its duties under this contract. Accordingly, ALTAIR shall be responsible for payment of all taxes, including Federal, State, and local taxes arising out of ALTAIR'S activities, including by way of illustration but not limitation, Federal and State income tax, Social Security tax, Unemployment Insurance taxes, and any other taxes.

UNFORESEEN OCCURENCES: In the event that any unforeseen occurrences or conditions are encountered after the work has commenced and which ALTAIR judge, at their sole discretion, to significantly effect or may effect the services, the risk involved in providing the services or there being a material change to the proposed or quoted scope of services, ALTAIR may a) immediately cease work without liability to the client, or b) renegotiate with client to change the scope of work with price adjustment or change order, or c) Apply downtime / hourly or day rates until occurrence or condition is resolved to the satisfaction of ALTAIR.

DOWNTIME/STOPPAGES/ADDITIONAL WORK: In the event that ALTAIR is unable to work or encounter stoppages due to circumstances beyond their control or unforeseen circumstances or occurrences, particularly any underground structure problems causing delay or stoppage of work or in the event of any work being required beyond the quoted scope of work, then an hourly or daily rate will be charged, subject to prior client notification in writing from ALTAIR.

PROJECT ESTIMATES: ALTAIR may from time to time provide written estimates of projected timescale or hours for a particular project at client's request, however, this in no way binds ALTAIR to a final timescale for the services to be provided. The actual hours will be determined by specific site requirements and operational demands, which cannot be wholly determined due to the nature of the services provided by ALTAIR.

CLIENT SERVICE ORDERS: In the event that the Client chooses to issue a service order, whether verbal or in writing, such service order shall be governed by ALTAIR'S Standard Terms & Conditions of Business as detailed herein and any such client agreement cannot change the Payment Terms under any circumstances unless specifically agreed to in writing from ALTAIR and such agreement being authorized and signed by the owner or director of ALTAIR. In the event of any inconsistency between the ALTAIR terms and conditions as detailed herein and the terms of a service order, the ALTAIR terms and conditions shall prevail. In any event, settlement of all ALTAIR correctly submitted invoices must be made within 30 days from invoice date, irrespective of client having received payment from their respective client.

CONTRACT ACCEPTANCE: In the event that the Client fails to sign acceptance of an ALTAIR proposal or quotation, due to oversight by either or both parties or any other reason and the services are commenced or completed on the Clients written or verbal instruction due to emergency, urgency or some other reason, then these terms and conditions will be deemed to have been accepted by the Client as if such proposal or quotation had been signed.

CLIENT RESPONSIBILITIES: The Client will normally provide the following services, at no cost to ALTAIR for the duration of the project, unless

agreed otherwise in writing by ALTAIR, a) Approved dumpsite and disposal for all materials to be removed from site of work, b) Access to site of work for ALTAIR personnel and equipment, without delay, c) All temporary site facilities including suitable storage space for equipment, d) Any special permits and/or licenses, without delay, e) Supply and access to all water required for the project from the nearest fire Hydrant, f) Work areas prepared and accessible, without delay, to enable the services to be provided, g) Authorized representative of the Client at the site of work, at all times services are being performed and with authority to accept the services as completed and / or hours worked and h) Location and exposure of all manholes in the project area.

WINDMOOR DR
OVERCASH DR
NARNIA CT
COTTONWOOD TERR
ROSEWOOD AVE
CHERRYWOOD LN
REDWOOD AVE
BEECHWOOD CT
LAURELWOOD LN
SANDALWOOD DR
HOBBIT RD
SOLON AVE
DINNERBELL LN E
SOURWOOD BLVD
DIOGENES ST
ARISTIDES ST
ARISTOTLE ST
PLATON AVE
ARCHIMEDES ST
BRIARWOOD ST
JOHN F KENNEDY ST
SHARPE LN
INDIAN CREEK CT
HARMONIE LN
LYNNWOOD CT
LA GRANDE DR
BARCELONA DR
WATER WHEEL CT
ROYAL OAK PL N
HICKORY GATE DR E
BRADY DR
ROYAL OAK PL E
PADDOCK CIR
SADDLE HILL RD S
SADDLE HILL RD N
HORSE SHOE BEND RD
TIMBERVIEW DR
CHANTILLY LN
LAS OLAS DR
SANTAPAULA DR
CHAPARRAL WAY
MARQUITA DR
FIESTA DR
CARLOS DR
BELCHER RD
OAK CT
JACARANDA CT
RICHTER ST
SPANISH VISTAS DR
MISTY CT
RANCHETTE LN
HIGHLAND WOODS DR
CLARINE WAY W
LEISURE CT
COLONIAL DR
WILSHIRE DR
PARK LN
CURLEW AVE

SEE SHEET 2
SEE SHEET 4
SHEET 1

Feet
0 175 350

K:\ORL_Utilities\149685003-UIF Mapping\GIS\Mid-County\MXD\MidCounty Sewer Pages.mxd - 6/22/2016 8:57:32 AM - Josh.Hartwig

Kimley»Horn

©2016 KIMLEY-HORN AND ASSOCIATES, INC.
3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO . FL 32803
PHONE: 407-898-1511
www.kimley-horn.com CA 00000696

MID-COUNTY SANITARY SEWER SYSTEM

UTILITIES, INC. OF FLORIDA

Utilities, Inc.

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

August 5, 2019

Patrick C. Flynn, Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Warning Letter No. WL19-55DW52SWD
Mid-County WWTP
Facility ID No.: FL0034789
Pinellas County

Dear Mr. Flynn:

A review of sanitary sewer overflow (SSO) reports submitted to the Southwest District and State Watch Office by Utilities, Inc. from June 20, 2019 to July 26, 2019, indicate that possible violations of section 403, Florida Statutes and Chapter 62-604, Florida Administrative Code have occurred. The Florida Department of Environmental Protection (Department) personnel noted the following:

- 06/20/2019: 2299 Spanish Vista Dr.: 500 gallons of treated wastewater was discharged to facility grounds.
- 06/20/2019: 28870 US 19: 5,000 gallons of untreated wastewater was discharged to the ground.
- 07/26/2019: 28870 US 19: 67,500 gallons of untreated wastewater was discharged to an unnamed stormwater pond and potentially Curlew Creek
- 07/26/2019: 2219 Rising Creek Ct.: 25 gallons of untreated wastewater was discharged to the ground.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to sections 403.121 and 403.161, Florida Statutes.

Please contact Lance Kautz at (813) 470-5903 within **7 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations

have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

Mary E. Yeargan, P.G.
District Director
Southwest District
Florida Department of Environmental Protection

MEY/lk

ec: Kelley M. Boatwright, FDEP-SWD, Kelley.M.Boatwright@dep.state.fl.us
Erica Peck, FDEP-SWD, Erica.Peck@dep.state.fl.us
Lance Kautz, FDEP-SWD, Lance.Kautz@dep.state.fl.us
Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com
Lea Crandall, DEP, Lea.Crandall@floridadep.gov

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

February 24, 2020

Patrick C. Flynn, Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Approval of In-Kind Project
Mid-County WWTP
Facility ID No. FL0034789
OGC File Number: 19-1749
Pinellas County

Dear Mr. Flynn:

Thank you for your letter dated February 13, 2020, requesting approval for an in-kind project to install two lift station backup generators to reduce the likelihood of power-loss related sanitary sewer overflows.

Your request is approved. The proposed project provides a benefit to the environment and qualifies as an in-kind project in lieu of making a cash payment of penalties.

The Department appreciates your efforts to identify and participate in an environmental enhancement project. If you have any questions, please contact Margaret Dorge at (813) 470-5703 or via e-mail at Margaret.Dorge@floridadep.gov.

Sincerely,

Kelley M. Boatwright for:

Mary E. Yeargan, P.G.
Director
Southwest District
Florida Department of Environmental Protection

Enclosure: In-Kind Project Proposal

ec: Adrienne Pennington, FDEP, Adrienne.Pennington@FloridaDEP.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, FDEP-SWD, Erica.peck@floridadep.gov
Margaret Dorge, FDEP – SWD, Margaret.Dorge@floridadep.gov
Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com

Utilities, Inc. of Florida

February 13, 2020

Mr. Lance Kautz
Environmental Specialist III
DEP – Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Re: OGC File No. 19-1749
In-kind project proposal
Mid-County WWTP, Pinellas County
NPDES Permit No. FL0034789

Dear Mr. Kautz,

Thank you for contacting me on Tuesday regarding the declination of our proposed in-kind project per the terms of the currently open Consent Order, OGC File No. 19-1749. It is apparent that it did not meet the Department's criteria. Subsequent to our conversation, Utilities Inc. of Florida offers below an alternative in-kind project. It is our belief that this project, which is being submitted in conformance with Exhibit A of the Consent Order, will be acceptable.

Scope of project:

Engineering design, permitting, installation and maintenance of the following equipment:

1. Installation of a 40kW, 240v, 3-phase generator and automatic transfer switch at Lift Station 4 (Macaroni Grill).
2. Installation of a 60kW, 480v, 3-phase generator and automatic transfer switch at Lift Station 7 (Wilshire LS).
3. Each unit includes a double-walled sub-base diesel fuel tank with interstitial monitoring and sized for three days of continuous use.
4. Alarms generated from the generator's control panel will output to an existing remote alarm panel that will then inform field staff of abnormal conditions and trigger a timely response.
5. The two generators will be exercised under load on a weekly basis for approximately one hour.
6. The two generators will be added to our generator maintenance plan, which includes semi-annual maintenance checks by qualified technicians.

Project benefits:

The dry weather flow through Lift Station 4 (Macaroni Grill) is roughly 25% of the Mid-County Wastewater Treatment Plant's influent flow. Historically, the volume pumped at LS 4 rapidly and significantly increases during and after heavy rain events. A loss of normal power in dry or wet weather at this station substantially increases the risk of a Sanitary Sewer Overflow (SSO) at or near the lift station. This station is adjacent to the US 19 North right-of-way as well as a drainage swale that empties into Curlew Creek.

Lift Station 7 (Wilshire Drive)'s location is directly adjacent to Curlew Creek, a tributary to the Gulf of Mexico. A substantial amount of wastewater flows through LS 7 on a daily basis. A loss of normal power, especially during wet weather conditions when the flow jumps quickly, is at risk of causing an SSO at LS 7 that will then result in wastewater flowing directly into the creek.

Both lift stations had power failures in 2019 that resulted in SSO's that entered Curlew Creek, which prompted FDEP staff to hold an informal conference in September 2019 following the issuance of a Warning Letter to the Utility. By installing the proposed generators and auto transfer switches at each station, the risk of future SSO's will be mitigated substantially, especially when outages occur outside of normal business hours.

The time lag between a power failure and the delivery of emergency power from a trailer-mounted generator can quickly exceed the storage capacity of either lift station's wet well and piping network. Therefore, the installation of emergency generators that start automatically on the loss of power and automatically shift the power feed to the lift station control panel will provide a substantial environmental benefit and thus be compliant with the Department's guidance with respect to in-kind projects.

Schedule:
A contractor has been selected to complete the scope of work. The work will be completed within 90 days of receiving approval of the project by the Department.

Penalty Offset:
The project's total cost is anticipated to exceed **$100,000**. This amount greatly exceeds the minimum amount of $14,447.49 that is specified in the Consent Order.

We appreciate the Department's consideration in this matter. If you should have any questions or require further information, please do not hesitate to contact me at (321) 972-0362 or by email at sjmatteson@uiwater.com.

Sincerely,
UTILITIES INC. OF FLORIDA

Seyd Matteson
Compliance & Safety Manager

Ec: Gary Rudkin, President
Patrick Flynn, Vice President of Operations
Mike Wilson, Regional Manager
Lee Neal, Area Manager
Kevin O'Neill, Lead Operator, Mid-County

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 30, 2019

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: In-Kind Project Completion
Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
OGC File Number: 18-1197
Pinellas County

Dear Mr. Flynn:

Thank you for your letter dated June 25, 2019 transmitting the final status report for the In-Kind Project(s) performed under Consent Order OGC File No. 18-1197. Please allow this letter to serve as acknowledgement that the requirements of Exhibit 2 of the Order have been completed. As all the conditions of the Consent Order have been met, the Department is closing this case file.

The Department appreciates your efforts to identify and participate in an environmental enhancement project. If you have any questions, please contact Lance Kautz at (813) 470-5903 or via e-mail at Lance.kautz@FloridaDEP.gov

Sincerely,

Kelley M. Boatwright for:

Mary E. Yeargan, P.G.
Director
Southwest District
Florida Department of Environmental Protection

Enclosure: Mid-County WWTF – June 25, 2019 Letter

ec: Erica Peck, DEP, Erica.Peck@FloridaDEP.gov
Steve Thompson, FDEP, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, FDEP, Kelley.M.Boatwright@FloridaDEP.gov
Adrienne Pennington, FDEP, Adrienne.Pennington@FloridaDEP.gov

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Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com
Lea Crandall, DEP, Lea.Crandall@floridadep.gov

Utilities, Inc.

June 25, 2019

Mr. Lance Kautz
Domestic Wastewater Program
FDEP – Southwest District Office
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637

RE: Mid-County WWTF
Facility ID# FL0034789
OGC Case # 18-1197
Quarterly Report, Q2 2019

Dear Mr. Kautz:

Pursuant to the reporting requirement identified in the above referenced Consent Order, the following items are noted at the end of the 2nd quarter of 2019.

The Mid-County Wastewater Facility is operating in compliance with the terms and conditions stated in its operating permit.

The Public Notice of the Consent Order was posted in the Tampa Bay Times on November 29, 2018 in conformance with item 31 of the Consent Order. The certification of posting was forwarded to the Department on December 4, 2018.

The administration fee of $500.00, check #1650, was forwarded to the Department on November 27, 2018 in conformance with item 18 of the Consent Order.

An in-kind project consisting of a sanitary sewer project to reduce inflow and infiltration within a portion of the Mid-County collection system was submitted to the Department on November 26, 2018 and approved on December 3, 2018. This project has been completed. Please see the attached cost documentation that shows the Utility has spent in excess of $95,000 in improvements to the collection system in Spanish Acres. The terms of the Consent Order require that the in-kind project investment be at least $12,000.

Our Contract Engineer, Kimley-Horn and Associates, Inc., forwarded a preliminary design review (PDR), item 7(a) of the Consent Order, to the Department on February 15, 2019 along with an updated Operation and Maintenance Performance Report and Capacity Analysis Report, items 7(b) and 7(c) of the Consent Order.

With respect to item 10 of the Consent Order, Kimley-Horn determined that no modifications to the treatment plant, effluent disposal system or collection system components are warranted or recommended at this time. Instead, the engineer identified various operational changes that the Utility should complete, which will ensure the facility

will comply with the requirements of the current Operating Permit. Therefore, the Utility does not intend to make application for any modifications to the wastewater treatment process.

The Utility tasked De Nora, the successor to Tetra Filters, with conducting an evaluation of the deep bed filters to determine their condition and performance and then to identify a list of recommendations that will improve filter performance. The Utility implemented each of De Nora's those recommendations.

In addition, the Utility will continue to assess the condition of the collection system to identify and address deficiencies in gravity mains, manholes, wet wells and service laterals on an ongoing basis. Also, the Utility will continue to communicate with the owners of private systems within our service area, primarily mobile home parks, to quantify any excess inflow and infiltration generated from those connections as determined from data generated from open channel flow monitoring at critical locations within the collection system.

All requirements of the above referenced Consent Order have been addressed, therefore the Utility requests that the Consent Order be closed.

If you should have any questions or require further information, please do not hesitate to contact me directly at 321.972.0362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Compliance & Safety Manager

EC: John Hoy, President
Patrick C. Flynn, Vice President
Mike Wilson, Regional Manager

3005726

Batch 328893

Doc 1041267

Invoice

Altair Environmental Group

Altair Environmental Group LLC
710 South Milwee St
Longwood, Florida 32750

Date	Invoice #
2/20/2019	8272

Bill To
Mid-County Utilities 200 Weathersfield Ave. Altamonte Springs, FL 32714-4027

P.O. No.	Terms	Project
305545 Lee Neal 250 100	Net 30	18321 - Spanish Acres

Quantity	Description	Rate	Amount
	Re: Spanish Acres; Clearwater, Florida		
1	To Provide Labor, Equipment, and Materials for Pipeline Rehabilitation by Chemical Grout Injection and Cured-In-Place Sectional Liners	89,509.92	89,509.92
1	Mobilization	1,500.00	1,500.00
5	Additional Manholes	800.00	4,000.00

RECEIVED
MAR 1 3 2019

Thank you for your business

Balance $95,009.92

Phone #	Fax #	E-Mail	Web Site
407-339-7134	407-339-6618	mbrown@altairenvironmental.com	www.altairenvironmental.com

Spanish Acers

Dunden , Florida

Job No. 18225

Line Segment Information			Distance	Observations	Clock Position	Rehabilitation Technique	Cost
From MH-3151	PIPE TYPE	VCP	0.0'	Manhole-3151			
	PIPE SIZE	8"	144.9'	Service Connection	9		
	PIPE LENGTH	231.2'	144.9'	Crack in service connection	2	Grout Completed 02/14/2019	
To MH-2174			231.2	Manhole- 2174			
From MH-3140	PIPE TYPE	VCP	0.0'	Manhole-3140			
	PIPE SIZE	8"	17.4'	Joint Offset	12-12	Cipp Sectional Completed 02/6/2019	
	PIPE LENGTH	207.3'					
To MH-2179							
			207.3'	MH-2179			
From MH-3137	PIPE TYPE	VCP	0.0'	Manhole-3137			
	PIPE SIZE	8"	171.2'	Crack	9	Cipp Sectional Completed 02/7/2019	
	PIPE LENGTH	327.5'					
To MH-2182							
			327.5'	Manhole-2182			
From MH-3132	PIPE TYPE	VCP	0.0'	Manhole-3132			
	PIPE SIZE	8"	386.8'	Crack	12-12	Cipp Sectional	
	PIPE LENGTH	396'	392.8'	Crack	11	Cipp Sectional Completed 01/29/2019	
To MH-2183							
			396'	MH-2183			
From MH-3137	PIPE TYPE	VCP	0.0'	Manhole-3137			
	PIPE SIZE	8"	243'	Offset Joint	12-12	Cipp Sectional Completed 02/5/2019	
	PIPE LENGTH	244.1'					
To MH-2183							
			244.1'	General Observation - Camera can not pass this point			

Spanish Acers

Dunden , Florida

Job No. 18225

Line Segment Information	Distance	Observations	Clock Position	Rehabilitation Technique	Cost
From **MH-2184** PIPE TYPE **VCP** PIPE SIZE **8"** PIPE LENGTH **396'** To **MH-2174**	0.0' 219.1' 235.5' 374.2' 377.6' 380.6' 396'	Manhole- 2184 Infiltration Crack Crack Crack Crack Manhole-2174	 7-11 3 2 12-12 12	 Grout Cipp Sectional Completed 02/16/2019 Cipp Sectional Completed 02/13/2019 Cipp Sectional / will cover defect at 380.6' Completed 02/14/2019	
From **MH-2183** PIPE TYPE **LINED** PIPE SIZE **8"** PIPE LENGTH **284.6'** To **MH-2191**	0.0' 90.2' 123.3' 281.4'	Manhole- 2183 Crack Crack Crack	 12-12 12 9-3	 Cipp Sectional Completed 02/06/2019 Cipp Sectional Completed 02/05/2019 Cipp Sectional Completed 02/01/2019	
	284.6'	Manhole- 2191			
From **MH-2192** PIPE TYPE **VCP** PIPE SIZE **8"** PIPE LENGTH **281.4'** To **MH-2184**	0.0' 138.8' 143.4' 281.4'	Manhole- 2192 Crack Crack Manhole-2184	 9-11 7-11	 Cipp Sectional Completed 02/06/2019 Cipp Sectional Completed 02/06/2019	
From **MH-2199** PIPE TYPE **VCP** PIPE SIZE **8"** PIPE LENGTH **294'** To **MH-2191**	0.0' 152.8' 181.4'	Manhole-2199 Crack Crack	 12-12 12-12	 Grout Completed 02/15/2019 Grout Completed 02/15/2019	
From **MH-3132** PIPE TYPE **VCP** PIPE SIZE **8"** PIPE LENGTH **135'** To **MH-3130**	0.0' 0.0' 134.8' 135'	Manhole- 3132 Crack Infiltration out going pipe at Manhole Manhole 3130	 3 11-1	 Cipp Sectional Completed 01/30/2019 Grout Completed 02/19/2019	

Spanish Acers

Dunden , Florida

Job No. 18225

Line Segment Information			Distance	Observations	Clock Position	Rehabilitation Technique	Cost
From MH-3143	PIPE TYPE	VCP	0.0'	Manhole-3143			
	PIPE SIZE	8"	260.1'	Crack	12-12	Cipp Sectional Completed 02/04/2019	
	PIPE LENGTH	370'	280.9'	Crack	12-12	Cipp Sectional Completed 02/05/2019	
To MH-3133			318'	Crack	7-5	Cipp Sectional Completed 02/05/2019	
			366'	Crack	9-3	Cipp Sectional Completed 02/05/2019	
			370'	Manhole-3133			
From MH-3138	PIPE TYPE	VCP	0.0'	Manhole-3138			
	PIPE SIZE	8"	68'	Infiltration	6-11	Grout Completed 02/12/2019	
	PIPE LENGTH	248'	97.8'	Infiltration	12-6	Grout Completed 02/12/2019	
To MH-2191			108.2'	Crack	12	Cipp Sectional Completed 02/12/2019	
			114.8'	Crack	7-6	Cipp Sectional Completed 02/12/2019	
			232.4'	Crack	12-12	Cipp Sectional Completed 02/11/2019	
			248'	Infiltration	5	Grout Completed 02/11/2019	
			248'	Manhole-2191			
From MH-3141	PIPE TYPE	VCP	0.0'	Manhole-3141			
	PIPE SIZE	8"	1.1'	Infiltration	6-11	Grout	
	PIPE LENGTH	241.6'	151.4'	Crack	10	Cipp Sectional Completed 02/08/2019	
To MH-3138			171.7'	Crack	10	Cipp Sectional Completed 02/07/2019	
			227.6'	Crack	7-5	Cipp Sectional	
			230.0'	Crack	12	Excavate Type Repair / No Cost	
			238.2'	Crack	12-12	Excavate Type Repair / No Cost	
			241.6'	Manhole-3138			
From MH-3141	PIPE TYPE	VCP	0.0'	Manhole-3141			
	PIPE SIZE	8"	6'	Crack	8-4	Cipp Sectional Completed 02/07/2019	
	PIPE LENGTH	293.4'	37.9'	Crack	2	Cipp Sectional Completed 02/07/2019	
To MH-3143			138.6'	Hole	5-7	Cipp Sectional Completed 02/06/2019	
			221.0'	Crack	12-12	Cipp Sectional Completed 01/31/2019	
			272.6'	Crack	7-6	Cipp Sectional Completed 01/31/2019	
			293.4'	Manhole-3143			
From MH-3144	PIPE TYPE	VCP	0.0'	Manhole -3144			
	PIPE SIZE	8"	204.8'	Crack	12-12	Cipp Sectional Completed 01/28/2019	
	PIPE LENGTH	208'					
To MH-2180							
			208'	Manhole-2180			

Spanish Acers

Dunden , Florida

Job No. 18225

Line Segment Information	Distance	Observations	Clock Position	Rehabilitation Technique	Cost
From MH-2192 PIPE TYPE VCP PIPE SIZE 8" PIPE LENGTH 377.5' To MH-3146	0.0'	Manhole-2192			
	5.5'	Infiltration at joint	10	Grout Completed 02/18/2019	
	232.5'	Infiltration	5	Grout Completed 02/18/2019	
	262.6'	Infiltration	9	Grout Completed 02/18/2019	
	377.5'	Manhole-3146			
From MH-2184 PIPE TYPE VCP PIPE SIZE 8" PIPE LENGTH 213' To MH-3150	0.0'	Manhole-2184			
	2'	Crack	12-12	Cipp Sectional Completed 02/04/2019	
	15.1'	Crack	2-5	Cipp Sectional Completed 02/04/2019	
	210.6'	Crack	10	Cipp Sectional Completed 01/30/2019	
	213'	**MH-3150**			
From _____ PIPE TYPE PIPE SIZE PIPE LENGTH To _____					
* From _____ PIPE TYPE PIPE SIZE PIPE LENGTH To _____					
From _____ PIPE TYPE PIPE SIZE PIPE LENGTH To _____					Total $0.00

Natalie Schaefer

From: Mike Wilson
Sent: Wednesday, March 13, 2019 8:24 AM
To: Natalie Schaefer
Cc: Phil Drennan
Subject: Altair Project Invoice
Attachments: Altair Invoice 03132019.pdf

Good morning Nat,

Can you please process the attached CP invoice?

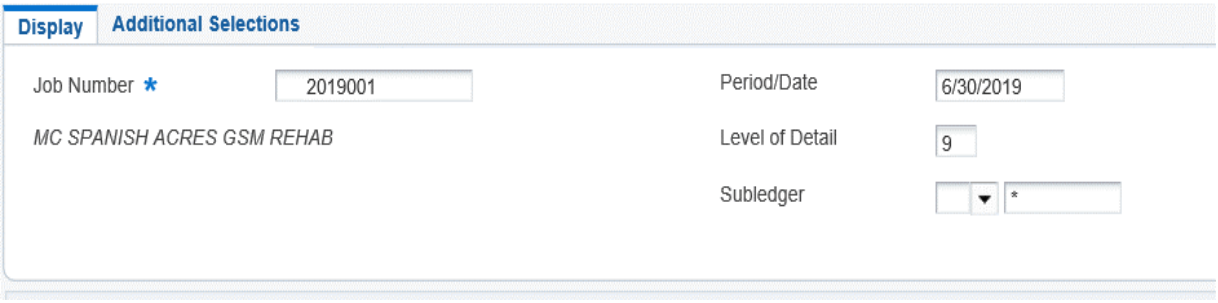
PO# 305545-O6 BU# 250100 CP# 2019001

Thank you,
Mike

Michael Wilson | Regional Manager

Utilities, Inc. of Florida

Email : mawilson@uiwater.com
Office: 321.972.1374
Mobile: 407.468.3268
200 Weathersfield Avenue | Altamonte Springs, FL | 32714



Cost Code	Account	Discriptions	Budget	Spending
208	1705	CAPITALIZED TIME		1,062.64
208	1706	INTEREST DURING CONSTR		2,179.86
208	1713	SITE WORK	10,000.00	
404	1783	GROUTING/SEALING	107,035.00	95,009.92
404	1799	TRANSFER TO FIXED ASSE		
		MC SPANISH ACRES GSM REHAB	**$ 117,035.00**	**$ 98,252.42**

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

November 25,2019

Patrick C. Flynn, Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

SUBJECT: Department of Environmental Protection v. Utilities, Inc. of Florida,
OGC File No.: 19-1749
Mid-County WWTP – FL0034789

Mr. Flynn:

The State of Florida Department of Environmental Protection ("Department") finds that Mid-County Wastewater Treatment Facility ("Respondent") had a discharge of 85,350 gallons of untreated wastewater to a nearby stream known as Curlew Creek which resulted in a surface water quality violation of Section 403.121 (3)(b), Florida Statutes, and Rule 62-604.130 (1), Florida Administrative Code. Also, the facility failed to submit Public Notices of Pollution for overflows in violation of Section 403.077(2), Florida Statutes. Although there are no further actions required to correct the violation, you remain subject to civil penalties as a result of the violation. You are also responsible for costs incurred by the Department during the investigation of this matter.

The Department's Offer

Based on the violations described above, the Department is seeking $9,35.00 in civil penalties, $281.66 in economic benefit, and $250.00 for costs and expenses the Department has incurred in investigating this matter, which amounts to a total of $9,881.66. The civil penalty in this matter includes 4 violations of $2,000.00 or more.

In lieu of making cash payment of $9,631.66 in civil penalties as set forth in the above paragraph, Respondent may elect to off-set this amount by implementing an in-kind penalty project, which must be approved by the Department. An in-kind project must

be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty off-set amount, which in this case is the equivalent of at least **$14,447.49**. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election by electronic mail to Lance Kautz at Lance.Kautz@FloridaDEP.gov within 15 days of the effective date of this Consent Order. **Notwithstanding the election to implement an in-kind project, payment of the remaining $250.00 in costs must be paid within 30 days of the effective date of the Consent Order**.

If Respondent elects to implement an in-kind project, then Respondent shall comply with all the requirements and time frames in Exhibit A entitled In-Kind Projects.

Respondent's Acceptance

If you wish to accept this offer and fully resolve this pending enforcement matter, please sign this letter and return it to the Department at 13051 North Telecom Parkway, Suite 101, Temple Terrace, FL, 33637-0926 by **December 22, 2019**. The Department will then countersign it and file it with a designated clerk of the Department. Once the document is filed with the designated clerk, it will constitute a final order of the Department pursuant to Section 120.52(7), F.S. and will be effective unless a request for an administrative hearing is filed by a third party in accordance with Chapter 120, F.S. and the attached Notice of Rights.

By accepting this offer you, Patrick Flynn:

(1) acknowledge and waive your right to an administrative hearing pursuant to Sections 120.569 and 120.57, F.S., on the terms of this offer;

(2) acknowledge and waive your right to an appeal pursuant to Section 120.68, F.S.; and

(3) acknowledge that payment of the above amount does not constitute a waiver of the Department's right, if any, to recover emergency response related costs and expenses for this matter.

The Department acknowledges that your acceptance of this offer does not constitute an admission of liability for the violation(s) referenced above.

Respondent's Performance

After signing and returning this document to the Department,

(1) Upon signing this letter, you must implement the In-kind Project in accordance with the requirements identified in the attached Exhibit. Your failure to timely start or complete the In-kind Project, or timely provide the Department with the Final Report, will cause the In-kind Project option to be forfeited and the balance of the civil penalty shall be due within 10 days of notice from the Department.

(2) If you elect to implement the In-kind project, **payment of $250 for costs and expenses must be paid within 30 days of the effective date of this Order**. If you decide **not** to implement an In-kind Project, the Respondent shall pay the full penalty amount, including costs and expenses, of $9,881.66 by **January 22, 2020**.

(3) Make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/
It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

The Department may enforce the terms of this document, once final, and seek to collect monies owed pursuant to Sections 120.69 and 403.121, F.S.

Until clerked by the Department, this letter is only a settlement offer and not a final agency action. Consequently, neither you nor any other party may request an administrative hearing to contest this letter pursuant to Chapter 120, F.S. Once this letter is clerked and becomes a final order of the Department, as explained above, the attached Notice of Rights will apply to parties, other than you, whose interests will be substantially affected.

Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

Please be aware that if you decline to respond to the Department's offer, the Department will assume that you are not interested in resolving the matter and will proceed accordingly.

If you have any questions, please contact Lance Kautz at 813-470-5903 or at Lance.Kautz@FloridaDEP.gov .

Sincerely,

Kelley M. Boatwright for:

Mary E. Yeargan, PG
District Director
Southwest District

FOR THE RESPONDENT:

I, _____ [Patrick Flynn], **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: _____ Date: _____
[Signature]

Title: _____
[Type or Print]

FOR DEPARTMENT USE ONLY

DONE AND ORDERED this __ day of _____, 20__, in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Mary E. Yeargan, PG
District Director
Southwest District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Attachments: Notice of Rights

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

NOTICE OF RIGHTS

Persons who are not parties to this Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under Sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Order means that the Department's final action may be different from the position it has taken in the Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Order;

d) A statement of when and how the petitioner received notice of the Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the address indicated above. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under Sections 120.569 and 120.57, Florida Statutes. Mediation under Section 120.573, Florida Statutes, is not available in this proceeding.

Exhibit A

In-Kind Projects

I. Introduction

An in-kind project

a. Within **60 days** of the effective date of this Consent Order, Respondent shall submit, electronically or by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, electronically or by certified mail, all requested additional information, clarification, and modifications within 15 days of receipts of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new proposal within 30 days of receipt of written notice. In the event that the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in the Consent Order, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in the Consent Order, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph (a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event, Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited, and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $9,631.66 penalty, no additional penalties shall be assessed for failure to complete the requirement of this paragraph.

h. Within 15 days of completing the in-kind project, Respondent shall notify the Department, electronically or by certified mail, of the project completion and request a verification letter from the Department. Respondent shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

i. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new notification of completion within 15 days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited, and the entire amount of civil penalty shall be due from the Respondent to the

Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $9,631.66, no additional penalties shall be assessed for failure to complete the requirements of this paragraph.

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

November 25,2019

Patrick C. Flynn, Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

SUBJECT: Department of Environmental Protection v. Utilities, Inc. of Florida,
OGC File No.: 19-1749
Mid-County WWTP – FL0034789

Mr. Flynn:

The State of Florida Department of Environmental Protection ("Department") finds that Mid-County Wastewater Treatment Facility ("Respondent") had a discharge of 85,350 gallons of untreated wastewater to a nearby stream known as Curlew Creek which resulted in a surface water quality violation of Section 403.121 (3)(b), Florida Statutes, and Rule 62-604.130 (1), Florida Administrative Code. Also, the facility failed to submit Public Notices of Pollution for overflows in violation of Section 403.077(2), Florida Statutes. Although there are no further actions required to correct the violation, you remain subject to civil penalties as a result of the violation. You are also responsible for costs incurred by the Department during the investigation of this matter.

The Department's Offer

Based on the violations described above, the Department is seeking $9,35.00 in civil penalties, $281.66 in economic benefit, and $250.00 for costs and expenses the Department has incurred in investigating this matter, which amounts to a total of $9,881.66. The civil penalty in this matter includes 4 violations of $2,000.00 or more.

In lieu of making cash payment of $9,631.66 in civil penalties as set forth in the above paragraph, Respondent may elect to off-set this amount by implementing an in-kind penalty project, which must be approved by the Department. An in-kind project must

be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty off-set amount, which in this case is the equivalent of at least **$14,447.49**. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election by electronic mail to Lance Kautz at Lance.Kautz@FloridaDEP.gov within 15 days of the effective date of this Consent Order. **Notwithstanding the election to implement an in-kind project, payment of the remaining $250.00 in costs must be paid within 30 days of the effective date of the Consent Order**.

If Respondent elects to implement an in-kind project, then Respondent shall comply with all the requirements and time frames in Exhibit A entitled In-Kind Projects.

Respondent's Acceptance

If you wish to accept this offer and fully resolve this pending enforcement matter, please sign this letter and return it to the Department at 13051 North Telecom Parkway, Suite 101, Temple Terrace, FL, 33637-0926 by **December 22, 2019**. The Department will then countersign it and file it with a designated clerk of the Department. Once the document is filed with the designated clerk, it will constitute a final order of the Department pursuant to Section 120.52(7), F.S. and will be effective unless a request for an administrative hearing is filed by a third party in accordance with Chapter 120, F.S. and the attached Notice of Rights.

By accepting this offer you, Patrick Flynn:

(1) acknowledge and waive your right to an administrative hearing pursuant to Sections 120.569 and 120.57, F.S., on the terms of this offer;

(2) acknowledge and waive your right to an appeal pursuant to Section 120.68, F.S.; and

(3) acknowledge that payment of the above amount does not constitute a waiver of the Department's right, if any, to recover emergency response related costs and expenses for this matter.

The Department acknowledges that your acceptance of this offer does not constitute an admission of liability for the violation(s) referenced above.

Respondent's Performance

After signing and returning this document to the Department,

(1) Upon signing this letter, you must implement the In-kind Project in accordance with the requirements identified in the attached Exhibit. Your failure to timely start or complete the In-kind Project, or timely provide the Department with the Final Report, will cause the In-kind Project option to be forfeited and the balance of the civil penalty shall be due within 10 days of notice from the Department.

(2) If you elect to implement the In-kind project, **payment of $250 for costs and expenses must be paid within 30 days of the effective date of this Order**. If you decide **not** to implement an In-kind Project, the Respondent shall pay the full penalty amount, including costs and expenses, of $9,881.66 by **January 22, 2020**.

(3) Make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/
It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

The Department may enforce the terms of this document, once final, and seek to collect monies owed pursuant to Sections 120.69 and 403.121, F.S.

Until clerked by the Department, this letter is only a settlement offer and not a final agency action. Consequently, neither you nor any other party may request an administrative hearing to contest this letter pursuant to Chapter 120, F.S. Once this letter is clerked and becomes a final order of the Department, as explained above, the attached Notice of Rights will apply to parties, other than you, whose interests will be substantially affected.

Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

Please be aware that if you decline to respond to the Department's offer, the Department will assume that you are not interested in resolving the matter and will proceed accordingly.

If you have any questions, please contact Lance Kautz at 813-470-5903 or at Lance.Kautz@FloridaDEP.gov .

Sincerely,

Kelley M. Boatwright for:

Mary E. Yeargan, PG
District Director
Southwest District

FOR THE RESPONDENT:

I, _____ [Patrick Flynn], **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: _____ Date: _____
[Signature]

Title: _____
[Type or Print]

FOR DEPARTMENT USE ONLY

DONE AND ORDERED this __ day of _____, 20__, in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Mary E. Yeargan, PG
District Director
Southwest District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Attachments: Notice of Rights

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

NOTICE OF RIGHTS

Persons who are not parties to this Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under Sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Order means that the Department's final action may be different from the position it has taken in the Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Order;

d) A statement of when and how the petitioner received notice of the Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the address indicated above. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under Sections 120.569 and 120.57, Florida Statutes. Mediation under Section 120.573, Florida Statutes, is not available in this proceeding.

Exhibit A

In-Kind Projects

I. Introduction

An in-kind project

a. Within **60 days** of the effective date of this Consent Order, Respondent shall submit, electronically or by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, electronically or by certified mail, all requested additional information, clarification, and modifications within 15 days of receipts of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new proposal within 30 days of receipt of written notice. In the event that the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in the Consent Order, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in the Consent Order, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph (a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event, Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited, and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $9,631.66 penalty, no additional penalties shall be assessed for failure to complete the requirement of this paragraph.

h. Within 15 days of completing the in-kind project, Respondent shall notify the Department, electronically or by certified mail, of the project completion and request a verification letter from the Department. Respondent shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

i. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new notification of completion within 15 days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited, and the entire amount of civil penalty shall be due from the Respondent to the

Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $9,631.66, no additional penalties shall be assessed for failure to complete the requirements of this paragraph.

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

November 7, 2018

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Proposed Consent Order OGC File No. 18-1197
Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
Pinellas County

Dear Mr. Flynn:

Enclosed is the proposed Consent Order, OGC File No. 18-1197, regarding the above-referenced facility. Please review, sign and return the Consent Order by **November 15, 2018**, if in agreement. If not in agreement, please contact the Department immediately. Upon return of the signed Consent Order, I shall execute it and a copy will be sent to you.

The executed Consent Order constitutes final agency action of the Department, which shall be enforceable pursuant to Sections 120.69 and 403.121, Florida Statutes. By countersigning the Consent Order, the Department waives its right to seek judicial imposition of damages, costs and expenses, or civil penalties for the alleged violations. By signing the Consent Order, you, as the Respondent, acknowledges and waives its right to a hearing and appeal of the terms of the Consent Order.

If the signed original Consent Order is not received by the Department by **November 15, 2018**, the Department will assume that you are not interested in the settlement on the above terms, and the matter may be referred to the Office of General Counsel for formal enforcement action. None of your rights or substantial interests are determined by the Consent Order until it is signed and filed with the Department.

Should you have any questions, please contact Lance Kautz at (813) 470-5903, or via e-mail: Lance.Kautz@FloridaDEP.gov. Thank you for your cooperation.

Sincerely yours,

Mary E. Yeargan, PG
Southwest District Director
Florida Department of Environmental Protection

MEY/lk

cc: Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com
Donna Ethridge, DEP, Donna.Ethridge@floridadep.gov
Adrienne Pennington, DEP, Adrienne.Pennington@floridadep.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, DEP-SWD, Erica.Peck@FloridaDEP.gov
Steve Thompson, DEP-SWD, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, DEP-SWD, Kelley.M.Boatwright@FloridaDEP.gov

Enclosures: Proposed Consent Order, OGC File No. 18-1197
Exhibit 1 - Interim Discharge Monitoring Report
Exhibit 2 - In-Kind Project

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE SOUTHWEST DISTRICT
v.	)	OGC FILE NO. 18-1197
UTILITIES, INC. OF FLORIDA MID-COUNTY SERVICES, INC DBA UTILITIES INC. OF FLORIDA	)	

CONSENT ORDER

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and Mid-County Services, Inc. dba Utilities, Inc. of Florida (Respondent) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds, and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (Fla. Stat.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (Fla. Admin. Code). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent, Mid-County Services, Inc. dba Utilities, Inc. of Florida is a Florida Profit Corporation with its principal place of business located at 200 Weathersfield Avenue, Altamonte Springs, Florida 32714.

3. Respondent is a person within the meaning of Section 403.031(5), Fla. Stat.

4. Respondent is the owner and is responsible for the operation of the Mid-County WWTF, an existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced

wastewater treatment facility with high-level disinfection with an existing 0.90 MGD AADF surface water discharge into the Class III fresh waters of Curlew Creek and eventually to Clearwater Harbor, a Class III marine water (Facility). The Facility is operated under Wastewater Permit No. FL0034789 (Permit), which was issued on August 5, 2016 and will expire on August 4, 2021. The Facility is located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438, in Pinellas County, Florida (Property). Respondent owns the Property on which the Facility is located.

5. Permit Condition I.A.1. Reclaimed Water and Effluent Limitations and Monitoring Requirements sets effluent limitations for the following parameters: Total Nitrogen; BOD, Carbonaceous 5 day, 20C; Solids, Total Suspended; and Coliform, Fecal.

6. The Department finds that the following violations occurred:

a) A review of the discharge monitoring reports (DMRs) for the period of August 1, 2015 to September 30, 2018 indicated the Permit limits were exceeded, as shown in Table 1, below:

Table 1 – DMR Exceedances

Date	Parameter	Result	Limit	Units	Statistical Base
8/31/2018	Nitrogen, Total	2.67	2.12	ton/yr	AD – Annual Total
7/31/2018	Nitrogen, Total	2.60	2.12	ton/yr	AD – Annual Total
6/30/2018	Nitrogen, Total	2.56	2.12	ton/yr	AD - Annual Total
5/31/2018	Nitrogen, Total	2.50	2.12	ton/yr	AD - Annual Total
4/30/2018	Nitrogen, Total	2.25	2.12	ton/yr	AD - Annual Total
3/31/2018	BOD, Carbonaceous 5 day, 20C	8.53	6.25	mg/L	MK - Monthly
3/31/2018	BOD, Carbonaceous 5 day, 20C	15	10.0	mg/L	MB - Maximum
3/31/2018	Nitrogen, Total	2.14	2.12	ton/yr	AD - Annual Total
2/28/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD - Annual Total
1/31/2018	BOD, Carbonaceous 5 day, 20C	6.34	6.25	mg/L	MK - Monthly
1/31/2018	BOD, Carbonaceous 5 day, 20C	14	10.0	mg/L	MB - Maximum
1/31/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD - Annual Total
12/31/2017	Solids, Total Suspended	24	5.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	18	6.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	8.1	3.75	mg/L	MK - Monthly
12/31/2017	Coliform, Fecal	48	25.0	#/100	MB - Maximum

12/31/2017	Nitrogen, Total	2.17	2.12	ton/yr	AD - Annual Total
11/30/2017	BOD, Carbonaceous 5 day, 20C	19	10.0	mg/L	MB - Maximum
11/30/2017	BOD, Carbonaceous 5 day, 20C	7.8	6.25	mg/L	MK - Monthly
7/31/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
6/30/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
5/31/2017	Solids, Total Suspended	9.2	5.0	mg/L	MB - Maximum
10/31/2016	Coliform, Fecal	32	25.0	#/100	MB - Maximum
7/31/2016	Coliform, Fecal	58	25.0	#/100	MB - Maximum
3/31/2016	Nitrogen, Total	9.6	6.00	mg/L	MB - Maximum
3/31/2016	Nitrogen, Total	4.5	3.75	mg/L	MK - Monthly
8/31/2015	Solids, Total Suspended	6.2	5.0	mg/L	MB - Maximum

b) The exceedances in Table 1, above, are violations of Rule 62-4.160, Fla. Admin. Code, which states that it is a violation to fail to comply with the terms, conditions, requirements, limitations, and restrictions set forth in the Permit. These exceedances are also violations of Rule 62-600.410(1), Fla. Admin. Code, which states that it is a violation to fail to operate and maintain the domestic wastewater treatment plant in accordance with the applicable provisions of this chapter and so as to attain, at a minimum, the reclaimed water of effluent quality required by the operation criteria specified in this chapter.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

7. Within 90 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to complete and submit a report to the Department for approval for the following:

a) Evaluate the Facility, including the effluent disposal system and associated collection system, to discover the cause or causes of the noncompliance.

b) Designing modifications of the Facility, effluent disposal system, and collection systems to ensure the Facility and effluent disposal system will function in full and consistent compliance with all applicable rules of the Department.

c) Oversee the construction of any modifications to the Facility, effluent disposal system, or collection system.

d) Submit to the Department a "Notification of Completion of Construction for Wastewater Facilities or Activities" (Form 62-620.910(12), Fla. Admin. Code), and if applicable, "Request For Approval To Place A Domestic Wastewater Collection/Transmission System Into Operation", (Form 62-604.300(8)(b), Fla. Admin. Code) , prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facility, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit.

8. Upon the first day of the month following the effective date of this Consent Order and lasting through December 31, 2019, the Facility's effluent discharge to Curlew Creek shall meet the following interim limits, as identified in Table 2, below:

Table 2 – Interim Limits

Parameter	Interim Limit	Units	Statistical Base
Nitrogen, Total	2.56	ton/yr	AD - Annual Total
Nitrogen, Total	18	mg/L	MB - Maximum
Nitrogen, Total	8.1	mg/L	MK - Monthly
BOD, Carbonaceous 5 day,	19	mg/L	MB - Maximum
BOD, Carbonaceous 5 day,	8.53	mg/L	MK - Monthly

9. A copy of the Discharge Monitoring Report ("DMR") to be used for reporting the interim limit values is incorporated herein and attached as Exhibit I. Sampling, analysis and reporting of the aforementioned parameters shall be in accordance with the permit. These interim limits do not act as a State of Florida Department of Environmental Protection wastewater permit effluent limitation or

modified permit limitation, nor does it authorize or otherwise justify violation of the Florida Air and Water Pollution Control Act, Part I, Chapter 403, Florida Statutes, during the pendency of this Consent Order.

10. Within 90 days of Department approval of the report referenced in Paragraph 7 for any design modifications of the Facility, effluent disposal system, and collection systems, Respondent shall submit a complete application for a Department wastewater permit to construct the modifications designed by the professional engineer in Paragraph 7b, above, if such a permit is required.

11. In the event the Department requires additional information to process the permit application described in paragraph 10, above, the Respondent must provide a written response containing the information requested by the Department within 30 days of the date of the request.

12. If any modifications listed in Paragraph 7b, above, **do not** require a permit, the Respondent shall provide written notification of completion of modifications to the Department, within 45 days of accomplishment of said modifications.

13. Every calendar quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These reports shall also include a projection of the work Respondent will perform pursuant to this Order during the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

14. Within 60 days of the effective date of this Order, Respondent shall submit to the Department an updated Operation and Maintenance Performance Report which meets the requirements of Rule 62-600.735, Fla. Admin. Code.

15. Within 60 days of the effective date of this Order, Respondent shall submit an updated Capacity Analysis Report for the Facility meeting the requirements of Rule 62-600.405, Fla. Admin. Code.

16. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by Paragraphs 7-15 by December 31, 2019 and be in full compliance with the current domestic wastewater permit and applicable rules of Chapter 62-600, Fla. Admin. Code., regardless of any intervening events or alternative time frames imposed in this Order.

17. Within 30 days of the effective date of this Order, Respondent shall pay the Department $8,500.00 in settlement of the regulatory matters addressed in this Order. This amount includes $8,000.00 for civil penalties and $500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order. The civil penalty in this case includes four (4) violations that each warrant a penalty of $2,000.00 or more.

18. Respondent agrees to pay the Department stipulated penalties in the amount of $1000.00 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraphs 7-15 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment and shall do so as further described in paragraph 19, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 17 of this Order.

19. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

20. In lieu of making cash payment of $8,000.00 in civil penalties as set forth in paragraph 17 above, Respondent may elect to off-set this amount by implementing an in-kind project, which must be approved by the Department. An in-kind project must be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty amount, which in this case is the equivalent of at least $12,000.00. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election either electronically or by certified mail within **15 days** of the effective date of this Consent Order. **Notwithstanding the election to implement an in-kind project, payment of the remaining $500.00 in costs must be paid within 30 days of the effective date of the Consent Order**.

If Respondent elects to implement an in-kind project as provided in paragraph 20, then Respondent shall comply with all of the requirements and time frames in Exhibit 2 entitled In-Kind Projects.

21. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Lance Kautz, Domestic Wastewater Program**,** Department of Environmental Protection,

Southwest District Office, 13051 North Telecom Parkway, Suite 101, Temple Terrace, Florida 33637, Lance.Kautz@FloridaDEP.gov**.**

22. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

23. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, and if all of the requirements of this Order have not been fully satisfied, Respondent shall at least 30 days prior to the sale or conveyance of the Facility or Property(a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility . The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

24. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as “contractor”) to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall within seven calendar days notify the Department in writing of (a) the anticipated length

and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

25. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

26. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

27. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

28. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

29. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, Fla. Stat., regarding the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, Fla. Stat.

30. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

31. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Fla. Stat. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), Fla. Stat.

32. This Consent Order is a final order of the Department pursuant to section 120.52(7), Fla. Stat., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, Fla. Stat. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

33. Respondent shall publish the following notice in a newspaper of daily circulation in Pinellas County, Florida. The notice shall be published one time only within 15 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection (Department) gives notice of agency action of entering into a Consent Order with UTILITIES, INC. OF FLORIDA pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the operation of the domestic wastewater treatment facility, including the associated sewer collection transmission system, and permit limit exceedances at Mid-County WWTP. located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926**.**

34. Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

35. The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

36. Rules referenced in this Order are available at https://softlive.dep.state.fl.us/ogc/ogc/content/rules

FOR THE RESPONDENT:

_____ _____
Patrick C. Flynn Date
Vice President of Operations

DONE AND ORDERED this ____ day of_____, 2018, in Hillsborough, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Mary E. Yeargan, P.G.
Southwest District Director
Florida Department of Environmental Protection

Filed, on this date, pursuant to section 120.52, Fla. Stat., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35 *DW_CO (REV. 06/09)*

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue, Altamonte Springs, Florida 32714-4027
FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive, Dunedin, FL 34698-9438
COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
OGC No. #18-1197
LIMIT: INTERIM
CLASS SIZE: MI
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Discharge of treated effluent., with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____
REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.90 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-01	Permit Requirement					8.53 (Mo.Avg.)	19.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFD-01	Permit Requirement					3.0 (An.Avg.)		mg/L		Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-01	Permit Requirement					8.1 (Mo.Avg.)	18.0 (Max.)	mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFD-01	Permit Requirement					1.0 (An.Avg.)		mg/L		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-01	Permit Requirement					1.25 (Mo.Avg.)	2.0 (Max.)	mg/L		Weekly	16-hr FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		Monthly	Calculated
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		5 Days/Week	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-01	Permit Requirement						0.01 (Max.)	mg/L		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-01	Permit Requirement				5.00 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFD-01	Permit Requirement		Report (Mo.Total)	ton/mth						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-01	Permit Requirement		2.56 (An.Total)	ton/yr						Monthly	Calculated
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TRP3B P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Routine)	Sample Measurement										
PARM Code TRP6C P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement		0.9 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027

FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive
Dunedin, FL 34698-9438

COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
LIMIT: Final
CLASS SIZE: MI
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Flow (MGD) (D-001)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	Nitrogen, Total (as N) (MG/L)	Phosphorus, Total (as P) (MG/L)	pH (Min)	pH (Max)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect.) (MG/L)	TRC (For Dechlor.) (MG/L)
Code	50050	80082	00530	00530	00600	00665	00400	00400	74055	50060	50060
Mon. Site	FLW-01	EFD-01	EFD-01	EFB-01	EFD-01	EFD-01	EFD-01	EFD-01	EFA-01	EFA-01	EFD-01
1											
2											
3											
4											
5											
6											
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21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Oxygen, Dissolved (DO) (MG/L)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	TSS (MG/L)							
Code	00300	50050	80082	00530							
Mon. Site	EFD-01	FLW-01	INF-01	INF-01							
1											
2											
3											
4											
5											
6											
7											
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29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

Exhibit 2

In-Kind Projects

I. Introduction

An in-kind project

a. Within 60 days of the effective date of this Consent Order, Respondent shall submit, electronically or by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, electronically or by certified mail, all requested additional information, clarification, and modifications within 15 days of receipts of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new proposal

within 30 days of receipt of written notice. In the event that the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in paragraph 17 of the Consent Order, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in paragraph 17 of the Consent Order, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph 2(a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event, Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely

remits the $8,000.00 penalty, no additional penalties shall be assessed for failure to complete the requirement of this paragraph.

h. Within 15 days of completing the in-kind project, Respondent shall notify the Department, electronically or by certified mail, of the project completion and request a verification letter from the Department. Respondent shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

i. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new notification of completion within 15 days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited and the entire amount of civil penalty shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $8,000.00, no additional penalties shall be assessed for failure to complete the requirements of this paragraph.

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

September 19, 2018

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Proposed Consent Order OGC File No. 18-1197
Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
Pinellas County

Dear Mr. Flynn:

Enclosed is the proposed Consent Order, OGC File No. 18-1197, regarding the above-referenced facility. Please review, sign and return the Consent Order by **October 18, 2018**, if in agreement. If not in agreement, please contact the Department immediately. Upon return of the signed Consent Order, I shall execute it and a copy will be sent to you.

The executed Consent Order constitutes final agency action of the Department, which shall be enforceable pursuant to Sections 120.69 and 403.121, Florida Statutes. By countersigning the Consent Order, the Department waives its right to seek judicial imposition of damages, costs and expenses, or civil penalties for the alleged violations. By signing the Consent Order, you, as the Respondent, acknowledges and waives its right to a hearing and appeal of the terms of the Consent Order.

If the signed original Consent Order is not received by the Department by **October 18, 2018**, the Department will assume that you are not interested in the settlement on the above terms, and the matter may be referred to the Office of General Counsel for formal enforcement action. None of your rights or substantial interests are determined by the Consent Order until it is signed and filed with the Department.

Should you have any questions, please contact Lance Kautz at (813) 470-5903, or via e-mail: Lance.Kautz@FloridaDEP.gov. Thank you for your cooperation.

Sincerely yours,

Mary E. Yeargan, PG
Southwest District Director
Florida Department of Environmental Protection

MEY/lk

cc: Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com
Lea Crandall, DEP, Lea.Crandall@floridadep.gov
Adrienne Pennington, DEP, Adrienne.Pennington@floridadep.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, DEP-SWD, Erica.Peck@FloridaDEP.gov
Steve Thompson, DEP-SWD, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, DEP-SWD, Kelley.M.Boatwright@FloridaDEP.gov

Enclosures: Proposed Consent Order, OGC File No. 18-1197
Interim Discharge Monitoring Report

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE SOUTHWEST DISTRICT
v.	)	OGC FILE NO. 18-1197
MID-COUNTY SERVICES, INC.	)	

CONSENT ORDER

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and Mid-County Services, Inc. (Respondent) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds, and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (Fla. Stat.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (Fla. Admin. Code). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent, Mid-County Services, Inc. of Florida is a Florida Profit Corporation with their principal place of business located at 200 Weathersfield Avenue, Altamonte Springs, Florida 32714.

3. Respondent is a person within the meaning of Section 403.031(5), Fla. Stat.

4. Respondent is the owner and is responsible for the operation of the Mid-County WWTF, an existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced wastewater treatment facility with high-level disinfection with an existing 0.90 MGD AADF surface

water discharge into the Class III fresh waters of Curlew Creek and eventually to Clearwater Harbor a Class III marine waters (Facility). The Facility is operated under Wastewater Permit No. FL0034789 (Permit), which was issued on August 5, 2016 and will expire on August 4, 2021. The Facility is located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438, in Pinellas County, Florida (Property). Respondent owns the Property on which the Facility is located.

5. Permit Condition I.A.1. Reclaimed Water and Effluent Limitations and Monitoring Requirements sets effluent limitations for the following parameters: Total Nitrogen; BOD, Carbonaceous 5 day, 20C; Solids, Total Suspended; and Coliform, Fecal.

6. The Department finds that the following violations occurred:

a) A review of the discharge monitoring reports (DMRs) for the period of August 1, 2015 to June 30, 2018 indicated the Permit limits were exceeded, as shown in Table 1, below:

Table 1 – DMR Exceedances

Date	Parameter	Result	Limit	Units	Statistical Base
6/30/2018	Nitrogen, Total	2.56	2.12	ton/yr	AD - Annual Total
5/31/2018	Nitrogen, Total	2.5	2.12	ton/yr	AD - Annual Total
4/30/2018	Nitrogen, Total	2.25	2.12	ton/yr	AD - Annual Total
3/31/2018	BOD, Carbonaceous 5 day,	8.53	6.25	mg/L	MK - Monthly
3/31/2018	BOD, Carbonaceous 5 day,	15	10.0	mg/L	MB - Maximum
3/31/2018	Nitrogen, Total	2.14	2.12	ton/yr	AD - Annual Total
2/28/2018	Nitrogen, Total	2.2	2.12	ton/yr	AD - Annual Total
1/31/2018	BOD, Carbonaceous 5 day,	6.34	6.25	mg/L	MK - Monthly
1/31/2018	BOD, Carbonaceous 5 day, 20C	14	10.0	mg/L	MB - Maximum
1/31/2018	Nitrogen, Total	2.2	2.12	ton/yr	AD - Annual Total
12/31/2017	Solids, Total Suspended	24	5.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	18	6.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	8.1	3.75	mg/L	MK - Monthly
12/31/2017	Coliform, Fecal	48	25.0	#/100mL	MB - Maximum
12/31/2017	Nitrogen, Total	2.17	2.12	ton/yr	AD - Annual Total
11/30/2017	BOD, Carbonaceous 5 day,	19	10.0	mg/L	MB - Maximum
11/30/2017	BOD, Carbonaceous 5 day,	7.8	6.25	mg/L	MK - Monthly

7/31/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
6/30/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
5/31/2017	Solids, Total Suspended	9.2	5.0	mg/L	MB - Maximum
10/31/2016	Coliform, Fecal	32	25.0	#/100mL	MB - Maximum
7/31/2016	Coliform, Fecal	58	25.0	#/100mL	MB - Maximum
3/31/2016	Nitrogen, Total	9.6	6.0	mg/L	MB - Maximum
3/31/2016	Nitrogen, Total	4.5	3.75	mg/L	MK - Monthly
8/31/2015	Solids, Total Suspended	6.2	5.0	mg/L	MB - Maximum

b) The exceedances in Table 1, above, are violations of 62-4.160, Fla. Admin. Code, which states that it is a violation to fail to comply with the terms, conditions, requirements, limitations, and restrictions set forth in the Permit. These exceedances are also violations of Rule 62-600.410(1), Fla. Admin. Code, which states that it is a violation to fail to operate and maintain the domestic wastewater treatment plant in accordance with the applicable provisions of this chapter and so as to attain, at a minimum, the reclaimed water of effluent quality required by the operation criteria specified in this chapter.

c) The exceedances in Table 1, above, also constitute a violation of Rule 62-4.160, Fla. Admin. Code, which states that it is a violation to fail to comply with the terms, conditions, requirements, limitations, and restrictions set forth in the Permit.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

7. Within 60 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to complete the following:

a) Evaluate the Facility, including the effluent disposal system and associated collection system, to discover the cause or causes of the noncompliance.

b) Designing modifications of the Facility, effluent disposal system, and collection systems to ensure the Facility and effluent disposal system will function in full and consistent compliance with all applicable rules of the Department.

e) Oversee the construction of any modifications to the Facility, effluent disposal system, or collection system.

f) Notify Lance Kautz, the Department's Domestic Wastewater Compliance Inspector, by telephone or in person before initiating the treatment system modifications described in subparagraphs (a) and (b) of this paragraph.

g) Submit to the Department a "Notification of Completion of Construction for Wastewater Facilities or Activities" (Form 62-620.910(12), Fla. Admin. Code), and if applicable, "Request For Approval To Place A Domestic Wastewater Collection/Transmission System Into Operation", (Form 62-604.300(8)(b), Fla. Admin. Code) , prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facility, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit.

8. Upon the first day of the month following the effective date of this Consent Order and lasting through December 31, 2019, the Facility's effluent discharge to Curlew Creek shall meet the following interim limits, as identified in Table 2, below:

Table 2 – Interim Limits

Parameter	Interim Limit	Units	Statistical Base
Nitrogen, Total	2.56	ton/yr	AD - Annual Total
Nitrogen, Total	18	mg/L	MB - Maximum
Nitrogen, Total	8.1	mg/L	MK - Monthly
BOD, Carbonaceous 5 day,	19	mg/L	MB - Maximum
BOD, Carbonaceous 5 day,	8.53	mg/L	MK - Monthly
Solids, Total Suspended	24	mg/L	MB - Maximum
Coliform, Fecal	58	#/100mL	MB - Maximum

9. A copy of the Discharge Monitoring Report ("DMR") to be used for reporting the interim limit values is incorporated herein and attached as Exhibit I. Sampling, analysis and reporting of the aforementioned parameters shall be in accordance with the permit. These interim limits do not act as a State of Florida Department of Environmental Protection wastewater permit effluent limitation or modified permit limitation, nor does it authorize or otherwise justify violation of the Florida Air and Water Pollution Control Act, Part I, Chapter 403, Florida Statutes, during the pendency of this Consent Order.

10. Within 90 days of the effective date of this Order, Respondent shall submit a complete application for a Department wastewater permit to construct the modifications designed by the professional engineer in paragraph 7b, above, if such a permit is required.

11. In the event the Department requires additional information to process the permit application described in paragraph 10, above, the Respondent must provide a written response containing the information requested by the Department within 30 days of the date of the request.

12. If any modifications listed in Paragraph 7b, above, **do not** require a permit, the Respondent shall provide written notification of completion of modifications, to the Department, within 45 days of accomplishment of said modifications.

13. Every calendar quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These reports shall also include a projection of the work Respondent will perform pursuant to this Order during

the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

14. Within 60 days of the effective date of this Order, Respondent shall submit to the Department an updated Operation and Maintenance Performance Report which meets all of the requirements of Rule 62-600.735, Fla. Admin. Code.

15. Within 60 days of the effective date of this Order, Respondent shall submit an updated Capacity Analysis Report for the Facility meeting all of the requirements of Rule 62-600.405, Fla. Admin. Code.

16. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by Paragraphs 7-15 by December 31, 2019 and be in full compliance with the current domestic wastewater permit and applicable rules of Chapter 62-600, Fla. Admin. Code., regardless of any intervening events or alternative time frames imposed in this Order.

17. Within 30 days of the effective date of this Order, Respondent shall pay the Department $8,500.00 in settlement of the regulatory matters addressed in this Order. This amount includes $8,000.00 for civil penalties and $500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order. The civil penalty in this case includes four (4) violations that each warrant a penalty of $2,000.00 or more.

18. Respondent agrees to pay the Department stipulated penalties in the amount of $1000.00 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraphs 7-15 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment and shall do so as further described in paragraph 19, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms

of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 17 of this Order.

19. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

20. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Lance Kautz, Domestic Wastewater Program**,** Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Suite 101, Temple Terrace, Florida 33637, Lance.Kautz@FloridaDEP.gov**.**

21. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

22. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

23. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

24. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the

filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

25. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

26. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

27. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

28. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, Fla. Stat., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, Fla. Stat.

29. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

30. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Fla. Stat. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), Fla. Stat.

31. This Consent Order is a final order of the Department pursuant to section 120.52(7), Fla. Stat., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, Fla. Stat. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

32. Respondent shall publish the following notice in a newspaper of daily circulation in Pinellas County, Florida. The notice shall be published one time only within 15 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection (Department) gives notice of agency action of entering into a Consent Order with UTILITIES, INC. OF FLORIDA pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the operation of the domestic wastewater treatment facility, including the associated sewer collection transmission system, and permit limit exceedances at Mid-County Services, Inc. located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926.

33. Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

34. The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926. Failure to file a petition within the 21-day period constitutes

a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

35. Rules referenced in this Order are available at https://softlive.dep.state.fl.us/ogc/ogc/content/rules

FOR THE RESPONDENT:

_____ _____
Patrick C. Flynn Date
Vice President of Operations

DONE AND ORDERED this __ day of_____, 2018, in Hillsborough, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Mary E. Yeargan, P.G.
Southwest District Director
Florida Department of Environmental Protection

Filed, on this date, pursuant to section 120.52, Fla. Stat., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35 *DW_CO (REV. 06/09)*

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue, Altamonte Springs, Florida 32714-4027
FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive, Dunedin, FL 34698-9438
COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
OGC No. #18-1197
LIMIT: INTERIM
CLASS SIZE: MI
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Discharge of treated effluent., with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____
REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.90 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-01	Permit Requirement					8.53 (Mo.Avg.)	19.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP

MONITORING GROUP NUMBER: D-001

PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFD-01	Permit Requirement					3.0 (An.Avg.)		mg/L		Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-01	Permit Requirement					8.1 (Mo.Avg.)	18.0 (Max.)	mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFD-01	Permit Requirement					1.0 (An.Avg.)		mg/L		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-01	Permit Requirement					1.25 (Mo.Avg.)	2.0 (Max.)	mg/L		Weekly	16-hr FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		Monthly	Calculated
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		5 Days/Week	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-01	Permit Requirement						0.01 (Max.)	mg/L		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-01	Permit Requirement				5.00 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFD-01	Permit Requirement		Report (Mo.Total)	ton/mth						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-01	Permit Requirement		2.56 (An.Total)	ton/yr						Monthly	Calculated
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TRP3B P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Routine)	Sample Measurement										
PARM Code TRP6C P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement		0.9 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME:	Mid-County Services, Inc.	PERMIT NUMBER:	FL0034789-013-DW1P/NR		
MAILING ADDRESS:	200 Weathersfield Avenue Altamonte Springs, Florida 32714-4027	LIMIT:	Final	REPORT FREQUENCY:	Monthly
		CLASS SIZE:	MI	PROGRAM:	Domestic
FACILITY:	Mid-County WWTP	MONITORING GROUP NUMBER:	RMP-Q		
LOCATION:	2299 Spanish Vista Drive Dunedin, FL 34698-9438	MONITORING GROUP DESCRIPTION:	Biosolids Quantity		
		RE-SUBMITTED DMR: ☐			
		NO DISCHARGE FROM SITE: ☐			
COUNTY:	Pinellas	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	Southwest District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Flow (MGD) (D-001)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	Nitrogen, Total (as N) (MG/L)	Phosphorus, Total (as P) (MG/L)	pH (Min)	pH (Max)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect.) (MG/L)	TRC (For Dechlor.) (MG/L)
Code	50050	80082	00530	00530	00600	00665	00400	00400	74055	50060	50060
Mon. Site	FLW-01	EFD-01	EFD-01	EFB-01	EFD-01	EFD-01	EFD-01	EFD-01	EFA-01	EFA-01	EFD-01
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
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22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Oxygen, Dissolved (DO) (MG/L)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	TSS (MG/L)							
Code	00300	50050	80082	00530							
Mon. Site	EFD-01	FLW-01	INF-01	INF-01							
1											
2											
3											
4											
5											
6											
7											
8											
9											
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30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

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

December 5, 2019

Patrick C. Flynn
Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Executed Consent Order OGC File No. 19-1749
Mid-County WWTP
Facility ID No. FL0034789
Pinellas County

Dear Mr. Flynn:

Enclosed please find the executed Consent Order OGC No. 19-1749 regarding the above referenced facility. The effective date of the Order is the filing date entered by the designated Department Clerk on the signature page.

Should you have any questions, please contact Mr. Lance Kautz at (813) 470-5903, or via e-mail: Lance.Kautz@floridadep.gov. Thank you for your cooperation.

Sincerely yours,

Mary E. Yeargan, PG
Southwest District Director
Florida Department of Environmental Protection

MEY/lk

Enclosures: Executed Consent Order, OGC File No. 19-1749

cc: Lea Crandall, DEP, Lea.Crandall@floridadep.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, DEP-SWD, Erica.Peck@FloridaDEP.gov
Steve Thompson, DEP-SWD, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, DEP-SWD, Kelley.M.Boatwright@FloridaDEP.gov

Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com
John Hoy, UI Water, JPHoy@uiwater.com

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

November 25,2019

Patrick C. Flynn, Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

SUBJECT: Department of Environmental Protection v. Utilities, Inc. of Florida,
OGC File No.: 19-1749
Mid-County WWTP - FL0034789

Mr. Flynn:

The State of Florida Department of Environmental Protection ("Department") finds that Mid-County Wastewater Treatment Facility ("Respondent") had a discharge of 85,350 gallons of untreated wastewater to a nearby stream known as Curlew Creek which resulted in a surface water quality violation of Section 403.121 (3)(b), Florida Statutes, and Rule 62-604.130 (1), Florida Administrative Code. Also, the facility failed to submit Public Notices of Pollution for overflows in violation of Section 403.077(2), Florida Statutes. Although there are no further actions required to correct the violation, you remain subject to civil penalties as a result of the violation. You are also responsible for costs incurred by the Department during the investigation of this matter.

The Department's Offer

Based on the violations described above, the Department is seeking $9,350.00 in civil penalties, $281.66 in economic benefit, and $250.00 for costs and expenses the Department has incurred in investigating this matter, which amounts to a total of $9,881.66. The civil penalty in this matter includes 4 violations of $2,000.00 or more.

In lieu of making cash payment of $9,631.66 in civil penalties as set forth in the above paragraph, Respondent may elect to off-set this amount by implementing an in-kind penalty project, which must be approved by the Department. An in-kind project must

be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty off-set amount, which in this case is the equivalent of at least **$14,447.49**. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election by electronic mail to Lance Kautz at Lance.Kautz@FloridaDEP.gov within 15 days of the effective date of this Consent Order. **Notwithstanding the election to implement an in-kind project, payment of the remaining $250.00 in costs must be paid within 30 days of the effective date of the Consent Order.**

If Respondent elects to implement an in-kind project, then Respondent shall comply with all the requirements and time frames in Exhibit A entitled In-Kind Projects.

Respondent's Acceptance

If you wish to accept this offer and fully resolve this pending enforcement matter, please sign this letter and return it to the Department at 13051 North Telecom Parkway, Suite 101, Temple Terrace, FL, 33637-0926 by **December 22, 2019**. The Department will then countersign it and file it with a designated clerk of the Department. Once the document is filed with the designated clerk, it will constitute a final order of the Department pursuant to Section 120.52(7), F.S. and will be effective unless a request for an administrative hearing is filed by a third party in accordance with Chapter 120, F.S. and the attached Notice of Rights.

By accepting this offer you, Patrick Flynn:

(1) acknowledge and waive your right to an administrative hearing pursuant to Sections 120.569 and 120.57, F.S., on the terms of this offer;

(2) acknowledge and waive your right to an appeal pursuant to Section 120.68, F.S.; and

(3) acknowledge that payment of the above amount does not constitute a waiver of the Department's right, if any, to recover emergency response related costs and expenses for this matter.

The Department acknowledges that your acceptance of this offer does not constitute an admission of liability for the violation(s) referenced above.

Respondent's Performance

After signing and returning this document to the Department,

(1) Upon signing this letter, you must implement the In-kind Project in accordance with the requirements identified in the attached Exhibit. Your failure to timely start or complete the In-kind Project, or timely provide the Department with the Final Report, will cause the In-kind Project option to be forfeited and the balance of the civil penalty shall be due within 10 days of notice from the Department.

(2) If you elect to implement the In-kind project, **payment of $250 for costs and expenses must be paid within 30 days of the effective date of this Order**. If you decide **not** to implement an In-kind Project, the Respondent shall pay the full penalty amount, including costs and expenses, of $9,881.66 by **January 22, 2020**.

(3) Make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/
It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

The Department may enforce the terms of this document, once final, and seek to collect monies owed pursuant to Sections 120.69 and 403.121, F.S.

Until clerked by the Department, this letter is only a settlement offer and not a final agency action. Consequently, neither you nor any other party may request an administrative hearing to contest this letter pursuant to Chapter 120, F.S. Once this letter is clerked and becomes a final order of the Department, as explained above, the attached Notice of Rights will apply to parties, other than you, whose interests will be substantially affected.

Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

Please be aware that if you decline to respond to the Department's offer, the Department will assume that you are not interested in resolving the matter and will proceed accordingly.

If you have any questions, please contact Lance Kautz at 813-470-5903 or at Lance.Kautz@FloridaDEP.gov .

Sincerely,

Kelley M. Boatwright for:
Mary E. Yeargan, PG
District Director
Southwest District

FOR THE RESPONDENT:

I, PATRICK C FLYNN [Patrick Flynn], **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: [Signature] Date: 12/2/2019

Title: VICE PRESIDENT
[Type or Print]

FOR DEPARTMENT USE ONLY

DONE AND ORDERED this 4th day of December, 2019, in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Mary E. Yeargan

Mary E. Yeargan, PG
District Director
Southwest District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Marie Harvey — Clerk

12/5/2019 — Date

Attachments: Notice of Rights

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

Exhibit A

In-Kind Projects

I. Introduction

An in-kind project

a. Within **60 days** of the effective date of this Consent Order, Respondent shall submit, electronically or by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, electronically or by certified mail, all requested additional information, clarification, and modifications within 15 days of receipts of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new proposal within 30 days of receipt of written notice. In the event that the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in the Consent Order, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in the Consent Order, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph (a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event, Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited, and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $9,631.66 penalty, no additional penalties shall be assessed for failure to complete the requirement of this paragraph.

h. Within 15 days of completing the in-kind project, Respondent shall notify the Department, electronically or by certified mail, of the project completion and request a verification letter from the Department. Respondent shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

i. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new notification of completion within 15 days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited, and the entire amount of civil penalty shall be due from the Respondent to the

Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $9,631.66, no additional penalties shall be assessed for failure to complete the requirements of this paragraph.

MID-COUNTY
Capacity Analysis Report

Utilities, Inc.®

Prepared for:

Utilities, Inc. of Florida
Mike Wilson
200 Weathersfield Avenue
Altamonte Springs, FL 32714

Kimley»Horn

Prepared by:

Kimley-Horn and Associates, Inc.
100 Second Avenue South
St. Petersburg, FL 33701

Capacity Analysis Report

Mid-County Wastewater Treatment Plant
Pinellas County, Florida

Operating Permit Number: FL0034789
Permit Expiration Date: August 4, 2021
Report Date: January 2019

Prepared For:
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714

Prepared By:
Kimley-Horn and Associates, Inc.
100 Second Avenue South, Suite 300S
St. Petersburg, FL 33701

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CA 00000696
February 2019
St. Petersburg, Florida
140056012

Certifications

PERMITTEE:

I am fully aware and intend to comply with the recommendations and schedules included in this Capacity Analysis Report for the Mid-County WWTP, prepared by Kimley-Horn and Associates, Inc.

February 18, 2019

Date

Patrick C. Flynn
Vice President
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, Florida 32714
Phone: (407) 869-1919

PROFESSIONAL ENGINEER

The information contained in this Capacity Analysis Report for the Mid-County WWTP is true and correct to the best of my knowledge. The report was prepared in accordance with sound engineering principles and the permittee is aware of the recommendations and schedules.

02/19/19

Date

SHELBY NICHOLE HUGHES LICENSE No. 86419 STATE OF FLORIDA PROFESSIONAL ENGINEER 02/19/19

Shelby N. Hughes, P.E.
Florida Registration No. 86419
Kimley-Horn and Associates, Inc.
100 Second Avenue South, Suite 300S
St. Petersburg, FL 33701
Phone: (727) 498-3853

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INTRODUCTION

Utilities Inc. of Florida (Utilities Inc.) authorized Kimley-Horn to prepare an updated Capacity Analysis Report (CAR) for the Mid-County Wastewater Treatment Plant (Mid-County WWTP) in accordance with the Florida Department of Environmental Protection (FDEP) and Rule 62-600.405 of the Florida Administrative Code (FAC). The updated CAR is required as part of Consent Order OGC No.18-1197 issued for the Mid-County WWTP on November 19, 2018.

Utilities Inc. owns and operates the Mid-County WWTP under the existing Operating Permit No. FL0034789 (**Appendix A**) The existing operating permit will expire August 4, 2021. The Mid-County WWTP is permitted for an annual average daily flow (AADF) of 0.9 million gallons per day (MGD).

EXISTING CONDITONS

The Mid-County WWTP is located at 2999 Spanish Vista Drive, Dunedin, FL. The facility treats wastewater from a service area consisting of primarily commercial, single and multi-family residential properties along US 19 from SR 580 to the intersection of CR 39 and CR 95. An exhibit of the Mid-County Service Area showing the sanitary sewer system is included in **Appendix B.** The sanitary sewer system owned and operated by private utility owners and Utilities Inc. that discharges to the Mid-County WWTP includes:

- (23) lift stations
- (5.56) miles of 2,4,6 and 8-inch force main
- (34.2) miles of 6 and 8-inch gravity main
- Approximately 2,758 wastewater connections

Facility Description

As stated previously, the Mid-County WWTP is currently permitted for 0.90 MGD AADF. The facility is permitted to discharge 0.90 MGD AADF into Curlew Creek (WBID 1538A), a Class III Fresh Water body. The Mid-County WWTP is a Type 1, advanced wastewater treatment facility with high level disinfection. The facility consists of following components:

- Static screen
- (1) 200,000-gallon surge tank
- (1) flow splitter box
- (1) 0.30 MGD treatment train:
    - 349,000 gallons of aeration
    - (1) 92,000-gallon clarifier
- (1) 0.60 MGD treatment train:
    - 600,000 gallons of aeration
    - (1) 98,000-gallon clarifier
- (4) 5,000-gallon clarified effluent dosing tanks
- (3) Denitrification filters (367 square feet of total surface area)
- (1) 16,000-gallon filtered effluent holding tank

- (1) 37,400-gallon disinfection tank:
  - 34,000-gallon chlorine contact chamber
  - 3,400-gallon de-chlorination chamber
- (1) 41,000-gallon sludge holding tank
- (1) 43,500-gallon sludge holding tank
- (1) 37,400-gallon sludge dewatering box

The schematic process flow diagram of the Mid-County WWTP is shown in **Appendix C** below.

Historical Flows

Utilities Inc provided the Mid-County WWTP Daily Monitoring Reports (DMRs) which are self-monitoring reports as required by FDEP. See **Appendix E** for the DMR Data Summary from January 2011 to October 2018. The DMR data includes the following flow scenarios for the respective reporting period:

- Monthly average daily flows (January 2011 – October 2018)
- Three-month average daily flows (January 2011 – October 2018)
- Annual average daily flows (January 2011 – October 2018)

The DMR flow data is collected using the onsite effluent ultrasonic flow meter located before the discharge to Curlew Creek. The onsite flow meter was most recently calibrated on January 9, 2019 by plant operations staff. Operations staff has indicated the onsite flow meter used for populating the DMR's was calibrated in January 2019.

The minimum and maximum monthly average daily flows, three-month average daily flows, and annual average daily flows are summarized in **Table 1** below. The average AADF from 2011 – 2018 is approximately 0.755 MGD or 84% of the permitted capacity.

Table 1: Mid-County Historical Flow Summary

Flow Scenario	Minimum/Maximum	Flow (MGD)
Monthly Average Daily Flow	Min	0.622
	Max	1.198
Three-Month Average Daily Flow	Min	0.629
	Max	1.016
Annual Average Daily Flow	Min	0.712
	Max	0.787

The monthly average daily flow and the annual average daily flow is shown in **Figure 1** below. The facility consistently remains within its permitted capacity. The monthly ADF periodically peaks higher, generally coinciding with wet season.

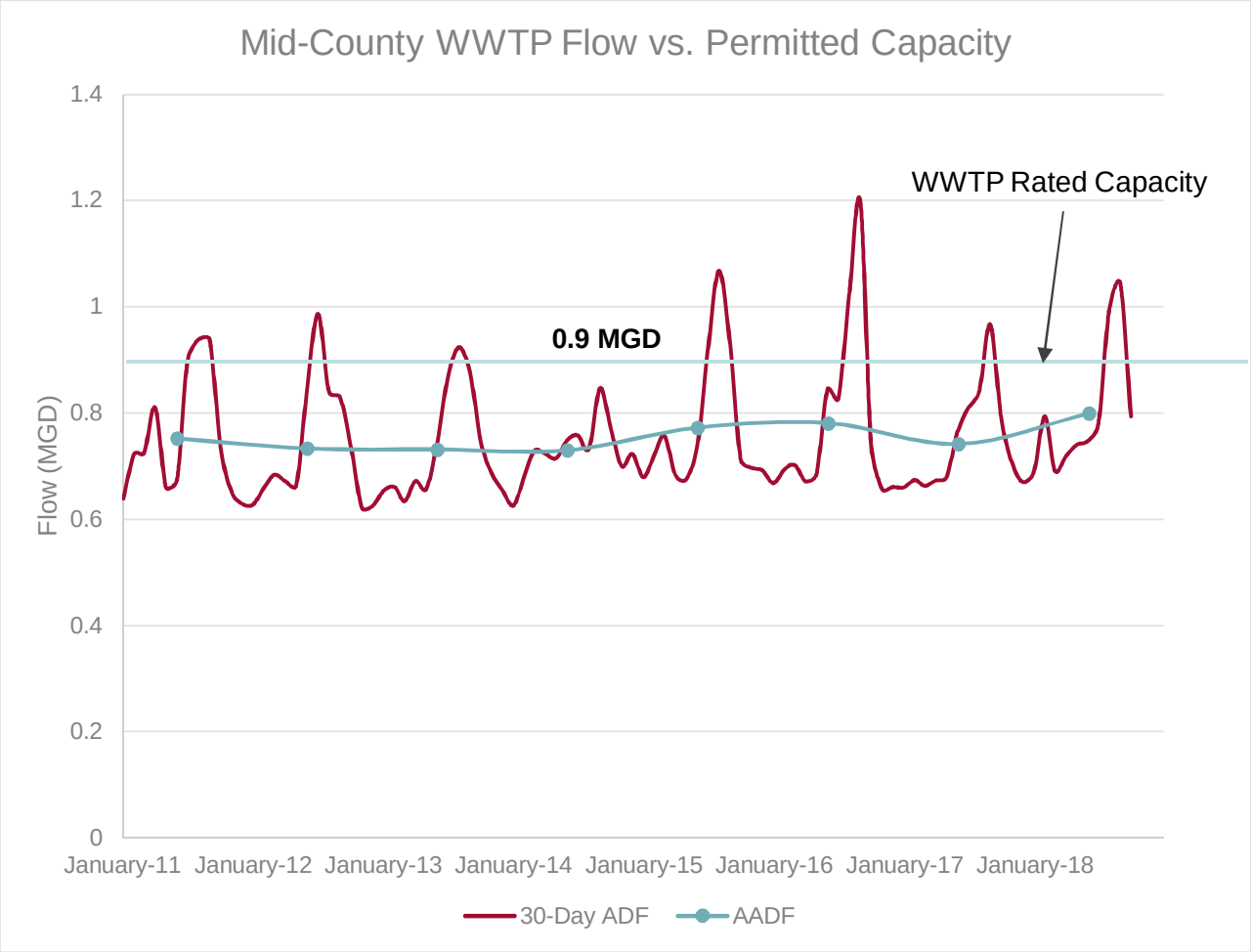

Figure 1: Mid-County WWTP 30-Day ADF/AADF Flow vs. Permitted Capacity

Seasonal Variations in Flow

The seasonal variation is shown in the 30-day average daily flow per year in **Figure 2** below.

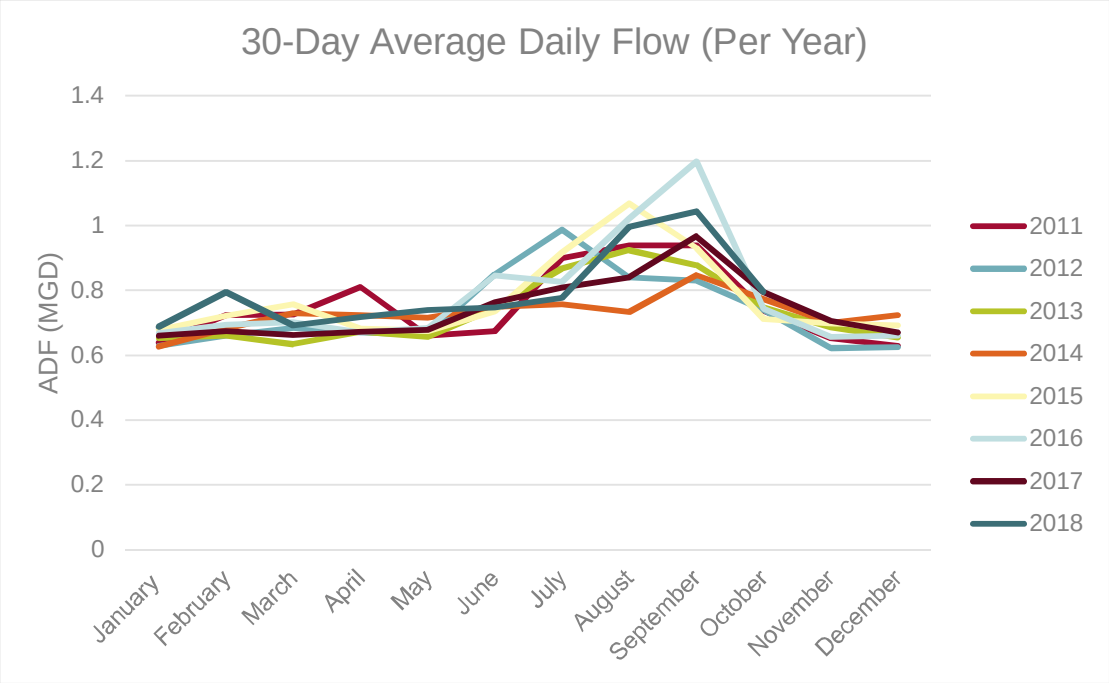

Figure 2: Mid-County WWTP 30-Day ADF Per Year

The Mid-County WWTP service area has a seasonal population that generally consists of 'snowbirds' coming to the area during the winter. While the flow in the wet weather months (June – November) is consistently higher, the baseline flow from the service area population during the dry season is higher than the baseline flows during the summer. The flow in the wet season increases due to inflow and infiltration (I&I) contributions. It should be noted that during the wet season the average flows are higher but the respective peaking hourly factor is effectively reduced. Additionally, due to the high I&I contributions the biological loading is low effectively increasing the biological treatment capacity of the existing infrastructure.

Flow and Loading Information

Operating Permit No. FL0034789 states the effluent parameters, monitoring requirements, and the associated limitations the Mid-County WWTP is required to maintain. **Table 3** summarizes the effluent limitations as stated in the operating permit.

Table 2: Permit Effluent Limitations			
Parameter	**Min/Max**	**Limitation**	**Condition**
Flow to Discharge	Max	0.9 MGD	Annual Average
BOD_5 & TSS	Max	5.0 mg/L	Annual Average
	Max	6.25 mg/L	Monthly Average
	Max	10.0 mg/L	Single Sample
Total Nitrogen	Max	3.0 mg/L	Annual Average
	Max	3.75 mg/L	Monthly Average
	Max	6.0 mg/L	Single Sample
Total Phosphorous	Max	1.0 mg/L	Annual Average
	Max	1.25 mg/L	Monthly Average
	Max	2.0 mg/L	Single Sample
pH	Min	6.0	Single Sample
	Max	8.5	Single Sample
Fecal Coliform (% less than detection)	Min	75%	Monthly Total
Fecal Coliform	Max	25 #/100mL	Single Sample
Chlorine (Total Residual for Disinfection)	Min	1.0 mg/L	Single Sample
Chlorine (Total Residual for Dechlorination)	Max	0.01 mg/L	Single Sample
Dissolved Oxygen	Min	5.0 mg/L	Single Sample

Per the operating permit, the Mid-County WWTP monitors and submits monthly effluent levels of the parameters listed above. Per the DMR data, **Table 4** summarizes the annual average effluent levels for loading parameters monitored on an annual basis. The annual average effluent results do not exceed the permitted limitations.

Table 3: Annual Average Effluent Monitoring Results								
Year	**Effluent BOD5**		**Effluent TSS**		**Total Nitrogen**		**Total Phosphorous**	
	Annual Average (mg/L)	Effluent Limitation (mg/L)	Annual Average (mg/L)	Effluent Limitation (mg/L)	Annual Average (mg/L)	Effluent Limitation (mg/L)	Annual Average (mg/L)	Effluent Limitation (mg/L)
2012	1.14	5.0	3.48	5.0	1.05	3.0	0.52	1.0
2013	1.64	5.0	0.77	5.0	0.77	3.0	0.56	1.0
2014	2.62	5.0	0.66	5.0	1.66	3.0	0.57	1.0
2015	2.76	5.0	0.73	5.0	1.79	3.0	0.47	1.0
2016	2.87	5.0	0.70	5.0	1.66	3.0	0.49	1.0
2017	3.09	5.0	1.21	5.0	1.95	3.0	0.41	1.0
2018 [1]	4.40	5.0	1.26	5.0	1.72	3.0	0.35	1.0

[1]2018 data shown represents January to October of 2018

The DMR Exceedances per parameter and statistical base are shown in **Table 5** below, demonstrating that the facility has operated outside of its permitted effluent limitations on several instances. The increased nutrient loading, as identified in the consent order, is partially due to the failure of the clarifier mechanism in Treatment Train # 2 in December 2017.This caused the clarifier to be taken out of service for fifteen (15) days which reduced the effective capacity of the plant to 0.30 MGD (Train # 1). Operating the plant using only Train # 1 created operational issues and overloaded the filters. This caused the plant to exceed its permitted parameters during this timeframe.

Table 4: DMR Exceedances

Date of Exceedance	Parameter	Result	Permitted Limit	Unit	Statistical Base
08/31/2018	Nitrogen, Total	2.67	2.12	ton/yr	AD – Annual Total
07/31/2018	Nitrogen, Total	2.60	2.12	ton/yr	AD – Annual Total
06/31/2018	Nitrogen, Total	2.56	2.12	ton/yr	AD – Annual Total
05/31/2018	Nitrogen, Total	2.50	2.12	ton/yr	AD – Annual Total
04/30/2018	Nitrogen, Total	2.25	2.12	ton/yr	AD – Annual Total
03/31/2018	BOD, Carbonaceous 5 day, 20C	8.53	6.25	mg/L	MK-Monthly
03/31/2018	BOD, Carbonaceous 5 day, 20C	15	10.0	mg/L	MB-Maximum
03/31/2018	Nitrogen, Total	2.14	2.12	ton/yr	AD – Annual Total
02/28/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD – Annual Total
01/31/2018	BOD, Carbonaceous 5 day, 20C	6.34	6.25	mg/L	MK-Monthly
01/31/2018	BOD, Carbonaceous 5 day, 20C	14	10.0	mg/L	MB-Maximum
01/31/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD – Annual Total
12/31/2017	Solids, Total Suspended	24	5.0	mg/L	MB-Maximum
12/31/2017	Nitrogen, Total	18	6.0	mg/L	MB-Maximum
12/31/2017	Nitrogen, Total	8.1	3.75	mg/L	MK-Monthly
12/31/2017	Coliform, Fecal	48	25.0	#/100	MB-Maximum
12/31/2017	Nitrogen, Total	2.17	2.12	ton/yr	AD – Annual Total
11/30/2017	BOD, Carbonaceous 5 day, 20C	19	10.0	mg/L	MB-Maximum
11/30/2017	BOD, Carbonaceous 5 day, 20C	7.8	6.25	mg/L	MK-Monthly
07/31/2017	Solids, Total Suspended	18	5.0	mg/L	MB-Maximum
06/30/2017	Solids, Total Suspended	18	5.0	mg/L	MB-Maximum
05/31/2017	Solids, Total Suspended	9.2	5.0	mg/L	MB-Maximum
10/31/2016	Coliform, Fecal	32	25.0	#/100	MB-Maximum
07/31/2016	Coliform, Fecal	58	25.0	#/100	MB-Maximum

03/31/2016	Nitrogen, Total	9.6	6.0	mg/L	MB-Maximum
03/31/2016	Nitrogen, Total	4.5	3.75	mg/L	MK-Monthly
08/31/2015	Solids, Total Suspended	6.2	5.0	mg/L	MB-Maximum

Due to these exceedances, FDEP issued a consent order (No. 18-1197), dated November 2018, for the Mid-County WWTP. The consent order identifies the exceedances shown above. The consent order sets additional effluent monitoring requirements and limitations, summarized in **Table 6.** The effluent parameters not listed in the table must continue to comply with the effluent limitations in the existing permit (**Table 3**).

Table 5: Interim Monitoring Limits

Parameter	Interim Limit	Units	Statistical Base
Nitrogen, Total	2.75	ton/yr	AD - Annual Total
Nitrogen, Total	20	mg/L	MB - Maximum
Nitrogen, Total	10	mg/L	MK - Monthly
BOD, Carbonaceous 5 day,	20	mg/L	MB - Maximum
BOD, Carbonaceous 5 day,	10	mg/L	MK - Monthly

FUTURE CONDITIONS

As stated previously, the Mid-County WWTP serves approximately 1,600 acres of commercial, single, and multi-family residential properties with approximately 2,758 wastewater connections within unincorporated Pinellas County.

Based on the Pinellas County tax parcel data there are a total of 2,847 tax parcels within the service area. According to the existing land use parcel data, approximately 89 parcels (3%) are vacant. This indicates that the Mid-County service area is nearly built-out. The Pinellas County Comprehensive Plan, dated November 22, 2016, details the future land use of the Mid-County service area. A review of the both the existing zoning and the future land use maps shows that anticipated rezoning will not have a significant impact on the Mid-County WWTP future flows. See **Appendix D** for the Mid-County Zoning and Future Land Use Map.

As previously stated, the Mid-County WWTP experiences seasonal variations in flow due to I&I within the wastewater collection system. Utilities Inc. is actively investigating I&I sources and is evaluating improvements to reduce overall plant flows through I&I abatement. The future average daily flow is not anticipated to increase significantly.

SUMMARY AND RECOMMENDATIONS

The Mid-County WWTP operating permit currently allows the facility to treat and discharge 0.90 MGD AADF to Curlew Creek. As stated previously, the facility has not exceeded this permitted level based on data from December 2011 – October 2018. While the Mid-County WWTP is averaging 84% of the permitted capacity, the Mid-County service area is nearing buildout with few connections anticipated in the next ten years. Additionally, Utilities Inc. is investigating sources of I&I and implementing a rehabilitation program for I&I reduction.

To address the nutrient exceedances identified in the consent order, Utilities Inc. is in the process of evaluating the existing facility for improvements to increase plant reliability. A site visit and plant evaluation was conducted on December 3, 2018 with Kimley-Horn, plant operators, and additional Utilities Inc. staff. As part of the consent order, Kimley-Horn will develop a Preliminary Design Report identifying plant modifications and improvements.

APPENDICES

APPENDIX A: Mid-County WWTP Operating Permit No. FL0034789-013-DW1P/NR

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

In the Matter of an
Application for Permit by:

Mid-County Services Inc
Mr. Patrick C. Flynn, Vice President of Operations
200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027
pcflynn@uiwater.com

File Number FL0034789-013-DW1P
Pinellas County
Mid-County WWTP

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0034789 to operate the Mid-County WWTP, issued under Chapter 403, Florida Statutes.

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.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

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

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

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

also allows that any person who has asked the Department in writing for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

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

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
(c) A statement of when and how the petitioner received notice of the Department's decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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

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

This permit action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for an extension of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for an extension of time), this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in Temple Terrace, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Pamala Vazquez
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.

[Clerk] **[Date]** July 11, 2016

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on July 11, 2016 to the listed persons.

Name

Date: July 11, 2016

Copies furnished to:

Julian R. Coto, P.E., Excel Engineering Consultant, LLC. Julian@Excelengineers.com
EPA Region IV - Water Management, r4npdespermits@epa.gov
Monica Sudano, FDEP Tallahassee, Monica.Sudano@dep.state.fl.us
Michelle Holton, FDEP SWD, Michelle.Holton@dep.state.fl.us
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Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Mid-County Services, Inc.

RESPONSIBLE OFFICIAL:
Mr. Patrick C. Flynn, Vice President of Operations
200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027
(407) 869-1919
pcflynn@uiwater.com

PERMIT NUMBER: FL0034789 (Minor)
FILE NUMBER: FL0034789-013-DW1P/NR
EFFECTIVE DATE: August 5, 2016
EXPIRATION DATE: August 4, 2021

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. PERMIT NUMBER: FL0034789-013-DW1P/NR
FACILITY: Mid-County WWTP

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 28º 02' 18" N, longitude 82 º 44' 32" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 20 of this permit.

PERMITTEE: Mid-County Services, Inc. PERMIT NUMBER: FL0034789-013-DW1P/NR
FACILITY: Mid-County WWTP

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:

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
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	EFB-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	

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FACILITY: Mid-County WWTP

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrogen, Total	ton/mth	Max	Report	Monthly Total	Monthly	Calculated	EFD-01	See I.A.7
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

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:

Monthly Total (Mt)
$Mt_n = \frac{\text{(Monthly Average Total Nitrogen Concentration, mg/l)(Total Monthly Flow, MG)(8.3454)}}{\text{2000 lbs}}$
Mt_n = 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.

Annual Total (At)*
Annual Total at the end of the n^{th} Month: $At = Mt_{n-11} + Mt_{n-10} \ldots Mt_n$

*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.

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, $CBOD_5$, 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, $CBOD_5$, 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.:

			Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
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	SeeI.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:

   a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

   b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and

   c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

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

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

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

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	28th 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
[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.

			Biosolids Limitations		Monitoring Requirements		
Parameter	Units	Max/Min	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 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 $40^{o}C$ 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.

    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 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.

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

Pamala Vazquez
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

FACT SHEET
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FL0034789-013 (Minor)

FACILITY NAME: Mid-County WWTP

FACILITY LOCATION: 2299 Spanish Vista Drive, Dunedin, FL 34698-9438
Pinellas County

NAME OF PERMITTEE: Mid-County Services, Inc.

PERMIT WRITER: Astrid Flores Thiebaud/ Sylvia Deputy

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FL0034789-013-DW1P/NR

Application Submittal Date: January 19, 2016

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	0.9 mgd Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	0 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	0.9 mgd Annual Average Daily Flow

d. Description of 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.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

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 28º 02' 18" N, longitude 82º 44' 32" W.

2. SUMMARY OF SURFACE WATER DISCHARGE

a. This facility does not have a new or expanded discharge to surface waters.
b. The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.
c. The following exceedances were noted during the previous permit cycle:

Date	Parameters	Value	Limit	Units
4/30/2012	Chlorine, Total Residual (min)	0.6	1.0	mg/L
2/29/2012	Chlorine, Total Residual (min)	0.6	1.0	mg/L
10/31/2012	Coliform, Fecal	56	25	#/100mL
4/30/2015	IC25 Statre 7day Chr Ceriodaphnia	<100	100	percent
4/30/2015	IC25 Statre 7Day Chr Pimephales	<100	100	percent
12/31/2014	Nitrogen, Total	17	6.0	mg/L
12/31/2014	Nitrogen, Total	5.2	3.75	mg/L
8/31/2015	Solids, Total Suspended	6.2	5.0	mg/L
2/28/2013	Solids, Total Suspended	5.4	5.0	mg/L

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

a. This facility is authorized to discharge effluent from Outfall D-001 to Curlew Creek WBID 1538A then WBID 1528C of Clearwater Harbor (north) based on the following:

Parameter	Units	Max /Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	0.90	Annual Average	62-600.660(1), FAC
Flow	MGD	Max	Report	Monthly Average	62-600.660(1), FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	5.0	Annual Average	403.086(4)(a)1. FS & 62-600.740(2)(b)1. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	6.25	Monthly Average	62-600.740(2)(b)2. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	10.0	Single Sample	62-600.740(2)(b)4. FAC
Solids, Total Suspended	mg/L	Max	5.0	Annual Average	403.086(4)(a)2 . FS & 62-600.740(2)(b)1. FAC
Solids, Total Suspended	mg/L	Max	6.25	Monthly Average	62-600.740(2)(b)2. FAC

Parameter	Units	Max /Min	Limit	Statistical Basis	Rationale
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	62-600.740(2)(b)4. FAC
Solids, Total Suspended (Influent)	mg/L	Max	5.0	Single Sample	62-600.440(6)(a)3. FAC
Nitrogen, Total	mg/L	Max	3.0	Annual Average	403.086(4)(a)3. FS & 62-600.740(2)(b)1. FAC
Nitrogen, Total	mg/L	Max	3.75	Monthly Average	62-600.740(2)(b)2. FAC
Nitrogen, Total	mg/L	Max	6.0	Single Sample	62-600.740(2)(b)4. FAC
Phosphorus, Total (as P)	mg/L	Max	1.0	Annual Average	403.086(4)(a)4. FS & 62-600.740(2)(b)1. FAC
Phosphorus, Total (as P)	mg/L	Max	1.25	Monthly Average	62-600.740(2)(b)2. FAC
Phosphorus, Total (as P)	mg/L	Max	2.0	Single Sample	62-600.740(2)(b)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC & 62-302.530 FAC
pH	s.u.	Max	8.5	Single Sample	62-600.445 FAC & 62-302.530 FAC
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	62-600.440(6)(a)1. FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-600.440(6)(a)2. FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(6)(b) FAC
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	62-600.440(2) & 62-302.530(18) FAC
Oxygen, Dissolved (DO)	mg/L	Min	5.00	Single Sample	62-302.533 FAC
Nitrogen, Total	ton/mth	Max	Report	Monthly Total	62-304.645(13)(a) FAC
Nitrogen, Total	ton/yr	Max	2.12	Annual Total	62-304.645(13)(a) FAC
Chronic Whole Effluent Toxicity, 7-Day IC25 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	62-302.530(20) & (61) FAC and 62-4.241(1)(b) FAC
Chronic Whole Effluent Toxicity, 7-Day IC25 (Pimephales promelas)	percent	Min	100	Single Sample	62-302.530(20) & (61) FAC and 62-4.241(1)(b)

1) Effluent limitations are based on a Level I WQBEL developed by District staff and available in the District permit files. Additionally, effluent limitations are based on Rule 62-302, F.A.C.-Class III Fresh Standards, Rule 62-600, F.A.C. and 403.086, F.S

2) This facility has provided reasonable assurance that the discharge will not adversely affect the designated use of the receiving water. Fifth year inspection data, as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards.

3) There is a final TMDL for WBID 1538A, Curlew Creek for Fecal Coliform. The TMDL requires the continued attainment of current permit limits.

4) There is a final TMDL for WBID 1538, Curlew Creek Tidal Segment for Dissolved Oxygen, Nutrients (Chlorophyll-a) The TMDL requires the continued attainment of current permit limits. Based on the median TN/TP ratio of 8, total nitrogen is the limiting nutrient. The Wasteload Allocation (WLA) for wastewater point sources for the Mid-County Wastewater Treatment Plant is 4,245 lb/year (2.12 Ton/year) of TN. This TN loading limitation has been added to the permit.

5) The permit requires sampling for total nitrogen and total phosphorus, with permit limits that are established by Florida Statute (403.086, F.S.) and Rule 62-600.740, F.A.C. Total nitrogen and total phosphorus concentration limits remain the same as in the previous permit. There is no increase in permitted surface water discharge capacity for this facility, therefore no increase in nutrient loading is anticipated. The numeric nutrient criteria has been established through the continuation of the concentration limits and the addition of the TN loading

limit established by the TMDL for Curlew Creek WBID 1538. These numeric nutrient limits are sufficient to meet the requirements of Rule 62-302.53, F.A.C.

6) According with Rule 62-600.420, F.A.C., all domestic wastewater facilities are required, at a minimum, to provide secondary treatment of wastewater. New facilities and modifications of existing facilities shall be designed to achieve an effluent after disinfection containing not more than 20 mg/L CBOD5 and 20 mg/L TSS, or 90% removal of each of these pollutants from the wastewater influent, whichever is more stringent. All facilities shall be operated to achieve, at a minimum, the specified effluent limitations (20 mg/L). This facility has continuously met the limits specified in condition I.A.1 of the permit which is the most stringent.

7) There is a statewide TMDL for mercury. This facility is not considered a source of mercury, therefore a mercury minimization plan is not required.

8) This facility is required to conduct chronic toxicity testing of surface water discharges as required in the previous permit. There is a history of passing toxicity tests at this facility.

b. Other Limitations and Monitoring Requirements:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	0.9	Annual Average	62-600.700(2) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2) FAC
Flow	MGD	Max	Report	3-Month Rolling Average	62-600.700(2) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405 FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Monthly Average	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Monthly Average	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-4.070 FAC (BPJ)
Sampling Locations	-	-	-	All Parameters	62-600.660 FAC & 62-699 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FL0034789-012-DW1P expires on August 4, 2016.

The TN loading limitation has been added to the permit for the finalized TMDL in Curlew Creek.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to BTF or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency		All Parameters			62-640.650(5)(a) FAC

6. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

7. PERMIT SCHEDULES

Permit renewal information is contained in the permit schedules.

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO and this facility has not entered into a CO with the Department.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 14. Copies will be provided at a minimal charge per page.

12. CHANGES FROM DRAFT TO FINAL PERMIT

On April 11, 2016, Mid-County Services, Inc. requested a reduction in staffing requirements to 8 hours/day for 7 days/week as specified in Rule 62-699.200(8) and 62-699.311(5)(a)2., FAC. The Department approved the reduction in staffing requirements based on the following:

1. This is an existing domestic wastewater plant that have been in compliance with applicable water quality standards and operation and maintenance requirements for the past year.
2. The facility has a SCADA system as defined in Rule 62-699.200(8), FAC, designed to monitor the various processes and transfer that information electronically to a centrally located monitoring station. This system qualifies as an electronic surveillance system.

The facility description was edited for accuracy.

The DMR reporting information was edited to reflect the new e-reporting requirements, effective December 21, 2016.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft Permit and Public Notice to Applicant	March 16, 2016
Public Comment Period	Beginning: June 8, 2016 Ending: July 8, 2016
Notice of Permit Issuance	July 11, 2016

14. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Astrid Flores Thiebaud
Engineer IV
Southwest District Office
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926
Telephone No.: (813) 470-5760

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027

FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive
Dunedin, FL 34698-9438

COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR

LIMIT: Final
CLASS SIZE: MI
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Discharge of treated effluent., with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.90 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFD-01	Permit Requirement					3.0 (An.Avg.)		mg/L		Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-01	Permit Requirement					3.75 (Mo.Avg.)	6.0 (Max.)	mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFD-01	Permit Requirement					1.0 (An.Avg.)		mg/L		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-01	Permit Requirement					1.25 (Mo.Avg.)	2.0 (Max.)	mg/L		Weekly	16-hr FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		Monthly	Calculated
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		5 Days/Week	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-01	Permit Requirement						0.01 (Max.)	mg/L		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-01	Permit Requirement				5.00 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFD-01	Permit Requirement		Report (Mo.Total)	ton/mth						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-01	Permit Requirement		2.12 (An.Total)	ton/yr						Monthly	Calculated
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TRP3B P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Routine)	Sample Measurement										
PARM Code TRP6C P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP

MONITORING GROUP NUMBER: D-001

PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement		0.9 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME:	Mid-County Services, Inc.	PERMIT NUMBER:	FL0034789-013-DW1P/NR		
MAILING ADDRESS:	200 Weathersfield Avenue Altamonte Springs, Florida 32714-4027	LIMIT:	Final	REPORT FREQUENCY:	Monthly
		CLASS SIZE:	MI	PROGRAM:	Domestic
FACILITY:	Mid-County WWTP	MONITORING GROUP NUMBER:	RMP-Q		
LOCATION:	2299 Spanish Vista Drive Dunedin, FL 34698-9438	MONITORING GROUP DESCRIPTION:	Biosolids Quantity		
		RE-SUBMITTED DMR: ☐			
		NO DISCHARGE FROM SITE: ☐			
COUNTY:	Pinellas	MONITORING PERIOD From:	_____ To: _____		
OFFICE:	Southwest District				

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Flow (MGD) (D-001)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	Nitrogen, Total (as N) (MG/L)	Phosphorus, Total (as P) (MG/L)	pH (Min)	pH (Max)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect.) (MG/L)	TRC (For Dechlor.) (MG/L)
Code	50050	80082	00530	00530	00600	00665	00400	00400	74055	50060	50060
Mon. Site	FLW-01	EFD-01	EFD-01	EFB-01	EFD-01	EFD-01	EFD-01	EFD-01	EFA-01	EFA-01	EFD-01
1											
2											
3											
4											
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23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Oxygen, Dissolved (DO) (MG/L)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	TSS (MG/L)							
Code	00300	50050	80082	00530							
Mon. Site	EFD-01	FLW-01	INF-01	INF-01							
1											
2											
3											
4											
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31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

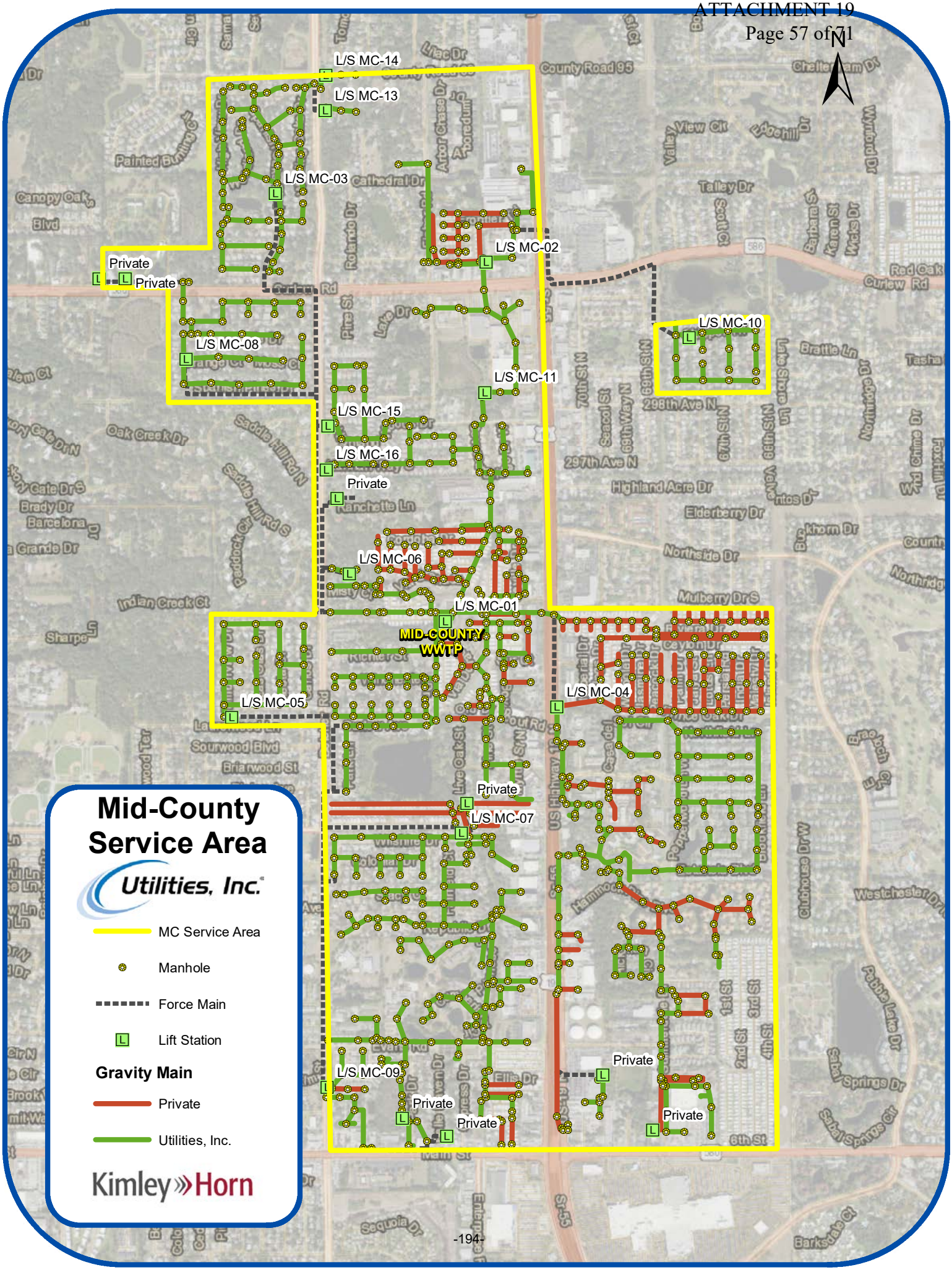
PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

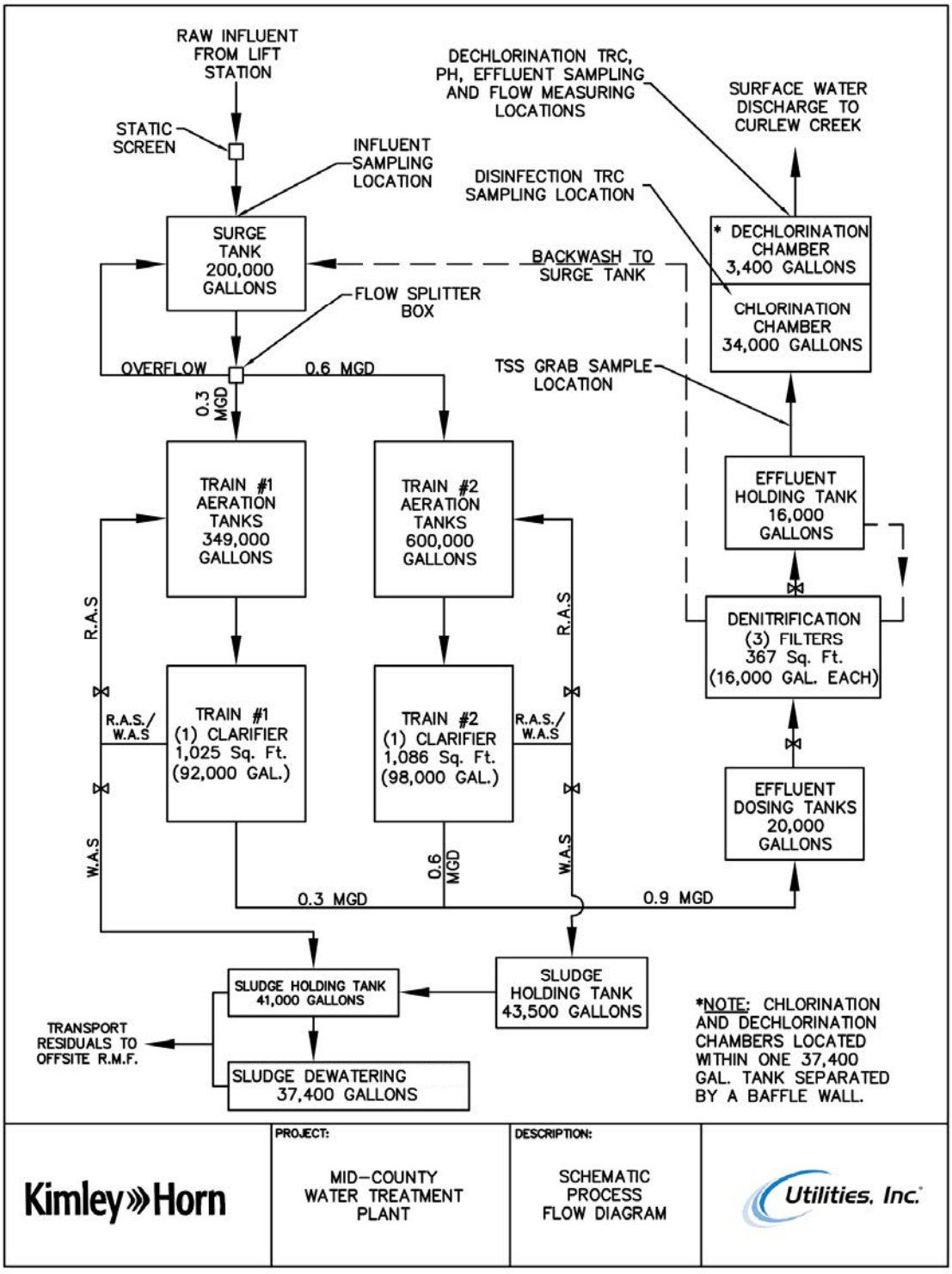
SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

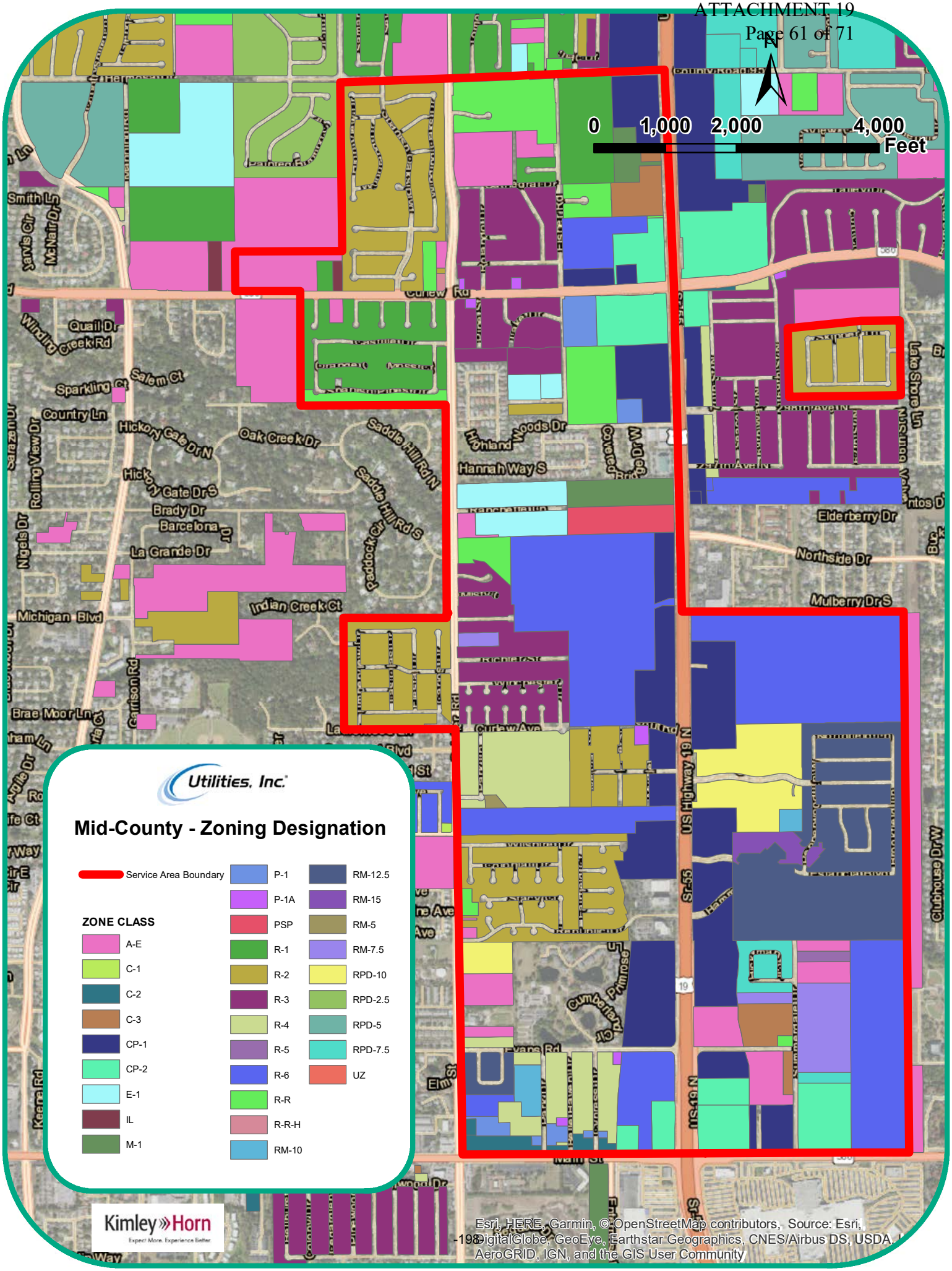
APPENDIX B: Mid-County Service Area Exhibit


L/S MC-14
L/S MC-13
L/S MC-03
L/S MC-02
Private
Private
L/S MC-08
L/S MC-10
L/S MC-11
L/S MC-15
L/S MC-16
Private
L/S MC-06
L/S MC-01
MID-COUNTY WWTP
L/S MC-05
L/S MC-04
Private
L/S MC-07
L/S MC-09
Private
Private
Private
Private
County Road 95
Curlew Rd
Cathedral Dr
Talley Dr
Red Oak
Brattle Ln
Saddle Hill Rd N
Saddle Hill Rd S
Oak Creek Dr
Brady Dr
Barcelona Dr
Indian Creek Ct
Sharpe St
Sourwood Blvd
Briarwood St
Mulberry Dr S
Northside Dr
Elderberry Dr
Highland Acre Dr
297th Ave N
298th Ave N
Live Oak St
Clubhouse Dr W
Westchester Dr
Pebble Lake Dr
Safari Springs Dr
6th St
Saguoia Dr
Barksdale Ct
Mid-County Service Area
Utilities, Inc.
MC Service Area
Manhole
Force Main
Lift Station
Gravity Main
Private
Utilities, Inc.
Kimley»Horn

APPENDIX C: Flow Schematic Diagram


RAW INFLUENT FROM LIFT STATION
STATIC SCREEN
INFLUENT SAMPLING LOCATION
DECHLORINATION TRC, PH, EFFLUENT SAMPLING AND FLOW MEASURING LOCATIONS
SURFACE WATER DISCHARGE TO CURLEW CREEK
DISINFECTION TRC SAMPLING LOCATION
SURGE TANK 200,000 GALLONS
BACKWASH TO SURGE TANK
* DECHLORINATION CHAMBER 3,400 GALLONS
CHLORINATION CHAMBER 34,000 GALLONS
FLOW SPLITTER BOX
OVERFLOW
0.6 MGD
0.3 MGD
TSS GRAB SAMPLE LOCATION
TRAIN #1 AERATION TANKS 349,000 GALLONS
TRAIN #2 AERATION TANKS 600,000 GALLONS
EFFLUENT HOLDING TANK 16,000 GALLONS
R.A.S
DENITRIFICATION (3) FILTERS 367 Sq. Ft. (16,000 GAL. EACH)
R.A.S./ W.A.S
TRAIN #1 (1) CLARIFIER 1,025 Sq. Ft. (92,000 GAL.)
TRAIN #2 (1) CLARIFIER 1,086 Sq. Ft. (98,000 GAL.)
EFFLUENT DOSING TANKS 20,000 GALLONS
W.A.S
0.6 MGD
0.3 MGD
0.9 MGD
SLUDGE HOLDING TANK 41,000 GALLONS
SLUDGE HOLDING TANK 43,500 GALLONS
TRANSPORT RESIDUALS TO OFFSITE R.M.F.
SLUDGE DEWATERING 37,400 GALLONS
*NOTE: CHLORINATION AND DECHLORINATION CHAMBERS LOCATED WITHIN ONE 37,400 GAL. TANK SEPARATED BY A BAFFLE WALL.
Kimley»Horn
PROJECT:
MID-COUNTY WATER TREATMENT PLANT
DESCRIPTION:
SCHEMATIC PROCESS FLOW DIAGRAM
Utilities, Inc.

APPENDIX D: Mid-County Zoning and Future Land Use Map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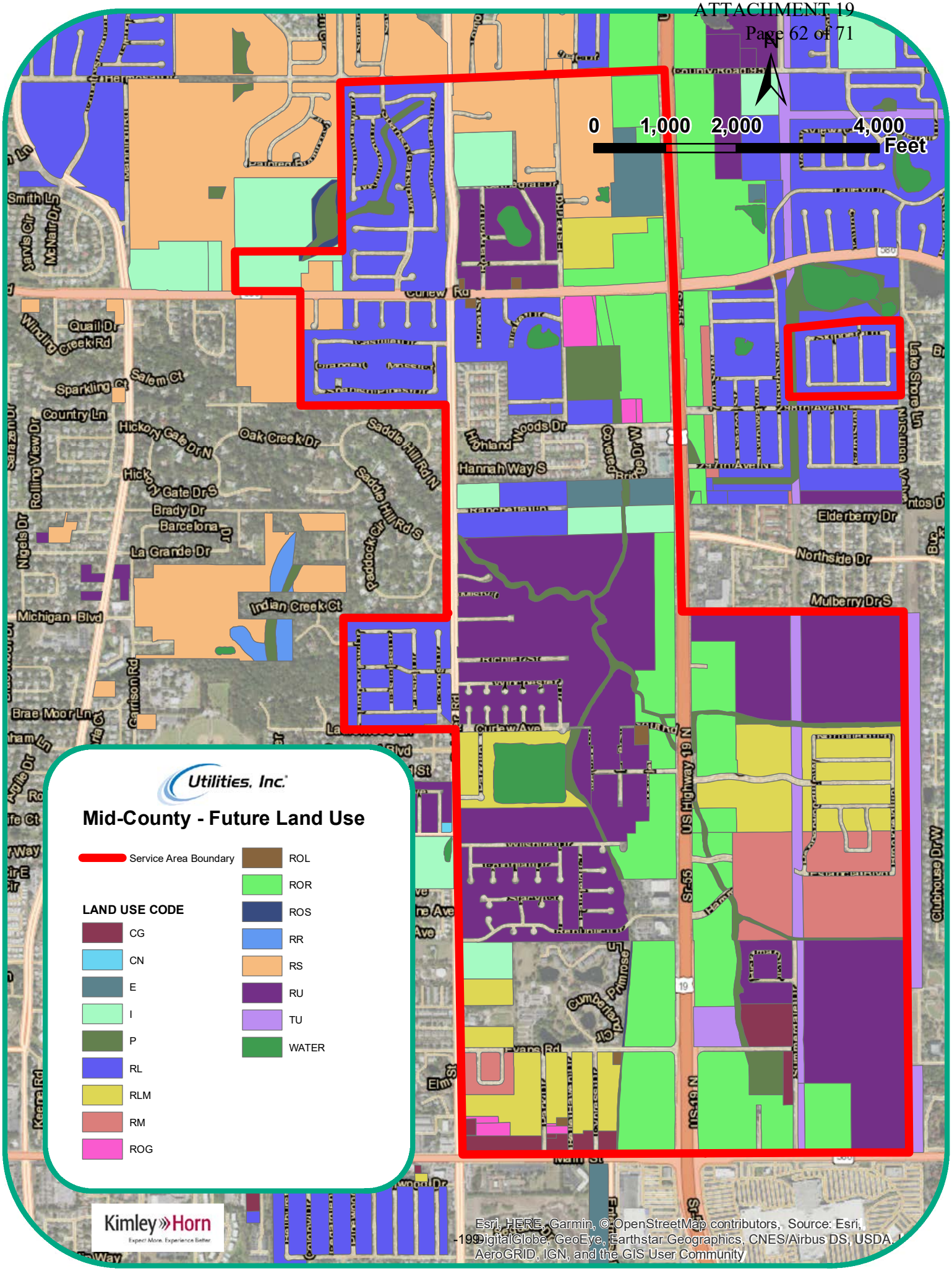
2,000
4,000
Feet
Utilities, Inc.
Mid-County - Zoning Designation
Service Area Boundary
ZONE CLASS
A-E
C-1
C-2
C-3
CP-1
CP-2
E-1
IL
M-1
P-1
P-1A
PSP
R-1
R-2
R-3
R-4
R-5
R-6
R-R
R-R-H
RM-10
RM-12.5
RM-15
RM-5
RM-7.5
RPD-10
RPD-2.5
RPD-5
RPD-7.5
UZ
Curlew Rd
Quail Dr
Winding Creek Rd
Salem Ct
Sparkling Ct
Country Ln
Hickory Gate Dr N
Oak Creek Dr
Saddle Hill Rd N
Hickory Gate Dr S
Saddle Hill Rd S
Brady Dr
Barcelona Dr
La Grande Dr
Paddock Ct
Indian Creek Ct
Michigan Blvd
Garrison Rd
Brae Moor Ln
Curlew Ave
Highland Woods Dr
Hannah Way S
Elderberry Dr
Northside Dr
Mulberry Dr S
US Highway 19 N
SR-55
Cumberland Ct
Primrose Ln
Evans Rd
Main St
Clubhouse Dr W
Kimley»Horn
Expect More. Experience Better.
Esri, HERE, Garmin, © OpenStreetMap contributors, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, and the GIS User Community


N
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4,000
Feet
Utilities, Inc.
Mid-County - Future Land Use
Service Area Boundary
LAND USE CODE
CG
CN
E
I
P
RL
RLM
RM
ROG
ROL
ROR
ROS
RR
RS
RU
TU
WATER
Kimley»Horn
Expect More. Experience Better.
Esri, HERE, Garmin, © OpenStreetMap contributors, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, and the GIS User Community

Zoning Summary

Revised 12/17/2015

This summary is provided as a convenient reference of the Zoning Code (Chapter 138). It does not contain the complete requirements of the Code and should only be used for "quick reference" only.

ZONING DISTRICTS	PERMITTED	MINIMUM LOT SIZE		MINIMUM YARD SETBACKS			MAXIMUM BUILD HEIGHT
		Area	Width x Depth	Front	Side	Rear	
A-E, Agricultural Estate Residential District (2 acre minimum)	Single family dwellings, general agricultural and livestock for Owner's use only. General agriculture if specially approved by the BCC.	2 Acres	90' x 100	50'	25'	25'	45'
E-1, Estate Residential District (3/4 acre minimum)	Single family dwellings, home occupations, accessory dwelling units, greenhouse, general agriculture and livestock for owner's use only.	32,670 sq. ft.	125' x 125'	25'	15'	20'	45'
R-R, Rural Residential District (16,000 sq. ft. minimum)	Single family dwellings, home occupations, accessory dwelling units, gardening and livestock for owner's use only.	16,000 sq. ft.	90' x 100	25'	10'	15'	45'
R-1, Single Family Residential District (9,500 sq. ft. minimum)	Single family dwellings, home occupations, accessory dwelling units	9,500 sq. ft.	80' x 90'	25'	8'	10'	45'
R-2, Single Family Residential District (7,500 sq. ft. minimum)	Single family dwellings, accessory dwellings units, home occupations	7,500 sq. ft.	70' x 80'	20'	7'	10'	45'
R-3, Single Family Residential District (6,000 sq. ft. minimum)	Single family dwellings, accessory dwellings units, home occupations	6,000 sq. ft.	60' x 80'	20'	6'	10'	45'
R-4, One, Two & Three Family Residential District	Single family, duplex, triplex dwellings, home occupations, accessory dwelling units (single family)	7,500 sq. ft.	75 x 80'	25'	7.5'	10'	45'

Zoning Summary

Revised 12/17/2015

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ZONING DISTRICTS	PERMITTED	MINIMUM LOT SIZE		MINIMUM YARD SETBACKS			MAXIMUM BUILD HEIGHT
		Area	Width x Depth	Front	Side	Rear	
R-5, Urban Residential District	Single family, duplex, triplex, townhouses, home occupations, accessory dwelling units	3,000 sq. ft. single family, N/A others	N/A	*See Code*			45'
R-6, Residential, Mobile Home Parks and Subdivisions District	Mobile home parks and mobile home subdivisions	PARKS: 15 acres - 3,500 sq. ft. per lot SUBDIV: 10 acres - 6,000 sq.ft.per lot	PARKS: 150' x 200' SUBDIV: 60' x 80'	PARKS: See Ordinance SUBDIVISION: 25'	6'	10'	PARKS: 35'
RM, Residential, Multiple Family District	Single family, duplex, triplex, multi-family dwellings, home occupations	7,500 sq. ft.	75' x 80' - EOP	25' Public ROW	7.5' for 1-family 15' for multi-family	10' for 1-family 20' for multi-family	45'
				35' Private	*See Code for additional information*		
RPD, Residential Planned Development District	Single family, multi-family, accessory uses to serve residents of the district and utilities	RPD-0.5 RPD RPD-2.5 RPD-5 RPD-7.5 RPD-10 RPD-12.5	2 acres	*See Code*			45' Single Family 70' Multi-family

Zoning Summary

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ZONING DISTRICTS	PERMITTED	MINIMUM LOT SIZE		MINIMUM YARD SETBACKS			MAXIMUM BUILD HEIGHT
		Area	Width x Depth	Front	Side	Rear	
PRR, Planned Residential Resort District	Single family dwellings, multi-family dwellings, transient guest accommodations	PRR-0.5 PRR-1 PRR-2.5 PRR-5 PRR-7.5 PRR-10 PRR-12.5	50 acres	*See Code*			35' Single Family 70' Multi-family
P-1, General Professional Office District	Offices, clinics, studios, funeral homes	6,000 sq. ft.	60' x 80'	25'	15'	15'	75' (35' when located within 50' of residential zone)
P-1A, Limited Office District	Limited office and professional uses	6,000 sq. ft.	60' x 80'	25'	20'	20'	35' (20' when abutting a single family zone)
C-1 , Neighborhood Commercial District	Retail business of neighborhood scale, personal services, service stations, uses in P-1 district	6,000 sq. ft.	60' x 80'	25'	None unless abutting residential use *(See Code)*		35'
C-2, General Retail Commercial and Limited Services District	Retail sales, bowling alleys, dry cleaners, limited auto repair , repair of household items, service stations, personal/business service uses and wholesale/dist. facilities (when located in completely encl. bldgs.), congregate care facilities	10,000 sq. ft.	80' x 100'	25'	None unless abutting residential use *(See Code)*		50' (35' when located within 50' of res zone)
C-3, Commercial, Wholesale, Warehousing & Industrial Support District	Warehousing, wholesale and professional office	12,000 sq. ft.	80' x 100'	25'	None unless abutting residential use *(See Code)*		75' (35' when located within 50' of res zone)

Zoning Summary

Revised 12/17/2015

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ZONING DISTRICTS	PERMITTED	MINIMUM LOT SIZE		MINIMUM YARD SETBACKS			MAXIMUM BUILD HEIGHT
		Area	Width x Depth	Front	Side	Rear	
CR, Commercial Recreation District	Travel trailer parks, campgrounds, marinas, golf courses, stables, parks, fish camps, utilities	1 area (upland)	150' x 200'	35'	20' *(See Code)*	20'	50'
CP, Commercial Parkway District	Residential commercial, restaurants, hotels, motels, offices, institutions, research, congregate care facility	1 acre	150' x 200'	50' fronting major arterial 25' on minor roadway 25' on side or rear			35' CP-1 50' CP-2
OPH-D, Old Palm Harbor Downtown District	*See Code*						
IPD, Industrial Planned Development District	High quality industrial parks along with accessory support services	50 acres	100' x 200'	50' arterial 25' minor street	10'	10'	75' (35' when located within 50' of residential zone)
M-1, Light Manufacturing and Industry District	Light industrial uses (See ordinance for specific industrial uses), and professional office	12,000 sq. ft.	80' x 100'	25'	10'	10'	75' (35' when located within 50' of res zone)
M-2, Heavy Manufacturing & Industry District	Public service facilities, any use in M-1, concrete plants, manufacturing plants and similar uses.	25,000 sq. ft.	100' x 200'	25'	20'	20'	100'
IL, Institutional Limited District	Churches, synagogues, public or private elementary or middle schools, libraries, day care centers, facilities for fraternal or civic organizations	1 acre	100' x 100'	25'	15'	15'	50' (35' when abutting any single family residential area)

Zoning Summary

Revised 12/17/2015

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ZONING DISTRICTS	PERMITTED	MINIMUM LOT SIZE		MINIMUM YARD SETBACKS			MAXIMUM BUILD HEIGHT
		Area	Width x Depth	Front	Side	Rear	
PSP, Public/Semi-Public District	Schools, museums, hospitals, nursing homes, government facilities	1 acre	100' x 100'	25'	20'	20'	50'
FBC, Form Based Code District	*See Code*						
AL, Aquatic Lands District	Parks and recreation areas, wildlife management, docks and piers, boating and fishing	*Subject to Site Plan Review*					
P/C, Preservation Conservation District	*See Code*	*See Code*		25'	25'	25'	35'
P-RM, Preservation Resource Management	*See Code*						
FBR, Facility-Based Rec. Dist.	Organized Field Sports, Splash Parks, Community Ctrs, Horse Stables, etc.	N/A	N/A	50'	50'	50'	35'
RBR-Resource-Based Rec. Dist.	Picnic Shelters, Fishing, Wildlife viewing, Dog Parks, Hiking & Horseback Trails, etc.	N/A	N/A	75'	75'	75'	35'
WPD, Wellhead Protection Overlay District	*See Underlying Zoning District*						
HPO-D, Historical Preservation Overlay District	*See Underlying Zoning District*						

Zoning Summary

Revised 12/17/2015

This summary is provided as a convenient reference of the Zoning Code (Chapter 138). It does not contain the complete requirements of the Code and should only be used for "quick reference" only.

ZONING DISTRICTS	PERMITTED	MINIMUM LOT SIZE		MINIMUM YARD SETBACKS			MAXIMUM BUILD HEIGHT
		Area	Width x Depth	Front	Side	Rear	
APO, Archaeological Preservation Overlay District	*See Underlying Zoning District*						
C-T, Transit Accomodation Overlay District	*See Code*						
CO, Conditional Zoning Overlay District	*See Code*						

CENDOCS.LPA.CHARTS.Zoning Summary - rev. 12.17.15

APPENDIX E: DMR Data Summary 2011-2018

Date	30 Day ADF (mgd)	3 Mo. ADF (mgd)	12 Mo. ADF (mgd)	Peak (mgd)	Weekly Influent BOD (mg/L)	Weekly Influent TSS (mg/L)	Weekly Effluent BOD (mg/L)	Weekly Effluent TSS (mg/L)	Daily Grab Effluent TSS (mg/L)	Weekly BOD Efficiency (%)	Weekly TSS Efficiency (%)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	pH Minimum (su)	pH Maximum (su)	Fecal Coliform (#/100mL)	Total Residual Chlorine (for Disinfection) (mg/L)	Total Residual Chlorine (for Declorination) (mg/L)	Dissolved Oxygen (mg/L)
Jan-11	0.639	0.629							2										
Feb-11	0.723	0.641							2										
Mar-11	0.725	0.696							3										
Apr-11	0.81	0.753							3										
May-11	0.66	0.732							2										
Jun-11	0.674	0.715							3										
Jul-11	0.899	0.744																	
Aug-11	0.939	0.837							2										
Sep-11	0.938	0.925		1.294	99	120	0.2	1	2	99.80%	99.17%	1	2.2	6.8	7.6	1	0.8	0.01	6.5
Oct-11	0.738	0.872		0.952	61	200	2	1	2	96.72%	99.50%	1.1	1.5	6.8	7.5	1	1.5	0.01	6.3
Nov-11	0.652	0.776		0.707	79	88	0.1	0.4	2	99.87%	99.55%	1.3	1.8	6.8	7.4	3	1.9	0.01	6.7
Dec-11	0.629	0.673	0.752	0.696	170	170	0.15	0.7	2	99.91%	99.59%	1.2	0.8	6.7	7.4	1	1	0.01	6.7
Jan-12	0.628	0.636	0.751	0.697	190	170	0.2	2	2.4	99.89%	98.82%	0.8	0.65	6.4	7.9	1	1.1	0.01	6.9
Feb-12	0.66	0.639	0.746	0.744	190	160	0.2	2.6	2	99.89%	98.38%	0.8	0.4	6.5	7.3	1	0.6	0.01	6.8
Mar-12	0.684	0.657	0.743	0.718	270	250	0.3	4.9	4	99.89%	98.04%	1	0.6	6	7.5	2	1.1	0.01	6.9
Apr-12	0.671	0.672	0.731	0.781	130	320	0.7	2.9	2	99.46%	99.09%	1	0.7	6.9	7.5	24	0.6	0.01	7.1
May-12	0.663	0.673	0.731	0.719	160	270	2	2	1	98.75%	99.26%	1.1	0.5	7.1	7.4	1	1.7	0.01	6.9
Jun-12	0.849	0.728	0.746	1.744	200	240	0.6	4.5	2	99.70%	98.13%	0.9	0.3	6.5	7.6	1	1.4	0.01	6.5
Jul-12	0.987	0.833	0.753	1.403	110	140	0.6	2.9	2	99.45%	97.93%	1	0.45	6.7	7.3	1	1.7	0.01	6.2
Aug-12	0.84	0.892	0.745	1.159	130	240	2	8.5	2	98.46%	96.46%	1.6	0.4	6.6	7.8	1	2.5	0.01	6.7
Sep-12	0.83	0.886	0.736	1.189	140	210	2	2	2.2	98.57%	99.05%	1.7	0.6	6.8	7.7	1	1.9	0.01	6.6
Oct-12	0.739	0.803	0.736	0.88	70	310	1.1	5.4	2.2	98.43%	98.26%	1	0.5	6.7	7.4	56	2.3	0.01	6.8
Nov-12	0.622	0.73	0.734	0.689	120	330	2	2	2	98.33%	99.39%	0.64	0.48	6.6	7.4	1	2.2	0.01	6.8
Dec-12	0.625	0.662	0.733	0.685	150	270	2	2	2.2	98.67%	99.26%	1	0.6	6.8	7.5	1	1.5	0.01	7
Jan-13	0.653	0.633	0.735	0.707	170	210	1.6	0.3	2.6	99.06%	99.86%	0.3	0.4	6.9	7.5	1	1	0.01	7.1
Feb-13	0.661	0.646	0.735	0.869	120	220	2	0.9	6.4	98.33%	99.59%	0.9	0.65	6.9	7.5	1	1.3	0.01	7.1
Mar-13	0.634	0.649	0.731	0.87	200	220	2	0.7	3.8	99.00%	99.68%	0.5	0.6	6.8	7.6	1	1.3	0.01	7.4
Apr-13	0.672	0.656	0.731	0.783	200	310	0.6	1	4.4	99.70%	99.68%	1	0.7	6.7	7.9	1	1.5	0.01	7
May-13	0.657	0.654	0.731	0.736	120	180	1.55	1	4.8	98.71%	99.44%	1.5	0.6	6.7	7.9	1	1.5	0.01	6.8
Jun-13	0.745	0.691	0.722	0.984	150	180	2	1	2.2	98.67%	99.44%	1.2	0.6	6.6	7.9	1	1.4	0.01	6.7
Jul-13	0.868	0.757	0.712	1.078	130	200	2	1	2.2	98.46%	99.50%	0.8	0.4	6.3	7.6	1	1.3	0.01	6.7
Aug-13	0.924	0.846	0.719	1.172	220	380	2	1	2.8	99.09%	99.74%	0	0.5	6.4	7.9	1	1.7	0.01	6.6
Sep-13	0.877	0.89	0.723	1.443	220	260	0.5	0.75	2.8	99.77%	99.71%	0.85	0.5	6.6	7.8	1	1.8	0.01	7
Oct-13	0.747	0.849	0.724	0.899	170	220	2	1	2	98.82%	99.55%	0.84	0.5	7.3	7.8	1	2.1	0.01	6.4
Nov-13	0.686	0.77	0.729	0.797	390	490	1.4	0.2	6	99.64%	99.96%	0.5	0.7	7.1	7.8	1	1.2	0.01	7
Dec-13	0.655	0.696	0.732	0.808	350	430	2	0.4	2.4	99.43%	99.91%	0.9	0.6	6.8	7.8	1	1.3	0.01	6.7
Jan-14	0.626	0.656	0.729	0.742	230	310	2.5	0.4	4.6	98.91%	99.87%	0.7	0.7	6.9	7.8	1	1.5	0.01	6.9
Feb-14	0.682	0.654	0.731	0.906	210	250	0.75	0.3	2	99.64%	99.88%	0.9	0.6	7.1	7.7	1	1.9	0.01	7.3
Mar-14	0.729	0.679	0.739	0.97	200	270	2	0.9	2.4	99.00%	99.67%	0.78	0.63	7	7.7	1	1.5	0.01	6.7
Apr-14	0.723	0.711	0.743	0.787	180	170	5.8	0.33	2.4	96.78%	99.81%	0.85	0.57	7	7.6	1	1.8	0.01	6.7
May-14	0.715	0.722	0.748	0.902	380	360	5.18	0.4	3.2	98.64%	99.89%	1.26	0.68	6.8	7.8	1	1.4	0.01	6.7
Jun-14	0.749	0.729	0.748	0.822	200	330	4.28	1	2.4	97.86%	99.70%	1.62	0.61	7.1	7.8	1	1.7	0.01	6
Jul-14	0.758	0.741	0.739	0.94	370	620	2.38	1	2.4	99.36%	99.84%	1.67	0.59	7.1	7.7	1	1.5	0.01	6
Aug-14	0.733	0.747	0.723	0.849	340	430	1.3	1	2	99.62%	99.77%	1.4	0.59	6.7	7.7	1	2	0.01	6.6
Sep-14	0.847	0.779	0.721	1.153	160	240	2.02	1	2.2	98.74%	99.58%	2.1	0.45	6.8	7.6	1	1.8	0.01	5.8
Oct-14	0.772	0.784	0.723	1.041	380	540	1.85	1	2	99.51%	99.81%	1.73	0.58	7	7.3	1	1.4	0.01	6.5
Nov-14	0.7	0.773	0.724	1.033	340	350	0.93	0.4	2.8	99.73%	99.89%	1.7	0.34	6.9	7.5	1	1.3	0.01	7.1
Dec-14	0.723	0.732	0.73	0.828	290	350	2.4	0.24	2.4	99.17%	99.93%	5.2	0.55	6.7	7.5	1	1.1	0.01	7
Jan-15	0.679	0.701	0.734	0.816	410	550	3.33	1	3.2	99.19%	99.82%	2.22	0.22	6.6	7.5	2	1.2	0.01	7.2
Feb-15	0.722	0.708	0.738	0.917	460	530	3.13	1	3.2	99.32%	99.81%	1.8	0.52	6.7	7.5	1	2	0.01	7.3
Mar-15	0.757	0.719	0.74	0.985	300	390	4	0.4	3.2	98.67%	99.90%	1.64	0.39	6	8.5	1	1.3	0.01	6.8
Apr-15	0.683	0.721	0.737	0.764	630	900	1.98	1	3.2	99.69%	99.89%	1.95	0.48	7.1	8	1	1.3	0.01	6.4
May-15	0.675	0.705	0.733	0.91	430	490	2.98	1	3.2	99.31%	99.80%	2.05	0.47	7	8	1	2	0.01	6.5
Jun-15	0.736	0.698	0.732	0.798	340	360	2.24	1	3.2	99.34%	99.72%	1.99	0.44	6.8	7.7	1	1.9	0.01	6.6
Jul-15	0.918	0.776	0.745	1.594	300	320	2.04	0.11	3.2	99.32%	99.97%	1.34	0.41	6.6	7.8	1	1.5	0.01	6.2
Aug-15	1.068	0.907	0.773	1.648	170	170	4.36	0.28	3.2	97.44%	99.84%	2.42	0.46	6.6	7.7	1	1.6	0.01	5.6
Sep-15	0.931	0.982	0.780	1.243	140	190	3	1		97.86%	99.47%	1.96	0.52	6.8	7.7	1	1.7	0.01	6.2
Oct-15	0.712	0.914	0.775	0.807	220	340	4	0.4	1.2	98.18%	99.88%	1.52	0.62	6.4	7.65	1	1.1	0.01	6.75
Nov-15	0.697	0.78	0.775	0.775	250	350	0.5	0.52	2.6	99.80%	99.85%	1.66	0.48	6.6	7.6	1	1.3	0.01	6.59
Dec-15	0.692	0.667	0.773	0.716	440	370	1.6	1	1.6	99.64%	99.73%	0.89	0.57	6.8	7.7	1	1.2	0.01	6.71
Jan-16	0.668	0.677	0.772	0.903	290	330	2.7	1	1	99.07%	99.70%	0.66	0.41	6.7	7.6	1	1.65	0.01	7.3
Feb-16	0.694	0.676	0.769	0.787	310	420	3.05	0.75	1.4	99.02%	99.82%	0.66	0.43	6.9	7.5	1	2.05	0.01	7.1
Mar-16	0.702	0.688	0.765	0.804	230	300	4.35	1	1.2	98.11%	99.67%	4.5	0.8	6.8	7.5	1	1.2	0.01	6.7
Apr-16	0.671	0.689	0.764	0.789	400	320	2.63	1	1.4	99.34%	99.69%	2.38	0.78	6.8	7.5	1	1.3	0.01	6.02
May-16	0.685	0.686	0.765	0.896	270	340	5.3	0.25	1.4	98.04%	99.93%	0.94	0.82	6.8	7.5	1	1.55	0.01	6.83
Jun-16	0.845	0.734	0.774	1.3	430	570	2.16	0.7	2	99.50%	99.88%	1.38	0.59	6.4	7.43	1	1.09	0.01	6.68
Jul-16	0.827	0.786	0.766	1.24	620	330	3.1	0.95	2	99.50%	99.71%	1.44	0.41	6.5	7.44	58	1.4	0.01	6.16
Aug-16	1.022	0.898	0.762	1.75	220	220	2	0.2	1.6	99.09%	99.91%	1.34	0.19	6.5	7.6	2	1.3	0.01	6.21
Sep-16	1.198	1.016	0.784	-	220	150	0.75	0.7	1.6	99.66%	99.53%	2.52	0.17	6.3	7.5	1	1.15	0.01	5.6
Oct-16	0.743	0.988	0.787	1.143	290	350	2.25	1	3	99.22%	99.71%	1.62	0.15	6.9	7.8	32	1	0.01	5.66
Nov-16	0.657	0.866	0.784	0.998	180	260	3	0.4	1.8	98.33%	99.85%	0.93	0.32	6.6	7.82	1	1.5	0.01	6.32
Dec-16	0.661	0.687	0.781	1.028	220	250	3.2	0.43	1.6	98.55%	99.83%	1.54	0.77	6.6	7.45	1	1.5	0.01	7.2
Jan-17	0.66	0.659	0.780	1.029	180	260	3.7	1	1.6	97.94%	99.62%	1.44	0.27	6.7	7.5	1	1.2	0.01	7.2
Feb-17	0.674	0.665	0.779	0.74	310	370	4.13	0.7	2.4	98.67%	99.81%	1.11	0.34	6.2	7.32	1	1.5	0.01	7.2
Mar-17	0.663	0.666	0.776	0.732	230	260	5.28	1.08	2.2	97.70%	99.58%	1.71	0.45	6.22	7.3	1	1.5	0.01	7.29
Apr-17	0.673	0.67	0.776	0.754	280	270	2.8	1.9	1.6	99.00%	99.30%	0.8	0.56	6.6	7.2	1	1.4	0.01	6.92

Date	30 Day ADF (mgd)	3 Mo. ADF (mgd)	12 Mo. ADF (mgd)	Peak (mgd)	Weekly Influent BOD (mg/L)	Weekly Influent TSS (mg/L)	Weekly Effluent BOD (mg/L)	Weekly Effluent TSS (mg/L)	Daily Grab Effluent TSS (mg/L)	Weekly BOD Efficiency (%)	Weekly TSS Efficiency (%)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	pH Minimum (su)	pH Maximum (su)	Fecal Coliform (#/100mL)	Total Residual Chlorine (for Disinfection) (mg/L)	Total Residual Chlorine (for Declorination) (mg/L)	Dissolved Oxygen (mg/L)
May-17	0.679	0.671	0.775	0.746	210	170	2.15	1.48	9.2	98.98%	99.13%	0.86	0.43	6.4	7.6	1	1.4	0.01	6.5
Jun-17	0.764	0.705	0.768	0.853	430	410	0.84	1.48	18	99.80%	99.64%	0.9	0.58	6.76	7.6	1	1.55	0.01	6.65
Jul-17	0.809	0.751	0.767	0.942	160	170	2.7	0.84	18	98.31%	99.51%	1.39	0.34	6.57	7.7	1	1.3	0.01	5.86
Aug-17	0.841	0.805	0.752	1.155	360	450	2.43	0.8	1.5	99.33%	99.82%	1.52	0.24	6.7	7.6	1	1.5	0.01	6.08
Sep-17	0.967	0.872	0.733	1.287	320	810	2.38	0.6	2	99.26%	99.93%	1.08	0.27	6.49	7.92	1	2	0.01	5.37
Oct-17	0.794	0.867	0.737	0.937	270	280	2.1	0.8	0.9	99.22%	99.71%	2.95	0.31	6.73	7.98	1	1	0.01	6
Nov-17	0.706	0.822	0.741	0.75	140	690	7.8	1.5	1.8	94.43%	99.78%	1.55	0.63	6.96	7.9	1	1.75	0.01	6.1
Dec-17	0.67	0.723	0.742	0.848	880	6100	0.8	2.3	24	99.91%	99.96%	8.1	0.46	7	7.81	48	1.75	0.01	5.8
Jan-18	0.688	0.688	0.744	0.926	290	510	6.34	1.16	4.2	97.81%	99.77%	1.79	0.28	7.08	7.71	1	1.5	0.01	7
Feb-18	0.794	0.717	0.754	0.96	200	300	4.88	1.6	2.2	97.56%	99.47%	0.91	0.45	6.9	7.87	1	1.1	0.01	5.5
Mar-18	0.692	0.725	0.756	0.764	270	180	8.53	1.2	2.2	96.84%	99.33%	0.92	0.51	6.99	7.6	1	1.8	0.01	6.7
Apr-18	0.718	0.735	0.760	0.833	140	170	1.75	0.5	3.6	98.75%	99.71%	1.98	0.33	6.2	7.75	1	1.3	0.01	6.8
May-18	0.74	0.717	0.765	0.9	240	260	4.82	1.48	1.55	97.99%	99.43%	3.48	0.1	6.92	7.36	1	2.2	0.01	6.84
Jun-18	0.747	0.735	0.764	0.821	220	1000	4.30	2.00	1.70	98.05%	99.80%	1.56	0.62	7.04	7.42	1	2.1	0.01	6.92
Jul-18	0.777	0.755	0.761	0.867	230	320	4.40	1.70	1.33	98.09%	99.47%	1.78	0.34	7.17	7.48	1	2.3	0.01	6.73
Aug-18	0.995	0.840	0.774	1.546	180	250	3.30	1.00	1.47	98.17%	99.60%	1.86	0.06	6.72	7.20	1	2.3	0.01	6.75
Sep-18	1.044	0.939	0.780	1.442	61	100	2.48	1.00	1.15	95.94%	99.00%	1.48	0.10	6.69	7.22	1	2.3	0.01	6.90
Oct-18	0.794	0.944	0.780	0.898	120	240	3.17	1.00	1.20	97.36%	99.58%	1.44	0.71	7.13	7.48	1	2.0	0.01	6.84

MID-COUNTY
Preliminary Design Report

Prepared for:

Utilities, Inc. of Florida
Mike Wilson
200 Weathersfield Avenue
Altamonte Springs, FL 32714

Prepared by:

Kimley-Horn and Associates, Inc.
100 Second Avenue South
St. Petersburg, FL 33701

Preliminary Design Report

Mid-County Wastewater Treatment Plant
Pinellas County, Florida

Operating Permit Number: FL0034789
Permit Expiration Date: August 4, 2021
Report Date: February 2019

Prepared For:
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714

Prepared By:
Kimley-Horn and Associates, Inc.
100 Second Avenue South, Suite 300S
St. Petersburg, FL 33701

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CA 00000696
February 2019
St. Petersburg, Florida
140056012

Certifications

PERMITTEE:

I am fully aware and intend to comply with the recommendations and schedules included in this Preliminary Design Report for the Mid-County WWTP, prepared by Kimley-Horn and Associates, Inc.

February 18, 2019

Date

Patrick C. Flynn
Vice President
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, Florida 32714
Phone: (407) 869-1919

PROFESSIONAL ENGINEER

The information contained in this Preliminary Design Report for the Mid-County WWTP is true and correct to the best of my knowledge. The report was prepared in accordance with sound engineering principles and the permittee is aware of the recommendations and schedules.

02/19/19

Date

SHELBY NICHOLE HUGHES LICENSE No. 86419 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/19/19

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INTRODUCTION

Kimley-Horn and Associates, Inc. (Kimley-Horn) was authorized by Utilities Inc. of Florida (Utilities Inc.) to prepare a Preliminary Design Report (PDR) for the Mid-County Wastewater Treatment Plant (Mid-County WWTP). This PDR is required as part of Consent Order OGC No.18-1197 (**Appendix A**) issued by the Florida Department of Environmental Protection (FDEP) for the Mid-County WWTP on November 19, 2018. This PDR will evaluate the facility in accordance with the FDEP Requirements and Rule 62-620 of the Florida Administrative Code (FAC), including the effluent disposal method system and associated collection systems contributing to the causes of the noncompliance.

The Mid-County WWTP is an extended aeration, Type I facility that operates under the existing Operating Permit No. FL0034789 (**Appendix B**). The operating permit will expire August 4, 2021. The Mid-County WWTP is permitted for an annual average daily flow (AADF) of 0.90 million gallons per day (MGD).

BACKGROUND

Existing Service Area

The Mid-County WWTP service area consists of approximately 2,758 wastewater connections of commercial, single, and multi-family residential properties along US 19 from SR 580 to the intersection of CR 39 and CR 95. The facilities and linear assets owned and operated by Utilities Inc. and various private utility owners include:

- (23) lift stations
- (5.56) miles of 2,4,6 and 8-inch force main
- (34.2) miles of 6 and 8-inch gravity mains

The existing Mid-County WWTP service area is shown in **Appendix C**. The existing gravity collection system built in the 1970's, is primarily vitrified clay pipe (VCP), and experiences high levels of inflow and infiltration (I&I). The Mid-County I&I Analysis, completed December 2018, concluded that I&I is prevalent throughout the Mid-County system and that peak flow events directly correlate to wet weather conditions and rain events.

Existing Facility

The Mid-County WWTP is located at 2299 Spanish Vista Drive, Dunedin, FL. The facility is owned and operated by Utilities Inc. as a Type I, advanced wastewater treatment facility with high level disinfection. Treated effluent is discharged to Curlew Creek (WBID 15384), a Class III fresh water body. The Mid-County WWTP consists of the following components:

- Static screen
- (1) 200,000-gallon surge tank
- (1) flow splitter box
- (1) 0.30 MGD treatment train:
    - 349,000 gallons of aeration
    - (1) 92,000-gallon clarifier

- (1) 0.60 MGD treatment train:
  - 600,000 gallons of aeration
  - (1) 98,000-gallon clarifier
- (4) 5,000-gallon clarified effluent dosing tanks
- (3) Denitrification filters (367 square feet of total surface area)
- (1) 16,000-gallon filtered effluent holding tank
- (1) 37,400-gallon disinfection tank:
  - 34,000-gallon chlorine contact chamber
  - 3,400-gallon dechlorination chamber
- (1) 41,000-gallon aerobic digester (total volume for 0.30 MGD Train)
- (1) 43,500-gallon sludge holding tank (total volume for 0.60 MGD Train)
- (1) 37,400-gallon sludge dewatering ditch (total volume)

The existing schematic process flow diagram of the Mid-County WWTP is shown in **Appendix D.** While the existing treatment plant is operable and in working condition, operational challenges as well as equipment deficiencies are prevalent.

Historical Flows

As required by the consent order, a Capacity Analysis Report (CAR) dated January 19, 2019 was previously completed. The Mid-County WWTP CAR summarizes the historical flows based on Daily Monitoring Report (DMR) data from January 2011 – October 2018. The DMR flow data is collected from the onsite effluent ultrasonic flow meter located before the discharge to Curlew Creek. The CAR concluded that the Mid-County WWTP has not exceeded the permitted 0.90 MGD AADF. The 30-day average daily flow (ADF), AADF and the permitted capacity are shown in **Figure 1.**

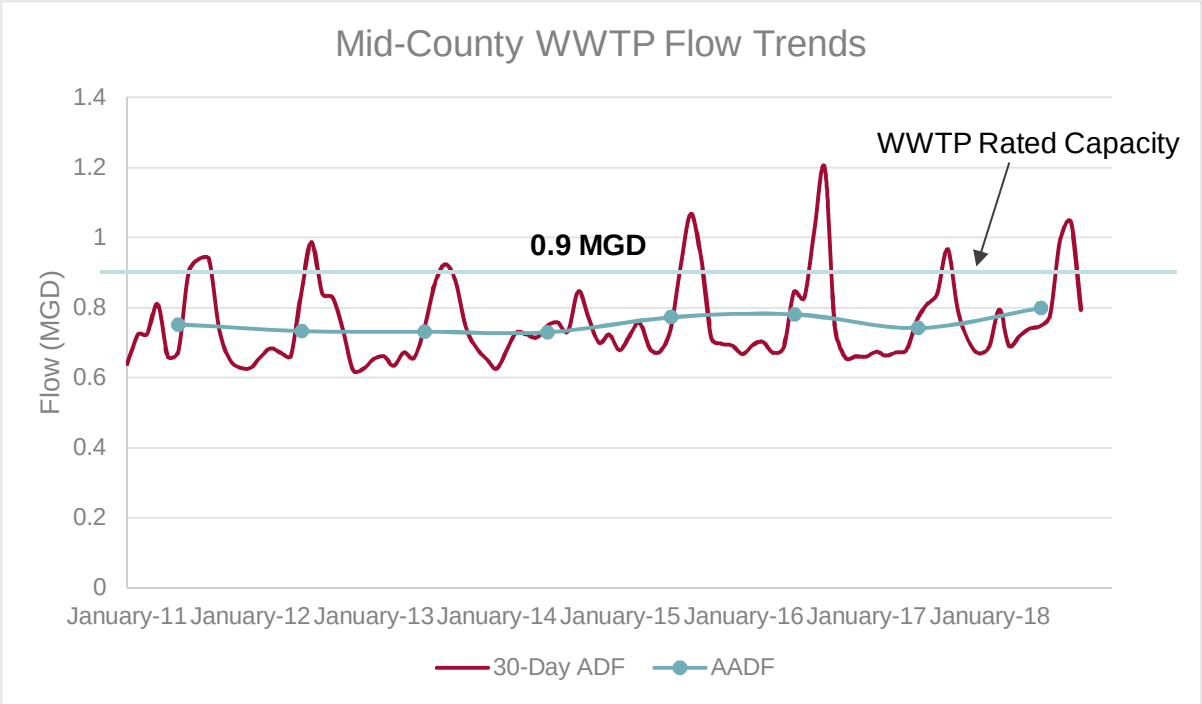

Figure 1: Mid-County WWTP 30-Day ADF/AADF Flow vs. Permitted Capacity

Projected Population and Flows

The Mid-County CAR addresses the future conditions of the Mid-County WWTP service area using the Pinellas County Future Land Use Map and the number of available vacant parcels that can potentially be future wastewater connections. The service area is primarily built out and the flows are not projected to exceed the permitted capacity.

Kimley-Horn completed the Mid-County I&I Analysis, dated December 2018 and concluded that the wastewater collection system experiences large inflows during rain events with consistent infiltration in wet weather months. The I&I Analysis makes recommendations on collection system improvements intended to reduce the seasonal fluctuations experienced by the facility. For the purposes of this evaluation, the facility was analyzed at the full capacity flow of 0.900 MGD. This provides a conservative approach considering the actual flows are approximately 83% of capacity and improvements are proposed to the collection system which would further reduce flows.

Effluent Parameters

Per the Mid-County WWTP Operating Permit, the effluent parameters and the respective monitoring limitations are summarized in **Table 1**.

Table 1: Permit Effluent Limitations

Parameter	Min/Max	Limitation	Condition
Flow to Discharge	Max	0.9 MGD	Annual Average
BOD_5 & TSS	Max	5.0 mg/L	Annual Average
	Max	6.25 mg/L	Monthly Average
	Max	10.0 mg/L	Single Sample
Total Nitrogen	Max	3.0 mg/L	Annual Average
	Max	3.75 mg/L	Monthly Average
	Max	6.0 mg/L	Single Sample
Total Phosphorous	Max	1.0 mg/L	Annual Average
	Max	1.25 mg/L	Monthly Average
	Max	2.0 mg/L	Single Sample
pH	Min	6 S.U.'s	Single Sample
	Max	8.5 S.U.'s	Single Sample
Fecal Coliform (% less than detection)	Min	0.75 S.U.'s	Monthly Total
Fecal Coliform	Max	25 #/100mL	Single Sample
Chlorine (Total Residual for Disinfection)	Min	1.0 mg/L	Single Sample
Chlorine (Total Residual for Dechlorination)	Max	0.01 mg/L	Single Sample
Dissolved Oxygen	Min	5.0 mg/L	Single Sample

Per the DMR data recorded from January 2011 – October 2018, and as shown in the CAR, the annual average effluent levels for effluent BOD_5, TSS, Nitrogen, and Phosphorus do not exceed the permitted limitations listed above. Phosphorus removal consistently meets permit limitations on every statistical base measurement. As indicated in Consent Order OGC No.18-1197, additional parameter limits monitored on annual total, monthly, and maximum statistical basis were exceeded multiple times for the following parameters:

- Total Nitrogen
- $CBOD_5$
- Total Suspended Solids
- Fecal Coliform

Utilities Inc. attributes several contributing factors to the permitted effluent limitation exceedances. These events were detailed in the FDEP Warning Letter # WL18-21DW52SWD and are listed below:

- August 2015: Extreme rainfall led to an influx of I&I within the Mid-County WWTP collections system. This caused the filters to be inundated and suspended solids exceeded the effluent limitations.
- March 2016: A blower failed and was temporarily offline. This decreased the facility's biological treatment capability and nitrogen was exceeded.
- July and October 2016: An operator sampling error caused unrepresentative fecal coliform to be reported to FDEP.
- December 2017: The Train # 2 clarifier chain/sprocket system failed resulting in the clarifier being out of service for 15 days. This event temporarily reduced the facility's treatment capacity to 0.3 MGD (Train # 1's nominal capacity) and overloaded the filters. Consequently, the nitrogen concentration in the plant's effluent exceeded the permit's limitations.

As part of the Consent Order OGC No. 18-1197, interim monitoring limits were established and are summarized in **Table 2**. In addition, the Mid-County WWTP will continue to comply with the remaining operating conditions as stated in the Operating Permit (**Appendix B**).

Table 2: Interim Monitoring Limits

Parameter	Interim Limit	Units	Statistical Base
Nitrogen, Total	2.75	ton/yr	AD - Annual Total
Nitrogen, Total	20	mg/L	MB - Maximum
Nitrogen, Total	10	mg/L	MK - Monthly
BOD, Carbonaceous 5 day,	20	mg/L	MB - Maximum
BOD, Carbonaceous 5 day,	10	mg/L	MK - Monthly

EVALUATION OF DEFICIENCIES

A site visit and plant evaluation was conducted on December 3, 2018 and January 17, 2019 by Kimley-Horn, plant operators, and additional Utilities Inc. staff. The existing plant processes responsible for nutrient overloading identified in the consent order were evaluated and are summarized as follows:

Equalization Tank

Following pre-treatment, raw wastewater is conveyed into a 200,000-gallon equalization tank with two (2) submersible variable frequency drive (VFD) pumps. The equalization tank has historically been overloaded by peak flow conditions coupled with filter backwash operations. To restore capacity, Utilities Inc. authorized Hydro International to remove the accumulation of settled solids and grit from the equalization tanks in addition to each aerobic basin in the north and south treatment trains. This work was completed in December 2018. An invoice of this work is attached and included in **Appendix E.**

Clarifiers

Following the aeration basins, the mixed liquid enters the clarifiers where the suspended solids removal process is initiated in each respective treatment train. Each clarifier utilizes a single ramp twin hopper with a mechanical skimmer and a right-angle drive motor to collect the activated sludge. The activated sludge is transferred as return activated sludge (RAS) to the aeration tank or as waste activated sludge (WAS) to the sludge holding tank.

Train #1 and Train #2 each include one (1) clarifier which are rated for 92,000 gallons and 98,000 gallons, respectively. The exceedances of various parameters of the effluent limits, identified in the consent order and discussed previously in this report, were primarily caused by the Train #2 clarifier being taken out of service for fifteen (15) days in December 2017. This caused the effective capacity of the facility to be reduced to Train #1 (0.30 MGD). Treatment Train #1 had insufficient capacity to treat all of the plant influent flows. The biological treatment process was incomplete thereby reducing the denitrification efficiency of the tertiary filters. Invoices showing the repair work associated with the complete rebuild of the clarifier on Train #2 in December 2017 is included in **Appendix F.**

While the clarifiers are nearly equally sized, each clarifier can only operate within its treatment train. Therefore, the clarifiers are the pinch point of capacity within this facility and limit the redundant capacity.

Denitrification Filters

Three (3) submersible pumps located in the clarifier effluent dosing tanks are used to transfer the combined clarifier effluent to three (3) deep-bed denitrification filters. The filtered effluent then flows through one (1) adjacent 16,000-gallon filtered effluent holding tank where TSS compliance sampling is taken prior to disinfection. The filters were installed in 1994 with no media replacement to date. Approximately 19 tons of media was added to the filters (approximately 11-inches of sand in each filter) in February 2018. Upon installation, the filters were designed to handle an ADF of 1.1 MGD (2.08 gpm/SF) and a maximum flow of 2.2 MGD (4.15 gpm/SF). High backwash rates and operational changes may have reduced the filter capacity after many years of continuous operation.

PROPOSED IMPROVEMENTS

The intent of these proposed improvements is to address the treatment processes responsible for the nutrient exceedances in the consent order. In addition to these improvements, it is recommended that Utilities, Inc. continue its ongoing effort to locate and eliminate deficiencies within the collection system that will materially reduce the wet weather hydraulic load on the treatment process.

Clarifiers

Planned replacement of clarifier equipment in Trains 1 and 2 should be scheduled and completed to prevent catastrophic failure of the treatment process. Invoices reflecting the purchase by Utilities, Inc. of spare parts for the Train #1 Clarifier and the proposal for equipment replacement is included in **Appendix G.** Additionally, Utilities Inc. has incorporated these maintenance tasks into its newly established Operations Management System. Each clarifier will be isolated and drained on a defined schedule to reduce the risk of unplanned equipment failure by proactively evaluating and tracking wear and tear on moving equipment. By stocking critical parts at all times, maintenance and repair activities will be completely swiftly and thus reduce the duration and severity of the impact on the treatment process by having one clarifier out of service.

Filters

The existing denitrification filters are designed to operate successfully at flow rates in excess of the peak flows that the Mid-County plant regularly experiences. Utilities Inc. authorized the field staff of De Nora, the manufacturer of the Tetra Denite Deep Bed filters at the Mid-County plant, to evaluate the performance of the three deep bed filters in January 2019 as well as the methanol dosing system. De Nora staff then made a number of recommendations to improve filter performance. Filter process optimization will provide improved denitrification capabilities through a wider range of operating conditions. De Nora's evaluation completed on February 7, 2019, identified deficiencies with the deep bed filters, methanol dosing methods and operational practices. The preliminary findings and recommendations from the evaluation are listed below:

- The filters' mechanical equipment and media is in good condition
- The current backwash rate is 780 GPM (within 10% of the original design)
- The filters are currently being backwashed up to 18 times a day for approximately 4 minutes per backwash cycle. Ideally, the filters should be backwashed 2–3 times a day for 10-15 minutes duration. The current operating scheme reduces the capacity of the filters. Backwashing was being utilized in place of off-gassing or 'bumps' to maintain sufficient flow through rate. While on-site, the De Nora field staff worked with the plant operations staff to adjust the instrumentation and control settings to optimize filter performance.
- The belts of the blowers are loose and need to be tightened.
- One pressure relief valve is broken and requires replacement.
- Adjustments to the methanol dosing rate are based on changes in flow, the rate of change in flow, and on nitrate-nitrogen sample data taken at the dechlorination chamber. There is a time lag of approximately 3 hours between the methanol dosing point and the effluent sample point. The addition of chlorine and sodium bisulfite may be affecting the sample results for nitrogen. To reduce the time lag and to increase the accuracy of sample data, a new sample point closer

to the filter discharge is recommended. Dye testing is being conducted to select the ideal sample location. If possible, existing sample access points may be used.

A final evaluation report and additional recommendations for the filters is anticipated to be provided by De Nora in March 2019. Additional filter capacity is not required to successfully meet permit limitations if the existing filter operation is optimized.

CONCLUSION

By addressing the proposed improvements listed above and continuing efforts to reduce I&I within the collection system, the Mid-County WWTP should routinely meet permit effluent limitations. Pro-active maintenance of equipment and consistent operation of the plant, specifically the denitrification filters, is critical for Utilities Inc. staff moving forward. Filter optimization and adjustments to the sampling location is intended to increase reliability of total nitrogen sample results and improve control of the methanol dosing system. These improvements will allow for a more stable total nitrogen concentration continuously below permit limitations. The reduction of backwashing will also remediate overloading of the equalization tank during peak flow conditions. The optimization of the filter operation will not negatively impact total phosphorous removal of the facility. In summation, additional modifications to the facility are not required to routinely meet permit limitations.

APPENDICES

APPENDIX A: Mid-County WWTP Consent Order

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

November 19, 2018

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Executed Consent Order OGC File No. 18-1197
Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
Pinellas County

Dear Mr. Flynn:

Enclosed please find the executed Consent Order OGC No. 18-1197 regarding the above referenced facility. The effective date of the Order is the filing date entered by the designated Department Clerk on the signature page.

Should you have any questions, please contact Mr. Lance Kautz at (813) 470-5903, or via e-mail: Lance.Kautz@floridadep.gov. Thank you for your cooperation.

Sincerely yours,

Kelley M. Boatwright for:

Mary E. Yeargan, PG
Southwest District Director
Florida Department of Environmental Protection

MEY/lk

cc: Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com

John Hoy, UI Water, JPHoy@uiwater.com
Lea Crandall, DEP, Lea.Crandall@floridadep.gov
Adrienne Pennington, DEP, Adrienne.Pennington@floridadep.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, DEP-SWD, Erica.Peck@FloridaDEP.gov
Steve Thompson, DEP-SWD, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, DEP-SWD, Kelley.M.Boatwright@FloridaDEP.gov

Enclosures: Executed Consent Order, OGC File No. 18-1197
Exhibit 1 - Interim Discharge Monitoring Report
Exhibit 2 - In-Kind Project

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE SOUTHWEST DISTRICT
v.	)	OGC FILE NO. 18-1197
MID-COUNTY SERVICES, INC. DBA UTILITIES INC. OF FLORIDA	)	

CONSENT ORDER

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and Mid-County Services, Inc. DBA Utilities, Inc. of Florida (Respondent) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds, and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (Fla. Stat.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (Fla. Admin. Code). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent, Mid-County Services, Inc. dba Utilities, Inc. of Florida, is a Florida Profit Corporation with its principal place of business located at 200 Weathersfield Avenue, Altamonte Springs, Florida 32714.

3. Respondent is a person within the meaning of Section 403.031(5), Fla. Stat.

4. Respondent is the owner and is responsible for the operation of the Mid-County WWTF, an existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced

wastewater treatment facility with high-level disinfection with an existing 0.90 MGD AADF surface water discharge into the Class III fresh waters of Curlew Creek and eventually to Clearwater Harbor, a Class III marine water (Facility). The Facility is operated under Wastewater Permit No. FL0034789 (Permit), which was issued on August 5, 2016 and will expire on August 4, 2021. The Facility is located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438, in Pinellas County, Florida (Property). Respondent owns the Property on which the Facility is located.

5. Permit Condition I.A.1. Reclaimed Water and Effluent Limitations and Monitoring Requirements sets effluent limitations for the following parameters: Total Nitrogen; BOD, Carbonaceous 5 day, 20C; Solids, Total Suspended; and Coliform, Fecal.

6. The Department finds that the following violations occurred:

a) A review of the discharge monitoring reports (DMRs) for the period of August 1, 2015 to September 30, 2018 indicated the Permit limits were exceeded, as shown in Table 1, below:

Table 1 – DMR Exceedances

Date	Parameter	Result	Limit	Units	Statistical Base
8/31/2018	Nitrogen, Total	2.67	2.12	ton/yr	AD – Annual Total
7/31/2018	Nitrogen, Total	2.60	2.12	ton/yr	AD – Annual Total
6/30/2018	Nitrogen, Total	2.56	2.12	ton/yr	AD - Annual Total
5/31/2018	Nitrogen, Total	2.50	2.12	ton/yr	AD - Annual Total
4/30/2018	Nitrogen, Total	2.25	2.12	ton/yr	AD - Annual Total
3/31/2018	BOD, Carbonaceous 5 day, 20C	8.53	6.25	mg/L	MK - Monthly
3/31/2018	BOD, Carbonaceous 5 day, 20C	15	10.0	mg/L	MB - Maximum
3/31/2018	Nitrogen, Total	2.14	2.12	ton/yr	AD - Annual Total
2/28/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD - Annual Total
1/31/2018	BOD, Carbonaceous 5 day, 20C	6.34	6.25	mg/L	MK - Monthly
1/31/2018	BOD, Carbonaceous 5 day, 20C	14	10.0	mg/L	MB - Maximum
1/31/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD - Annual Total
12/31/2017	Solids, Total Suspended	24	5.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	18	6.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	8.1	3.75	mg/L	MK - Monthly
12/31/2017	Coliform, Fecal	48	25.0	#/100	MB - Maximum

12/31/2017	Nitrogen, Total	2.17	2.12	ton/yr	AD - Annual Total
11/30/2017	BOD, Carbonaceous 5 day, 20C	19	10.0	mg/L	MB - Maximum
11/30/2017	BOD, Carbonaceous 5 day, 20C	7.8	6.25	mg/L	MK - Monthly
7/31/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
6/30/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
5/31/2017	Solids, Total Suspended	9.2	5.0	mg/L	MB - Maximum
10/31/2016	Coliform, Fecal	32	25.0	#/100	MB - Maximum
7/31/2016	Coliform, Fecal	58	25.0	#/100	MB - Maximum
3/31/2016	Nitrogen, Total	9.6	6.00	mg/L	MB - Maximum
3/31/2016	Nitrogen, Total	4.5	3.75	mg/L	MK - Monthly
8/31/2015	Solids, Total Suspended	6.2	5.0	mg/L	MB - Maximum

b) The exceedances in Table 1, above, are violations of Rule 62-4.160, Fla. Admin. Code, which states that it is a violation to fail to comply with the terms, conditions, requirements, limitations, and restrictions set forth in the Permit. These exceedances are also violations of Rule 62-600.410(1), Fla. Admin. Code, which states that it is a violation to fail to operate and maintain the domestic wastewater treatment plant in accordance with the applicable provisions of this chapter and to attain, at a minimum, the effluent quality required by the operation criteria specified in this chapter.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

7. Within 90 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to complete and submit a report to the Department for review and approval of the following:

a) A preliminary design review (PDR) to evaluate the Facility, including the effluent disposal system and associated collection system, to discover the cause or causes of the noncompliance.

b) An updated Operation and Maintenance Performance Report which meets the requirements of Rule 62-600.735, Fla. Admin. Code.

c) An updated Capacity Analysis Report for the Facility meeting the requirements of Rule 62-600.405, Fla. Admin. Code.

8. Upon the first day of the month following the effective date of this Consent Order and lasting through December 31, 2019, the Facility's effluent discharge to Curlew Creek shall meet the following interim limits, as identified in Table 2, below:

Table 2 – Interim Limits

Parameter	Interim Limit	Units	Statistical Base
Nitrogen, Total	2.75	ton/yr	AD - Annual Total
Nitrogen, Total	20	mg/L	MB - Maximum
Nitrogen, Total	10	mg/L	MK - Monthly
BOD, Carbonaceous 5 day,	20	mg/L	MB - Maximum
BOD, Carbonaceous 5 day,	10	mg/L	MK - Monthly

9. A copy of the Discharge Monitoring Report ("DMR") to be used for reporting the interim limit values is incorporated herein and attached as Exhibit I. Sampling, analysis and reporting of the aforementioned parameters shall be in accordance with the permit. These interim limits do not act as a State of Florida Department of Environmental Protection wastewater permit effluent limitation or modified permit limitation, nor does it authorize or otherwise justify violation of the Florida Air and Water Pollution Control Act, Part I, Chapter 403, Florida Statutes, during the pendency of this Consent Order.

10. Within 90 days of Department approval of the report referenced in Paragraph 7, the Respondent shall submit a complete application for a Department wastewater permit to construct any design modifications of the Facility, effluent disposal system, and/or collection systems, as designed by a professional engineer and as recommended in the PDR, if such modifications require a permit. A professional engineer shall be responsible for completing the following:

a) Design modifications of the Facility, effluent disposal system, and collection systems to ensure the Facility and effluent disposal system will function in full and consistent compliance with all applicable rules of the Department.

b) Oversee the construction of any modifications to the Facility, effluent disposal system, or collection system.

c) Submit to the Department a "Notification of Completion of Construction for Wastewater Facilities or Activities" (Form 62-620.910(12), Fla. Admin. Code), and if applicable, "Request For Approval To Place A Domestic Wastewater Collection/Transmission System Into Operation", (Form 62-604.300(8)(b), Fla. Admin. Code) , prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facility, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit.

11. In the event the Department requires additional information to process the permit application described in paragraph 10, above, the Respondent must provide a written response containing the information requested by the Department within 30 days of the date of the request.

12. If any modifications listed in the PDR submitted per Paragraph 7a **do not** require a permit, the Respondent shall provide written notification, to the Department, of completion of any operational changes, updates to the Operating Protocol, or modifications to the plant, within 45 days of accomplishment.

13. Every calendar quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These

reports shall also include a projection of the work Respondent will perform pursuant to this Order during the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

14. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by Paragraphs 7-13 by December 31, 2019 and be in full compliance with the current domestic wastewater permit and applicable rules of Chapter 62-600, Fla. Admin. Code., regardless of any intervening events or alternative time frames imposed in this Order.

15. Within 30 days of the effective date of this Order, Respondent shall pay the Department $8,500.00 in settlement of the regulatory matters addressed in this Order. This amount includes $8,000.00 for civil penalties and $500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order. The civil penalty in this case includes four (4) violations that each warrant a penalty of $2,000.00 or more.

16. Respondent agrees to pay the Department stipulated penalties in the amount of $1,000.00 per day for every day Respondent fails to timely comply with any of the requirements of paragraphs 7-13 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment and shall do so as further described in paragraph 17, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 15 of this Order.

17. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the

notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

18. In lieu of making cash payment of $8,000.00 in civil penalties as set forth in paragraph 17 above, Respondent may elect to off-set this amount by implementing an in-kind project, which must be approved by the Department. An in-kind project must be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty amount, which in this case is the equivalent of at least $12,000.00. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election either electronically or by certified mail within **15 days** of the effective date of this Consent Order. **Notwithstanding the election to implement an in-kind project, payment of the remaining $500.00 in costs must be paid within 30 days of the effective date of the Consent Order**.

If Respondent elects to implement an in-kind project as provided in paragraph 20, then Respondent shall comply with the requirements and time frames in Exhibit 2 entitled In-Kind Projects.

19. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Lance Kautz, Domestic Wastewater Program**,** Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Suite 101, Temple Terrace, Florida 33637, Lance.Kautz@FloridaDEP.gov**.**

20. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

21. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, and if all of the requirements of this Order have not been fully satisfied, Respondent shall at least 30 days prior to the sale or conveyance of the Facility or Property(a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility . The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

22. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as “contractor”) to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree

that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

23. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with the terms of this Order.

24. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

25. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

26. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

27. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, Fla. Stat., regarding the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, Fla. Stat.

28. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

29. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Fla. Stat. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), Fla. Stat.

30. This Consent Order is a final order of the Department pursuant to section 120.52(7), Fla. Stat., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, Fla. Stat. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

31. Respondent shall publish the following notice in a newspaper of daily circulation in Pinellas County, Florida. The notice shall be published one time only within 15 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection (Department) gives notice of agency action of entering into a Consent Order with UTILITIES, INC. OF FLORIDA pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the operation of the domestic wastewater treatment

facility, including the associated sewer collection transmission system, and permit limit exceedances at Mid-County WWTP. located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926**.**

32. Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

33. The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

34. Rules referenced in this Order are available at https://softlive.dep.state.fl.us/ogc/ogc/content/rules

FOR THE RESPONDENT:

Patrick C. Flynn
Vice President of Operations

November 19, 2018
Date

DONE AND ORDERED this 19 day of November 2018, in Hillsborough, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Kelley M. Boatwright for:
Mary E. Yeargan, P.G.
Southwest District Director
Florida Department of Environmental Protection

Filed, on this date, pursuant to section 120.52, Fla. Stat., with the designated Department Clerk, receipt of which is hereby acknowledged.

Rhonda Hughes
Clerk

November 19, 2018
Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35 DW_CO (REV. 06/09)

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue, Altamonte Springs, Florida 32714-4027
FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive, Dunedin, FL 34698-9438
COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
OGC No. #18-1197
LIMIT: INTERIM
CLASS SIZE: MI
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Discharge of treated effluent., with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____
REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.90 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-01	Permit Requirement					10.0 (Mo.Avg.)	20.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFD-01	Permit Requirement					3.0 (An.Avg.)		mg/L		Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-01	Permit Requirement					10.0 (Mo.Avg.)	20.0 (Max.)	mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFD-01	Permit Requirement					1.0 (An.Avg.)		mg/L		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-01	Permit Requirement					1.25 (Mo.Avg.)	2.0 (Max.)	mg/L		Weekly	16-hr FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		Monthly	Calculated
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		5 Days/Week	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-01	Permit Requirement						0.01 (Max.)	mg/L		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-01	Permit Requirement				5.00 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFD-01	Permit Requirement		Report (Mo.Total)	ton/mth						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-01	Permit Requirement		2.75 (An.Total)	ton/yr						Monthly	Calculated
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TRP3B P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Routine)	Sample Measurement										
PARM Code TRP6C P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement		0.9 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027

FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive
Dunedin, FL 34698-9438

COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
LIMIT: Final
CLASS SIZE: MI
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Flow (MGD) (D-001)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	Nitrogen, Total (as N) (MG/L)	Phosphorus, Total (as P) (MG/L)	pH (Min)	pH (Max)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect.) (MG/L)	TRC (For Dechlor.) (MG/L)
Code	50050	80082	00530	00530	00600	00665	00400	00400	74055	50060	50060
Mon. Site	FLW-01	EFD-01	EFD-01	EFB-01	EFD-01	EFD-01	EFD-01	EFD-01	EFA-01	EFA-01	EFD-01
1											
2											
3											
4											
5											
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23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Oxygen, Dissolved (DO) (MG/L)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	TSS (MG/L)							
Code	00300	50050	80082	00530							
Mon. Site	EFD-01	FLW-01	INF-01	INF-01							
1											
2											
3											
4											
5											
6											
7											
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31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

Exhibit 2

In-Kind Projects

I. Introduction

An in-kind project

a. Within 60 days of the effective date of this Consent Order, Respondent shall submit, electronically or by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, electronically or by certified mail, all requested additional information, clarification, and modifications within 15 days of receipts of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new proposal

within 30 days of receipt of written notice. In the event that the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in paragraph 17 of the Consent Order, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in paragraph 17 of the Consent Order, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph 2(a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event, Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely

remits the $8,000.00 penalty, no additional penalties shall be assessed for failure to complete the requirement of this paragraph.

h. Within 15 days of completing the in-kind project, Respondent shall notify the Department, electronically or by certified mail, of the project completion and request a verification letter from the Department. Respondent shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

i. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new notification of completion within 15 days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited and the entire amount of civil penalty shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $8,000.00, no additional penalties shall be assessed for failure to complete the requirements of this paragraph.

APPENDIX B: Mid-County WWTP Operating Permit

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

In the Matter of an
Application for Permit by:

Mid-County Services Inc
Mr. Patrick C. Flynn, Vice President of Operations
200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027
pcflynn@uiwater.com

File Number FL0034789-013-DW1P
Pinellas County
Mid-County WWTP

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0034789 to operate the Mid-County WWTP, issued under Chapter 403, Florida Statutes.

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.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

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

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

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

also allows that any person who has asked the Department in writing for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

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

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
(c) A statement of when and how the petitioner received notice of the Department's decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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

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

This permit action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for an extension of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for an extension of time), this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in Temple Terrace, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Pamala Vazquez
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.

[Clerk] **[Date]** July 11, 2016

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on July 11, 2016 to the listed persons.

Name

Date: July 11, 2016

Copies furnished to:

Julian R. Coto, P.E., Excel Engineering Consultant, LLC. Julian@Excelengineers.com
EPA Region IV - Water Management, r4npdespermits@epa.gov
Monica Sudano, FDEP Tallahassee, Monica.Sudano@dep.state.fl.us
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Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Mid-County Services, Inc.

RESPONSIBLE OFFICIAL:
Mr. Patrick C. Flynn, Vice President of Operations
200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027
(407) 869-1919
pcflynn@uiwater.com

PERMIT NUMBER: FL0034789 (Minor)
FILE NUMBER: FL0034789-013-DW1P/NR
EFFECTIVE DATE: August 5, 2016
EXPIRATION DATE: August 4, 2021

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. PERMIT NUMBER: FL0034789-013-DW1P/NR
FACILITY: Mid-County WWTP

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 28º 02' 18" N, longitude 82 º 44' 32" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 20 of this permit.

PERMITTEE: Mid-County Services, Inc. PERMIT NUMBER: FL0034789-013-DW1P/NR
FACILITY: Mid-County WWTP

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:

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
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	EFB-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	

PERMITTEE: Mid-County Services, Inc. PERMIT NUMBER: FL0034789-013-DW1P/NR
FACILITY: Mid-County WWTP

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrogen, Total	ton/mth	Max	Report	Monthly Total	Monthly	Calculated	EFD-01	See I.A.7
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

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:

Monthly Total (Mt)
$Mt_n = \frac{\text{(Monthly Average Total Nitrogen Concentration, mg/l)(Total Monthly Flow, MG)(8.3454)}}{\text{2000 lbs}}$
Mt_n = 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.

Annual Total (At)*
Annual Total at the end of the n^{th} Month: $At = Mt_{n-11} + Mt_{n-10} \ldots Mt_n$

*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.

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, $CBOD_5$, 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, $CBOD_5$, 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]*

PERMITTEE: Mid-County Services, Inc. PERMIT NUMBER: FL0034789-013-DW1P/NR
FACILITY: Mid-County WWTP

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.:

			Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
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	SeeI.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:

   a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

   b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and

   c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

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

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

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

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	28th 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
[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.

			Biosolids Limitations		Monitoring Requirements		
Parameter	Units	Max/Min	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 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 $40^{o}C$ 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.

    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 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.

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

Pamala Vazquez
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

FACT SHEET
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FL0034789-013 (Minor)

FACILITY NAME: Mid-County WWTP

FACILITY LOCATION: 2299 Spanish Vista Drive, Dunedin, FL 34698-9438
Pinellas County

NAME OF PERMITTEE: Mid-County Services, Inc.

PERMIT WRITER: Astrid Flores Thiebaud/ Sylvia Deputy

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FL0034789-013-DW1P/NR

Application Submittal Date: January 19, 2016

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	0.9 mgd Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	0 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	0.9 mgd Annual Average Daily Flow

d. Description of 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.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

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 28º 02' 18" N, longitude 82º 44' 32" W.

2. SUMMARY OF SURFACE WATER DISCHARGE

a. This facility does not have a new or expanded discharge to surface waters.
b. The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.
c. The following exceedances were noted during the previous permit cycle:

Date	Parameters	Value	Limit	Units
4/30/2012	Chlorine, Total Residual (min)	0.6	1.0	mg/L
2/29/2012	Chlorine, Total Residual (min)	0.6	1.0	mg/L
10/31/2012	Coliform, Fecal	56	25	#/100mL
4/30/2015	IC25 Statre 7day Chr Ceriodaphnia	<100	100	percent
4/30/2015	IC25 Statre 7Day Chr Pimephales	<100	100	percent
12/31/2014	Nitrogen, Total	17	6.0	mg/L
12/31/2014	Nitrogen, Total	5.2	3.75	mg/L
8/31/2015	Solids, Total Suspended	6.2	5.0	mg/L
2/28/2013	Solids, Total Suspended	5.4	5.0	mg/L

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

a. This facility is authorized to discharge effluent from Outfall D-001 to Curlew Creek WBID 1538A then WBID 1528C of Clearwater Harbor (north) based on the following:

Parameter	Units	Max /Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	0.90	Annual Average	62-600.660(1), FAC
Flow	MGD	Max	Report	Monthly Average	62-600.660(1), FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	5.0	Annual Average	403.086(4)(a)1. FS & 62-600.740(2)(b)1. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	6.25	Monthly Average	62-600.740(2)(b)2. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	10.0	Single Sample	62-600.740(2)(b)4. FAC
Solids, Total Suspended	mg/L	Max	5.0	Annual Average	403.086(4)(a)2 . FS & 62-600.740(2)(b)1. FAC
Solids, Total Suspended	mg/L	Max	6.25	Monthly Average	62-600.740(2)(b)2. FAC

Parameter	Units	Max /Min	Limit	Statistical Basis	Rationale
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	62-600.740(2)(b)4. FAC
Solids, Total Suspended (Influent)	mg/L	Max	5.0	Single Sample	62-600.440(6)(a)3. FAC
Nitrogen, Total	mg/L	Max	3.0	Annual Average	403.086(4)(a)3. FS & 62-600.740(2)(b)1. FAC
Nitrogen, Total	mg/L	Max	3.75	Monthly Average	62-600.740(2)(b)2. FAC
Nitrogen, Total	mg/L	Max	6.0	Single Sample	62-600.740(2)(b)4. FAC
Phosphorus, Total (as P)	mg/L	Max	1.0	Annual Average	403.086(4)(a)4. FS & 62-600.740(2)(b)1. FAC
Phosphorus, Total (as P)	mg/L	Max	1.25	Monthly Average	62-600.740(2)(b)2. FAC
Phosphorus, Total (as P)	mg/L	Max	2.0	Single Sample	62-600.740(2)(b)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC & 62-302.530 FAC
pH	s.u.	Max	8.5	Single Sample	62-600.445 FAC & 62-302.530 FAC
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	62-600.440(6)(a)1. FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-600.440(6)(a)2. FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(6)(b) FAC
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	62-600.440(2) & 62-302.530(18) FAC
Oxygen, Dissolved (DO)	mg/L	Min	5.00	Single Sample	62-302.533 FAC
Nitrogen, Total	ton/mth	Max	Report	Monthly Total	62-304.645(13)(a) FAC
Nitrogen, Total	ton/yr	Max	2.12	Annual Total	62-304.645(13)(a) FAC
Chronic Whole Effluent Toxicity, 7-Day IC25 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	62-302.530(20) & (61) FAC and 62-4.241(1)(b) FAC
Chronic Whole Effluent Toxicity, 7-Day IC25 (Pimephales promelas)	percent	Min	100	Single Sample	62-302.530(20) & (61) FAC and 62-4.241(1)(b)

1) Effluent limitations are based on a Level I WQBEL developed by District staff and available in the District permit files. Additionally, effluent limitations are based on Rule 62-302, F.A.C.-Class III Fresh Standards, Rule 62-600, F.A.C. and 403.086, F.S

2) This facility has provided reasonable assurance that the discharge will not adversely affect the designated use of the receiving water. Fifth year inspection data, as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards.

3) There is a final TMDL for WBID 1538A, Curlew Creek for Fecal Coliform. The TMDL requires the continued attainment of current permit limits.

4) There is a final TMDL for WBID 1538, Curlew Creek Tidal Segment for Dissolved Oxygen, Nutrients (Chlorophyll-a) The TMDL requires the continued attainment of current permit limits. Based on the median TN/TP ratio of 8, total nitrogen is the limiting nutrient. The Wasteload Allocation (WLA) for wastewater point sources for the Mid-County Wastewater Treatment Plant is 4,245 lb/year (2.12 Ton/year) of TN. This TN loading limitation has been added to the permit.

5) The permit requires sampling for total nitrogen and total phosphorus, with permit limits that are established by Florida Statute (403.086, F.S.) and Rule 62-600.740, F.A.C. Total nitrogen and total phosphorus concentration limits remain the same as in the previous permit. There is no increase in permitted surface water discharge capacity for this facility, therefore no increase in nutrient loading is anticipated. The numeric nutrient criteria has been established through the continuation of the concentration limits and the addition of the TN loading

limit established by the TMDL for Curlew Creek WBID 1538. These numeric nutrient limits are sufficient to meet the requirements of Rule 62-302.53, F.A.C.

6) According with Rule 62-600.420, F.A.C., all domestic wastewater facilities are required, at a minimum, to provide secondary treatment of wastewater. New facilities and modifications of existing facilities shall be designed to achieve an effluent after disinfection containing not more than 20 mg/L CBOD5 and 20 mg/L TSS, or 90% removal of each of these pollutants from the wastewater influent, whichever is more stringent. All facilities shall be operated to achieve, at a minimum, the specified effluent limitations (20 mg/L). This facility has continuously met the limits specified in condition I.A.1 of the permit which is the most stringent.

7) There is a statewide TMDL for mercury. This facility is not considered a source of mercury, therefore a mercury minimization plan is not required.

8) This facility is required to conduct chronic toxicity testing of surface water discharges as required in the previous permit. There is a history of passing toxicity tests at this facility.

b. Other Limitations and Monitoring Requirements:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	0.9	Annual Average	62-600.700(2) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2) FAC
Flow	MGD	Max	Report	3-Month Rolling Average	62-600.700(2) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405 FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Monthly Average	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Monthly Average	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-4.070 FAC (BPJ)
Sampling Locations	-	-	-	All Parameters	62-600.660 FAC & 62-699 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FL0034789-012-DW1P expires on August 4, 2016.

The TN loading limitation has been added to the permit for the finalized TMDL in Curlew Creek.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to BTF or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency		All Parameters			62-640.650(5)(a) FAC

6. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

7. PERMIT SCHEDULES

Permit renewal information is contained in the permit schedules.

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO and this facility has not entered into a CO with the Department.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 14. Copies will be provided at a minimal charge per page.

12. CHANGES FROM DRAFT TO FINAL PERMIT

On April 11, 2016, Mid-County Services, Inc. requested a reduction in staffing requirements to 8 hours/day for 7 days/week as specified in Rule 62-699.200(8) and 62-699.311(5)(a)2., FAC. The Department approved the reduction in staffing requirements based on the following:

1. This is an existing domestic wastewater plant that have been in compliance with applicable water quality standards and operation and maintenance requirements for the past year.
2. The facility has a SCADA system as defined in Rule 62-699.200(8), FAC, designed to monitor the various processes and transfer that information electronically to a centrally located monitoring station. This system qualifies as an electronic surveillance system.

The facility description was edited for accuracy.

The DMR reporting information was edited to reflect the new e-reporting requirements, effective December 21, 2016.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft Permit and Public Notice to Applicant	March 16, 2016
Public Comment Period	Beginning: June 8, 2016 Ending: July 8, 2016
Notice of Permit Issuance	July 11, 2016

14. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Astrid Flores Thiebaud
Engineer IV
Southwest District Office
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926
Telephone No.: (813) 470-5760

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027

FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive
Dunedin, FL 34698-9438

COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR

LIMIT: Final
CLASS SIZE: MI
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Discharge of treated effluent., with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.90 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFD-01	Permit Requirement					3.0 (An.Avg.)		mg/L		Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-01	Permit Requirement					3.75 (Mo.Avg.)	6.0 (Max.)	mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFD-01	Permit Requirement					1.0 (An.Avg.)		mg/L		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-01	Permit Requirement					1.25 (Mo.Avg.)	2.0 (Max.)	mg/L		Weekly	16-hr FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		Monthly	Calculated
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		5 Days/Week	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-01	Permit Requirement						0.01 (Max.)	mg/L		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-01	Permit Requirement				5.00 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFD-01	Permit Requirement		Report (Mo.Total)	ton/mth						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-01	Permit Requirement		2.12 (An.Total)	ton/yr						Monthly	Calculated
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TRP3B P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Routine)	Sample Measurement										
PARM Code TRP6C P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP

MONITORING GROUP NUMBER: D-001

PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement		0.9 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027

FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive
Dunedin, FL 34698-9438

COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR

LIMIT: Final
CLASS SIZE: MI
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Flow (MGD) (D-001)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	Nitrogen, Total (as N) (MG/L)	Phosphorus, Total (as P) (MG/L)	pH (Min)	pH (Max)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect.) (MG/L)	TRC (For Dechlor.) (MG/L)
Code	50050	80082	00530	00530	00600	00665	00400	00400	74055	50060	50060
Mon. Site	FLW-01	EFD-01	EFD-01	EFB-01	EFD-01	EFD-01	EFD-01	EFD-01	EFA-01	EFA-01	EFD-01
1											
2											
3											
4											
5											
6											
7											
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23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Oxygen, Dissolved (DO) (MG/L)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	TSS (MG/L)							
Code	00300	50050	80082	00530							
Mon. Site	EFD-01	FLW-01	INF-01	INF-01							
1											
2											
3											
4											
5											
6											
7											
8											
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27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

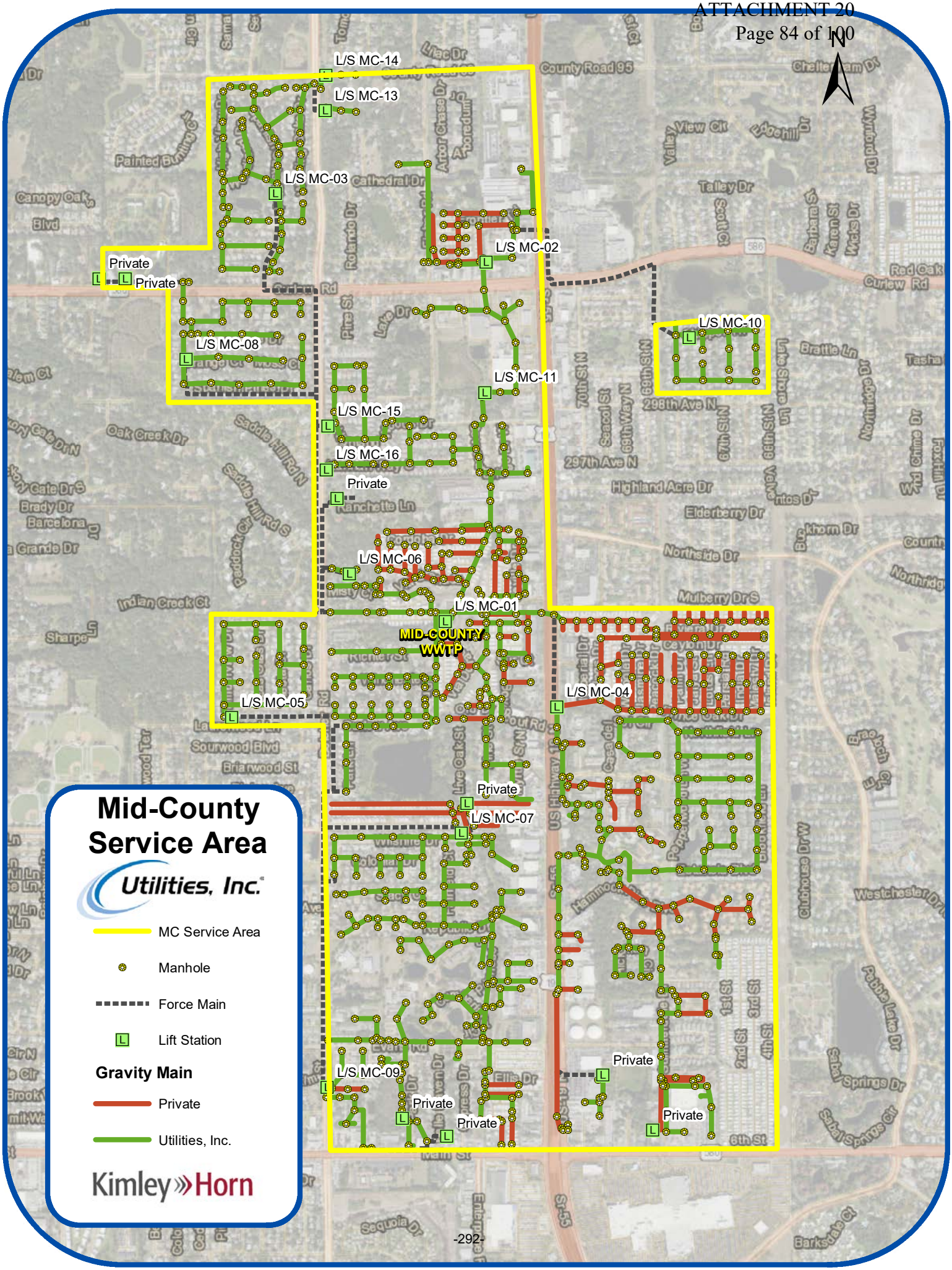
PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

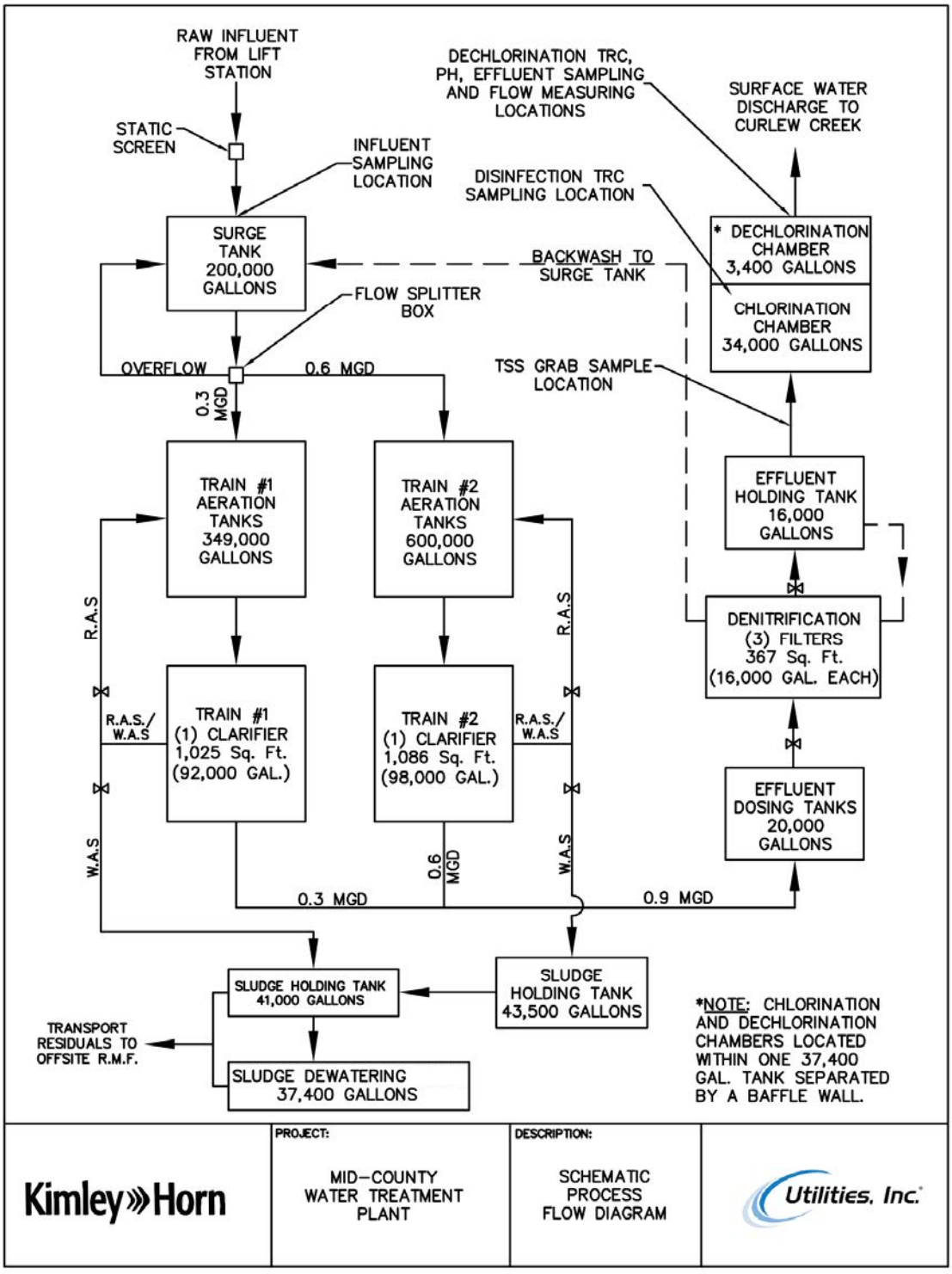
SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

APPENDIX C: Mid-County Service Area Exhibit


L/S MC-14
L/S MC-13
L/S MC-03
L/S MC-02
Private
Private
L/S MC-08
L/S MC-10
L/S MC-11
L/S MC-15
L/S MC-16
Private
L/S MC-06
L/S MC-01
MID-COUNTY WWTP
L/S MC-05
L/S MC-04
Private
L/S MC-07
L/S MC-09
Private
Private
Private
Private
County Road 95
Curlew Rd
Cathedral Dr
Lake Dr
Saddle Hill Rd N
Saddle Hill Rd S
Oak Creek Dr
Indian Creek Ct
Sourwood Blvd
Briarwood St
Mulberry Dr S
Northside Dr
Highland Acre Dr
Elderberry Dr
297th Ave N
298th Ave N
Brattle Ln
Talley Dr
Valley View Ct
Painted Bluff Dr
Canopy Oak Blvd
Brady Dr
Barcelona Dr
Sharpe St
Live Oak St
Hammock Dr
Clubhouse Dr W
Westchester Dr
Pebble Lake Dr
Safari Springs Dr
Saguaro Dr
Barksdale Ct
6th St
4th St
3rd St
2nd St
1st St
Mid-County Service Area
Utilities, Inc.
MC Service Area
Manhole
Force Main
Lift Station
Gravity Main
Private
Utilities, Inc.
Kimley»Horn

APPENDIX D: Existing Flow Schematic


RAW INFLUENT FROM LIFT STATION
STATIC SCREEN
INFLUENT SAMPLING LOCATION
DECHLORINATION TRC, PH, EFFLUENT SAMPLING AND FLOW MEASURING LOCATIONS
SURFACE WATER DISCHARGE TO CURLEW CREEK
DISINFECTION TRC SAMPLING LOCATION
SURGE TANK 200,000 GALLONS
BACKWASH TO SURGE TANK
* DECHLORINATION CHAMBER 3,400 GALLONS
CHLORINATION CHAMBER 34,000 GALLONS
FLOW SPLITTER BOX
OVERFLOW
0.6 MGD
0.3 MGD
TSS GRAB SAMPLE LOCATION
TRAIN #1 AERATION TANKS 349,000 GALLONS
TRAIN #2 AERATION TANKS 600,000 GALLONS
EFFLUENT HOLDING TANK 16,000 GALLONS
R.A.S
DENITRIFICATION (3) FILTERS 367 Sq. Ft. (16,000 GAL. EACH)
R.A.S./ W.A.S
TRAIN #1 (1) CLARIFIER 1,025 Sq. Ft. (92,000 GAL.)
TRAIN #2 (1) CLARIFIER 1,086 Sq. Ft. (98,000 GAL.)
EFFLUENT DOSING TANKS 20,000 GALLONS
W.A.S
0.6 MGD
0.3 MGD
0.9 MGD
SLUDGE HOLDING TANK 41,000 GALLONS
SLUDGE HOLDING TANK 43,500 GALLONS
TRANSPORT RESIDUALS TO OFFSITE R.M.F.
SLUDGE DEWATERING 37,400 GALLONS
*NOTE: CHLORINATION AND DECHLORINATION CHAMBERS LOCATED WITHIN ONE 37,400 GAL. TANK SEPARATED BY A BAFFLE WALL.
Kimley»Horn
PROJECT:
MID-COUNTY WATER TREATMENT PLANT
DESCRIPTION:
SCHEMATIC PROCESS FLOW DIAGRAM
Utilities, Inc.

APPENDIX E: Grit Removal Invoice (Dec. 2018)

SALES INVOICE

Hydro International

Invoice No. SIN-001159
Invoice Date 01/30/19

Bill-To:

Accounts Payble Department
Utilities, Inc of Florida
200 Weathersfield Ave
Altamonte Springs, FL 32714

Ship-To:

Mid County WWTP
2299 Spanish Vista Dr
Dunedin, FL

Account No. CUS-000742
Hydro Ref. 18_11_0535 Dunedin, FL

Cust. PO No.
Payment Terms Net 30 Days

Item No.	Description	Qty	Unit Price	Amount
1	Mobilization Fee	1	1,500.00	1,500.00
2	Cost for sand & grit from 8 aeration tanks	1	54,500.00	54,500.00
3	Haul and Disposal Rate (per wet ton)	96.37	120.00	11,564.40
			Total USD Excl. Tax	67,564.40
			Sales Tax 7%	4,729.51
			Total USD	**72,293.91**

*** Please Note address change: 2925 **NE** Aloclek Drive, Suite 140, Hillsboro OR 97124***

RECEIVED
FEB 04 2019
BY:

Please make payments payable to dba Hydro International Wastewater.

You can see our terms and conditions of sale on our website at http://www.hydro-int.com/AWWTCS.pdf

Eutek Systems, Inc., dba Hydro International Wastewater
2925 NE Aloclek Drive, Suite 140, Hillsboro OR 97124

Turning Water Around. .®

Tel: +1 (866) 615-8130 Fax: +1 (503) 615-2906 Tax No. 94-2560663 Web: www.hydro-int.com

APPENDIX F: Train #2 Clarifier Equipment Replacement Invoice (Dec. 2017)

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
1/9/2018	33313

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PO # 268726

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	South Clarifier

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
8	Three men overtime. Installed new sprocket on clarifier drive shaft (aeration tank side). Installed two 5/8" x 6" stainless steel wedge anchors on bracket that supports shaft babbit bearing. Put north side flight board chain back in time. Started back-up, all ok.	187.50	12/10/2017	1,500.00
1	Stainless steel wedge anchors	28.88		28.88
1	Trip Charge	35.00		35.00
3.5	Four men regular time. Chain fell off gear on north side of clarifier. Tank was completely pumped out and cleaned. Found north west bottom gear was extremely tight, could not turn. Installed new customer supplied race and cog. Re-installed chain and watched run, all ok.	150.00	12/11/2017	525.00
3.5	Four men overtime	225.00		787.50
1	Trip Charge	35.00		35.00
8	Four men regular time. Clarifier down again. Flight boards broken off chain. Brought 4" diesel pump from shop to help pump tank down. Cleaned clarifier and removed flight boards and chain from clarifier.	150.00	12/12/2017	1,200.00
1.5	Four men overtime	225.00		337.50
1	Trip Charge	35.00		35.00
8	Four men regular time. Pumped and cleaned bottom of clarifier again. Inspected all components of clarifier. Needs new top flight board track, supports, drive sprocket and shaft/babbit bearings. Installed isolation boxes in aeration tank to keep water out of clarifier. Pressure washed flight boards and made parts list for repairs.	150.00	12/13/2017	1,200.00
4	Four men overtime	225.00		900.00
7.5	Technical supervisor regular time	85.00		637.50
2.5	Technical supervisor Overtime	127.50		318.75
1	Trip Charge	35.00		35.00

Total

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
1/9/2018	33313

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	South Clarifier

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
7	Four men regular time. Picked up materials for new brackets and top track. Cut steel for top brackets to size. Removed top of babbit bearings off. Removed chain and drive sprocket off shaft. Used old parts to repair cog on south east bottom side of clarifier.	150.00	12/14/2017	1,050.00
2.5	Four men overtime	225.00		562.50
7.5	Technical supervisor regular time	85.00		637.50
0.5	Technical supervisor Overtime	127.50		63.75
1	Steel for brackets and top track	1,208.07		1,208.07
1	Materials for brackets and top track	245.92		245.92
1	Trip Charge	35.00		35.00
8	Four men regular time. Welded top track support brackets. Started removing corrugated plastic wall. installed scaffolding in clarifier sludge pit. Removed drive shaft. Resecured poly track back to bottom. Removed corrosion scaling off of old metal track on bottom of tank for flight boards. Installed new babbit bearing bottoms for drive shaft inside clarifier. Ran materials.	150.00	12/15/2017	1,200.00
2	Four men overtime	225.00		450.00
7.5	Technical supervisor regular time	85.00		637.50
2	Technical supervisor Overtime	127.50		255.00
1	Clutch	383.85		383.85
1	(16) split collars	242.04		242.04
1	Pillow block bearings	783.16		783.16
1	Incoming Freight	40.90		40.90
1	1/2" x 3 3/4" Stainless steel wedge anchors	319.99		319.99
1	Sch 80, couplings, MA's and misc	363.94		363.94
1	Misc hardware	169.68		169.68
1	Trip Charge	35.00		35.00
			Total	

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
1/9/2018	33313

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	South Clarifier

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
8.5	Three men overtime. Picked up corrugated PVC panels for clarifier for clarifier wall. Finished removing plastic from wall. Installed bottom support bracket for wall. Repaired top bracket for wall. Replaced air lift lines. Finished welding flight board track support brackets. Got paint and started coating brackets.	187.50	12/16/2017	1,593.75
3	One man overtime. Finished bracket coating	112.50		337.50
1	Misc hardware and materials	198.16		198.16
20	Twenty clear panels	56.98		1,139.60
1	Trip Charge	35.00		35.00
8	Four men regular time. Installed aluminum center bracket for corrugated PVC wall in clarifier. Made brackets for wall. Put up corrugated PVC wall. Made support brackets for air lift lines. Installed north wall top track brackets.	150.00	12/18/2017	1,200.00
2.5	Four men overtime	225.00		562.50
7	Technical supervisor regular time	85.00		595.00
0.5	Technical supervisor Overtime	127.50		63.75
1	Hardware, nuts and bolts	56.40		56.40
1	Trip Charge	35.00		35.00
8	Four men regular time. Installed south wall top track support brackets. Installed drive shaft with assistance of crane service. Tack welded top track sections to support brackets. Put tops of babbit bearings for drive shaft on in clarifier side. Installed cogs on drive shaft.	150.00	12/19/2017	1,200.00
5	Four men overtime	225.00		1,125.00
1	Drive shaft	861.44		861.44
1	Crane service	403.75		403.75
1	Trip Charge	35.00		35.00

Total

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
1/9/2018	33313

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	South Clarifier

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
8	Four men regular time. Finished welding in top flight board tracks. Put hardware back on flight boards. Chain was delivered. Put collars on cog shafts. Installed babbit bearing on drive shaft on aeration tank side and drive sprocket. Started putting chain together. Installed air lift line support bracket.	150.00	12/20/2017	1,200.00
5	Four men overtime	225.00		1,125.00
7.5	Technical supervisor regular time	85.00		637.50
0.5	Technical supervisor Overtime	127.50		63.75
1	Chain	12,985.36		12,985.36
1	Trip Charge	35.00		35.00
8	Four men regular time. Finished chain installation. /made adapter brackets to fit flight boards to f2 chain links. Finished flight board installation. Installed chain on drive side sprocket. Cut bigger opening in aluminum isolation boxes in aeration tank. Test ran clarifier in empty pit, started filling tank.	150.00	12/21/2017	1,200.00
5.5	Four men overtime	225.00		1,237.50
7.5	Technical supervisor regular time	85.00		637.50
0.5	Technical supervisor Overtime	127.50		63.75
1	Nuts and bolts hardware	104.35		104.35
1	Materials	56.93		56.93
1	Trip Charge	35.00		35.00
12.5	Two men overtime. Customer was having problems with clarifier. Put clarifier in time, numbered and measured distance between flight boards. Popped chain one more link to time it. Started running in time but started getting stuck. Noted boards getting stuck (6/7/9). Found top track poly shoe side lip was catching track (all hardware was put back in original board holes). Drilled new holes and moved shoes, watched run, all working ok.	150.00	12/21/2017	1,875.00
12.5	Technical supervisor Overtime	127.50		1,593.75
1	Trip Charge	35.00		35.00
			Total	

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
1/9/2018	33313

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	South Clarifier

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
	Note: 12/21/17 - 10:30 pm to 12/22/17 11:00 am			
			Total	$48,586.17

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
6/15/2018	34392

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
4	Four men regular time. When the South Clarifier was down and new parts were installed the weirs and effluent discharge chamber were noted to be in very poor condition. The weirs are scheduled to be rebuilt in October but the exterior part of the collection discharge chamber needs to be replaced now. The interior part will be replaced in October 2018.	150.00	6/5/2018	600.00
4.5	Four men regular time. Removed ductile filter discharge pipe and installed new PVC pipe for flow meter.	150.00		675.00
1	Zinc bolts and nuts	49.35		49.35
1	Couplings	60.71		60.71
8	1/2" stainless steel anchors	13.82		110.56
4	Ram nek	8.08		32.32
1	Hydraulic cement	36.29		36.29
1	Aluminum plate (smooth)	620.03		620.03
1	Aluminum angle	43.07		43.07
1	Aluminum wire	36.34		36.34
1	Spool gun tips	12.11		12.11
1	Grinding disk	6.46		6.46
1	Fine sanding disk	12.92		12.92
24	Shop Labor	47.50		1,140.00
1	Trip Charge	35.00		35.00

281802

Total $3,470.16

APPENDIX G: Train #1 Clarifier Equipment Materials Invoice and Proposal (Dec. 2018)

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
11/30/2018	35340

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
	E & R Mechanical built a new weir for the "South Clarifier" at the Mid County WWTP, using the same design and gauge of materials. The old weir was broken down and hauled off so the new weir could be installed.			
1	Pans, Weir, cutting weir, effluent chamber, angle, C channel, all thread and misc nuts, bolts and washers	11,594.02		11,594.02
1	Labor to fabricate & build	5,586.00		5,586.00
1	Labor to install	3,500.00		3,500.00
1	Crane	1,292.00		1,292.00
1	Assembly materials	775.00		775.00

299019

Total $22,747.02

Kaman Industrial Technologies

KAMAN

EMAILED INVOICE

Invoice Number: I829267

ATTN:

Invoice Date: 15-JAN-19
Order Date: 15-JAN-19
Customer P.O.: 291935
Tag Number:
Account Number: 151751
TERMS: NET30

WATER SERVICE CORP/UTILITIES
2335 SANDERS ROAD
ATTN: ACCOUNTS PAYABLE
NORTHBROOK IL
60062

Your Order was Shipped: 15-JAN-19

To: **UTILITIES INC OF FLORIDA**
200 WEATHERSFIELD AVENUE

ALTAMONTE SPRINGS FL
32714

Via: **TRUCK FREIGHT - $325**

PAGE 1 OF 1

LINE	STOCK NUMBER / DESCRIPTION	ORDER QTY	BACK ORDER	SHIPPED	UOM	UNIT PRICE	EXTENDED PRICE
1	MAX 720-17T_SPLIT 4"LTB BLACK UHMW/CS RIM	4	0	4	EA	418.330	1,673.32
5	MAX 1-15/16 BUSHING_STATIC SLEEVE BUSHING	4	0	4	EA	282.990	1,131.96
9	MAX NW720S 277_NON-METALLIC COLLECTOR CHA	1	0	1	EA	4,113.460	4,113.46
11	MAX 720-17T 1 15/16_SPLIT 6"LTB UHMW/CS R	2	0	2	EA	492.150	984.30
13	MAX 8"X 208-3/4"L_FRP FLIGHT BLANK	5	0	5	EA	176.860	884.30
15	ZZZ FO06_FREIGHT/HNDLG OUT: TRUCK	0	0	1	EA	325.000	325.00

PO# 291935

Remit Payment To:
KAMAN INDUSTRIAL TECHNOLOGIES
P.O. BOX 402847
ATLANTA GA 30384-2847

Questions Concerning This Invoice Contact:
KAMAN INDUSTRIAL TECHNOLOGIES
TAMPA FL 33634-1222
(813) 628-4404
Branch 00316

SUB TOTAL	8,787.34
TAX	615.11
MISC CHRG	0.00
FREIGHT/HANDLING	325.00
TOTAL	9,727.45

THANK YOU FOR YOUR ORDER!

This Sale Is Expressly Limited To, And Expressly Made Conditional On, Buyer's Acceptance Of Kaman Industrial Technologies Corporation's Terms And Conditions Of Sale Located At WWW.KAMAN.COM/TCS. Seller Objects To Any Different Or Additional Terms. - All Currency Is In USA Dollars.

Kaman Industrial Technologies provides innovative solutions to make our customers more productive, competitive and profitable.

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
3/1/2018	33717

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

Wall Brackets in Storage

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	Clarifier

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
40	One man regular time to build 12 wall brackets for use in the clarifier filter system (north or south) per Seyd. If not used they will be spares for future use. (12/27/17 pick-up materials, 2 hours. 1/2&3/18 cut and prep, 16 hours. 1/5&6/18 fit and weld, 16 hours. 1/9/18 prep, prime and paint, 6 hours.)	75.00		3,000.00
1	Steel for wall brackets	1,083.36		1,083.36
1	Materials for wall brackets	272.36		272.36
6	Split uhmw Rims	639.91		3,839.46
6	Static Sleeve Bushings	413.31		2,479.86
2	Split Drive Rims	686.38		1,372.76
1	Freight	1,471.06		1,471.06
1	Expedited fee for construction of product	1,000.00		1,000.00
		Total		$14,518.86

E & R Mechanical
A Division of
EMS of Central Florida, Inc.
7906-1 Clark Moody Blvd.
Port Richey, FL 34668
Phone (727) 847-3722
Fax (727) 847-4063

Invoice

DATE	INVOICE
11/30/2018	35341

BILL TO

Utilities, Inc.
Attn: Accounts Pay
Mid County Unit #250100
2335 Sanders Road
Northbrook, IL 60062

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	South Plant

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
1	Labor and material for the build of two new isolation boxes for the "South Plant". Note: Isolation boxes have been delivered to site but not installed.	3,620.00		3,620.00

297923

Total $3,620.00

Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

March 9, 2018

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Warning Letter # WL18-21DW52SWD
Mid-County Services, Inc. WWTF
Facility ID Number: FL0034789
Pinellas County

Dear Mr. Flynn:

A Compliance Evaluation Inspection/Sanitary Sewer Overflow Prevention Inspection was conducted at Mid-County Services, Inc. WWTF on October 17, 2017. During this inspection, and subsequent file review, possible violations of Chapter 403, F.S., Chapters 62-302, 62-600, and 62-620, Florida Administrative Code (F.A.C.), were observed. Department of Environmental Protection personnel noted the following:

- A review of the discharge monitoring reports (DMRs) for the period of August 1, 2015 to October 16, 2017 indicated the total suspended solids maximum limit was exceeded in May, June, and July of 2017.
- A review of the DMRs for the period of August 1, 2015 to October 16, 2017 indicated Fecal Coliform maximum limit exceedances in July and October of 2016.
- A review of the DMRs for the period of August 1, 2015 to October 16, 2017 indicated a Total Nitrogen maximum limit exceedance for March 2016 and a Total Nitrogen monthly average limit exceedance for March 2016.
- A review of the DMRs for the period of August 1, 2015 to October 16, 2017 indicated a Total Suspended Solids maximum limit exceedance in August 2015.
- At the time of the inspection, Lift Station #15 (Highland Woods) was locked and not accessible by facility personnel.

On November 8, 2017, a written Compliance Assistance Offer was issued to you as part of an agency investigation preliminary to agency action in accordance with section 120.57(5), Florida Statutes. You responded on December 15, 2017 as follows:

- The July total suspended solids exceedance was attributed to a blower malfunction and the May and June exceedances were attributed to operator error.
- The July and October 2016 Fecal Coliform exceedances were attributed to operator sampling errors.
- The March 2016 Total Nitrogen exceedances were attributed to a blower failure.
- The August 2015 Total Suspended Solids exceedance was attributed to extreme rainfall and inflow and infiltration issues that caused a bypass of the denitrification filters.
- The new gate code was received by the Lead Operator and the HOA board president was notified to let the facility know when the gate code is changed.

On March 7, 2018, a review of additional information indicates possible violations may continue to exist:

- A review of the discharge monitoring reports (DMRs) for the period of October 1, 2017 to March 1, 2018, indicated the following exceedances:

DATE	Parameter	Result	Limit	Statistical Base
12/31/2017	Solids, Total Suspended	24 mg/L	5.0 mg/L	Maximum
01/31/2018	Nitrogen, Total	2.2 ton/yr	2.12 ton/yr	Annual Total
12/31/2017	Nitrogen, Total	8.1 mg/L	3.75 mg/L	Monthly Average
12/31/2017	Nitrogen, Total	18 mg/L	6.0 mg/L	Maximum
12/31/2017	Nitrogen, Total	2.17 ton/yr	2.12 ton/yr	Annual Total
12/31/2017	Coliform, Fecal	48/100 ml	25/100 ml	Maximum
01/31/2018	CBOD5	6.34 mg/L	6.25 mg/L	Monthly Average
01/31/2018	CBOD5	14 mg/L	10 mg/L	Maximum
11/30/2017	CBOD5	7.8 mg/L	6.25 mg/L	Monthly Average
11/30/2017	CBOD5	19 mg/L	10 mg/L	Maximum

- On January 19, 2018, a complaint was referred to the Department by Pinellas County Environmental Services, regarding foam on the surface of the water originating at the outfall of Mid-County Services and discharging into Curlew Creek. Pinellas County Environmental Services, the Complainant, and the Operator at Mid-County Services confirmed the issue and provided photos and videos. On January 26, 2018, the Department requested that the facility sample to determine the cause. On January 29 and 31, 2018, the facility specifically sampled for fats, oils, and grease (FOG) and results showed either non-detect for FOG or the value was between the laboratory method detection limit and the practical quantitation limit. As of February 27, 2018, the Complainant stated that the foam discharge was still occurring, and the Operator concurred. Further investigation and corrective actions by the facility are warranted.
  Rule 62-302.500(1)(a), F.A.C. provides that all surface waters of the State shall at all places and at all times be free from discharges that contain substances that settle or float to create a nuisance.

- A file review indicated that Mid-County Services submitted a reuse feasibility study (in 1998), however the submitted study is out of date. For example, the estimated capital improvement costs were calculated in 1998; The Guidelines for Preparation of Reuse Feasibility Studies for Applicants Having Responsibility for Wastewater Management state the basis for cost period of analysis should be 20 years. Also, section 9.3 of the 1998 study stated that Pinellas County Utilities Department (PCUD) was reviewing water quality analysis data to determine if effluent produced from the Mid-County facility would meet their standards for quality and reliability. Section 10 of the study stated that a continued dialog with Pinellas County concerning the disposal of treated effluent was the only feasible alternative, however no outcomes of this review or continued discussion were provided. An updated reuse feasibility study needs to be submitted.
- On April 11, 2016, Mid-County Services, Inc. requested a reduction in staffing requirements to 8 hours/day for 7 days/week as specified in Rule 62-699.200(8) and 62-699.311(5)(a), F.A.C. The Department approved the reduction in staffing requirements based on the facility's compliance with water quality standards and operation and maintenance requirements for the prior year and implementation of an operational SCADA system as defined in Rule 62-699.200(8), F.A.C. Due to the surface water exceedances and operational issues listed above, the reduction in staffing requirements needs to be evaluated.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Chapter 403, Florida Statutes (F.S.), and Chapters 62-302, 62-600, and 62-620, Florida Administrative Code (F.A.C.)

Please contact Michelle Holton, at (813) 470-5900, within 15 days of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

Mary E. Yeargan

Mary E. Yeargan, PG
District Director
Southwest District
Florida Department of Environmental Protection

mey/mh

Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
Warning Letter # WL18-21DW52SWD
Page 4 of 4

ec: Kelley M. Boatwright, FDEP, Kelley.M.Boatwright@floridadep.gov
Erica Peck, FDEP, Erica.Peck@floridadep.gov
Steve Thompson, FDEP, Steve.Thompson@floridadep.gov
Michelle Holton, FDEP, Michelle.Holton@floridadep.gov
Seyd Matteson, Operator, SJMatteson@uiwater.com
SWD_clerical@dep.state.fl.us

Holton, Michelle

From: Patrick Flynn <PCFlynn@uiwater.com>
Sent: Monday, March 26, 2018 1:02 PM
To: Holton, Michelle
Cc: Scotty Haws; Mike Wilson; Seyd J. Matteson; Scotty Haws
Subject: RE: Mid-County Warning Letter response

Michelle,
Our preference is to meet on Thursday, 4/12 at 1:00 at your office. Attending will be Mike Wilson, Lee Neal, Seyd Matteson, Scotty Haws and me. At that time, we will be happy to discuss the issues you raised in the Warning Letter or any others that come up. Either in advance of the meeting or at the meeting itself, we'll provide you with the status of our efforts to address the foam issue and the lab results from the grab samples taken at various locations.

Thanks,
Patrick

From: Patrick Flynn
Sent: Monday, March 26, 2018 12:10 PM
To: Michelle Holton <michelle.holton@dep.state.fl.us>
Cc: Scotty Haws <slhaws@uiwater.com>; Mike Wilson <mawilson@uiwater.com>
Subject: Mid-County Warning Letter response

Michelle, good morning.
As you are aware, I received a Warning Letter from your office earlier this month. Since then, I have reached out to you to confirm our interest in meeting with you at your convenience to discuss the bullet points listed in the letter. Please provide some dates when you are available so that my staff and I can arrange our schedules accordingly.

Regarding the complaint about foam in the receiving stream, we are continuing our investigation to determine if and where someone may be dumping something into our collection system that triggers the formation of foam. Please be aware that the foam is not present continuously. Staff is taking samples of the collection system starting at the plant to see if wastewater influent characteristics differ depending on where the flow is coming from so we can possibly follow upstream sufficient to identify the source of the compound or compounds that are causing the foam to appear.

Regarding the issue of reuse feasibility, the Utility discussed the concept with the city of Dunedin in 2001. This was three years after the Pinellas County option was considered as noted in the 1998 feasibility study that you referenced in the warning letter. A preliminary analysis was done by PBS&J in that time. I don't believe that report was submitted to the Department due to the proposed project not receiving funding. If I can dig out the report and send it to you, will that adequately address your concerns about the timeliness of the last feasibility study?

Regarding the staffing of the Mid-County plant, we have continued to add features to the plant's SCADA system to enhance its usefulness, reliability, and monitoring capabilities. We also added another licensed operator to Seyd's team in January. Additionally, we rolled out our comprehensive asset management system

this month, which will expand our ability to operate, maintain, manage and monitor the plant's assets as well as its collection system.

Please let me know when would be a good time to meet. Thank you and I await your reply.

Regards,
Patrick

Patrick C. Flynn
Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714-4027
Ph: (866) 842-8432, x1359
pcflynn@uiwater.com

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

November 19, 2018

Patrick C. Flynn
Vice President of Operations
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflynn@uiwater.com

Re: Executed Consent Order OGC File No. 18-1197
Mid-County Services, Inc. WWTF
Facility ID No. FL0034789
Pinellas County

Dear Mr. Flynn:

Enclosed please find the executed Consent Order OGC No. 18-1197 regarding the above referenced facility. The effective date of the Order is the filing date entered by the designated Department Clerk on the signature page.

Should you have any questions, please contact Mr. Lance Kautz at (813) 470-5903, or via e-mail: Lance.Kautz@floridadep.gov. Thank you for your cooperation.

Sincerely yours,

Kelley M. Boatwright for:

Mary E. Yeargan, PG
Southwest District Director
Florida Department of Environmental Protection

MEY/lk

cc: Seyd Matteson, UI Water, SJMatteson@uiwater.com
Mike Wilson, UI Water, MAWilson@uiwater.com
William Lee Neal, UI Water, wlneal@uiwater.com
Scotty Haws, UI Water, SLHaws@uiwater.com

John Hoy, UI Water, JPHoy@uiwater.com
Lea Crandall, DEP, Lea.Crandall@floridadep.gov
Adrienne Pennington, DEP, Adrienne.Pennington@floridadep.gov
Lance Kautz, DEP-SWD, Lance.Kautz@FloridaDEP.gov
Erica Peck, DEP-SWD, Erica.Peck@FloridaDEP.gov
Steve Thompson, DEP-SWD, Steve.Thompson@FloridaDEP.gov
Kelley Boatwright, DEP-SWD, Kelley.M.Boatwright@FloridaDEP.gov

Enclosures: Executed Consent Order, OGC File No. 18-1197
Exhibit 1 - Interim Discharge Monitoring Report
Exhibit 2 - In-Kind Project

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE SOUTHWEST DISTRICT
v.	)	OGC FILE NO. 18-1197
MID-COUNTY SERVICES, INC. DBA UTILITIES INC. OF FLORIDA	)	

CONSENT ORDER

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and Mid-County Services, Inc. DBA Utilities, Inc. of Florida (Respondent) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds, and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (Fla. Stat.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (Fla. Admin. Code). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent, Mid-County Services, Inc. dba Utilities, Inc. of Florida, is a Florida Profit Corporation with its principal place of business located at 200 Weathersfield Avenue, Altamonte Springs, Florida 32714.

3. Respondent is a person within the meaning of Section 403.031(5), Fla. Stat.

4. Respondent is the owner and is responsible for the operation of the Mid-County WWTF, an existing 0.90 million gallons per day (MGD) Annual Average Daily Flow (AADF), Type I, advanced

wastewater treatment facility with high-level disinfection with an existing 0.90 MGD AADF surface water discharge into the Class III fresh waters of Curlew Creek and eventually to Clearwater Harbor, a Class III marine water (Facility). The Facility is operated under Wastewater Permit No. FL0034789 (Permit), which was issued on August 5, 2016 and will expire on August 4, 2021. The Facility is located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438, in Pinellas County, Florida (Property). Respondent owns the Property on which the Facility is located.

5. Permit Condition I.A.1. Reclaimed Water and Effluent Limitations and Monitoring Requirements sets effluent limitations for the following parameters: Total Nitrogen; BOD, Carbonaceous 5 day, 20C; Solids, Total Suspended; and Coliform, Fecal.

6. The Department finds that the following violations occurred:

a) A review of the discharge monitoring reports (DMRs) for the period of August 1, 2015 to September 30, 2018 indicated the Permit limits were exceeded, as shown in Table 1, below:

Table 1 – DMR Exceedances

Date	Parameter	Result	Limit	Units	Statistical Base
8/31/2018	Nitrogen, Total	2.67	2.12	ton/yr	AD – Annual Total
7/31/2018	Nitrogen, Total	2.60	2.12	ton/yr	AD – Annual Total
6/30/2018	Nitrogen, Total	2.56	2.12	ton/yr	AD - Annual Total
5/31/2018	Nitrogen, Total	2.50	2.12	ton/yr	AD - Annual Total
4/30/2018	Nitrogen, Total	2.25	2.12	ton/yr	AD - Annual Total
3/31/2018	BOD, Carbonaceous 5 day, 20C	8.53	6.25	mg/L	MK - Monthly
3/31/2018	BOD, Carbonaceous 5 day, 20C	15	10.0	mg/L	MB - Maximum
3/31/2018	Nitrogen, Total	2.14	2.12	ton/yr	AD - Annual Total
2/28/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD - Annual Total
1/31/2018	BOD, Carbonaceous 5 day, 20C	6.34	6.25	mg/L	MK - Monthly
1/31/2018	BOD, Carbonaceous 5 day, 20C	14	10.0	mg/L	MB - Maximum
1/31/2018	Nitrogen, Total	2.20	2.12	ton/yr	AD - Annual Total
12/31/2017	Solids, Total Suspended	24	5.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	18	6.0	mg/L	MB - Maximum
12/31/2017	Nitrogen, Total	8.1	3.75	mg/L	MK - Monthly
12/31/2017	Coliform, Fecal	48	25.0	#/100	MB - Maximum

12/31/2017	Nitrogen, Total	2.17	2.12	ton/yr	AD - Annual Total
11/30/2017	BOD, Carbonaceous 5 day, 20C	19	10.0	mg/L	MB - Maximum
11/30/2017	BOD, Carbonaceous 5 day, 20C	7.8	6.25	mg/L	MK - Monthly
7/31/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
6/30/2017	Solids, Total Suspended	18	5.0	mg/L	MB - Maximum
5/31/2017	Solids, Total Suspended	9.2	5.0	mg/L	MB - Maximum
10/31/2016	Coliform, Fecal	32	25.0	#/100	MB - Maximum
7/31/2016	Coliform, Fecal	58	25.0	#/100	MB - Maximum
3/31/2016	Nitrogen, Total	9.6	6.00	mg/L	MB - Maximum
3/31/2016	Nitrogen, Total	4.5	3.75	mg/L	MK - Monthly
8/31/2015	Solids, Total Suspended	6.2	5.0	mg/L	MB - Maximum

b) The exceedances in Table 1, above, are violations of Rule 62-4.160, Fla. Admin. Code, which states that it is a violation to fail to comply with the terms, conditions, requirements, limitations, and restrictions set forth in the Permit. These exceedances are also violations of Rule 62-600.410(1), Fla. Admin. Code, which states that it is a violation to fail to operate and maintain the domestic wastewater treatment plant in accordance with the applicable provisions of this chapter and to attain, at a minimum, the effluent quality required by the operation criteria specified in this chapter.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

7. Within 90 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to complete and submit a report to the Department for review and approval of the following:

a) A preliminary design review (PDR) to evaluate the Facility, including the effluent disposal system and associated collection system, to discover the cause or causes of the noncompliance.

b) An updated Operation and Maintenance Performance Report which meets the requirements of Rule 62-600.735, Fla. Admin. Code.

c) An updated Capacity Analysis Report for the Facility meeting the requirements of Rule 62-600.405, Fla. Admin. Code.

8. Upon the first day of the month following the effective date of this Consent Order and lasting through December 31, 2019, the Facility's effluent discharge to Curlew Creek shall meet the following interim limits, as identified in Table 2, below:

Table 2 – Interim Limits

Parameter	Interim Limit	Units	Statistical Base
Nitrogen, Total	2.75	ton/yr	AD - Annual Total
Nitrogen, Total	20	mg/L	MB - Maximum
Nitrogen, Total	10	mg/L	MK - Monthly
BOD, Carbonaceous 5 day,	20	mg/L	MB - Maximum
BOD, Carbonaceous 5 day,	10	mg/L	MK - Monthly

9. A copy of the Discharge Monitoring Report ("DMR") to be used for reporting the interim limit values is incorporated herein and attached as Exhibit I. Sampling, analysis and reporting of the aforementioned parameters shall be in accordance with the permit. These interim limits do not act as a State of Florida Department of Environmental Protection wastewater permit effluent limitation or modified permit limitation, nor does it authorize or otherwise justify violation of the Florida Air and Water Pollution Control Act, Part I, Chapter 403, Florida Statutes, during the pendency of this Consent Order.

10. Within 90 days of Department approval of the report referenced in Paragraph 7, the Respondent shall submit a complete application for a Department wastewater permit to construct any design modifications of the Facility, effluent disposal system, and/or collection systems, as designed by a professional engineer and as recommended in the PDR, if such modifications require a permit. A professional engineer shall be responsible for completing the following:

a) Design modifications of the Facility, effluent disposal system, and collection systems to ensure the Facility and effluent disposal system will function in full and consistent compliance with all applicable rules of the Department.

b) Oversee the construction of any modifications to the Facility, effluent disposal system, or collection system.

c) Submit to the Department a "Notification of Completion of Construction for Wastewater Facilities or Activities" (Form 62-620.910(12), Fla. Admin. Code), and if applicable, "Request For Approval To Place A Domestic Wastewater Collection/Transmission System Into Operation", (Form 62-604.300(8)(b), Fla. Admin. Code) , prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facility, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit.

11. In the event the Department requires additional information to process the permit application described in paragraph 10, above, the Respondent must provide a written response containing the information requested by the Department within 30 days of the date of the request.

12. If any modifications listed in the PDR submitted per Paragraph 7a **do not** require a permit, the Respondent shall provide written notification, to the Department, of completion of any operational changes, updates to the Operating Protocol, or modifications to the plant, within 45 days of accomplishment.

13. Every calendar quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These

reports shall also include a projection of the work Respondent will perform pursuant to this Order during the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

14. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by Paragraphs 7-13 by December 31, 2019 and be in full compliance with the current domestic wastewater permit and applicable rules of Chapter 62-600, Fla. Admin. Code., regardless of any intervening events or alternative time frames imposed in this Order.

15. Within 30 days of the effective date of this Order, Respondent shall pay the Department $8,500.00 in settlement of the regulatory matters addressed in this Order. This amount includes $8,000.00 for civil penalties and $500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order. The civil penalty in this case includes four (4) violations that each warrant a penalty of $2,000.00 or more.

16. Respondent agrees to pay the Department stipulated penalties in the amount of $1,000.00 per day for every day Respondent fails to timely comply with any of the requirements of paragraphs 7-13 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment and shall do so as further described in paragraph 17, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 15 of this Order.

17. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the

notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order is final and effective filed with the Clerk of the Department before ability to make online payment is available.

18. In lieu of making cash payment of $8,000.00 in civil penalties as set forth in paragraph 17 above, Respondent may elect to off-set this amount by implementing an in-kind project, which must be approved by the Department. An in-kind project must be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty amount, which in this case is the equivalent of at least $12,000.00. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election either electronically or by certified mail within **15 days** of the effective date of this Consent Order. **Notwithstanding the election to implement an in-kind project, payment of the remaining $500.00 in costs must be paid within 30 days of the effective date of the Consent Order**.

If Respondent elects to implement an in-kind project as provided in paragraph 20, then Respondent shall comply with the requirements and time frames in Exhibit 2 entitled In-Kind Projects.

19. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Lance Kautz, Domestic Wastewater Program**,** Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Suite 101, Temple Terrace, Florida 33637, Lance.Kautz@FloridaDEP.gov**.**

20. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

21. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, and if all of the requirements of this Order have not been fully satisfied, Respondent shall at least 30 days prior to the sale or conveyance of the Facility or Property(a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility . The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

22. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as “contractor”) to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree

that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

23. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with the terms of this Order.

24. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

25. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

26. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

27. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, Fla. Stat., regarding the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, Fla. Stat.

28. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

29. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Fla. Stat. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), Fla. Stat.

30. This Consent Order is a final order of the Department pursuant to section 120.52(7), Fla. Stat., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, Fla. Stat. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

31. Respondent shall publish the following notice in a newspaper of daily circulation in Pinellas County, Florida. The notice shall be published one time only within 15 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection (Department) gives notice of agency action of entering into a Consent Order with UTILITIES, INC. OF FLORIDA pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the operation of the domestic wastewater treatment

facility, including the associated sewer collection transmission system, and permit limit exceedances at Mid-County WWTP. located at 2299 Spanish Vista Drive, Dunedin, Florida 34698-9438. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926**.**

32. Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

33. The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Suite 101, Temple Terrace, Florida 33637-0926. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

34. Rules referenced in this Order are available at https://softlive.dep.state.fl.us/ogc/ogc/content/rules

FOR THE RESPONDENT:

Patrick C. Flynn
Vice President of Operations

November 19, 2018
Date

DONE AND ORDERED this 19 day of November 2018, in Hillsborough, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Kelley M. Boatwright for:
Mary E. Yeargan, P.G.
Southwest District Director
Florida Department of Environmental Protection

Filed, on this date, pursuant to section 120.52, Fla. Stat., with the designated Department Clerk, receipt of which is hereby acknowledged.

Rhonda Hughes
Clerk

November 19, 2018
Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35 DW_CO (REV. 06/09)

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue, Altamonte Springs, Florida 32714-4027
FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive, Dunedin, FL 34698-9438
COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
OGC No. #18-1197
LIMIT: INTERIM
CLASS SIZE: MI
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Discharge of treated effluent., with Influent
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____
REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.90 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-01	Permit Requirement					10.0 (Mo.Avg.)	20.0 (Max.)	mg/L		Weekly	16-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-01	Permit Requirement					5.0 (An.Avg.)		mg/L		Monthly	Calculated
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-01	Permit Requirement					6.25 (Mo.Avg.)	10.0 (Max.)	mg/L		Weekly	16-hr FPC

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFD-01	Permit Requirement					3.0 (An.Avg.)		mg/L		Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-01	Permit Requirement					10.0 (Mo.Avg.)	20.0 (Max.)	mg/L		Weekly	16-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFD-01	Permit Requirement					1.0 (An.Avg.)		mg/L		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-01	Permit Requirement					1.25 (Mo.Avg.)	2.0 (Max.)	mg/L		Weekly	16-hr FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-01	Permit Requirement				75 (Min.Mo.Total)			percent		Monthly	Calculated
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		5 Days/Week	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-01	Permit Requirement						0.01 (Max.)	mg/L		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From: _____ To: _____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-01	Permit Requirement				5.00 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFD-01	Permit Requirement		Report (Mo.Total)	ton/mth						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. EFD-01	Permit Requirement		2.75 (An.Total)	ton/yr						Monthly	Calculated
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TRP3B P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TRP3B R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Routine)	Sample Measurement										
PARM Code TRP6C P Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		Semi-Annually; twice per year	24-hr FPC
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C Q Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Pimephales promelas (Additional)	Sample Measurement										
PARM Code TRP6C R Mon. Site No. EFD-01	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Mid-County WWTP MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FL0034789-013-DW1P/NR

MONITORING PERIOD From:_____ To:_____ INTERIM

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement		0.9 (An.Avg.)	MGD						Monthly	Calculated
Flow	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	16-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Mid-County Services, Inc.
MAILING ADDRESS: 200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027

FACILITY: Mid-County WWTP
LOCATION: 2299 Spanish Vista Drive
Dunedin, FL 34698-9438

COUNTY: Pinellas
OFFICE: Southwest District

PERMIT NUMBER: FL0034789-013-DW1P/NR
LIMIT: Final
CLASS SIZE: MI
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-2	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Flow (MGD) (D-001)	CBOD5 (MG/L)	TSS (MG/L)	TSS (MG/L)	Nitrogen, Total (as N) (MG/L)	Phosphorus, Total (as P) (MG/L)	pH (Min)	pH (Max)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect.) (MG/L)	TRC (For Dechlor.) (MG/L)
Code	50050	80082	00530	00530	00600	00665	00400	00400	74055	50060	50060
Mon. Site	FLW-01	EFD-01	EFD-01	EFB-01	EFD-01	EFD-01	EFD-01	EFD-01	EFA-01	EFA-01	EFD-01
1											
2											
3											
4											
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22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034789-013-DW1P/NR Facility: Mid-County WWTP
Monitoring Period From: _____ To: _____

	Oxygen, Dissolved (DO) (MG/L)	Flow (MGD) (Total Plant)	CBOD5 (MG/L)	TSS (MG/L)							
Code	00300	50050	80082	00530							
Mon. Site	EFD-01	FLW-01	INF-01	INF-01							
1											
2											
3											
4											
5											
6											
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31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

Exhibit 2

In-Kind Projects

I. Introduction

An in-kind project

a. Within 60 days of the effective date of this Consent Order, Respondent shall submit, electronically or by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, electronically or by certified mail, all requested additional information, clarification, and modifications within 15 days of receipts of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new proposal

within 30 days of receipt of written notice. In the event that the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in paragraph 17 of the Consent Order, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in paragraph 17 of the Consent Order, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph 2(a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event, Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely

remits the $8,000.00 penalty, no additional penalties shall be assessed for failure to complete the requirement of this paragraph.

h. Within 15 days of completing the in-kind project, Respondent shall notify the Department, electronically or by certified mail, of the project completion and request a verification letter from the Department. Respondent shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

i. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project; Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. Respondent shall correct and redress all of the matters at issue and submit, electronically or by certified mail, a new notification of completion within 15 days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited and the entire amount of civil penalty shall be due from the Respondent to the Department within 30 days of Department notice. If the in-kind penalty project is terminated and Respondent timely remits the $8,000.00, no additional penalties shall be assessed for failure to complete the requirements of this paragraph.

Utilities, Inc.

October 27, 2019

Mr. Lance Kautz
FDEP – Southwest District
Suite 101
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

RE: Mid-County WWTF
NPDES Permit No. FL00334789
Response to September 11, 2019 informal conference

Dear Mr. Kautz:

The purpose of this letter is to provide you with additional information requested by the Department at the September 11, 2019 informal meeting regarding recent Sanitary Sewer Overflows (SSO's) from our Mid-County collection system.

1. **A log of each SSO that occurred between June and September 2019 and containing detailed facts concerning each one.** The log was submitted to you on October 11, 2019.

2. **An updated SSO reporting protocol.** Attached please find the Mid-County Sanitary Sewer Overflow Response Plan. It reflects the application of the template provided by the Florida Rural Water Association to our Mid-County system.

3. **A summary of our ongoing efforts to reduce excess inflow and infiltration entering the Mid-County collection system in general.**

    a. Deployed two open channel flow meters to specific manholes for multiple month durations spanning both dry and wet weather periods. The data collected is correlated with a digital rainfall logger located at the Mid-County map. Example: this equipment identified a significant wet weather spike in flow at the point of connection of the Regency Heights MHP to Mid-County's system at a manhole. This analysis was provided to the Regency Heights property manager to inform him of the need to address their private system's deficiencies promptly. The utility will continue to deploy these meters at key locations.
    b. Video inspect a minimum of 10% of the gravity sewer mains in Mid-County each year to identify the location and severity of pipe and manhole deficiencies that offer the means for groundwater to enter the piping system. In 2019, we cleaned and inspected over 3,250 LF of gravity main between Boy Scout Road and the master lift station at the treatment plant. We also evaluated the collection system within the Spanish Acres subdivision in 2018, located places were I&I was occurring and fixed them in 2019.
    c. Deployed manhole lid inserts at critical locations. These inserts are designed to intercept runoff that would otherwise enter the system through gaps between

rings and covers, especially in low lying areas where there is potential for manhole lids to become inundated by stormwater. About 146 were installed in 2018 and another 74 have been installed so far in 2019.

d. Reached out to nine property managers of mobile home parks, which contain privately owned sewer pipes, manholes and service laterals, the condition of which is unknown. However, based on their age and the proclivity for developers to install clay pipe in that era, it is highly likely that these are significant sources of excess I&I. The utility continues to provide information and guidance to these private system owners regarding steps they can and should take to assess, maintain and repair their piping systems. This process may include prompting the MHP owners to smoke test their pipes, possibly through the efforts of the FRWA staff.
e. Identified and replaced rings and covers that were damaged or deformed. In 2019, eight sets of rings and covers have been replaced. Additionally, three long side laterals were replaced.
f. Install dedicated emergency generators at key lift stations where the lag time between a power outage and an overflow is short. Emergency generators and automatic transfer switches are in the process of being installed at the Wilshire and Macaroni Grill lift stations with a projected completion date of February 1, 2020.
g. Cleaned and lined an 8" gravity sewer crossing under US 19 from Riviera Heights manhole to the downstream manhole on the west side.
h. Cleaned and lined 300 LF of gravity sewer main on the plant site to the west of the master lift station.
i. Upgraded the plant's SCADA system to offer more robust monitoring of the master lift station and surge tank.
j. Selected Kimley-Horn to evaluate the treatment plant with the goal of identifying bottlenecks in the treatment process, assessing the current condition of the structures and facilities, and then offer recommendations to address them. Currently, the engineers are designing a replacement master lift station as the original one is at the end of its service life.

4. A summary of activities and projects that described our efforts to address the causes of SSO's associated with the Macaroni Grill Lift Station sub-basin specifically.

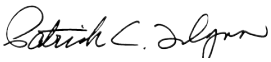
a. In response to a planned FDOT highway project in the U.S. 19 right-of-way within our service area, the utility was required to relocate the Macaroni Grill Lift Station's force main that originally terminated at a manhole near the entrance to the Riviera Estates MHP on the east side of US 19 before flowing by gravity under the highway, through Doral MHP and into the master lift station. This project was necessary to avoid conflicts with the planned stormwater conveyance improvements along US 19.
b. In 2017, the utility designed, permitted and built a new FM crossing of US 19 that terminated at a manhole on Boy Scout Road on the west side. The engineering analysis of the collection system indicated that the downstream sewer mains were hydraulically adequate to convey the flow pumped from Macaroni Grill LS during normal and peak periods.
c. The project also included downsizing the pump horsepower reflecting a reduction in head conditions. The utility also installed variable frequency drives

in the Macaroni Grill LS control panel. This offered the means to adjust the pump output to meet varying flow conditions in conjunction with the SCADA system.

d. Subsequently, an extended period of wet weather in 2019 generated elevated wastewater flow for extended periods that were in excess of the design of the collection system downstream of Boy Scout Road.
e. In response, the utility contacted FDOT and obtained permission to reestablish the use of the original FM that discharged into the MH near the Riviera Estates entrance. This FM had not yet been removed or abandoned. A bypass pump, valves and fittings were used to redirect flow to that manhole through the old FM. This alleviated the hydraulic load on the gravity sewer trunk line on the west side of US 19 without overloading the piping system elsewhere.
f. As mentioned above, the utility is proceeding with the permanent installation of an emergency generator at this lift station. The generator will automatically start and transfer with the loss of normal power and thus reduce the risk of an SSO at this wet well or in its vicinity.

If you need additional information or have questions, please contact me at pcflynn@uiwater.com or at (321) 972-0359.

Sincerely,
UTILITIES, INC. of FLORIDA



Patrick C. Flynn
Vice President of Operations

ec: Mike Wilson, Regional Manager
Seyd Matteson, Compliance & Safety Manager

From: Patrick Flynn
To: Kautz, Lance
Cc: Mike Wilson; Seyd J. Matteson; Kevin O"Neill
Subject: RE: Voicemail Follow-up
Date: Friday, October 11, 2019 1:43:50 PM
Attachments: Mid-County SSO log June - Sep 2019.pdf

Lance,
Attached is the Mid-County spill log as requested. The log lists a total of 14 SSO's and identifies the

- date
- time
- location
- type of spill (e.g. raw, treated, aeration tank solids)
- disposition
- cause of the spill
- corrective action taken
- daily plant flows
- rainfall amount
- number of consecutive days of rain associated with that SSO

As shown, there were multiple days where more than one SSO occurred. The 14 spills occurred on 7 different days.
I am reviewing and editing the SSO reporting protocol today, which I will forward to you when done. Then I will generate the two summaries and submit them to you next week.

Thanks for your patience.
Have a good weekend,
Patrick

From: Kautz, Lance <Lance.Kautz@FloridaDEP.gov>
Sent: Friday, October 11, 2019 12:48 PM
To: Patrick Flynn <PCFlynn@uiwater.com>
Subject: Voicemail Follow-up
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and verify that the content is safe.

Patrick, I received your voicemail. I am good with the submittal of the engineering related items early next week and the submittal of the spill spreadsheet today.

Thank you for the call,
Lance

Lance Kautz
Environmental Specialist III
Florida Department of Environmental Protection
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637
(813) 470-5903
Lance.Kautz@floridadep.gov

From:	Patrick Flynn
To:	Kautz, Lance
Cc:	Mike Wilson; Seyd J. Matteson; Kevin O"Neill; Peck, Erica; "Lee Neal"
Subject:	RE: Voicemail Follow-up
Date:	Monday, October 28, 2019 8:20:22 AM
Attachments:	SSO Response Plan 10 11 19.pdf Response to DEP informal conference 102719.pdf

Lance,
Attached please find the additional items that we discussed at the September 11 conference. Please let me know if you have questions or need additional information.

Thanks,
Patrick

From: Kautz, Lance <Lance.Kautz@FloridaDEP.gov>
Sent: Friday, October 18, 2019 2:20 PM
To: Patrick Flynn <PCFlynn@uiwater.com>
Cc: Mike Wilson <MAWilson@uiwater.com>; Seyd J. Matteson <SJMatteson@uiwater.com>; Kevin O'Neill <KO'Neill@uiwater.com>; Peck, Erica <Erica.Peck@FloridaDEP.gov>
Subject: RE: Voicemail Follow-up

Patrick, is there any update on the submittal referenced below?

Regards,

Lance Kautz
Environmental Specialist III
Florida Department of Environmental Protection
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637
(813) 470-5903
Lance.Kautz@floridadep.gov

From: Patrick Flynn <PCFlynn@uiwater.com>
Sent: Friday, October 11, 2019 1:44 PM
To: Kautz, Lance <Lance.Kautz@FloridaDEP.gov>
Cc: Mike Wilson <MAWilson@uiwater.com>; Seyd J. Matteson <SJMatteson@uiwater.com>; Kevin O'Neill <KO'Neill@uiwater.com>
Subject: RE: Voicemail Follow-up

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Have a good weekend,
Patrick

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Sent: Friday, October 11, 2019 12:48 PM
To: Patrick Flynn <PCFlynn@uiwater.com>
Subject: Voicemail Follow-up
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and verify that the content is safe.

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Thank you for the call,
Lance

Lance Kautz
Environmental Specialist III
Florida Department of Environmental Protection
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637
(813) 470-5903
Lance.Kautz@floridadep.gov

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

NOAH VALENSTEIN
SECRETARY

Florida Department of Environmental Protection

SWD-200 Meeting Attendee Sheet

No Signature Required

DATE: April 12 2018

TIME: 1:00 - 2:00 PM

LOCATION/CONFERENCE ROOM: 132 (16) - Live Oak Roon

MEETING SUBJECT: Mid-County Services Warning Letter Discussion

FACILITATOR: Michelle Holton

ATTENDEES

Name	Facility/Affiliate	Telephone	E-mail
Steve Thompson	FDEP		steve.thompson@floridadep.gov
Michelle Holton	FDEP		michelle.holton@floridadep.gov
Patrick Flynn	Utilities Inc. of Florida		pcjlynn@uiwater.com
Mike Wilson	Utilities Inc. of Florida		mawilson@uiwater.com
Lee Neal	Utilities Inc. of Florida		wlneal@uiwater.com
Seyd Matteson	Utilities Inc. of Florida		SJMatteson@uiwater.com
Scotty Haws	Utilities Inc. of Florida		

Name	Facility/Affiliate	Telephone	E-mail

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

NOAH VALENSTEIN
SECRETARY

Florida Department of Environmental Protection

SWD-200 Meeting Attendee Sheet

No Signature Required

DATE: April 12 2018

TIME: 1:00 - 2:00 PM

LOCATION/CONFERENCE ROOM: 132 (16) - Live Oak Roon

MEETING SUBJECT: Mid-County Services Warning Letter Discussion

FACILITATOR: Michelle Holton

ATTENDEES

Name	Facility/Affiliate	Telephone	E-mail
Steve Thompson	FDEP		steve.thompson@floridadep.gov
Michelle Holton	FDEP		michelle.holton@floridadep.gov
Patrick Flynn	Utilities Inc. of Florida		pcjlynn@uiwater.com
Mike Wilson	Utilities Inc. of Florida		mawilson@uiwater.com
Lee Neal	Utilities Inc. of Florida		wlneal@uiwater.com
Seyd Matteson	Utilities Inc. of Florida		SJMatteson@uiwater.com
Scotty Haws	Utilities Inc. of Florida		

Name	Facility/Affiliate	Telephone	E-mail

From: Patrick Flynn
To: Holton, Michelle
Cc: Mike Wilson; William Lee Neal; Scotty Haws; Seyd J. Matteson; John Hoy; Thompson, Steve
Subject: Mid-County Warning Letter Response
Date: Tuesday, May 22, 2018 11:48:53 AM
Attachments: Response to Mid County Warning Ltr 052218.pdf

Michelle, good morning,

Attached please find my response to your March 9, 2018 Warning Letter and our subsequent discussion in your office on April 12, 2018 with Steve Thompson and members of my team.

I apologize for the delay in getting this response to you. I wanted to provide you with a comprehensive description of our recent activities so that you would better understand the efforts we have initiated with respect to the items you brought up in the Warning Letter. My team clearly understands the importance of operating and maintaining our facilities so that we are fully compliant with DEP's rules and regulations as well as the requirements and conditions contained in our Mid-County WWTP Operating Permit. As you know from your recent facility inspections of Mid-County, we are willing and able to make prudent capital investments in our facilities while also supporting the ongoing needs of our operations staff. Seyd Matteson and his team have the necessary knowledge, skills, experience and training to meet our obligations routinely.

Please do not hesitate to contact my office if you have any questions or need additional clarification.

Regards,
Patrick

Patrick C. Flynn
Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714-4027
Ph: (866) 842-8432, x1359
pcflynn@uiwater.com

Utilities, Inc.

May 22, 2018

Ms. Michelle Holton
Compliance Assurance
FDEP – Southwest District Office
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

RE: Mid-County WWTF
Facility ID# FL0034789
Warning Letter #WL18-21DW52SWD
Pinellas County

Dear Ms. Holton:

It was a pleasure meeting with you and Steve Thompson on April 12, 2018 in your office to discuss issues noted in the above referenced Warning Letter. The purpose of this letter is to inform you of actions completed or to be undertaken shortly to resolve the various issues. Below is a recap of items discussed in our meeting and my responses:

REUSE FEASIBILITY STUDY

In April Utilities, Inc. of Florida selected an engineering firm to generate an updated reuse feasibility study regarding the Mid-County WWTP. I expect to forward your copy of the study to you by approximately mid-July. We have provided the consultant, Wade Wood, P.E. of Kimley-Horn, with a copy of the 1998 feasibility study for reference. You and Steve indicated that it would be sufficient for us to refresh the estimated costs identified in the 1998 report given that 20 years has passed since the last study was submitted to the Department, that we didn't need to start from scratch. However, I gave direction to Kimley-Horn to expand his scope to have him identify those plant improvements that would be necessary for the plant to meet Class I reliability requirements in conformance with the Department's current rules, regulations and policies. I am not sure that the 1998 study covered all pertinent components and aspects of the facility that ought to be considered when conducting our 2018 analysis.

The 1998 study contemplated the construction of a pipeline connecting the Mid-County Plant to Pinellas County's reuse system. However, a cursory study done in 2001 by PBS&J indicated that the City of Dunedin was willing to take all the reuse we could supply irrespective of their reuse demand. I reached out to the City to see if that approach is still valid. They indicated they are still interested in discussing the conceptual plan. Whether a project comes to fruition is yet to be determined.

PLANT STAFFING

As mentioned in our meeting, we added another licensed operator, Kevin O'Neill, to the Mid-County operations team in January 2018. My staff has had to make do being short-

handed for most of the last two years at Mid-County due to having one operator position vacant for most of that time due to turnover. Because Mr. O'Neill is certified in

both water and wastewater plant operations (holds Class B certification in both), we reassigned him to Mid-County in January and then backfilled the water operator position associated with his previous role. He has a wealth of experience and skill in wastewater plant operations and certainly has been a good addition to the team. By having this additional full-time operator added to the Mid-County team, we are better able to maintain, monitor and manage the facility on a daily basis and thus operate the plant more effectively.

In advance of severe weather events that are likely to impact the Mid-County Plant and its collection system, such as a hurricane, we adjust our staff's work schedules to staff the plant around the clock instead of 8-10 hours per day. We staffed the Mid-County Plant during and after Hurricane Irma in this manner, which was very beneficial in maintaining the plant's performance and effluent quality despite the challenges associated with the storm. By having a certified operator on site on a continuous basis, we responded quickly to plant and lift stations issues as they arose and called in additional resources as needed.

Our new asset management system, referred internally as our Operations Management System or OMS, was rolled out to all water and wastewater systems in Florida in February. OMS will provide operations staff with the means to schedule maintenance activity, document all capital improvements and repairs, and provide analysis of our assets on a programmed basis. This will extend the life of our assets as well as reduce the frequency and cost of corrective maintenance activities. This tool will also be the platform to document our preventative and corrective maintenance activities within a comprehensive tracking and report tool, all with the goal of optimizing the treatment process, increasing the reliability and service life of our equipment, and supporting the management of our facilities.

Our operations staff has established contacts with the various mobile home park property managers within our service area over the last year. Our aim is to provide them with information and guidance regarding their responsibility to operate and maintenance their collection system facilities on an ongoing basis. Additionally, we purchased two open channel flow meters and ancillary equipment that allows us to measure wet and dry weather flow through any manhole, including those that receive flow from private systems such as MHP's. This will be extremely helpful in tracking and quantifying sources of excess inflow and infiltration during wet weather periods. The data will then be used to shape our capital improvement plan with the goal of minimizing excess I&I going forward and thus reduce our base and peak flow patterns.

The Utility continues to inspect and clean areas in the collection system on an ongoing basis. To date, approximately 75% of the collection system's gravity mains have been cleaned and inspected over the last six years. Some areas have been inspected more than once reflecting the amount of clay pipe in our system. Vitreous clay pipe tends to have a higher frequency of deficiencies per foot of pipe installed compared to other pipe materials. Portions of our collection system have been smoke tested as well.
The neighborhoods that have not yet been evaluated are composed primarily of PVC pipe, and based on our lift station runtime analysis and open channel flow monitoring data, these areas are unlikely to be a significant source of excess I&I. It is our goal to video inspect approximately 10% of the gravity mains each year. Therefore, it will likely be approximately three years before the remaining 25% is cleaned and inspected.

PERMIT EXCEEDANCES

A SCADA system was installed at the Mid-County Plant in April 2016. Since that time, the equipment has been enhanced multiple times by our SCADA contractor to support the evolving needs of our operations staff. We now have the means to monitor the plant's performance remotely, and because of that, we have shortened our response time when alarms occur.

A separate but integral capital project completed last year was the purchase and installation of analytical equipment that monitors phosphorus and nitrogen concentrations at key sample locations in the treatment process on a continuous basis. The $CBOD_5$ exceedances in November 2017 were attributable to operations staff working through the process of establishing the optimum methanol feed rate ahead of our deep-bed denitrification filters. If the methanol is underfed, the total nitrogen in the effluent will exceed the permit limit of 3 mg/L. Overfeeding methanol may cause an increase in $CBOD_5$ concentration that exceeds the permit limit of 5 mg/L. Seyd Matteson, the Lead Operator at Mid-County Plant, has taken the lead in fine tuning the algorithm that is used to control the methanol feed rate. Seyd initiated a process of making discrete adjustments to the methanol feed pump control scheme followed by sampling and analyzing for TN and $CBOD_5$. He is using the resulting lab data to identify the optimum setpoints that minimize both TN and CBOD in the effluent. In February, there were no exceedances for either TN or CBOD. In March, one sample was slightly above the limit. Seyd will continue his efforts to find the sweet spot where both values are sustainable below their respective limits.

In February, we replaced some of the sand media in the deep bed filters that had been lost over time during filter backwash cycles. This maintenance activity increased the efficiency of the denitrification process by restoring the media volume to the original design specifications. Subsequently, filter runtimes between backwashes increased substantially and the number of "bumps" decreased resulting in less volume of water being recycled through the treatment process.

In mid-December, the clarifier on the south treatment train failed due to wear and tear of the moving parts after more than 10 years of continuous use since the last overhaul. Some of the key chain drive components and some of the flights that propel the settled sludge towards the end hopper wore out. Subsequently, all the influent flow was diverted to the north plant, which is half the size of the south plant, so that the south plant's clarifier could be isolated from the air bays, drained, evaluated, and refurbished. The repairs were completed and the south clarifier was returned to service in early January.

The TSS and TN exceedances reported in December and January were a direct result of the work done to the south clarifier. Since then, the south plant has been performing as it should. Following the end of the high season in early April, Seyd scheduled an inspection of the north plant clarifier by diverting all the influent flow to the south plant temporarily, draining the north clarifier, addressing critical repairs, taking stock of parts that are due for replacement, and then returning the clarifier to service. Spare parts that were not already on hand were ordered. After receiving them, another diversion will be scheduled with our contractor to complete the additional repairs prior to the start of the next high season in November.

FOAM IN CURLEW CREEK AT THE OUTFALL PIPE

In January a resident of Doral MHP reported the presence of white foam on the surface of Curlew Creek directly downstream from our outfall pipe. Prior to January, foam had not been present in the effluent nor on the surface of the treatment units. In response to the complaint, our plant operations staff began an evaluation of the foam to determine its makeup. The goal was to characterize the foam, then adjust the treatment process to would minimize its presence in the effluent. Lab analysis of the foam ruled out the foam as being made up of fats, oils or grease (FOG). There was minimal CBOD present in the samples. Other than the foam, which is really a smattering of small bubbles that varies in volume throughout the day, the plant's effluent quality was excellent.

We also modified the influent piping to the chlorine contact chamber. By adding a turn down pipe, the flow enters the tank below the surface. This modification reduced turbulence, which resulted in less foam generated in that tank.

After receiving the complaint, we took samples from each quadrant of the collection system near the plant and analyzed them for CBOD and FOG so that we might discern which portion of the system was the source. Our hope was to identify a difference in influent strength or characteristic that would then lead us to take additional samples further upstream in a specific quadrant and thus ultimately pinpoint the source of the material that was generating the foam. That approach was not successful. We found no significant difference in influent CBOD levels between the four samples.

Our next step was to develop a program to educate our commercial customers who have grease traps and oil separators at their places of business of the importance of inspecting and cleaning out their facilities on a periodic basis. We began reaching out to those

customers in May and informed them that we would be performing our own inspections to verify conformance with our program.

ADDITIONAL ACTIVITIES

The Utility recently completed an electrical upgrade of the facility to provide better reliability of equipment. This includes replacing most of the electrical control panels and disconnects throughout the plant, converting incoming line voltage from 230V to 480V service for better reliability and energy efficiency, replacing the pole lights with LED fixtures, and running new conduits and conductors as needed.

Also included in the scope of the project was the replacement of the plant's 500Kw emergency generator, its separate above-ground diesel fuel storage tank, and the three original automatic transfer switches with a new 500 Kw diesel generator with sound attenuated enclosure, a 2,500-gallon sub-base fuel tank with interstitial monitoring, and a single 1,200-Amp automatic transfer switch. We then removed all the original equipment including overhead wiring, pole transformers, and power poles. All conductors are now located below grade.

Please be assured that Utilities, Inc. of Florida, through the work of its operations and management team, is committed to the objective of full compliance with our operating permit's conditions and requirements. Our goal is to generate zero exceedances of our permit and thus protect the environment of Curlew Creek while being a good neighbor to the residents of Doral MHP.

If you should have any questions, please do not hesitate to contact me at (321) 972-0359 or via email at pcflynn@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Patrick C. Flynn
Vice President of Operations

ec: Mike Wilson, Regional Manager
Lee Neal, Area Manager
Scotty L. Haws, Compliance & Safety Manager

FLORIDA DEPARTMENT OF
Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

September 5, 2019

Patrick C Flynn
200 Weathersfield Ave
Altamonte Springs, FL 32714-4027
PCFlynn@uiwater.com

Re: Warning Letter
Wekiva Hunt Club WRF; Facility ID No. FL0036251
Sanitary Sewer Overflow(s) at 144 Ledbury Drive, Longwood (SWO#2019-4052)
Seminole County

Dear Mr. Flynn:

On July 24, 2019, the Florida Department of Environmental Protection ("Department") was notified via State Watch Office ("SWO") that Wekiva Hunt Club Facility, had an unauthorized discharge or unpermitted sanitary sewer overflow ("SSO") of approximately 254,000 gallons of untreated wastewater in potential violation of Chapter 403, Florida Statutes ("Fla. Stat."), and Chapter 62-620, Florida Administrative Code ("Fla. Admin. Code"), which prohibits unauthorized discharges.

In addition, on August 26, 2019, an unauthorized discharge or unpermitted sanitary sewer overflow ("SSO") of approximately 200 gallons of untreated wastewater occurred at a manhole on Sable Palm Drive.

If you have not already notified the District office of the abnormal event and submitted the follow-up 5-day report as required by permit, we request that you respond in writing within **15 days** of receipt of this Warning Letter. Your written or emailed response shall be directed to Marcos Ruiz via email at Marcos.Ruiz@FloridaDEP.gov and shall include the following information:

- Provide the most current information regarding the specific SSO incident stated above, including:
  - What is the final spill volume of the SSO?
  - Did the SSO reach surface waters?
  - How much of the SSO's volume reached surface waters, if any?
  - How much volume of the SSO was recovered?
  - How much volume of the SSO was not recoverable?
- Describe what happened to cause the SSO;
- Describe the actions taken to remediate the SSO; and

- Describe the actions taken, or to be taken, to prevent future SSOs of this nature.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Sections 403.121 and 403.161, Fla. Stat.

Based on our review of the submitted information, a meeting or teleconference may be required. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Fla. Stat. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

For: Aaron Watkins
District Director
Central District

cc: Marcos Ruiz, FDEP, Marcos.Ruiz@FloridaDEP.gov
Daniel Hall, FDEP, Daniel.Hall@FloridaDEP.gov
David Smicherko, FDEP, David.Smicherko@FloridaDEP.gov

Utilities, Inc. of Florida

September 10, 2019

Mr. Marcos Ruiz
Florida Department of Environmental Protection
Central Distirct
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Warning Letter
Wekiva Hunt Club WRF; Facility ID No. FL0036251
Sanitary Sewer Overflow(s) at 144 Ledbury, Longwood (SWO#2019-4052)
Seminole County

Dear Mr. Ruiz:

This office has received the above referenced correspondence dated September 5, 2019 regarding two separate incidents that were reported by the Utility to the Department in accordance with FDEP rules. As requested the following information is being provided;

July 24, 2019 – Wekiva Hunt Club WWTF 14" Force Main Break

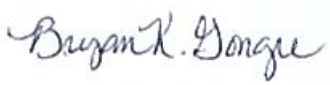
Approximately 251,733 gallons of sewerage was spilled. Of this amount 2,700 gallons flowed on the ground surface to an area northeast of the operations building. The remaining 249,033 gallons was contained in plant RIB #1. None of the sewerage reached any surface waters. The flow captured in RIB #1 covered the pond bottom at a depth that was not recoverable and mainly percolated into the soil below. The loss of sewerage was the result of a 14" AC force main break where it appears a crack developed in the pipe eventually allowing for a piece of pipe to become dislodged. The damaged section of force main was physically removed and replaced with a section of PVC pipe and two couplings. The Utility has implemented an asset replacement program targeting certain sections of pipeline to be replaced based upon size, type of material, years in service and repair history. This particular section of pipeline is scheduled for repalcment in 2021.

August 26, 2019 – Intersection of Sabal Palm Drive and Sabal Palm Drive Manhole Overflow

Approximately 200 gallons of sewerage was spilled from a sanitary sewer manhole. The sewerage flowed to an adjacent stormwater inlet that has an unknown discharge location. It is not known as to whether any of the spilled amount reached a stormwater pond. None of the spilled amount was recoverable. A downstream grease blockage was the root cause of the SSO. The grease blockage was removed and the sytem was returned to normal operating conditions. This section of the collection system has been placed on a quarterly cleaning cycle. Information pertaining to the proper disposal of FOGs has been placed on the Utility's web site to raise customer awareness.

We hope you find this information helpful in addressing the matter at hand. If you should have any questions or if I can be of further assistance, please contact me via email bkgongre@uiwater.com or by phone at (321) 972-0360.

Sincerely,
UTILITIES INC. OF FLORIDA



Bryan K. Gongre
Regional Manager

Ec: Patrick Flynn, Vice President
Seyd Matteson, Safety & Compliance

FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

September 16, 2019

Bryan Gongre, Regional Manager
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714
bkgongre@uiwater.com

Re: Wekiva Hunt Club WRF
Facility ID # FL0036251
Seminole County

Dear Mr. Gongre:

Department personnel has conducted a review of the correspondence received on September 12, 2019. Based on the information provided during and following the review, the facility was determined to be in compliance with the Department's rules and regulations.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Marcos Ruiz at 407-897-2945 or via e-mail at Marcos.Ruiz@FloridaDEP.gov.

Sincerely,

Daniel K. Hall, Manager
Central District
Florida Department of Environmental Protection

cc: Marcos Ruiz, FDEP

FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

September 16, 2019

Bryan Gongre, Regional Manager
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714
bkgongre@uiwater.com

Re: Wekiva Hunt Club WRF
Facility ID # FL0036251
Seminole County

Dear Mr. Gongre:

Department personnel has conducted a review of the correspondence received on September 12, 2019. Based on the information provided during and following the review, the facility was determined to be in compliance with the Department's rules and regulations.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Marcos Ruiz at 407-897-2945 or via e-mail at Marcos.Ruiz@FloridaDEP.gov.

Sincerely,

Daniel K. Hall, Manager
Central District
Florida Department of Environmental Protection

cc: Marcos Ruiz, FDEP

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

October 17, 2019

Patrick Flynn, Vice President
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@uiwater.com

Re: Warning Letter
Wekiva Hunt Club WWTF; Facility ID No. FL0036251
Sanitary Sewer Overflow(s) at 144 Ledbury Drive &/or SWO#2019-5704
Seminole County

Dear Mr. Flynn:

On October 8, 2019, the Florida Department of Environmental Protection ("Department") was notified by Utilities Inc. of Florida via the State Watch Office ("SWO") that the Wekiva Hunt Club WWTF had an unauthorized discharge or unpermitted sanitary sewer overflow ("SSO") of approximately 1.2 million gallons of raw sewage, of which a large amount entered Sweetwater Creek, in potential violation of Chapter 403, Florida Statutes ("Fla. Stat."), and Chapter 62-620, Florida Administrative Code ("Fla. Admin. Code"), which prohibits unauthorized discharges.

If you have not already notified the District office of the abnormal event and submitted the follow-up 5-day report as required by permit, we request that you respond in writing within **15 days** of receipt of this Warning Letter. Your written or emailed response shall be directed to Marcos Ruiz via email at Marcos.Ruiz@FloridaDEP.gov and shall include the following information:

- Provide the most current information regarding the specific SSO incident stated above, including:
  - What is the final spill volume of the SSO?
  - Did the SSO reach surface waters?
  - How much of the SSO's volume reached surface waters, if any?
  - How much volume of the SSO was recovered?
  - How much volume of the SSO was not recoverable?
- Describe what happened to cause the SSO;
- Describe the actions taken to remediate the SSO; and
- Describe the actions taken, or to be taken, to prevent future SSOs of this nature.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Sections 403.121 and 403.161, Fla. Stat.

Based on our review of the submitted information, a meeting or teleconference may be required. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Fla. Stat. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

For: Aaron Watkins
District Director
Central District

cc: Marcos Ruiz, FDEP

Utilities, Inc.

April 14, 2015

Mr. Aaron Watkins
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Wekiva Hunt Club WWTF
Facility ID# FL0036251
Consent Order – OGC Case No. 15-0039
SPCD – CAP – 15-3284
Seminole County

Dear Mr. Watkins:

Per Paragraph 11, page 4 of the above referenced Consent Order, please find attached check number 961244 in the amount of $1,000.00.

Also find attached for the Department's review and approval Exhibit A, a P2 project plan also referenced in paragraph 11, page 4 of the Consent Order.

If you should have any questions or concerns, please do not hesitate to contact me at (800) 272-1919 ext. 1362 or via email at slhaws@uiwater.com.

Sincerely,

SANLANDO UTILITIES CORPORATION

Scotty L. Haws
Compliance & Safety Manager

EC: Patrick C. Flynn, Vice President
Bryan Gongre, Regional Manager
John Hoy, President

RECEIVED
APR 15 2015
DEP Central District

Exhibit A

P2 Project Plan

Wekiva Hunt Club WWTF
200 Weathersfield Avenue
Altamonte Springs, FL 32714
800.272.1919
Bryan K. Gongre/Regional Manager

RECEIVED
APR 15 2015
DEP Central District

A. **Project Description**: Purchase and installation of a PowerGUARD system at the Wekiva WWTF Reuse building. (3) PowerGuard IND 480V 3D Units will be installed between the commercial power meter and the motor drives for the reuse pumping equipment.

B. **Environmental and Economic Benefits**: The PowerGUARD equipment provides for a reduced kW demand and kWh consumption by conditioning the incoming commercial power supply.

The estimated reduction in annual power consumption is 39,420 kWh per year thereby lowering yearly operating costs by $3,587.00 and reducing the facilities carbon footprint by using less electricity to operate the pumps and equipment.

Figures quoted should represent weights or volumes annually, and should be equalized for production rate changes. Associated cost savings should be included. **Describe specifically using the tables provided.**

Complete the first table for each per Project individually. Add or average corresponding figures from each Project table to complete the Plan table, *for multiple Projects*.)

Wekiva WWTF PowerGUARD Project							
Annual Resource Consumption Comparison							
Item	Quantity Used/kwh-			Purchasing Cost ($)			Percent (%) Reduction
	Before	After	Reduction	Before	After	Reduction	
Water							
Chemicals							
Materials							
Energy	1,058,940	1,019,520	39,420	96,055.00	92,468.00	3,587.00	3.7
Total Annual Cost Savings = $3,587.00							
Annual Waste Generation Comparison							
Item	Quantity Generated (gal/lb/tons- **specify**)			Disposal Cost ($)			Percent (%)

	Before	After	Reduction	Before	After	Reduction	Reduction
Hazardous Waste							
Industrial Wastewater							
Solid Waste							
Air Emissions							
Total Annual Cost Savings =							
Total Annual Avoided Cost Savings =							

Summary of All P2 Projects							
Annual Resource Consumption Comparison							
Item	Quantity Used (gal/lb/kwh-**specify**)			Purchasing Cost ($)			Percent (%) Reductio
	Before	After	Reduction	Before	After	Reduction	
Water							
Chemicals							
Materials							
Energy	1,058,940	1,019,520	39,420	96,055.00	92,468.00	3,587.00	3.7
Total Annual Cost Savings = $3,587.00							
Annual Waste Generation Comparison							
Item	Quantity Generated (gal/lb/tons-**specify**)			Disposal Cost ($)			Percent (%) Reductio
	Before	After	Reduction	Before	After	Reduction	
Hazardous Waste							
Industrial Wastewater							
Solid Waste							
Air Emissions							
Total Annual Cost Savings =							
Total Annual Avoided Cost Savings =							

C. **Project Cost**: (3) PowerGUARD Power Filters at $3,900.00 each for total equipment cost of $11,700.00. Electrical contractor installation costs estimated at $5,000.00. Total estimated cost of project is $16,700.00. With annual savings of $3,587.00 the expected payback period is 4.7 years

D. **Implementation Schedule:**

Equipment Procurement - 2 weeks

Equipment Installation – 2 to 4 weeks

E. **Project Reporting:**

1. Within 90 days of approval of the Project Plan, the Respondent shall submit a P2 Project Progress Report to the Department that describes the Respondent's progress in implementing the P2 Project and meeting the requirements in the Plan, and includes a list of equipment ordered, purchased, and/or installed.

2. Within 180 days of approval of the Plan, the Respondent shall submit to the Department a P2 Project Final Report that includes the following.

a. A confirmation that the information presented in Sections A-C of the Summary is unchanged, or an updated version with the sections changed appropriately. A statement that the Project(s) was/were implemented successfully. An explanation of any problems encountered and corrections applied.

b. Attached expense reports, receipts, purchasing instruments and other documents itemizing costs expended on preparing and implementing the Project.

3. The Department shall review the Final Report and determine:

a. Whether the project was properly implemented; and

b. Which expenses apply toward pollution prevention credits.

4. A $1.00 pollution prevention credit for each $1.00 spent on applicable costs will be applied against the portion of the civil penalty that can be offset.

a. The following costs are allowable to offset the allowable amount of the civil penalty:

i. Preparation of the P2 Project;

ii. Design of the P2 Project;

iii. Installation of equipment for the P2 Project;

iv. Construction of the P2 Project;

v. Testing of the P2 Project;

vi. Training of staff concerning the implementation of the P2 Project; and

vii. Capital equipment needed for the P2 Project.

b. The following costs shall not apply toward P2 credit:

i. Costs incurred in conducting a waste audit;

ii. Maintenance and operation costs involved in implementing the P2 Project;

iii. Monitoring and reporting costs;

iv. Salaries of employees who perform their job duties;

v. Costs expended to bring the facility into compliance with current law, rules and regulations;

vi. Costs associated with a P2 Project that is not implemented;

vii. Costs associated with a P2 Project that has not been approved by the Department; and

viii. Legal costs.

c. If any balance remains after the entire P2 credit is applied to the allowable portion of the civil penalty, Respondent shall pay the difference within 30 days of written notification by the Department to the Respondent that the balance is due.

5. The Department may terminate the P2 Project at any time during the development or implementation of it, if the Respondent fails to comply with the requirements in this document, act in good faith in preparing and implementing the project, or develop and implement the P2 Project in a timely manner. The Respondent may terminate the P2 Project at any time during its development or implementation.

FLORIDA DEPARTMENT OF
Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

May 8, 2020

Patrick Flynn, Vice President
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, Florida 32714
PCFlynn@uiwater.com

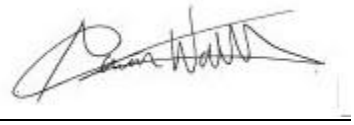
Re: Wekiva Hunt Club WWTP
DW Facility ID # FL0036251
OGC Case No: 20-0108
Seminole County

Dear Mr. Flynn:

Enclosed is a Consent Order ("Order") prepared by the Department for resolution of the referenced enforcement case. Please review this document and within 20 days of receipt, either: 1) return a signed copy to the Department or 2) provide comments and suggested changes. Once fully executed, a copy of the final document will be forwarded to you.

Should you have any questions or comments, please contact Christopher Lewis at 407-897-4345 or via e-mail at Christopher.J.Lewis@FloridaDEP.gov.

Sincerely,



Aaron Watkins, Director
Central District

Enclosure: Consent Order

cc: Chris Lewis, FDEP

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 20-0108
UTILITIES INC. OF FLORIDA	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Utilities Inc of Florida ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds, and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.031(5), F.S.

3. Respondent is the owner and is responsible for the operation of the Wekiva Hunt Club Wastewater Treatment Plant (WWTP), an existing 2.9 million gallon per day (MGD) annual average daily flow (AADF) activated sludge domestic wastewater treatment facility consisting of three (3) contiguous package wastewater treatment plants (0.97 MGD design capacity, each), connected in parallel with mechanical influent screening, flow equalization, aeration, clarification, chemical feed facilities, tertiary filtration, disinfection by chlorination, de-chlorination, two (2) 3.0 million gallon reclaimed water storage tanks, and aerobic digestion of biosolids with dewatering by one (1) vacuum assisted drying bed and one (1) Ashbrook belt filter press with an existing 0.87 MGD annual average daily flow discharge to Sweetwater Creek, Class III fresh waters, (WBID# 2956) which is limited to 30% of the total actual plant

flow, as a back-up to the public access reuse system. ("Facility"). The Facility is operated under Wastewater Permit No. FL0036251 ("Permit"), which was issued on March 31, 2016 and will expire on March 30, 2021. The Facility is located at 144 Ledbury Drive, Longwood FL, 32779, in Seminole County, Florida ("Property"). Respondent owns the Property on which the Facility is located.

4. The Department finds that the following violation occurred: On October 8, 2019, the Wekiva Hunt Club WWTF had an unauthorized discharge of approximately 1.2 million gallons of raw sewage which reportedly entered Sweetwater Creek, a Class III fresh water. The discharge was reported to the Public Notice of Pollution site under incident #3987 and to the State Watch Office as incident #2019-5704. E. coli samples were collected at locations upstream, downstream, and where the discharge entered Sweetwater Creek. The geometric mean results of the E. coli samples collected at the point where the discharge entered Sweetwater Creek was 205 colonies per 100 milliliters (colonies/100 ml). The water quality criteria for E. coli in Class III fresh water is a geometric mean of 126 colonies/100 ml.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 90 days of the effective date of this Order, Respondent shall retain a professional engineer, certified in the State of Florida, to perform a detailed evaluation of the plant headworks to determine existing conditions and propose recommendations to prevent future discharges (Report).

b) Within 120 days of the effective date of this Order, Respondent shall submit a copy of the Report to the Department for approval.

c) Upon Department approval of the Report, Respondent shall complete implementing the recommendations by June 30, 2021.

d) Should the Report's recommendations include activities that require a permit, Respondent shall submit a complete application for a Department wastewater permit to construct within 60 days of the Department's approval of the Report.

e) In the event the Department requires additional information to process the permit application described in subparagraph (d) of this paragraph, Respondent shall provide a written response containing the information requested by the Department within 90 days of the date of the request.

f) If required by the proposed recommendations, Respondent shall submit to the Department a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the Facility, effluent disposal system, and collection system have been constructed in accordance with the provisions of the Permit. This document shall be submitted within 30 days of completion of construction.

6. Every calendar quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These reports shall also include a projection of the work Respondent will perform pursuant to this Order during the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

7. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by paragraph 5(a) – (f) by July 30, 2021 and be in full compliance with Rule 62-620, F.A.C., regardless of any intervening events or alternative time frames imposed in this Order**.**

8. Within 120 days of the effective date of this Order, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the

Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

9. Within 30 days of the effective date of this Order, Respondent shall pay the Department $16,452.06 in settlement of the regulatory matters addressed in this Order. This amount includes $15,952.06 for civil penalties and $500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order. The civil penalty in this case includes one violation that warrants a penalty of $2,000.00 or more.

10. Respondent agrees to pay the Department stipulated penalties as defined in the schedules below.

a) For each and every day Respondent fails to timely comply with any of the requirements of paragraph(s) 5(a) – (f) and 6 of this Order, Respondent agrees to pay stipulated penalties in the amount of $1,000 per day.

b) For unauthorized discharges from any part of Respondent's wastewater collection system or wastewater treatment and disposal facilities, Respondent agrees to pay stipulated penalties assessed according to the volume of the discharge and the number of days the discharge continued and/or impacted surface water, as shown below except in cases where the statutorily defined penalty under 403.121(3) is greater in which case that will be used:

Amount per day per Discharge or Amount per day per Water Quality Violation	Discharge Volume
$500.00	Up to 1,000 gallons
$1,000.00	1,001 to 5,000 gallons
$2,500.00	5,001 to 10,000 gallons
$5,000.00	10,001 to 25,000 gallons
$10,000.00	in excess of 25,000 gallons

The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance

of written demand for payment and shall do so as further described in paragraph 11, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 10 of this Order.

11. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order is final, effective and filed with the Clerk of the Department before ability to make online payment is available.

12. Except as otherwise provided, all submittals and payments required by this Order shall be sent to DEP_CD@floridadep.gov and copied to Daniel Hall, Compliance Manager, Department of Environmental Protection, 3319 Maguire Blvd., Suite 232, Orlando FL 32803 or Daniel.K.Hall@floridadep.gov.

13. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

14. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

15. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

16. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

17. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

18. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

19. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

20. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

21. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

22. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

23. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with UTILITIES INC OF FLORIDA pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the October 8, 2019, 1.2 million gallons, sanitary sewer overflow at 144 Ledbury Drive, Longwood FL. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District office, 3319 Maguire Blvd., Suite 232, Orlando FL 32803**.**

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Central District Office, 3319 Maguire Blvd., Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

24. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelist.htm

FOR THE RESPONDENT:

_____ _____

Patrick Flynn Date
Vice President

DONE AND ORDERED this ____ day of _____, 2020, in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Aaron Watkins
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35

DW_CO (REV. 06/09)

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Florida Department of Environmental Protection

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

November 17, 2017

Patrick C. Flynn, Vice President of Operations
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027
PCFlynn@uiwater.com

Re: Warning Letter
Wekiva Hunt Club WWTP
DW FL0036251
Seminole County

Dear Mr. Flynn:

Complaint Inspections were conducted at your facility on September 20 and November 16, 2017. During these inspections, possible violations of Chapter 403, F.S. and Chapter 62-604, Florida Administrative Code (F.A.C.), were observed.

During the inspections Department personnel noted the following:

- The Rapid Infiltration Basins (RIBs) were being loaded even though the water table elevation in monitoring well MWB-1 was less than 7.0 feet from the top of casing.
  - **Immediate Corrective Action: Cease loading the RIBs until the water table elevation is greater than 7.0 feet below top of casing.**
- The surge tank had overflowed, resulting in discharge of untreated domestic wastewater to the ground surface. This discharge had left the facility property and impacted adjacent land to the east.
- Treated wastewater was being directed to the RIBs without representative sampling.
  - **Immediate Corrective Action: Effluent directed to the RIBs shall have required sampling and meet quality parameters as required.**

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Sections 403.121 and 403.141, Florida Statutes.

Please contact Christine Daniel at (407)-897-2911 within **15 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any

facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

(on behalf of)

Jeff Prather, Director
Central District
Florida Department of Environmental Protection

JP/cd/dkh

Hall, Daniel K.

From: Hall, Daniel K.
Sent: Thursday, July 12, 2018 8:18 AM
To: 'Patrick Flynn'
Cc: Scotty Haws; Bryan Gongre
Subject: RE: Wekiva Hunt Club WWTP Reliability Study, OCG Case#18-0103

Morning Patrick,
Review of the Reliability study has not been completed yet but should be soon. As to the second proposal for the in-kind project, the Department does approve of the submitted plan with no comments.

Thanks,
Daniel

From: Patrick Flynn [mailto:PCFlynn@uiwater.com]
Sent: Monday, July 02, 2018 4:37 PM
To: Hall, Daniel K. <Daniel.K.Hall@dep.state.fl.us>
Cc: Scotty Haws <SLHaws@uiwater.com>; Bryan Gongre <BKGongre@uiwater.com>
Subject: Wekiva Hunt Club WWTP Reliability Study, OCG Case#18-0103

Daniel, good afternoon,
As you know, Steve Romano of Kimley-Horn submitted his analysis and report to the Department on June 11 that reflected his evaluation of the Wekiva Plant as required by the terms of the currently open Consent Order. Have you or other staff had a chance to review it, and if so, do you have any comments or feedback for us? We want to move forward rapidly to implement the various recommended improvements once the Department blesses it.

Also, you are aware that Bryan submitted an in-kind project to you on April 24, 2018 after you informed me that the original project submitted by us in March did not meet the Department's criteria. Please confirm for me that our project to expand our SCADA system to include all 55 Sanlando lift stations meets your criteria. Once the project is completed and closed, Bryan or Scotty will advise you.

Regards,
Patrick

Patrick C. Flynn
Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714-4027
Ph: (866) 842-8432, x1359
pcflynn@uiwater.com

From:	Scotty Haws
To:	Hall, Daniel K.
Cc:	Patrick Flynn; Bryan Gongre
Subject:	Q1 2019 Quarterly Report per OGC Case # 18-0103
Date:	Monday, April 15, 2019 7:29:04 AM
Attachments:	2019 Wekiva Quarterly Report -Q1 to FDEP.pdf

Good Morning, Daniel,

Please find attached the above referenced report.

Thank you,

Sincerely,

Scotty

Scotty L. Haws | Compliance & Safety Manager

WATER GAS ENERGY
WSC Support Services
We Serve Communities

Direct: 321.972.0362 | Internal: 1362
200 Weathersfield Avenue | Altamonte Springs, FL | 32714

Think Safe. **Act** Safe. **Stay** Safe.

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200 Weathersfield Avenue | Altamonte Springs, FL | 32714

Think Safe. **Act** Safe. **Stay** Safe.

From:	Scotty Haws
To:	Hall, Daniel K.
Cc:	Patrick Flynn; Bryan Gongre
Subject:	Q2 2019 Quarterly Report per OGC Case # 18-0103
Date:	Tuesday, June 25, 2019 1:59:35 PM
Attachments:	2019 Wekiva Quarterly Report -Q2 to FDEP.pdf

Good Afternoon, Daniel,

Please find attached the above referenced report.

Thank you,

Sincerely,

Scotty

Scotty L. Haws | Compliance & Safety Manager

WATER GAS ENERGY
WSC Support Services
We Serve Communities

Corix Group of Companies
Direct: 321.972.0362 | Internal: 1362
200 Weathersfield Avenue | Altamonte Springs, FL | 32714

Think Safe. **Act** Safe. **Stay** Safe.

Utilities, Inc. of Florida

January 7, 2020

Ms. Helena Dacenay
Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Warning Letter
Wekiva Hunt Club WWTF
DW-Facility FLA0036251
Seminole County

Dear Ms. Dacenay:

The Utility has received and reviewed the Department's letter dated December 18, 2019 regarding the outcome of the CEI inspection conducted on November 21, 2019 at the Wekiva Hunt Club WWTF.

The Utility acknowledges the comments throughout the inspection report and is providing the following information to address specific corrective action items.

Section 4.1 – The lot numbers and expiration dates for the TRC gel standards and pH buffers have been recorded in the calibration log. The TRC and pH bench meter model and serial numbers have been updated on the comparison logs.

Section 4.2 – Verification of the pH inline meter against a grab sample taken at the same location as the inline meter shall be performed each instance when a discharge event occurs through EFD-1.

Section 4.3 – Within days of the inspection, new thermometers for the influent, effluent composite samplers and lab refrigerator were ordered, received and placed within each unit.

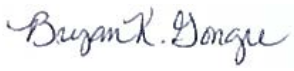
Section 6.1 – Plant #1, #2 and #3 clarifier weirs will be routinely monitored and cleaned on a weekly basis as needed.

Section 13 – Enclosed is a Sanitary Sewer Overflow Response Plan that serves to address the requirement for an O & M Manual for the collection system.

Ms. Helena Dacenay
January 7, 2020
Page Two

We hope this information satisfies the Department's concerns. If additional information is required, please contact me at (321) 972-0360 or by email bkgongre@uiwater.com.

Sincerely,
UTILITIES INC OF FLORIDA



Bryan K. Gongre
Regional Manager

Enclosure

Ec: Patrick Flynn, Vice President
Seyd Matteson, Compliance & Safety Manager
Scott Gosnell, Area Manager

ENGLISH

Instructions

lab Fridge

FRIO-Temp® Thermometer

Serial # 203869 Date NOV 07 2019

Statement of Accuracy and Traceability

This is to confirm the thermometer bearing
the serial number above was compared with standards
traceable to the National Institute of Standards and Technology (NIST).
Accuracy for this thermometer is ±1 scale division from
-50°C(-58°F) to 130°C(266°F) and ±2 scale divisions
for temperatures below -50°C(-58°F) above 130°C(266°F).

The Standard Serial Number is based on the range of the thermometer.
The Standard Serial Numbers calibrated by NIST are as follows:

#7713700 (NIST) for ranges below -30°C
#844016 (NIST) for ranges from -30°C to 10°C
#878708 (NIST) for ranges from 0°C to 50°C
#9810984(NIST) for ranges from 50°C to 100°C
#905354 (NIST) for ranges from 100°C to 150°C
#878735 (NIST) for ranges from 150°C to 200°C

Richard Jackson,
Production Manager

H-B Instrument – SP Scienceware
Triple Accredited/Registered
ISO 9001:2015 Registered Manufacturer
ISO 14001:2015 Registered Manufacturer

For more information
973-694-0500 (p). 973-694-7199 (f)
info@belart.com • www.belart.com/hb

-391-

Instructions for reuniting separated fluid in thermometers
Store thermometers in an upright position to prevent liquid separation
Handle instruments with care. Wear safety glasses and gloves before proceeding

Cooling Method
1. Prepare a solution of shaved ice and salt OR CO2 (Dry Ice) and alcohol.
2. Place the thermometer bulb in the solution, keeping the thermometer upright.
3. Allow the liquid column to retreat into the bulb.
4. Swing the thermometer (bulb down) in an arc, forcing the entrapped gas to rise above the column.
5. Allow the thermometer to warm slowly in an upright position.

Heating Method
1. Heat the thermometer bulb in an upright position in warm liquid, warm air or over a soft flame.
2. Allow the liquid column to rise until the separated portion of the column enters the expansion chamber at the top of the thermometer.

NOTE: over-filling the expansion chamber will break the thermometer.

3. Tap the thermometer gently in an upright position, allowing the gas separating the column to rise above the column.

ENGLISH

Instructions

Raw

FRIO-Temp® Thermometer

Serial # 203867 Date NOV 07 2019

Statement of Accuracy and Traceability

This is to confirm the thermometer bearing
the serial number above was compared with standards
traceable to the National Institute of Standards and Technology (NIST).
Accuracy for this thermometer is ±1 scale division from
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NOTE: over-filling the expansion chamber will break the thermometer.

3. Tap the thermometer gently in an upright position, allowing the gas separating the column to rise above the column.

ENGLISH

Instructions

CCC

FRIO-Temp® Thermometer

Serial # 203871 Date NOV 07 2019

Statement of Accuracy and Traceability

This is to confirm the thermometer bearing
the serial number above was compared with standards
traceable to the National Institute of Standards and Technology (NIST).
Accuracy for this thermometer is ±1 scale division from
-50°C(-58°F) to 130°C(266°F) and ±2 scale divisions
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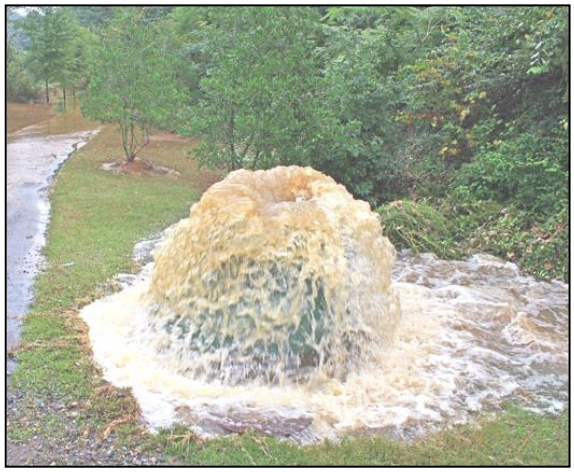
Sanitary Sewer Overflow Response Plan



System Name: Wekiva Hunt Club

Permit No: FL0036251

Address: 144 Ledbury Dr.

City/State/Zip: Longwood, FL. 32779

Phone Number: (407) 682-5651

Fax: (407) 682-5713

Email: pcflynn@uiwater.com

FLORIDA RURAL WATER ASSOCIATION
2970 Wellington Circle • Tallahassee, FL 32309-7813
Phone: (850) 668-2746 ~ Fax: (850) 893-4581
Email: frwa@frwa.net

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SECTION

I. Purpose

II. Objectives

III. Procedures

- **A.** Receipt of Information Regarding a Sanitary Sewer Overflow
- **B.** Dispatch of Sewer Maintenance Personnel to Site of Sewer Overflow
- **C.** Overflow Correction, Containment, and Clean Up
- **D.** Overflow Report

IV. SSO Response Plan Maintenance

V. Appendices

Appendix A – Contacts

Appendix B – Spill/SSO Reporting Form

I. Purpose

This Sanitary Sewer Overflow Response Plan has been prepared in accordance with FDEP regulation 62-604.550. The purpose of this SSO Response Plan is to ensure proper SSO reporting and minimize the adverse effects that may be caused by a Sanitary Sewer Overflow.

This plan is effective beginning on 01/06/2020
Date: mm / dd / yy

This plan will be reviewed and/or updated annually to incorporate any changes in contact information; system components; and/or personnel.

II. Objectives

The objectives of this plan are listed below:

- To protect the public health and the environment
- To meet regulatory and permit requirements
- To develop and implement procedures to mitigate the effects of an SSO
- To protect collection system and wastewater treatment personnel
- To ensure the longevity of the collection system and wastewater treatment plant equipment
- To protect both public and private property
- To minimize regulatory enforcement and/or penalties, resulting from a spill/SSO
- To provide appropriate customer service

III. Procedures

A. Receipt of Information Regarding a Sanitary Sewer Overflow

Sanitary Sewer Overflow's may be recognized and reported by system personnel or by others. The System is responsible to act, in a timely manner, to all reports of a possible SSO. Reports may be received via telephone, email, or by other means.

1. Typically reports received from the public will be received at the utility offices. Personnel collecting information regarding a possible SSO, please obtain the following:
    a. Time and date call was received
    b. Specific location
    c. Description of problem
    d. Time possible overflow was noticed
    e. Reporter's name and phone number
    f. Observations of the reporter
    g. Relevant information that will enable system personnel to quickly locate, assess and stop the overflow
2. Appropriate system personnel will be notified when a possible spill is reported. System personnel must confirm the spill before it will be considered an SSO. Only after confirmation by system personnel will a spill be considered an SSO.
3. Within 24 hours of the confirmation of a Sanitary Sewer Overflow, FDEP will be notified according to FDEP Rule 62-604.550. The rule is provided below:

62-604.550 Abnormal Events.

(1) The provisions of Rule 62-604.550 are applicable to both new and existing domestic wastewater collection/transmission systems.

(2) The owner/operator of the collection/transmission system shall report to the Department all unauthorized releases or spills of wastewater to surface or ground waters from its collection/transmission system or any other abnormal events as described below:

*(a) Unauthorized releases or spills in excess of 1,000 gallons per incident, or other abnormal events where information indicates that public health or the environment will be endangered, shall be reported orally to the **STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519** as soon as practical, but no later than 24 hours from the time that the owner/operator becomes aware of the circumstances. The owner/operator, to the extent known, shall provide the following information to the State Warning Point:*

1. Name, address, and telephone number of person reporting;

2. Name, address, and telephone number of owner/operator of the collection/transmission system or responsible person for the discharge;

3. Date and time of the discharge and status of discharge (ongoing or ceased);

4. *Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);*
5. *Estimated amount of the discharge;*
6. *Location or address of the discharge;*
7. *Source and cause o the discharge;*
8. *Whether the discharge was contained on-site, and cleanup actions taken to date;*
9. *Description of area affected by the discharge, including name of water body affected, if any; and*
10. *Other persons or agencies contacted.*

(b) Unauthorized releases or spills of 1000 gallons per incident or less shall be reported orally to the Department within 24 hours from the time that the owner/operator of the collection/transmission system becomes aware of the circumstances.

(c) The oral notification shall be followed by a written submission, which shall be provided within five days of the time that the owner/operator becomes aware of the circumstances. The written submission shall contain: a description of the spill, release or abnormal event and its cause; the duration including exact dates and time, and if it has not been corrected the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence. The Department shall waive the written report if the oral report has been received within 24 hours from the time that the owner/operator of the collection/transmission system becomes aware of the circumstances, and the release, spill or abnormal event has been corrected and did not endanger health or the environment. [1]

Rule Highlights

- Spills / Sanitary Sewer Overflows greater than 1,000 gallons must be reported to the **STATE WATCH OFFICE** formerly known as STATE WARNING POINT **(800-320-0519)** within 24 hours of learning of the spill/SSO.
- Spills / Sanitary Sewer Overflows that endanger public health or the environment must be reported to the **STATE WATCH OFFICE** formerly known as STATE WARNING POINT **(800-320-0519)** within 24 hours of learning of the spill/SSO.
- Spills / Sanitary Sewer Overflows less than 1,000 gallons must be verbally reported to the FDEP within 24 hours of learning of the spill/SSO.
    - Written report describing the spill/SSO must be provided to the FDEP within five days.
    - The Department shall waive the written report if the oral report has been received within 24 hours from the time that the owner/operator

[1] http://www.dep.state.fl.us/legal/Rules/wastewater/62-604.pdf

of the collection/transmission system becomes aware of the circumstances, and the release, spill or abnormal event has been corrected and did not endanger health or the environment.

B. Dispatch of Sewer Maintenance Personnel to Site of Sewer Overflow

Confirmation of Spills / Sanitary Sewer Overflows will activate an immediate response to isolate and correct the problem. Personnel and equipment shall be available to respond to any and all SSO locations.

1. Dispatching Personnel Instructions

   - When a spill/SSO is received by the system, the necessary response personnel and equipment shall be dispatched to isolate and correct the problem in a timely manner
   - Maintenance personnel will be dispatched by telephone or radio
   - Dispatching personnel must verify that all notified maintenance personnel have received the message

2. Maintenance Personnel Instructions

   - All dispatched maintenance personnel should proceed immediately to the site of the spill/SSO. Any delays and/or conflicts should be promptly reported to the supervisor
   - Upon arrival at the site of the spill/SSO, maintenance personnel will immediately report any and all findings to the Utility supervisor. These findings should include, damage to both public and private property

3. Utility Supervisor Instructions

   - The Utility Supervisor should contact response personnel to assess the spill/SSO, if findings have not been reported within one hour
   - The Utility Supervisor will dispatch additional personnel, supplies, and equipment as needed or requested by dispatched maintenance personnel

4. Initial Damage Assessment

   - All dispatched personnel must use discretionary action when responding to a spill/SSO. Dispatched personnel must be aware that the System may be responsible and/or liable for further damage to private property
   - Dispatched personnel should not enter private property without authorization from the Utility Supervisor
   - In order to thoroughly document the affected area, the dispatched personnel will take appropriate photos and/or video. Any photos and/or video will be retained and filed with the spill/SSO report

5. Field Supervision and Inspection

   - The Utility Supervisor will ensure that the guidelines outlined in this SSO Response Plan are properly implemented
   - The Utility Supervisor is responsible for properly notifying FDEP, according to FDEP Rule 62-604.550, within the amount of time specified within the rule

6. Hazardous Material Response

   - Upon arrival at a spill/SSO, should dispatched personnel confront a suspicious substance (oil sheen, foam, etc.) or odor (gasoline, etc.), the dispatched personnel should contact the Utility Supervisor prior to taking further action
   - The Utility Supervisor will contact a HAZMAT team, should it be deemed necessary. Dispatch personnel will await the arrival of the HAZMAT team
   - The Utility Supervisor will remain in contact with the HAZMAT team. Once the HAZMAT team determines it is safe, the system will continue appropriate response, in accordance with the SSO response plan

C. Spill/SSO Correction, Containment, and Clean-up

The objectives of the actions taken by system personnel are:

- To protect public health, the environment, and property from a spill/SSO
- To restore the surrounding area/property back to normal as quickly as possible
- To establish an appropriate perimeter to contain the spill/SSO, using equipment (traffic cones, barricades), existing infrastructure (fencing, etc.), and/or natural boundaries (berm, ditch, stream, etc.)
- To notify the appropriate regulatory agencies within permitted timeframe
- To protect surface water from contamination
- To minimize regulatory enforcement and/or penalties, resulting from a spill/SSO

1. Upon arrival at a spill/SSO, the dispatched system personnel will perform the following:

   - Determine the cause of the spill/SSO (collection line blockage, lift station malfunction, line break, etc.).
   - Report findings to Utility Supervisor and identify or request additional personnel and equipment to minimize the affects of the spill/SSO.
   - Should it be determined the cause of the spill/SSO is not the responsibility of the system, dispatched personnel will;
     - Take appropriate action to protect public health, property (public and private), and surface water bodies from immediate danger.

2. Containment of a spill/SSO will be of utmost priority and will include, but are not limited to, the following measures:

   - Determine the immediate destination of the spill/SSO (storm drain, water body, ditch, etc.)
   - Identify and request the necessary personnel and equipment to contain and minimize the affects of the spill/SSO
   - Take the appropriate, immediate action to contain the spill/SSO

3. Additional measures may be necessary to contain a prolonged spill/SSO. These measures will be determined and implemented by the Utility Supervisor.

4. Clean up of a spill/SSO will be prompt and thorough. The necessary measures will be taken to eliminate any identifiable evidence of the spill/SSO.

   - If possible, photos will be taken before and after clean up. Photos will be filed with the spill/SSO report
   - The affected area will be cleaned of any sewage and debris. All materials collected will be properly disposed of
   - The area will be secured to prevent public contact until the affected area has been thoroughly cleaned
   - The spill/SSO site should be disinfected and deodorized, if appropriate
   - If spill/SSO has affected a surface water body, the FDEP will be contacted for specific instructions

D. Overflow Reporting

The Utility Supervisor will complete the required reports and submit them to the FDEP. All spills/SSO will be reported to FDEP, according to FDEP Rule 62-604.550. This information should include, but is not limited to, the following:

The italicized list below is taken from the FDEP website.

- *Name, address, and phone number of person reporting the spill*
- *Name, address, and phone number of the responsible party*
- *Date and time of the discharge; Status of the discharge (ongoing or stopped)*
- *Characteristics of the discharge (untreated, treated, industrial, or domestic wastewater)*
- *Estimated amount of the discharge*
- *Location or address of the discharge*
- *Source and cause of the discharge*
- *Whether the discharge was contained on-site, and any cleanup actions taken to date.*
- *Description of area affected by the discharge, including name of water body affected, if any.*
- *Other persons or agencies contacted*
- *Additional information*

For accurate reporting purposes, system personnel should gather the following information:

- Determine if the spill/SSO has affected any surface water bodies
- Estimate the start time of the of the spill/SSO:
  - Date/time reported and confirmed by system personnel
  - Visual observations
- Estimate the stop time of the spill/SSO:
  - Date/time the blockage or equipment malfunction has been corrected
  - Date/time system personnel arrived onsite, if spill/SSO stopped before system personnel arrived
- Visual Observations
  - Estimate the flow rate of the spill/SSO
  - Estimate the volume of the spill/SSO
  - Take photos for documentation
  - Assess damage to public and private property (System personnel will not enter private property to assess damage, unless authorized by the Utility Supervisor)

IV. SORP Maintenance

This Sanitary Sewer Overflow Response Plan will be reviewed annually. Amendments may include:

- Changes in procedure
- Changes in contact personnel
- Changes due to regulatory requirements

V. Appendices

Appendix A

CONTACTS

State Warning Point – 800-320-0519

"Spills which are of 1,000 gallons or greater, or which may threaten the environment or public heath are required to be immediately reported by a utility to the Florida Department of Environmental Protection (FDEP) through a **toll-free, 24-hour hotline** known as the State Warning Point."[2]

Contact / Affiliation	Phone	Email
Florida Rural Water Association	(850) 668-2746	FRWA@frwa.net
FDEP Inspector(s)	**Helena Dacenay**	**Helena.Dacenay@floridadep.gov**
System Owner/Operator	**Patrick Flynn, VP**	**pcflynn@uiwater.com**
Utilities Supervisor	**Scott Gosnell, AM**	**sgosnell@uiwater.com**
Utility Manager	**Bryan Gongre, RM**	**bkgongre@uiwater.com**
HAZMAT	**911**	

[2] *FDEP. 12/21/2010*<http://www.dep.state.fl.us/water/wastewater/wce/spills.htm>.

Appendix B

SANITARY SEWER OVERFLOW REPORT FORM

1. General Information

Facility ID: _____

Authorized representative filing this form:

Name: _____

Title: _____

E-mail Address: _____

Type of filing report: *(check one)*

☐ Initial

☐ Final

Date of filing report: *(check one)*

☐ Initial ____/____/____

☐ Final ____/____/____

2. Reporting of Spill/SSO

-Less than 1,000 gallons-

Verbal report to FDEP

Date: _____

Contact: _____

-Greater than 1,000 gallons-

Contacted STATE WARNING POINT

Date: _____

Contact: _____

-Endangered public health-

Contacted STATE WARNING POINT

Date: _____

Contact: _____

Oral Report Provided to FDEP within 24 hours

FDEP Contact: Helena Dacenay
Phone Number: (407) 897-4342
E-mail Address: Helena.Decaney@floridadep.gov
FDEP Office: Central District
Date of phone notification: ____/____/____

Spill/SSO Location and Description

Location:

City/Town/Village: _____

Address or Landmark: _____

_____

_____

Discharge Location: *(check one)*

- ☐ *Directly to receiving ground water*
- ☐ *Ground*
- ☐ *Receiving water via storm drain*
- ☐ *Building*
- ☐ *Other* _____

SEWER OVERFLOW RESPONSE PLAN (SORP)

Type of overflow *(check one)*

- ☐ *Gravity sewer manhole*
- ☐ *Pump station*
- ☐ *Bypass at treatment plant*
- ☐ *Other* _____

Time of Spill/SSO Incident

- When did the incident begin? Date: ____/____/____
- Was the overflow/bypass event ongoing at the time of report: *(check one)*

☐ Yes ☐ No

If yes, how long is the incident expected to continue? _____

_____

If no, when did event end? Date: ____/____/____

Time: _____

General Information about Overflow at this Location

Estimated volume of overflow released at time of report: _____

_____

Method of estimating volume: _____

_____

Estimated total volume of overflow released at end of incident: _____

_____

Were photos taken: *(check one)* ☐ Yes ☐ No

Corrective measures taken: *(check one)*

- ☐ *No action*
- ☐ *Removed blockage*
- ☐ *Repair pump station*
- ☐ *Other* _____

_____

_____

_____

Cause of overflow/bypass (*check ALL that apply*):

- ☐ *Rain*
- ☐ *High ground water*
- ☐ *Other excessive flow*
- ☐ *Sewer system blockage or collapse*
- ☐ *Pump /lift station failure*
- ☐ *Other* _____

_____

_____

_____

Additional comments: _____

FIVE DAY WRITTEN INCIDENT REPORT

Complete this notification form and use the space below to include any additional information regarding the overflow. Include any steps taken or planned to prevent a recurrence. Submit this form to the FDEP office within five days of becoming aware of the incident. _____

FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

October 17, 2019

Patrick Flynn, Vice President
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, Florida 32714-4027
PCFlynn@uiwater.com

Re: Wekiva Hunt Club WWTF/Consent Order – OGC No. 18-0103
DW Facility ID # FL0036251
Seminole County

Dear Mr. Flynn:

The purpose of this letter is to inform you that the Department's Consent Order with Utilities Inc. of Florida has been modified. On August 12, 2019, Kimley-Horn, on behalf of Utilities Inc. of Florida, requested an extension of time for the completion of corrective actions. The Department acknowledges Utilities Inc. of Florida's commitment to moving forward with corrective actions outlined in the Consent Order and in accordance with your request for an extension and in order to provide Utilities Inc. of Florida an opportunity to continue moving forward; the Department agrees to provide the following modification to paragraph 9 of the Consent Order;

1) On or before January 31, 2021, Respondent shall complete all corrective actions referenced in paragraphs 6,7, and 8 of the Consent Order.

Failure to meet the above deadlines and modifications or any other requirements of the Order may subject Utilities Inc. of Florida to stipulated penalties in accordance with paragraph 11 of the Order.

Should you have any questions or comments, please contact Manuel F. Cardona at 407-897-4134 or via e-mail at Manuel.Cardona@FloridaDEP.gov

Your cooperation in this matter will be appreciated.

Sincerely,

For: Aaron Watkins
Director, Central District

AW/ds/mfc
Attachment: Consent Order

cc: Lea Crandall, OGC, Lea.Crandall@dep.state.fl.us
Zoey Carr, Daun Festa, David Smicherko, Manuel Cardona, Central District

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 18-0103
UTILITIES, INC. OF FLORIDA	)	

CONSENT ORDER

This Amended Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Utilities, Inc. of Florida ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.031(5), F.S.

3. Respondent is the owner and is responsible for the operation of the Wekiva Hunt Club wastewater treatment plant (WWTP) and collections system, a 2.9 million gallon per day (MGD) annual average daily flow (AADF) domestic WWTF facility with surface water discharge (D-001) and land application (R-001 and R-002) ("Facility"). The Facility is operated under Wastewater Permit No. FL0036251-22-DW1 ("Permit"), which was issued on March 29, 2016, became effective March 31, 2016, and will expire on March 30, 2021. The permit was modified for reporting requirements October 21, 2016 (FL0036251-23-DWF). The Facility is located at 144 Ledbury Drive, Longwood 32779-4609, in Seminole County, Florida ("Property"). Respondent owns the Property on which the Facility is located.

4. The Department finds that the following violations occurred:

a) From September 11, 2017 through September 28, 2017, the Facility's surge tank overflowed daily, releasing an estimated 25,000 gallons of raw sewage to the ground surface in violation of 403.161, Florida Statutes (F.S.) and 62-604.130, Florida Administrative Code (F.A.C.). The overflows were caused by high flows related to Hurricane Irma and reduced treatment capacity due to one train being off-line for rehabilitation during hurricane season, resulting in 33% less capacity. The Respondent estimated overflow volume to be 25,000 gallons, a portion of which was found to have left the Facility property to the east.

b) Respondent failed to notify the Department as required within 24 hours of discovering the surge tank overflows. The first overflow occurred on September 11, 2017 but the Department was not notified until a report was made to the State Watch Office (SWO 2017-7820) on September 17, 2017, in violation of 62-620.610(20), F.A.C.

c) Reviews of the Discharge Monitoring Reports (DMRs) for July, August, September, and October 2017 noted exceedances of the D-001 permit limit of 40 pounds per month (lb/mo) for Total Phosphorus of 42.3, 48.6, 99.3, and 98.4 lb/mo, respectively. This is a violation of 62-4.030, F.A.C. and 62-304.506(2)(a), F.A.C.

5. Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

6. Respondent shall comply with the following corrective actions within the stated time periods:

a) The Respondent shall comply with all terms and conditions of its wastewater permit.

b) Within 90 days of execution of this order, Respondent shall complete the rehabilitation of the three treatment trains currently under way, preventing further exceedances of the Total Phosphorus limit at the D-001 discharge point. Respondent will cease loading the Rapid Infiltration Basins when the groundwater elevation at Groundwater Monitoring Well #3 exceeds the subject permit criteria.

c) Respondent initiated an extensive I&I Program several years ago that addressed sources of high flows during storm events; Phase I and Phase II of the I&I Program have already been completed. Respondent shall complete Phase III by December 31, 2018 and provide the Department a brief summary of locations and work completed. After completion of Phase III, Respondent will move to an "as needed" model for I&I work.

7. Within 30 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to accomplish the following:

a) Evaluate the Facility and effluent disposal system, then submit a report to the Department within 90 days that includes recommendations that address deficiencies in the Facility's design or operating protocol that contribute to unsatisfactory performance and outcomes.

b) Initiate the design of modifications to the Facility and/or effluent disposal system following the Department's acceptance and approval of the recommendations contained in the report referenced above. The modifications will be designed to ensure the Facility and effluent disposal system will fully and consistently perform to meet the conditions and requirement contained in the Facility's operating permit and all applicable rules of the Department.

c) Apply to the Department for a wastewater permit to construct the modifications listed in subparagraph (b) of this paragraph, if such a permit is required. The application will be due within 90 days of the Department's approval of the recommendations contained in the engineering report noted above. Respondent will substantially complete construction within 365 days of issuance of the construction permit by the Department.

d) If no permit is required, identify changes to the Facility's operating protocol and / or maintenance procedures that can be implemented within 90 days of Department's approval of such changes.

e) Supervise the construction of any modifications to the Facility or effluent disposal system. Failure to meet compliance schedules in the construction permit will constitute violation of this order and subject the Respondent to stipulated penalties.

f) Submit to the Department a Certification of Completion stating that modifications to the Facility, effluent disposal system and collection system have been constructed in accordance with the provisions of the Permit.

g) In the event the Department requires additional information to process the permit application described in subparagraph (c) of this paragraph, provide a written response containing the information requested by the Department within 30 days of the date of the request.

8. Every quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These reports shall also include a projection of the work Respondent will perform pursuant to this Order until the Order is closed. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

9. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions referenced in paragraphs 6, 7 and 8 on or before December 31, 2020 and be in full compliance with Chapter 62, F.A.C., regardless of any intervening events or alternative time frames imposed in this Order, other than those excused delays agreed to by the Department, as described in paragraph 18.

10. Within 30 days of the effective date of this Order, Respondent shall pay the Department $16,748.00 in settlement of the regulatory matters addressed in this Order. This amount includes $16,248.00 in civil penalties and $500.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order.

11. Respondent agrees to pay the Department stipulated penalties in the amount of $200.00 per day for each day Respondent fails to timely comply with any of the requirements of paragraphs 6, 7, and 8 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 15 below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order. Any stipulated penalties assessed under this paragraph shall be in addition to the civil penalties agreed to in paragraph 10 of this Order.

12. In lieu of making cash payment of $16,248 in civil penalties as set forth in paragraph 10 above, Respondent may elect to offset this amount by implementing an in-kind penalty project, which must be approved by the Department. An in-kind project must be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The value of the in-kind penalty project shall be at least one and a half times the civil penalty offset amount, which is $24,372. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election by certified mail within 15 days of the effective date of this Consent Order. Notwithstanding the election to implement an in-kind project, payment of the remaining $500.00 in costs must be paid within 30 days of the effective date of the Consent Order.

13. If Respondent elects to implement an in-kind project as provided in paragraph 12, then Respondent shall comply with each of the requirements and time frames identified in Exhibit A, entitled "In-Kind Projects".

14. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund."

15. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Manuel F. Cardona, Environmental Consultant**,** Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

16. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times to verify compliance with the terms of this Order and the rules and statutes administered by the Department.

17. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

18. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these

measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

19. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

20. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

21. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

22. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

23. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

24. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

25. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

26. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

27. Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

28. Rules referenced in this Order are available at https://softlive.dep.state.fl.us/ogc/ogc/content/rules.

FOR THE RESPONDENT:

_____ _____
Patrick Flynn Date
Vice President Utilities, Inc. of Florida

DONE AND ORDERED this # day of Month, Year, in_____ County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Aaron Watkins, Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

DW_CO (REV. 06/09)

Exhibit A

In-Kind Projects

I. Introduction

An in-kind project

a. Within 60 days of the effective date of this Consent Order, Respondent shall submit, by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

b. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, Respondent shall submit, by certified mail, all requested additional information, clarification, and modifications within 15 days of receipt of written notice.

c. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines, Respondent shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. Respondent shall correct and redress all the matters at issue and submit, by certified mail, a new proposal within 30 days of receipt of written notice. If the revised proposal is not approved by the Department, Respondent shall make cash payment of the civil penalties as set forth in paragraph 15 above, within 30 days of Department notice.

d. Within 120 days of the effective date of this Consent Order, Respondent shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within 120 days of the effective date of this Consent Order, then Respondent shall make cash payment of the civil penalties as set forth in paragraph 15 above, within 30 days of Department notice.

e. Within 180 days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to paragraph 2(a) above, Respondent shall complete the entire in-kind project.

f. During the implementation of the in-kind project, Respondent shall place appropriate sign(s) at the project site indicating that Respondent's involvement with the project is the result of a Department enforcement action. Respondent may remove the sign(s) after the project has been completed. However, after the project has been completed Respondent shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

g. In the event Respondent fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited and the entire amount of civil penalties shall be due from the Respondent to the Department within 30 days of Department notice.

WASTEWATER MALFUNCTION / ABNORMAL EVENT REPORT

This form is provided for your convenience only. You may complete this form and email to DEP_CD@dep.state.fl.us. If the spill is greater than 1,000 gallons you MUST call the State Watch Office at 1-800-320-0519 and report to https://floridadep.gov/pollutionnotice. All items with an asterisk (*) are required by rule and must be completed.

*Facility Name:	Wekiva Hunt Club	*Facility Type:	Domestic Wastewater
*Permit Number:	FL 0036251	*County:	Seminole
*Reporter Name:	Bryan K. Gongre	*Responsible Party:	Utilities Inc. of Florida
*Reporter Address:	200 Weathersfield Ave. Altamonte Springs	*Responsible Party Address:	200 Weathersfield Ave. Altamonte Springs
*Reporter Phone:	(321) 972-0360	*Responsible Party Phone:	(321) 972-0360

*DEP: ☒ *Date: 10/9/2019 *Time: 4:30 PM *Person Contacted: Via Email DEP_CD@dep.state.fl.us

*State Watch Office: ☒ *Date: 10/9/2019 *Time: 4:25 PM Incident Number: 2019-5704

Spill Information

*Spill Characteristic	*Source		*Area Affected
☒ Untreated/Raw	☐ Lift Station # _____	☐ Surge Tank	☐ Storm Water
☐ Partially Treated	☐ Manhole	☐ Aeration Tank	☒ Surface Water/ Sweetwater Creek
☐ Treated	☐ Force Main/Gravity Line	☐ Clarifier	☒ Ground
☐ Reuse/Reclaimed	☐ Disposal System	☐ Digester	☐ Containment Area
☐ Other _____	☑ Other Plant Headworks	☐ Chlorine Contact Tank	☐ Other/ _____

*Date / Time Discharge /Malfunction Occurred: 10/8/2019 10:00 PM to 10/9/2019 5:20 AM

*Amount of Discharge: 1,198,047 gallons

*Amount Recovered: 0 gallons

*Ongoing: ☐ * Ceased: ☒

*Physical Location/ Address/ Latitude & Longitude:
144 Ledbury Drive, Longwood, FL

* Malfunction/Cause

		Weather
☐ Pump Failure	☐ Line Break	☐ Lightning
☐ Blower Failure	☐ Fats/Oils/Grease Blockage	☐ Heavy Rainfall
☐ Switch/Timer Failure	☒ Other Clog or blockage	☐ High Winds
☐ Clarifier Failure	☐ Power Outage/Failure	☐ Tropical Storm: _____
☐ Filter Bypass/Failure	☐ Accident	☐ Hurricane: _____
☐ Disinfection System Failure	☐ Unknown	☐ Other: _____
☒ Other Mechanical bar screen failure	☐ Outside Contractor _____	

* Explain:

The headworks mechanical bar screen failed and the adjacent coarse bar screen fouled preventing raw influent from entering the EQ tank and overflowing the influent channel onto the ground. Approximately 1,198,047 gallons of untreated sewerage overflowed some of which entered a nearby creek and the remainder went to ground

* Effluent Limit Violations

☐ Cl_2 _____ mg/L	☐ Turbidity _____ NTU	☐ pH _____ SU
☐ TSS _____ mg/L	☐ NO_3 _____ mg/L	☐ $CBOD_5$ _____ mg/L
☐ Other _____	☐ Fecal Coliforms _____ CFU/100ml	☐ Abnormal Flow _____ MGD

* Corrective / Remedial Action Being Taken

☐ Line Repaired	☐ Contained On-site	☐ Restored Power
☒ Disinfected with Lime	☒ Samples Taken (if surface waters impacted)	☐ Auxiliary Power System On-Line
☒ Washed Down	☒ Signs Posted Near Affected Waters	☐ Back-Up On-Line
☐ Vac Truck/Destination _____	☐ Repaired/Replaced Equipment	☐ Other _____

* Remedial Actions Being Taken / Estimated Time for Completion of Repairs:

Samples will continue to be taken daily until results are determined to be within acceptable range.

Preventative Plans/Measures

Please describe how you intend to prevent similar occurrences in the future:

Determine whether existing mechanical bar screen is appropriate for the application. Evaluate influent channel depth and overflow containment to capture influent and return to the treatment process. Evaluate equipment to provide advanced notice of a high level condition in the influent channel.

ENGLISH

Instructions Lab Fridge

FRIO-**Temp**® Thermometer

Serial # 203869 Date NOV 07 2019

Statement of Accuracy and Traceability

This is to confirm the thermometer bearing
the serial number above was compared with standards
traceable to the National Institute of Standards and Technology (NIST).
Accuracy for this thermometer is ±1 scale division from
-50°C(-58°F) to 130°C(266°F) and ±2 scale divisions
for temperatures below -50°C(-58°F) above 130°C(266°F).

The Standard Serial Number is based on the range of the thermometer.
The Standard Serial Numbers calibrated by NIST are as follows:

#7713700 (NIST) for ranges below -30°C
#844016 (NIST) for ranges from -30°C to 10°C
#878708 (NIST) for ranges from 0°C to 50°C
#9810984(NIST) for ranges from 50°C to 100°C
#905354 (NIST) for ranges from 100°C to 150°C
#878735 (NIST) for ranges from 150°C to 200°C

Richard Jackson,
Production Manager

H-B Instrument – SP Scienceware
Triple Accredited/Registered
ISO 9001:2015 Registered Manufacturer
ISO 14001:2015 Registered Manufacturer

For more information
973-694-0500 (p). 973-694-7199 (f)
info@belart.com • www.belart.com/hb

Instructions for reuniting separated fluid in thermometers
Store thermometers in an upright position to prevent liquid separation
Handle instruments with care. Wear safety glasses and gloves before proceeding

Cooling Method
1. Prepare a solution of shaved ice and salt OR CO2 (Dry Ice) and alcohol.
2. Place the thermometer bulb in the solution, keeping the thermometer upright.
3. Allow the liquid column to retreat into the bulb.
4. Swing the thermometer (bulb down) in an arc, forcing the entrapped gas to rise above the column.
5. Allow the thermometer to warm slowly in an upright position.

Heating Method
1. Heat the thermometer bulb in an upright position in warm liquid, warm air or over a soft flame.
2. Allow the liquid column to rise until the separated portion of the column enters the expansion chamber at the top of the thermometer.

NOTE: over-filling the expansion chamber will break the thermometer.

3. Tap the thermometer gently in an upright position, allowing the gas separating the column to rise above the column.

ENGLISH

Instructions Raw

FRIO-**Temp**® Thermometer

Serial # 203867 Date NOV 07 2019

Statement of Accuracy and Traceability

This is to confirm the thermometer bearing
the serial number above was compared with standards
traceable to the National Institute of Standards and Technology (NIST).
Accuracy for this thermometer is ±1 scale division from
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2. Allow the liquid column to rise until the separated portion of the column enters the expansion chamber at the top of the thermometer.

NOTE: over-filling the expansion chamber will break the thermometer.

3. Tap the thermometer gently in an upright position, allowing the gas separating the column to rise above the column.

ENGLISH

Instructions CCC

FRIO-**Temp**® Thermometer

Serial # 203871 Date NOV 07 2019

Statement of Accuracy and Traceability

This is to confirm the thermometer bearing
the serial number above was compared with standards
traceable to the National Institute of Standards and Technology (NIST).
Accuracy for this thermometer is ±1 scale division from
-50°C(-58°F) to 130°C(266°F) and ±2 scale divisions
for temperatures below -50°C(-58°F) above 130°C(266°F).

The Standard Serial Number is based on the range of the thermometer.
The Standard Serial Numbers calibrated by NIST are as follows:

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FLORIDA DEPARTMENT OF
Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

December 18, 2019

Patrick Flynn, Vice President
Utilities Inc. of Florida
144 Ledbury Dr.
Longwood, FL 32779
pcflynn@uiwater.com

Re: Warning Letter
Wekiva Hunt Club WWTF
DW FLA0036251
Seminole County

Dear Mr. Flynn:

A Compliance Evaluation Inspection was conducted at your facility on November 21, 2019. During this inspection, possible violations of Chapter 403, F.S., Chapter 62-160, Florida Administrative Code (F.A.C.), and Chapter 62-620, F.A.C. were observed.

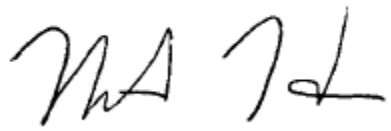
During the inspection Department personnel noted the following:

- Incomplete calibration and verification logs for inline meters.
- Expired NIST certifications for sampler thermometers.
- Fouling of clarifier weirs and solids noted in effluent leaving plant #1.

Please contact Helena Dacenay, at (407) 897-4342, within **15 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,



On behalf of:
Aaron Watkins, Director
Central District
Florida Department of Environmental Protection

AW/nh/ds/hd

Enclosures: November 21, 2019 Inspection Report

cc: Scott Gosnell, SGosnell@uiwater.com
David Smicherko, David.Smicherko@floridadep.gov
Helena Dacenay, Helena.Dacenay@floridadep.gov

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Name and Physical Address	WAFR ID	County	Entry Date	Entry Time
Wekiva Hunt Club WRF 144 Ledbury Dr. Longwood, FL 32779	FL0036251 **Facility Phone #** (800) 272-1919	Seminole	11/21/2019 **Exit Date** 11/21/2019	9:15 AM **Exit Time** 11:20 AM

LAT	28	°	41	'	49.73	"
LONG	81	°	26	'	1.05	"

Name(s) of Field Representatives(s) and Title	Email	Phone
Scott Gosnell, Area Manager	SGosnell@uiwater.com	(407) 509-4979

Name & Address of Permittee / Designated Rep.	Title	Email	Phone
Utilities Inc of Florida Patrick Flynn 200 Weathersfield Ave. Altamonte Springs, FL 32714	Permittee	pcflynn@uiwater.com	(407) 498-4214

Inspection Type	C	E	I		Samples Taken(Y/N): N	Sample ID#: N/A	Samples Split (Y/N) : N

X **Domestic** ☐ **Industrial**

FACILITY COMPLIANCE AREAS EVALUATED

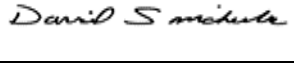
IC = In Compliance; MC = Minor Out of Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦ "

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	IC	3. Laboratory	NC	6. Facility Site Review	IC	9. ♦ Effluent Quality
IC	2. ♦ Compliance Schedules	NC	4. Sampling	IC	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		IC	5. ♦ Records & Reports	IC	8.♦ Operation & Maintenance	IC	11. Biosolids
						IC	12. ♦ Groundwater
NA	14. Other					NC	13. ♦ SSO Survey

Facility and/or Order Compliance Status:	☐ In-Compliance	X Out-Of -Compliance	☐ Significant-Out-Of-Compliance

Recommended Actions: **Warning Letter**

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Helena Dacenay 	407-897-4342	12/16/2019

Name and Signature of Reviewer	District Office/Phone Number	Date
David Smicherko 	CD 407-897-4169	12/16/2019

Single Event Violations (*SNC SEVs)

Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
☐	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	**UNBY**
☐	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	**UPHI**
☐	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	**PFSA**
☐	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the Florida Department of Health and therefore is not certified to meet NELAC standards.	**LNCE**
☐	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	**ANCV**
☐	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	**FTOX**
☐	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	**FSPC**
☐	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	**FMRR**
☐	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	**RSWP**
☐	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	**FDMR**
☐	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	**FRPT**
☐	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	**LASN**
☐	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	**NOFL**
☐	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual or their Biosolids Nutrient Management Plan.	**IONM**
☐	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	**ININ**
☐	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	**ONCO**
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	**EATX**
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	**ECTX**
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	**ETOX**
☐	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	**XNEV**
☐	*Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	**XFSH**
☐	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	**SSO1**
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	**SSO2**
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	**SSO3**
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(l)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	**SSO4**
☐	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	**SSO5**
☒	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	**SSO6**

Facility Treatment Summary: An existing 2.9 MGD annual average daily flow (AADF) activated sludge domestic wastewater treatment facility consisting of three (3) contiguous package wastewater treatment plants (0.97 MGD design capacity, each), connected in parallel with mechanical influent screening, flow equalization, aeration, clarification, chemical feed facilities, tertiary filtration, disinfection by chlorination, dechlorination, two (2) 3.0 MG reclaimed water storage tanks, and aerobic digestion of biosolids with dewatering by one (1) vacuum assisted drying bed and one (1) Ashbrook belt filter press.

1. ♦**Permit:** In-Compliance

Current Permit available on-site?	Yes
Date Permit issued	03/29/2016
Date Permit Expires	03/30/2021
Permit Renewal Application due by	10/1/2020
Administrative or Judicial Orders?	Consent Order

1.1 Observation: The facility is still in agreement under Consent Order OGC No. 18-0103.

2. ♦**Compliance Schedules:** In-Compliance

Compliance Schedule in Permit met?	Not Applicable
Compliance Schedules in Order are being met?	Yes

2.1 Observation: The respondent has until January 31, 2021 to complete all corrective actions referenced in paragraphs 6, 7, and 8 of the consent order.

3. Laboratory: In-Compliance

Contract Lab Name and Certification #	Tri-Tech Laboratories, Inc./ Advanced Environmental Laboratory
Facility NELAC Certification #	E83294/ E53076

3.1 Observation: TSS and Fecal samples are sent to Tri-Tech for analysis. CBOD, TN, and TP are sent to AEL for analysis.

4. Sampling: Out-of-Compliance

Sampling conducted during inspection?	No
Sampling observed during inspection?	No
Sampling conducted at locations identified by the permit?	Yes
Safe access to sampling locations?	Yes

4.1 Deficiency: Calibration and verification logs were incomplete for the TRC and pH meters.

Rule/Permit Reference: 62-160.210 (1) F.A.C. All persons that conduct or support field activities and field measurements shall follow the applicable procedures and requirements described the DEP SOP collections titled Standard Operating Procedures for Field Activities, DEP-SOP-001/01 FT 1000 1.3.1 - In some cases, specific instruments are identified in the SOP, with detailed instruction provided on their use. If you are using a different instrument from that identified in the SOP, follow the manufacturer's instructions for assembly, operation, and maintenance.

Corrective Action: The lot number and expiration date for the TRC gel standards and pH buffers shall be listed on calibration log. The TRC and pH bench meter model and serial numbers shall be updated on the comparison logs.

4.2 Deficiency: Verifications of the in-line pH meter at EFD-1 were not documented when discharging to Sweetwater Creek.

Rule/Permit Reference: 62-160.210 (1) F.A.C. All persons that conduct or support field activities and field measurements shall follow the applicable procedures and requirements described the DEP SOP collections titled Standard Operating Procedures for Field Activities, DEP-SOP-001/01 FT 1900 2.2 - On a daily basis, measure a grab sample taken at or as near as possible to the same location as the in-line meter. The grab-sample test measurements must be taken with an instrument that has been properly calibrated and verified per the applicable DEP SOPs for individual parameter tests.

Corrective Action: Verification of the pH inline meter shall be logged when effluent is discharged through EFD-1. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement.

4.3 Deficiency: NIST certifications for thermometers in the composite samplers and sample refrigerator expired on 09/07/2018.

Rule/Permit Reference: 62-160.210 (1) F.A.C. All persons that conduct or support field activities and field measurements shall follow the applicable procedures and requirements described the DEP SOP collections titled Standard Operating Procedures for Field Activities, DEP-SOP-001/01 FT 1400 2.2.2 - Verify all thermistor (meter) devices and field thermometers against the NIST-traceable standard thermometer at several temperatures in the expected sample measurement range, using any correction factor indicated by the certificate supplied with the NIST-traceable thermometer.

Corrective Action: Thermometers must be verified against a NIST-traceable thermometer.

4.4 Observation: *Influent Sampler (INF-1)* – A Sigma 900X was programmed to take flow proportional samples. The aliquot size was set to 200mL. The sampler was offline at the time of the inspection.

4.5 Observation: *Effluent Sampler (EFA-1)* – A Sigma AS950 was programmed to collect flow proportional samples. The aliquot size was set to 100mL. The sampler temperature was 4 C at the time of the inspection.

4.6 Observation: *Effluent Sampler (EFD-1)* -- An ISCO 3710 was programmed to collect flow proportional samples. The aliquot size was set to 250mL. Ice is used to maintain the sampler temperature below 6 C when samples are being collected. The sampler was offline at the time of the inspection because the facility was not discharging to Sweetwater Creek.

4.7 Observation: The influent and effluent automatic sampler's intake lines appeared clean and free of dips.

4.8 Observation*: pH meters* – The inline GLI Model S3 inline pH meter is checked daily against a Thermo Scientific Orion 2 Star bench meter. The bench meter is checked daily with 4.0, 7.0, and 10.0 s.u. standards that were within their expiration date.

4.9 Observation: *TRC meters* – The inline CL 17 TRC meter is checked daily against a HACH DR900 bench meter. The bench meter is verified daily with secondary gel standards.

The CL 17 was calibrated on 02/12/19.

4.10 Observation: *TSS meters* – The inline Solitax TSS probe is compared with grab samples. Lab results from Tri-Tech are below the MDL (< 1.0), so on-site lab results are used to calibrate the meter once a week. The probe was located after filtration and before disinfection.

5. ♦**Records and Reports:** In-Compliance

Documents/Records reviewed	Time frame
Discharge Monitoring Reports (DMRs)	From 11/01/18 to 10/31/19

5.1 Observation: A current copy of the RPZ certification was on site. The RPZ was certified on 09/24/2019.

5.2 Observation: A copy of the Operation and Maintenance Manual was available to plant personnel.

5.3 Observation: The operator logbook was bound and numbered. Entries were clear, concise and relevant.

5.4 Observation: A copy of the Operating Protocol was available on site. The copy on site was last updated in April 2017.
Additional Comments: The TSS reject point was listed at 5 mg/L and the TRC reject point was listed at 1 mg/L.

5.5 Observation: The pathogen monitoring report was received on 03/15/2019.

5.6 Observation: The annual reuse report was received on 12/21/2018.

5.7 Observation: The October 2019 DMR reported no new non-domestic discharges have been added in lieu of the effluent analysis report.

5.8 Observation: Minor DMR transcription errors were discussed with the operator on site. Transcription errors did not result in exceedances.

6. Facility Site Review: Out-of-Compliance

6.1 Deficiency: Fouling of the weirs due to algae growth were noted in clarifiers #1, #2, and #3. Solids were noted in the clarifier effluent of #1.
Rule/Permit Reference: Rule/Permit Reference: 62-620.610(7), F.A.C. - All facilities and equipment necessary for the treatment, reuse, and disposal of domestic wastewater and biosolids shall be maintained, at a minimum, so as to function as intended. 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.
Corrective Action: Ensure clarifiers are properly maintained to operate as intended.

6.2 Observation: The facility grounds were properly secured with appropriate signage.

6.3 Observation: *Headworks* – The automatic barscreen was not operational at the time of the inspection. A manual barscreen was being used at the headworks and at each plant before aeration. The barscreens are raked daily and solids are disposed of in dumpster.

6.4 Observation: The facility is equipped with three plants.

Aeration- Contents in each aeration basin appeared well mixed. Three blowers supply air to all three plants. Blowers were operational at the time of the inspection.

Clarifiers – See 6.1. RAS is airlifted back to the influent and one WAS pump transfers sludge from all plants to the belt press on site.

6.5 Observation: *Filtration* – The facility is equipped with two sand filters. The units appeared to be in good condition. Backwash is automatically activated and returned to the equalization tank.

6.6 Observation: *Disinfection* – The facility is equipped with two chlorine contact chambers. Sodium hypochlorite is used for disinfection and administered by three pumps. The effluent was clear and free of solids at the time of the inspection.

6.7 Observation: *Dechlorination* – The facility uses sodium bisulfate for dichlorination when needed. Two pumps are available to administer sodium bisulfate.

6.8 Observation: *Chemical Storage* – Sodium hypochlorite and sodium bisulfate are stored in tanks in the same room as the pumps. Secondary containment is available for both storage tanks.

7. Flow Measurement: In-Compliance

Flow meter present and location as per permit?	Yes
Easy access to flow meter?	Yes
Date of last flow meter calibration	02/12/19

7.1 Observation: Flow meter calibration records for INF-1, FLW-1, FLW-2, FLW-3, and FLW-4 were on site at the time of the inspection.

8. ♦Operation and Maintenance: In-Compliance

Facility being operated as per permit?	Yes

9. ♦Effluent Quality: In-Compliance

DMRs review period	From 11/01/18 to 10/31/19
Any exceedances?	No

9.1 Observation: At the time of inspection the TRC meter read 5.0 mg/L. The TSS meter read 0.953 mg/L and the pH meter read 7.95 s.u.

9.2 Observation: Effluent is diverted to Sweetwater Creek when reclaim limits are exceeded.

10. ♦Effluent Disposal: In-Compliance

Facility discharging?	Yes
Discharge location(s) as per permit?	Yes

10.1 Observation: At the time of the inspection the facility was not discharging to Sweetwater Creek. Outfall EFD-1 was inspected and no issues were noted.

10.2 Observation: All four RIBs appeared to be in good condition. Effluent is discharged to the RIBs under emergency conditions. Discharge to the RIBs has not occurred in the last twelve months.

10.3 Observation: Proper signage was posted at the Wekiva Golf Course.

11. Biosolids: In-Compliance

11.1 Observation: A belt press is operated approximately four times per week. Biosolids are transferred to Shelley's BMF for further treatment.

11.2 Observation: Hauling records to Shelley's were available at the time of the inspection.

12. ♦Groundwater Quality: In-Compliance

DMRs review period	From 11/01/18 to 10/31/19
Any exceedances?	No
All monitoring wells accessible, secured & locked?	See Observation

12.1 Observation: Monitoring wells were not evaluated at the time of the inspection.

13. ♦SSO Survey: Out-of-Compliance

Does the facility have an Operation and Maintenance Manual for their collection system?	No
Does the facility track spills in their collection system?	Yes
Does the facility have procedures for minimizing spills?	Yes
Are those procedures included in the Operation and Maintenance Manual or in a separate document?	N/A
How often is the manual updated?	N/A

13.1 Deficiency: Multiple unauthorized releases occurred during the review period.

Date of Spill	Location	Volume	Cause	Response
3/11/2019	144 Ledbury Dr	300 gallons	Barscreen malfunction caused spill.	Barscreen was cleaned and area was washed down and disinfected.
5/25/2019	144 Ledbury Dr	50 gallons	Biosolids fell of hauling vehicle.	Biosolids were picked up and area was washed down.

7/23/2019	144 Ledbury Dr	252,700 gallons	Break in force main at treatment plant.	Force main was repaired. Spill stayed onsite in RIB#1.
8/26/2019	Sable Palm Dr	200 gallons	Grease blockage in gravity main.	Blockage removed and area cleaned and disinfected.
10/8/2019	144 Ledbury Dr	1.2 million gallons	Barscreen malfunction caused spill.	Barscreen cleared, samples collected from Sweetwater Creek and Wekiva River.
Response: All unauthorized releases were reported to the Department in accordance with the permit. These spills are being handled as a separate action by the Department. No response is need as part of this letter.				

Rule/Permit Reference: 62-604.130 Prohibitions.
The following acts and the causing thereof are prohibited.
(1) The release or disposal of excreta, sewage, or other wastewaters or residuals without providing proper treatment approved by the Department; construction or operation of a wastewater collection system not in compliance with this rule; or any act otherwise violating provisions of this rule or of any other rules of the Department
Corrective Action: See comment in table above.

13.2 Observation: All spills are reported to the Area Manager, internal incident reports are generated, and malfunction reports are sent to the Department.
Spills greater than 1,000 gallons are reported to the State Watch Office.

13.3 Observation: Spills are minimized through weekly tests of the lift station alarms/ call out system in addition to regular camera line inspections and cleaning.

14. Other: Not Applicable

FLORIDA DEPARTMENT OF
Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

December 18, 2019

Patrick Flynn, Vice President
Utilities Inc. of Florida
144 Ledbury Dr.
Longwood, FL 32779
pcflynn@uiwater.com

Re: Warning Letter
Wekiva Hunt Club WWTF
DW FLA0036251
Seminole County

Dear Mr. Flynn:

A Compliance Evaluation Inspection was conducted at your facility on November 21, 2019. During this inspection, possible violations of Chapter 403, F.S., Chapter 62-160, Florida Administrative Code (F.A.C.), and Chapter 62-620, F.A.C. were observed.

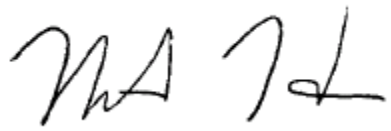
During the inspection Department personnel noted the following:

- Incomplete calibration and verification logs for inline meters.
- Expired NIST certifications for sampler thermometers.
- Fouling of clarifier weirs and solids noted in effluent leaving plant #1.

Please contact Helena Dacenay, at (407) 897-4342, within **15 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,



On behalf of:
Aaron Watkins, Director
Central District
Florida Department of Environmental Protection

AW/nh/ds/hd

Enclosures: November 21, 2019 Inspection Report

cc: Scott Gosnell, SGosnell@uiwater.com
David Smicherko, David.Smicherko@floridadep.gov
Helena Dacenay, Helena.Dacenay@floridadep.gov

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Name and Physical Address	WAFR ID	County	Entry Date	Entry Time
Wekiva Hunt Club WRF 144 Ledbury Dr. Longwood, FL 32779	FL0036251 **Facility Phone #** (800) 272-1919	Seminole	11/21/2019 **Exit Date** 11/21/2019	9:15 AM **Exit Time** 11:20 AM

LAT	28	°	41	'	49.73	"
LONG	81	°	26	'	1.05	"

Name(s) of Field Representatives(s) and Title	Email	Phone
Scott Gosnell, Area Manager	SGosnell@uiwater.com	(407) 509-4979

Name & Address of Permittee / Designated Rep.	Title	Email	Phone
Utilities Inc of Florida Patrick Flynn 200 Weathersfield Ave. Altamonte Springs, FL 32714	Permittee	pcflynn@uiwater.com	(407) 498-4214

Inspection Type	C	E	I		Samples Taken(Y/N): N	Sample ID#: N/A	Samples Split (Y/N) : N

X **Domestic** ☐ **Industrial**

FACILITY COMPLIANCE AREAS EVALUATED

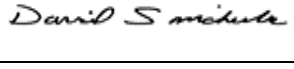
IC = In Compliance; MC = Minor Out of Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦ "

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	IC	3. Laboratory	NC	6. Facility Site Review	IC	9. ♦ Effluent Quality
IC	2. ♦ Compliance Schedules	NC	4. Sampling	IC	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		IC	5. ♦ Records & Reports	IC	8.♦ Operation & Maintenance	IC	11. Biosolids
						IC	12. ♦ Groundwater
NA	14. Other					NC	13. ♦ SSO Survey

Facility and/or Order Compliance Status:	☐ In-Compliance	X Out-Of -Compliance	☐ Significant-Out-Of-Compliance

Recommended Actions: **Warning Letter**

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Helena Dacenay 	407-897-4342	12/16/2019

Name and Signature of Reviewer	District Office/Phone Number	Date
David Smicherko 	CD 407-897-4169	12/16/2019

Single Event Violations (*SNC SEVs)

Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
☐	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	**UNBY**
☐	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	**UPHI**
☐	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	**PFSA**
☐	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the Florida Department of Health and therefore is not certified to meet NELAC standards.	**LNCE**
☐	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	**ANCV**
☐	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	**FTOX**
☐	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	**FSPC**
☐	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	**FMRR**
☐	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	**RSWP**
☐	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	**FDMR**
☐	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	**FRPT**
☐	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	**LASN**
☐	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	**NOFL**
☐	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual or their Biosolids Nutrient Management Plan.	**IONM**
☐	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	**ININ**
☐	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	**ONCO**
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	**EATX**
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	**ECTX**
☐	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	**ETOX**
☐	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	**XNEV**
☐	*Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	**XFSH**
☐	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	**SSO1**
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	**SSO2**
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	**SSO3**
☐	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(l)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	**SSO4**
☐	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	**SSO5**
☒	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	**SSO6**

Facility Treatment Summary: An existing 2.9 MGD annual average daily flow (AADF) activated sludge domestic wastewater treatment facility consisting of three (3) contiguous package wastewater treatment plants (0.97 MGD design capacity, each), connected in parallel with mechanical influent screening, flow equalization, aeration, clarification, chemical feed facilities, tertiary filtration, disinfection by chlorination, dechlorination, two (2) 3.0 MG reclaimed water storage tanks, and aerobic digestion of biosolids with dewatering by one (1) vacuum assisted drying bed and one (1) Ashbrook belt filter press.

1. ♦**Permit:** In-Compliance

Current Permit available on-site?	Yes
Date Permit issued	03/29/2016
Date Permit Expires	03/30/2021
Permit Renewal Application due by	10/1/2020
Administrative or Judicial Orders?	Consent Order

1.1 Observation: The facility is still in agreement under Consent Order OGC No. 18-0103.

2. ♦**Compliance Schedules:** In-Compliance

Compliance Schedule in Permit met?	Not Applicable
Compliance Schedules in Order are being met?	Yes

2.1 Observation: The respondent has until January 31, 2021 to complete all corrective actions referenced in paragraphs 6, 7, and 8 of the consent order.

3. Laboratory: In-Compliance

Contract Lab Name and Certification #	Tri-Tech Laboratories, Inc./ Advanced Environmental Laboratory
Facility NELAC Certification #	E83294/ E53076

3.1 Observation: TSS and Fecal samples are sent to Tri-Tech for analysis. CBOD, TN, and TP are sent to AEL for analysis.

4. Sampling: Out-of-Compliance

Sampling conducted during inspection?	No
Sampling observed during inspection?	No
Sampling conducted at locations identified by the permit?	Yes
Safe access to sampling locations?	Yes

4.1 Deficiency: Calibration and verification logs were incomplete for the TRC and pH meters.

Rule/Permit Reference: 62-160.210 (1) F.A.C. All persons that conduct or support field activities and field measurements shall follow the applicable procedures and requirements described the DEP SOP collections titled Standard Operating Procedures for Field Activities, DEP-SOP-001/01 FT 1000 1.3.1 - In some cases, specific instruments are identified in the SOP, with detailed instruction provided on their use. If you are using a different instrument from that identified in the SOP, follow the manufacturer's instructions for assembly, operation, and maintenance.

Corrective Action: The lot number and expiration date for the TRC gel standards and pH buffers shall be listed on calibration log. The TRC and pH bench meter model and serial numbers shall be updated on the comparison logs.

4.2 Deficiency: Verifications of the in-line pH meter at EFD-1 were not documented when discharging to Sweetwater Creek.

Rule/Permit Reference: 62-160.210 (1) F.A.C. All persons that conduct or support field activities and field measurements shall follow the applicable procedures and requirements described the DEP SOP collections titled Standard Operating Procedures for Field Activities, DEP-SOP-001/01 FT 1900 2.2 - On a daily basis, measure a grab sample taken at or as near as possible to the same location as the in-line meter. The grab-sample test measurements must be taken with an instrument that has been properly calibrated and verified per the applicable DEP SOPs for individual parameter tests.

Corrective Action: Verification of the pH inline meter shall be logged when effluent is discharged through EFD-1. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement.

4.3 Deficiency: NIST certifications for thermometers in the composite samplers and sample refrigerator expired on 09/07/2018.

Rule/Permit Reference: 62-160.210 (1) F.A.C. All persons that conduct or support field activities and field measurements shall follow the applicable procedures and requirements described the DEP SOP collections titled Standard Operating Procedures for Field Activities, DEP-SOP-001/01 FT 1400 2.2.2 - Verify all thermistor (meter) devices and field thermometers against the NIST-traceable standard thermometer at several temperatures in the expected sample measurement range, using any correction factor indicated by the certificate supplied with the NIST-traceable thermometer.

Corrective Action: Thermometers must be verified against a NIST-traceable thermometer.

4.4 Observation: *Influent Sampler (INF-1)* – A Sigma 900X was programmed to take flow proportional samples. The aliquot size was set to 200mL. The sampler was offline at the time of the inspection.

4.5 Observation: *Effluent Sampler (EFA-1)* – A Sigma AS950 was programmed to collect flow proportional samples. The aliquot size was set to 100mL. The sampler temperature was 4 C at the time of the inspection.

4.6 Observation: *Effluent Sampler (EFD-1)* -- An ISCO 3710 was programmed to collect flow proportional samples. The aliquot size was set to 250mL. Ice is used to maintain the sampler temperature below 6 C when samples are being collected. The sampler was offline at the time of the inspection because the facility was not discharging to Sweetwater Creek.

4.7 Observation: The influent and effluent automatic sampler's intake lines appeared clean and free of dips.

4.8 Observation*: pH meters* – The inline GLI Model S3 inline pH meter is checked daily against a Thermo Scientific Orion 2 Star bench meter. The bench meter is checked daily with 4.0, 7.0, and 10.0 s.u. standards that were within their expiration date.

4.9 Observation: *TRC meters* – The inline CL 17 TRC meter is checked daily against a HACH DR900 bench meter. The bench meter is verified daily with secondary gel standards.

The CL 17 was calibrated on 02/12/19.

4.10 Observation: *TSS meters* – The inline Solitax TSS probe is compared with grab samples. Lab results from Tri-Tech are below the MDL (< 1.0), so on-site lab results are used to calibrate the meter once a week. The probe was located after filtration and before disinfection.

5. ♦**Records and Reports:** In-Compliance

Documents/Records reviewed	Time frame
Discharge Monitoring Reports (DMRs)	From 11/01/18 to 10/31/19

5.1 Observation: A current copy of the RPZ certification was on site. The RPZ was certified on 09/24/2019.

5.2 Observation: A copy of the Operation and Maintenance Manual was available to plant personnel.

5.3 Observation: The operator logbook was bound and numbered. Entries were clear, concise and relevant.

5.4 Observation: A copy of the Operating Protocol was available on site. The copy on site was last updated in April 2017.
Additional Comments: The TSS reject point was listed at 5 mg/L and the TRC reject point was listed at 1 mg/L.

5.5 Observation: The pathogen monitoring report was received on 03/15/2019.

5.6 Observation: The annual reuse report was received on 12/21/2018.

5.7 Observation: The October 2019 DMR reported no new non-domestic discharges have been added in lieu of the effluent analysis report.

5.8 Observation: Minor DMR transcription errors were discussed with the operator on site. Transcription errors did not result in exceedances.

6. Facility Site Review: Out-of-Compliance

6.1 Deficiency: Fouling of the weirs due to algae growth were noted in clarifiers #1, #2, and #3. Solids were noted in the clarifier effluent of #1.
Rule/Permit Reference: Rule/Permit Reference: 62-620.610(7), F.A.C. - All facilities and equipment necessary for the treatment, reuse, and disposal of domestic wastewater and biosolids shall be maintained, at a minimum, so as to function as intended. 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.
Corrective Action: Ensure clarifiers are properly maintained to operate as intended.

6.2 Observation: The facility grounds were properly secured with appropriate signage.

6.3 Observation: *Headworks* – The automatic barscreen was not operational at the time of the inspection. A manual barscreen was being used at the headworks and at each plant before aeration. The barscreens are raked daily and solids are disposed of in dumpster.

6.4 Observation: The facility is equipped with three plants.

Aeration- Contents in each aeration basin appeared well mixed. Three blowers supply air to all three plants. Blowers were operational at the time of the inspection.

Clarifiers – See 6.1. RAS is airlifted back to the influent and one WAS pump transfers sludge from all plants to the belt press on site.

6.5 Observation: *Filtration* – The facility is equipped with two sand filters. The units appeared to be in good condition. Backwash is automatically activated and returned to the equalization tank.

6.6 Observation: *Disinfection* – The facility is equipped with two chlorine contact chambers. Sodium hypochlorite is used for disinfection and administered by three pumps. The effluent was clear and free of solids at the time of the inspection.

6.7 Observation: *Dechlorination* – The facility uses sodium bisulfate for dichlorination when needed. Two pumps are available to administer sodium bisulfate.

6.8 Observation: *Chemical Storage* – Sodium hypochlorite and sodium bisulfate are stored in tanks in the same room as the pumps. Secondary containment is available for both storage tanks.

7. Flow Measurement: In-Compliance

Flow meter present and location as per permit?	Yes
Easy access to flow meter?	Yes
Date of last flow meter calibration	02/12/19

7.1 Observation: Flow meter calibration records for INF-1, FLW-1, FLW-2, FLW-3, and FLW-4 were on site at the time of the inspection.

8. ♦Operation and Maintenance: In-Compliance

Facility being operated as per permit?	Yes

9. ♦Effluent Quality: In-Compliance

DMRs review period	From 11/01/18 to 10/31/19
Any exceedances?	No

9.1 Observation: At the time of inspection the TRC meter read 5.0 mg/L. The TSS meter read 0.953 mg/L and the pH meter read 7.95 s.u.

9.2 Observation: Effluent is diverted to Sweetwater Creek when reclaim limits are exceeded.

10. ♦Effluent Disposal: In-Compliance

Facility discharging?	Yes
Discharge location(s) as per permit?	Yes

10.1 Observation: At the time of the inspection the facility was not discharging to Sweetwater Creek. Outfall EFD-1 was inspected and no issues were noted.

10.2 Observation: All four RIBs appeared to be in good condition. Effluent is discharged to the RIBs under emergency conditions. Discharge to the RIBs has not occurred in the last twelve months.

10.3 Observation: Proper signage was posted at the Wekiva Golf Course.

11. Biosolids: In-Compliance

11.1 Observation: A belt press is operated approximately four times per week. Biosolids are transferred to Shelley's BMF for further treatment.

11.2 Observation: Hauling records to Shelley's were available at the time of the inspection.

12. ♦Groundwater Quality: In-Compliance

DMRs review period	From 11/01/18 to 10/31/19
Any exceedances?	No
All monitoring wells accessible, secured & locked?	See Observation

12.1 Observation: Monitoring wells were not evaluated at the time of the inspection.

13. ♦SSO Survey: Out-of-Compliance

Does the facility have an Operation and Maintenance Manual for their collection system?	No
Does the facility track spills in their collection system?	Yes
Does the facility have procedures for minimizing spills?	Yes
Are those procedures included in the Operation and Maintenance Manual or in a separate document?	N/A
How often is the manual updated?	N/A

13.1 Deficiency: Multiple unauthorized releases occurred during the review period.

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Response: All unauthorized releases were reported to the Department in accordance with the permit. These spills are being handled as a separate action by the Department. No response is need as part of this letter.				

Rule/Permit Reference: 62-604.130 Prohibitions.
The following acts and the causing thereof are prohibited.
(1) The release or disposal of excreta, sewage, or other wastewaters or residuals without providing proper treatment approved by the Department; construction or operation of a wastewater collection system not in compliance with this rule; or any act otherwise violating provisions of this rule or of any other rules of the Department
Corrective Action: See comment in table above.

13.2 Observation: All spills are reported to the Area Manager, internal incident reports are generated, and malfunction reports are sent to the Department.
Spills greater than 1,000 gallons are reported to the State Watch Office.

13.3 Observation: Spills are minimized through weekly tests of the lift station alarms/ call out system in addition to regular camera line inspections and cleaning.

14. Other: Not Applicable

Florida Department of
Environmental Protection

PERMIT NUMBER: FLA013123
FACILITY NAME: CYPRESS LAKES WWTP

SWD-DW-53-FLA013123-CYPRESS LA-R
mr DONALD RASMUSSEN, VICE PRESIDENT
CYPRESS LAKES UTILITIES, INC.
200 WEATHERSFIELD AVENUE
ALTAMONTE SPRINGS FL 32714

NOTICE OF MINOR PERMIT REVISION

In accordance with rules 62-4.080(1), and 62-620.325(2), Florida Administrative Code (F.A.C.), your current Department wastewater permit is hereby revised to clarify the procedures for reporting unauthorized discharges under rules 62-620.610(20) and 62-621.250(14), F.A.C., as applicable. This minor permit revision is not applicable to facilities subject only to the general conditions for general permits issued pursuant to rules 62-660.801, 62-660.802, 62-660.803, 62-660.804, 62-660.805, 62-660.820, and 62-660.821, F.A.C.

These procedures are being provided for your wastewater facility as part of an effort to enhance communications and coordination in response to spills or releases that may endanger health or the environment. To this end, we are revising your wastewater permit to include instructions for reporting certain spills or unauthorized discharges to the State Warning Point Toll Free Number. ***The clarifying instructions are contained in paragraph b. of the enclosed permit revision.***

The enclosed revision shall be attached to your existing Wastewater Permit. To the extent that this revision may conflict with any provision of your existing permit, these revised requirements shall govern. All other conditions of your existing wastewater permit shall remain in effect. The issuance of this permit modification does not authorize any infringement of federal, state, or local laws or regulations which may specify other requirements for reporting incidents as herein described.

If you have any questions about this permit revision, please contact your local DEP regulatory district office.

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

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

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

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

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

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

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department case or identification number and the county in which the subject matter or activity is located;
(b) A statement of when and how each petitioner received notice of the Department action;
(c) A statement of how each petitioner's substantial interests are affected by the Department action;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
(f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
(g) Demand for relief (sought by the petitioner, stating precisely the action that the petitioner wants the Department to take).

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

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

Mediation is not available for this proceeding.

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

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

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Mimi Drew

Mimi Drew, Director
Division Water Resource Management

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk Wright

Clerk

11/21/2002

Date

Minor Permit Revision for Reporting Noncompliance

The permittee shall report to the Department 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, not otherwise reported in accordance with b. below.

b. **The permittee shall report all unauthorized releases or spills of untreated or treated wastewater in excess of 1,000 gallons per incident, or where public health or the environment may be endangered, to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:**

   1. **Name, address, and telephone number of person reporting.**

   2. **Name, address, and telephone number of permittee or responsible person for the discharge.**

   3. **Date and time of the discharge and status of discharge (ongoing or ceased).**

   4. **Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater).**

   5. **Estimated amount of the discharge.**

   6. **Location or address of the discharge.**

   7. **Source and cause of the discharge.**

   8. **Whether the discharge was contained on-site, and cleanup actions taken to date.**

   9. **Description of area affected by the discharge, including name of water body affected, if any.**

   10. **Other persons or agencies contacted.**

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 shall waive the written report.

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

July 6, 2017

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc.
PW Facility ID #3354883
PW Facility ID #3354881
OGC Case #16-0376

The purpose of this letter is to inform you that the Department's Consent Order ("Order") with Lake Utility Services, Inc. (Respondent) for the Lake Utility Services Inc. (LUSI) North and South Water Treatment Plant (WTP) has been modified in accordance with your request. The Department had approved the engineering analysis that was submitted in accordance with paragraph 5 (b) of the Order. The Department recognizes that the Respondent has now determined that an alternative treatment process to that previously approved by the Department may reduce the generation of disinfection byproducts in a more cost-effective manner.

The Department acknowledges the Respondent's commitment to moving forward with corrective actions outlined in the Order. In accordance with your request for an amended timeline for corrective action and to provide the Respondent an opportunity to continue moving forward, the Department agrees to amend paragraphs 5 (b) and 5 (d) of the Order as outlined below.

b) Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the treatment modifications necessary to address the Maximum Contaminant Level (MCL) violations in accordance with Table 1 below.

Activity to be Completed	Due Date
Submit an application for a permit to construct modifications to the LUSI South WTP, with water treatment process upgrades that will reduce the generation of disinfection byproducts such that the LUSI South WTP will be in compliance with the Disinfection Byproducts Rule.	May 1, 2018
Begin construction of permanent facility.	August 1, 2018
Complete construction, obtain clearance, and place into service.	February 1, 2019

d) Within nine (9) months of application for the construction permit, the Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. The Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, and receive written Department clearance prior to placing the permitted system modifications into service.

The Respondent shall submit written quarterly updates on the progress of the corrective actions being taken. Updates shall be submitted to Nikki Belian by email Nicole.Belian@dep.state.fl.us within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

Failure to meet the above deadline or any other requirements of the Order may subject the Respondent to stipulated penalties in accordance with paragraph 7 of the Order.

If you have any questions, you may contact Nikki Belian at (407) 897-2907, or by email at Nicole.Belian@dep.state.fl.us.

Sincerely,

Aaron Watkins, Assistant District Director
Central District
Florida Department of Environmental Protection

aw/cf/nb

cc: **Lake Utility Services Inc.**: BKGongre@uiwater.com , SLHaws@uiwater.com , PCFlynn@uiwater.com , JPHoy@uiwater.com
Kimley-Horn: Steve.Romano@kimley-horn.com , Lance.Littrell@kimley-horn.com
FDEP Central District: Christianne Ferraro, Nathan Hess, Wanda Parker-Garvin, Daissan Villareal, Nikki Belian

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

January 11, 2019

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc.
PW Facility ID #3354883
PW Facility ID #3354881
OGC Case #16-0376

The purpose of this letter is to inform you that the Department's Consent Order ("Order") with Lake Utility Services, Inc. (Respondent) for the Lake Utility Services Inc. (LUSI) North and South Water Treatment Plant (WTP) has been modified in accordance with your request. The Department had approved the engineering analysis that was submitted in accordance with paragraph 5 (b) of the Order. The Department recognizes that the Respondent has now determined that an alternative treatment process to that previously approved by the Department may reduce the generation of disinfection byproducts in a more cost-effective manner.

The Department acknowledges the Respondent's commitment to moving forward with corrective actions outlined in the Order. In accordance with your request for an amended timeline for corrective action and to provide the Respondent an opportunity to continue moving forward, the Department agrees to amend paragraphs 5 (b) and 5 (d) of the Order as outlined below.

b) Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the treatment modifications necessary to address the Maximum Contaminant Level (MCL) violations in accordance with Table 1 below.

Activity to be Completed	Due Date
Complete construction, obtain clearance, and place into service.	June 1, 2019

d) By June 1, 2019, the Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. The Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, and receive written Department clearance prior to placing the permitted system modifications into service.

The Respondent shall submit written quarterly updates on the progress of the corrective actions being taken. Updates shall be submitted to Mackenzie Black by email Mackenzie.Black@floridadep.gov within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

Failure to meet the above deadline or any other requirements of the Order may subject the Respondent to stipulated penalties in accordance with paragraph 7 of the Order.

If you have any questions, you may contact Mackenzie Black at (407) 897-4184, or by email at Mackenzie.Black@floridadep.gov.

Sincerely,

Aaron Watkins, Central District Director
Central District
Florida Department of Environmental Protection

AW/kr/ds/mb

Cc: **Lake Utility Services Inc.**: BKGongre@uiwater.com , SLHaws@uiwater.com , PCFlynn@uiwater.com , JPHoy@uiwater.com
Kimley-Horn: Steve.Romano@kimley-horn.com , Lance.Littrell@kimley-horn.com
FDEP Central District: David Smicherko, Nathan Hess, Daissan Villareal, Mackenzie Black

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

July 13, 2016

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services, Inc
PW Facility ID #3354883
Lake County

Dear Mr. Flynn

Enclosed is a Consent Order ("Order") prepared by the Department for resolution of the referenced enforcement case. Please review this document and by July 21, 2016 either: 1) return a signed copy to the Department or 2) provide comments and suggested changes. Once fully executed, a copy of the final document will be forwarded to you.

Should you have any questions or comments, please contact Wanda Parker-Garvin at 407-897-2934 or via e-mail at Wanda.Parker@dep.state.fl.us.

Sincerely,

Jeff Prather
Director, Central District

JP/wpg

Enclosure: Consent Order

cc: Bryan Gongre, Lake Utility Services Inc. [BKGongre@uiwater.com]
Caroline Shine, FDEP
Lea Crandall, FDEP

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 16-0376
LAKE UTILITIES SERVICES, INC.	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Lake Utilities Services, Inc. ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.852(5), F.S.

3. Respondent is the owner and operator of two Community Water Systems, PWS ID 3354883 Lake Utility Services Inc North and PWS ID 3354881 Lake Utility Services Inc South, located at 2425 US Highway 27, Clermont, FL 34714 in Lake County, Florida ("System").

4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for total trihalomethanes ("TTHMs") as 0.080 milligrams per liter ("mg/L") and the five haloacetic acids ("HAA5s") as 0.060 mg/L. The locational running annual average results for samples collected from PWS ID 3354881 at 16107 Green Cove Blvd. during the first and second quarter 2016 and analyzed for TTHMs are 0.092825 mg/L and 0.09485 mg/L, respectively. The locational running annual

average results for samples collected from PWS ID 3354883 at 13105 Pinyon Drive during the third and fourth quarter 2015 and the first and second quarter 2016 and analyzed for TTHMs are 0.08285 mg/L, 0.095.65 mg/L, 0.101875 mg/L and 0.9425 mg/L, respectively.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 90 days of the effective date of this Order, Respondent shall conduct a treatment study at the Lake Utility Services Inc South Greater Groves water treatment plant that reduces the generation of disinfection byproducts and submit a completed engineering analysis report to the Department. The study and subsequent corrective actions shall be conducted in accordance with the proposed compliance schedule submitted on March 18, 2016.

b) Within 30 days of the Department approval of the engineering analysis, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to submit an application, along with any required application fees, to the Department for a permit to construct any modifications needed to address the MCL violation(s).

c) Table 1:

Activity to be Completed	**Due Date**
Conduct a treatment study and submit an engineering analysis report	90 days of the effective date of this Order
Design the selected treatment option and conduct a pilot test using Greater Groves Well 3 as the source water in order to optimize membranes/media, unit sizing and equipment configuration.	180 days of the Department's approval of the engineering analysis.
Complete construction.	365 days of the issuance of the construction permit.
Initiate equipment testing and obtain clearance.	45 days of completion of construction.

c) If the Department requires additional information, modifications, or specifications to process the permit application described in subparagraph (5)(b), above, the Department will issue a written request for information ("RFI") to Respondent. Respondent shall submit the requested information in writing to the Department within 30 days of receipt of the request. Respondent shall provide all information requested in any additional RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the Department's receipt of the application described in subparagraph (5)(b), above, Respondent shall provide all information necessary to complete the application.

d) Within 24 months of the effective date of this Order, Respondent shall complete all corrective actions necessary to resolve the MCL exceedances described above. If the Department issues a permit pursuant to subparagraphs (5)(b), above, within 24 months of the effective date of this Order Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida. Respondent shall receive written Department clearance prior to placing the permitted system modifications into service. If a permit is not required to implement the corrective actions required by this paragraph, and none is issued by the Department pursuant to this Order, within 24 months of the effective date of this Order, Respondent shall submit to the Department a written statement attesting to the completion of all required actions.

e) If the approved modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the date the Department receives the proposal required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

f) Respondent shall continue to sample quarterly for TTHMs and HAA5s in accordance with Rule 62-550.822, F.A.C. Respondent shall submit all sampling results to the

Department within 10 days following the month in which the samples were taken or within 10 days following Respondent's receipt of the results, whichever is sooner.

g) Respondent shall continue to issue public notices regarding the MCL violation(s) described above every 90 days, as required by Rule 62-560.410(1), F.A.C., until the Department determines that the System is in compliance with all MCLs. Respondent shall submit certification of delivery of public notices, using DEP Form 62-555.900(22), F.A.C. to the Department within 10 days of issuing each public notice.

h) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Within 30 days of the completion of construction and clearance for operation, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

7. Respondent agrees to pay the Department stipulated penalties in the amount of $250 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

8. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order

becomes final and effective filed with the Clerk of the Department before ability to make online payment is available.

9. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Wanda Parker-Garvin, Environmental Manager, Compliance Assurance Program**,** Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

10. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

11. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

12. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next

working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

13. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

14. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

15. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

16. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $5,000.00 per day per violation, and criminal penalties.

17. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

18. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

19. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

20. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

21. Respondent shall publish the following notice in a newspaper of daily circulation in Lake County, Florida. The notice shall be published one time only within 14 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with LAKE UTILITIES SERVICES, INC. pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the maximum contaminant level ("MCL") exceedances of total trihalomethanes ("TTHMs") and the five haloacetic acids

("HAA5s") at 2425 US Highway 27, Clermont, FL 34714. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

22. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelist.htm

FOR THE RESPONDENT:

_____ _____

Patrick C. Flynn Date
Vice President of Operations

DONE AND ORDERED this _____ day of _____, 20___, in _____, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Jeff Prather
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

July 13, 2016

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services, Inc
PW Facility ID #3354883
Lake County

Dear Mr. Flynn

Enclosed is a Consent Order ("Order") prepared by the Department for resolution of the referenced enforcement case. Please review this document and by July 21, 2016 either: 1) return a signed copy to the Department or 2) provide comments and suggested changes. Once fully executed, a copy of the final document will be forwarded to you.

Should you have any questions or comments, please contact Wanda Parker-Garvin at 407-897-2934 or via e-mail at Wanda.Parker@dep.state.fl.us.

Sincerely,

Jeff Prather
Director, Central District

JP/wpg

Enclosure: Consent Order

cc: Bryan Gongre, Lake Utility Services Inc. [BKGongre@uiwater.com]
Caroline Shine, FDEP
Lea Crandall, FDEP

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 16-0376
LAKE UTILITIES SERVICES, INC.	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Lake Utilities Services, Inc. ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.852(5), F.S.

3. Respondent is the owner and operator of two Community Water Systems, PWS ID 3354883 Lake Utility Services Inc North and PWS ID 3354881 Lake Utility Services Inc South, located at 2425 US Highway 27, Clermont, FL 34714 in Lake County, Florida ("System").

4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for total trihalomethanes ("TTHMs") as 0.080 milligrams per liter ("mg/L") and the five haloacetic acids ("HAA5s") as 0.060 mg/L. The locational running annual average results for samples collected from PWS ID 3354881 at 16107 Green Cove Blvd. during the first and second quarter 2016 and analyzed for TTHMs are 0.092825 mg/L and 0.09485 mg/L, respectively. The locational running annual

average results for samples collected from PWS ID 3354883 at 13105 Pinyon Drive during the third and fourth quarter 2015 and the first and second quarter 2016 and analyzed for TTHMs are 0.08285 mg/L, 0.095.65 mg/L, 0.101875 mg/L and 0.9425 mg/L, respectively.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 90 days of the effective date of this Order, Respondent shall conduct a treatment study at the Lake Utility Services Inc South Greater Groves water treatment plant that reduces the generation of disinfection byproducts and submit a completed engineering analysis report to the Department. The study and subsequent corrective actions shall be conducted in accordance with the proposed compliance schedule submitted on March 18, 2016.

b) Within 30 days of the Department approval of the engineering analysis, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to submit an application, along with any required application fees, to the Department for a permit to construct any modifications needed to address the MCL violation(s).

c) Table 1:

Activity to be Completed	**Due Date**
Conduct a treatment study and submit an engineering analysis report	90 days of the effective date of this Order
Design the selected treatment option and conduct a pilot test using Greater Groves Well 3 as the source water in order to optimize membranes/media, unit sizing and equipment configuration.	180 days of the Department's approval of the engineering analysis.
Complete construction.	365 days of the issuance of the construction permit.
Initiate equipment testing and obtain clearance.	45 days of completion of construction.

c) If the Department requires additional information, modifications, or specifications to process the permit application described in subparagraph (5)(b), above, the Department will issue a written request for information ("RFI") to Respondent. Respondent shall submit the requested information in writing to the Department within 30 days of receipt of the request. Respondent shall provide all information requested in any additional RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the Department's receipt of the application described in subparagraph (5)(b), above, Respondent shall provide all information necessary to complete the application.

d) Within 24 months of the effective date of this Order, Respondent shall complete all corrective actions necessary to resolve the MCL exceedances described above. If the Department issues a permit pursuant to subparagraphs (5)(b), above, within 24 months of the effective date of this Order Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida. Respondent shall receive written Department clearance prior to placing the permitted system modifications into service. If a permit is not required to implement the corrective actions required by this paragraph, and none is issued by the Department pursuant to this Order, within 24 months of the effective date of this Order, Respondent shall submit to the Department a written statement attesting to the completion of all required actions.

e) If the approved modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the date the Department receives the proposal required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

f) Respondent shall continue to sample quarterly for TTHMs and HAA5s in accordance with Rule 62-550.822, F.A.C. Respondent shall submit all sampling results to the

Department within 10 days following the month in which the samples were taken or within 10 days following Respondent's receipt of the results, whichever is sooner.

g) Respondent shall continue to issue public notices regarding the MCL violation(s) described above every 90 days, as required by Rule 62-560.410(1), F.A.C., until the Department determines that the System is in compliance with all MCLs. Respondent shall submit certification of delivery of public notices, using DEP Form 62-555.900(22), F.A.C. to the Department within 10 days of issuing each public notice.

h) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Within 30 days of the completion of construction and clearance for operation, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

7. Respondent agrees to pay the Department stipulated penalties in the amount of $250 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

8. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order

becomes final and effective filed with the Clerk of the Department before ability to make online payment is available.

9. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Wanda Parker-Garvin, Environmental Manager, Compliance Assurance Program**,** Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

10. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

11. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

12. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next

working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

13. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

14. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

15. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

16. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $5,000.00 per day per violation, and criminal penalties.

17. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

18. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

19. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

20. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

21. Respondent shall publish the following notice in a newspaper of daily circulation in Lake County, Florida. The notice shall be published one time only within 14 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with LAKE UTILITIES SERVICES, INC. pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the maximum contaminant level ("MCL") exceedances of total trihalomethanes ("TTHMs") and the five haloacetic acids

("HAA5s") at 2425 US Highway 27, Clermont, FL 34714. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

22. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelist.htm

FOR THE RESPONDENT:

_____ _____

Patrick C. Flynn Date
Vice President of Operations

DONE AND ORDERED this _____ day of _____, 20___, in _____, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
Jeff Prather
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

Florida Department of Environmental Protection

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

September 12, 2016

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc. North
PW Facility ID #3354883
OGC Case #16-0376

Dear Mr. Flynn:

Enclosed is the executed Consent Order to resolve the above referenced case. This copy is for your records.

Should you have any questions or comments, please contact Wanda Parker-Garvin at 407-897-2934 or via e-mail at Wanda.Parker@dep.state.fl.us.

Your cooperation in this matter will be appreciated.

Sincerely,

Jeff Prather
Director, Central District

JP/wpg

Enclosure

cc: Bryan Gongre, Lake Utility Services Inc. [BKGongre@uiwater.com]
Caroline Shine, FDEP
Lea Crandall, OGC
Kris Tulloch, FDEP

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 16-0376
UTILITIES, INC. OF FLORIDA,	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Utilities, Inc. of Florida, formerly Lake Utilities Services, Inc., ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.852(5), F.S.

3. Respondent is the owner and operator of two Community Water Systems, PWS ID 3354883 Lake Utility Services North and PWS ID 3354881 Lake Utility Services South, located at 2425 US Highway 27, Clermont, FL 34714 in Lake County, Florida ("System").

4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for total trihalomethanes ("TTHMs") as 0.080 milligrams per liter ("mg/L") and the five haloacetic acids ("HAA5s") as 0.060 mg/L. The locational running annual average results for samples collected from PWS ID 3354881 at 16107 Green Cove Blvd. during the first and second quarter 2016 and analyzed for TTHMs are 0.092825 mg/L and 0.09485 mg/L, respectively. The locational running annual

average results for samples collected from PWS ID 3354883 at 13105 Pinyon Drive during the third and fourth quarter 2015 and the first and second quarter 2016 and analyzed for TTHMs are 0.08285 mg/L, 0.09565 mg/L, 0.101875 mg/L and 0.9425 mg/L, respectively.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 30 days of the effective date of this Order, Respondent shall complete and submit to the Department an engineering analysis of the Lake Utility Services South (LUSI South) Water Treatment Plant that identifies the method of treatment upgrades that will reduce the generation of disinfection byproducts such that LUSI South will be in compliance with the Disinfection Byproducts Rule. The study and subsequent corrective actions shall be conducted in accordance with the proposed compliance schedule submitted to the Department on March 18, 2016.

b) Within 60 days of the Department approval of the engineering analysis, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the modifications needed to address the MCL violation(s) in accordance with Table 1 below.

Table 1:

Activity to be Completed	**Due Date**
1. Conduct a treatment study and submit an engineering analysis report.	30 days after the effective date of this Order.
2. Hire an engineering consultant to initiate design of treatment plant modifications.	60 days after the Department's acceptance and approval of the treatment study.
3. Design the selected treatment option and conduct a pilot test using LUSI South Well 3 as the source water in order to optimize membranes/media,	180 days after Respondent's selection of the engineering consultant.

unit sizing and equipment configuration.	
4. Submit an application for a permit to construct modifications to the LUSI South WTP.	30 days after the completion of the design modifications to the LUSI South WTP.
5. Complete construction.	365 days after the issuance of the construction permit by the Department.
6. Initiate equipment testing and obtain clearance.	45 days of completion of construction.

c) If the Department requires additional information, modifications, or specifications to process the permit application described in subparagraph (5)(b), above, the Department will issue a written request for information ("RFI") to Respondent. Respondent shall submit the requested information in writing to the Department within 30 days of receipt of the request. Respondent shall provide all information requested in any additional RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the Department's receipt of the application described in subparagraph (5)(b), above, Respondent shall provide all information necessary to complete the application.

d) Within 15 months of the issuance of the construction permit, Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida and received written Department clearance prior to placing the permitted system modifications into service.

e) If the approved modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the date the Department receives the proposal

required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

f) Respondent shall continue to sample quarterly for TTHMs and HAA5s in accordance with Rule 62-550.822, F.A.C. Respondent shall submit all sampling results to the Department within 10 days following the month in which the samples were taken or within 10 days following Respondent's receipt of the results, whichever is sooner.

g) Respondent shall continue to issue public notices regarding the MCL violation(s) described above every 90 days, as required by Rule 62-560.410(1), F.A.C., until the Department determines that the System is in compliance with all MCLs. Respondent shall submit certification of delivery of public notices, using DEP Form 62-555.900(22), F.A.C. to the Department within 10 days of issuing each public notice.

h) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Within 30 days of the completion of construction and clearance for operation, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

7. Respondent agrees to pay the Department stipulated penalties in the amount of $250 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

8. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the

"Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order becomes final and effectively filed with the Clerk of the Department before ability to make online payment is available.

9. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Wanda Parker-Garvin, Environmental Manager, Compliance Assurance Program**,** Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

10. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

11. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

12. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is

delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department within two days of the delay, and then within seven calendar days, shall notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

13. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent’s complete compliance with all of the terms of this Order.

14. This Order is a settlement of the Department’s civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

15. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

16. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $5,000.00 per day per violation, and criminal penalties.

17. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

18. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

19. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

20. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

21. Respondent shall publish the following notice in a newspaper of daily circulation in Lake County, Florida. The notice shall be published one time only within 14 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with LAKE UTILITIES SERVICES, INC. pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the maximum contaminant level ("MCL") exceedances of total trihalomethanes ("TTHMs") and the five haloacetic acids ("HAA5s") at 2425 US Highway 27, Clermont, FL 34714. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

22. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelist.htm

FOR THE RESPONDENT:

Patrick C. Flynn
Vice President of Operations

9/6/2016
Date

DONE AND ORDERED this 12th day of September, 2016 in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Jeff Prather
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

September 12, 2016
Date

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

Florida Department of Environmental Protection

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

September 12, 2016

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc. North
PW Facility ID #3354883
OGC Case #16-0376

Dear Mr. Flynn:

Enclosed is the executed Consent Order to resolve the above referenced case. This copy is for your records.

Should you have any questions or comments, please contact Wanda Parker-Garvin at 407-897-2934 or via e-mail at Wanda.Parker@dep.state.fl.us.

Your cooperation in this matter will be appreciated.

Sincerely,

Jeff Prather
Director, Central District

JP/wpg

Enclosure

cc: Bryan Gongre, Lake Utility Services Inc. [BKGongre@uiwater.com]
Caroline Shine, FDEP
Lea Crandall, OGC
Kris Tulloch, FDEP

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
v.	)	OGC FILE NO. 16-0376
UTILITIES, INC. OF FLORIDA,	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Utilities, Inc. of Florida, formerly Lake Utilities Services, Inc., ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.852(5), F.S.

3. Respondent is the owner and operator of two Community Water Systems, PWS ID 3354883 Lake Utility Services North and PWS ID 3354881 Lake Utility Services South, located at 2425 US Highway 27, Clermont, FL 34714 in Lake County, Florida ("System").

4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for total trihalomethanes ("TTHMs") as 0.080 milligrams per liter ("mg/L") and the five haloacetic acids ("HAA5s") as 0.060 mg/L. The locational running annual average results for samples collected from PWS ID 3354881 at 16107 Green Cove Blvd. during the first and second quarter 2016 and analyzed for TTHMs are 0.092825 mg/L and 0.09485 mg/L, respectively. The locational running annual

average results for samples collected from PWS ID 3354883 at 13105 Pinyon Drive during the third and fourth quarter 2015 and the first and second quarter 2016 and analyzed for TTHMs are 0.08285 mg/L, 0.09565 mg/L, 0.101875 mg/L and 0.9425 mg/L, respectively.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 30 days of the effective date of this Order, Respondent shall complete and submit to the Department an engineering analysis of the Lake Utility Services South (LUSI South) Water Treatment Plant that identifies the method of treatment upgrades that will reduce the generation of disinfection byproducts such that LUSI South will be in compliance with the Disinfection Byproducts Rule. The study and subsequent corrective actions shall be conducted in accordance with the proposed compliance schedule submitted to the Department on March 18, 2016.

b) Within 60 days of the Department approval of the engineering analysis, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the modifications needed to address the MCL violation(s) in accordance with Table 1 below.

Table 1:

Activity to be Completed	**Due Date**
1. Conduct a treatment study and submit an engineering analysis report.	30 days after the effective date of this Order.
2. Hire an engineering consultant to initiate design of treatment plant modifications.	60 days after the Department's acceptance and approval of the treatment study.
3. Design the selected treatment option and conduct a pilot test using LUSI South Well 3 as the source water in order to optimize membranes/media,	180 days after Respondent's selection of the engineering consultant.

unit sizing and equipment configuration.	
4. Submit an application for a permit to construct modifications to the LUSI South WTP.	30 days after the completion of the design modifications to the LUSI South WTP.
5. Complete construction.	365 days after the issuance of the construction permit by the Department.
6. Initiate equipment testing and obtain clearance.	45 days of completion of construction.

c) If the Department requires additional information, modifications, or specifications to process the permit application described in subparagraph (5)(b), above, the Department will issue a written request for information ("RFI") to Respondent. Respondent shall submit the requested information in writing to the Department within 30 days of receipt of the request. Respondent shall provide all information requested in any additional RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the Department's receipt of the application described in subparagraph (5)(b), above, Respondent shall provide all information necessary to complete the application.

d) Within 15 months of the issuance of the construction permit, Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida and received written Department clearance prior to placing the permitted system modifications into service.

e) If the approved modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the date the Department receives the proposal

required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

f) Respondent shall continue to sample quarterly for TTHMs and HAA5s in accordance with Rule 62-550.822, F.A.C. Respondent shall submit all sampling results to the Department within 10 days following the month in which the samples were taken or within 10 days following Respondent's receipt of the results, whichever is sooner.

g) Respondent shall continue to issue public notices regarding the MCL violation(s) described above every 90 days, as required by Rule 62-560.410(1), F.A.C., until the Department determines that the System is in compliance with all MCLs. Respondent shall submit certification of delivery of public notices, using DEP Form 62-555.900(22), F.A.C. to the Department within 10 days of issuing each public notice.

h) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Within 30 days of the completion of construction and clearance for operation, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.

7. Respondent agrees to pay the Department stipulated penalties in the amount of $250 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

8. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the

"Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: http://www.fldepportal.com/go/pay/. It will take a number of days after this order becomes final and effectively filed with the Clerk of the Department before ability to make online payment is available.

9. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Wanda Parker-Garvin, Environmental Manager, Compliance Assurance Program**,** Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803**.**

10. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

11. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

12. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is

delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department within two days of the delay, and then within seven calendar days, shall notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

13. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent’s complete compliance with all of the terms of this Order.

14. This Order is a settlement of the Department’s civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

15. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

16. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $5,000.00 per day per violation, and criminal penalties.

17. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

18. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

19. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

20. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

21. Respondent shall publish the following notice in a newspaper of daily circulation in Lake County, Florida. The notice shall be published one time only within 14 days of the effective date of the Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with LAKE UTILITIES SERVICES, INC. pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses the maximum contaminant level ("MCL") exceedances of total trihalomethanes ("TTHMs") and the five haloacetic acids ("HAA5s") at 2425 US Highway 27, Clermont, FL 34714. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

22. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelist.htm

FOR THE RESPONDENT:

Patrick C. Flynn
Vice President of Operations

9/6/2016
Date

DONE AND ORDERED this 12th day of September, 2016 in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Jeff Prather
District Director
Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

September 12, 2016
Date

Copies furnished to:
Lea Crandall, Agency Clerk
Mail Station 35

Thomas, Deirdre R

From: Parker, Wanda
Sent: Monday, December 19, 2016 4:47 PM
To: Patrick Flynn
Cc: Scotty Haws; Bryan Gongre; John Hoy; Steve Romano; Belian, Nicole; Farris, Jill
Subject: RE: LUSI South Consent Order OGC 16-0376 TTHM Exceedances

Good Afternoon Mr. Flynn,

Thank you for the expeditious updates required by the Consent Order. We too were happy to hear of the fourth quarter sample results for both facilities. Your cooperation throughout the corrective action process to date is very much appreciated.

Happy Holidays to you and your staff!

Regards,

Wanda Parker-Garvin
Environmental Manager
Compliance Assurance Program
Central District
3319 Maguire Blvd. Ste 232
Orlando, FL 32803-3767
Wanda.Parker@dep.state.fl.us
Phone: 407-897-2934

From: Patrick Flynn [mailto:PCFlynn@uiwater.com]
Sent: Monday, December 19, 2016 10:42 AM
To: Parker, Wanda <Wanda.Parker@dep.state.fl.us>
Cc: Scotty Haws <SLHaws@uiwater.com>; Bryan Gongre <BKGongre@uiwater.com>; John Hoy <JPHoy@uiwater.com>; Steve Romano <Steve.Romano@kimley-horn.com>
Subject: LUSI South Consent Order OGC 16-0376 TTHM Exceedances

Ms. Parker-Garvin, good morning.
In conformance with the requirement identified in Paragraph 5.b of the LUSI Consent Order, please be advised that Utilities, Inc. of Florida has selected Steve Romano of Kimley-Horn and Associates to design the modifications to the Lake Groves Water Treatment Plant that are needed to address the violation within the LUSI South water system of the Disinfection By-Products Rule. As required by the terms of the Consent Order (Item #4 in Table 1), Kimley-Horn now will have 180 days to conduct a pilot test, using Lake Groves Well #3 as the source water to optimize the selection of the membrane/media, followed by the design of the necessary upgrades to the Lake Groves WTP. We remain on schedule with the terms of the Consent Order.

Please note that our fourth quarter sample results indicate that the LRAA at all sample locations in both LUSI North and LUSI South are now below the MCL for both TTHM and HAA5. Our operational adjustments, particularly the use of Lake Groves Wells 1 and 2 on a daily basis while minimizing the use of Lake Groves Well #3, have been successful in achieving a short-term solution. We look forward to having the improvements to

the Lake Groves Plant completed and in service so that we will have the long-term solution established and allow the closure of the Consent Order thereafter.

If you have any questions or need additional information, please do not hesitate to contact me.

Regards,
Patrick C. Flynn

Patrick C. Flynn
Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714-4027
Ph: (866) 842-8432, x1359
pcflynn@uiwater.com

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

July 6, 2017

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc.
PW Facility ID #3354883
PW Facility ID #3354881
OGC Case #16-0376

The purpose of this letter is to inform you that the Department's Consent Order ("Order") with Lake Utility Services, Inc. (Respondent) for the Lake Utility Services Inc. (LUSI) North and South Water Treatment Plant (WTP) has been modified in accordance with your request. The Department had approved the engineering analysis that was submitted in accordance with paragraph 5 (b) of the Order. The Department recognizes that the Respondent has now determined that an alternative treatment process to that previously approved by the Department may reduce the generation of disinfection byproducts in a more cost-effective manner.

The Department acknowledges the Respondent's commitment to moving forward with corrective actions outlined in the Order. In accordance with your request for an amended timeline for corrective action and to provide the Respondent an opportunity to continue moving forward, the Department agrees to amend paragraphs 5 (b) and 5 (d) of the Order as outlined below.

b) Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the treatment modifications necessary to address the Maximum Contaminant Level (MCL) violations in accordance with Table 1 below.

Activity to be Completed	Due Date
Submit an application for a permit to construct modifications to the LUSI South WTP, with water treatment process upgrades that will reduce the generation of disinfection byproducts such that the LUSI South WTP will be in compliance with the Disinfection Byproducts Rule.	May 1, 2018
Begin construction of permanent facility.	August 1, 2018
Complete construction, obtain clearance, and place into service.	February 1, 2019

d) Within nine (9) months of application for the construction permit, the Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. The Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, and receive written Department clearance prior to placing the permitted system modifications into service.

The Respondent shall submit written quarterly updates on the progress of the corrective actions being taken. Updates shall be submitted to Nikki Belian by email Nicole.Belian@dep.state.fl.us within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

Failure to meet the above deadline or any other requirements of the Order may subject the Respondent to stipulated penalties in accordance with paragraph 7 of the Order.

If you have any questions, you may contact Nikki Belian at (407) 897-2907, or by email at Nicole.Belian@dep.state.fl.us.

Sincerely,

Aaron Watkins, Assistant District Director
Central District
Florida Department of Environmental Protection

aw/cf/nb

cc: **Lake Utility Services Inc.**: BKGongre@uiwater.com , SLHaws@uiwater.com , PCFlynn@uiwater.com , JPHoy@uiwater.com
Kimley-Horn: Steve.Romano@kimley-horn.com , Lance.Littrell@kimley-horn.com
FDEP Central District: Christianne Ferraro, Nathan Hess, Wanda Parker-Garvin, Daissan Villareal, Nikki Belian

FLORIDA DEPARTMENT OF
Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

January 11, 2019

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc.
PW Facility ID #3354883
PW Facility ID #3354881
OGC Case #16-0376

The purpose of this letter is to inform you that the Department's Consent Order ("Order") with Lake Utility Services, Inc. (Respondent) for the Lake Utility Services Inc. (LUSI) North and South Water Treatment Plant (WTP) has been modified in accordance with your request. The Department had approved the engineering analysis that was submitted in accordance with paragraph 5 (b) of the Order. The Department recognizes that the Respondent has now determined that an alternative treatment process to that previously approved by the Department may reduce the generation of disinfection byproducts in a more cost-effective manner.

The Department acknowledges the Respondent's commitment to moving forward with corrective actions outlined in the Order. In accordance with your request for an amended timeline for corrective action and to provide the Respondent an opportunity to continue moving forward, the Department agrees to amend paragraphs 5 (b) and 5 (d) of the Order as outlined below.

b) Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the treatment modifications necessary to address the Maximum Contaminant Level (MCL) violations in accordance with Table 1 below.

Activity to be Completed	Due Date
Complete construction, obtain clearance, and place into service.	June 1, 2019

d) By June 1, 2019, the Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. The Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, and receive written Department clearance prior to placing the permitted system modifications into service.

The Respondent shall submit written quarterly updates on the progress of the corrective actions being taken. Updates shall be submitted to Mackenzie Black by email Mackenzie.Black@floridadep.gov within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

Failure to meet the above deadline or any other requirements of the Order may subject the Respondent to stipulated penalties in accordance with paragraph 7 of the Order.

If you have any questions, you may contact Mackenzie Black at (407) 897-4184, or by email at Mackenzie.Black@floridadep.gov.

Sincerely,

Aaron Watkins, Central District Director
Central District
Florida Department of Environmental Protection

AW/kr/ds/mb

Cc: **Lake Utility Services Inc.**: BKGongre@uiwater.com , SLHaws@uiwater.com , PCFlynn@uiwater.com , JPHoy@uiwater.com
Kimley-Horn: Steve.Romano@kimley-horn.com , Lance.Littrell@kimley-horn.com
FDEP Central District: David Smicherko, Nathan Hess, Daissan Villareal, Mackenzie Black

June 25, 2019

Mackenzie Black
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803

RE: Utilities, Inc. of Florida
PWS ID No. 3354881, LUSI South
OGC Case #16-0376
Quarterly Report, Q2 2019

Dear Mackenzie:

Pursuant to the requirements of the above referenced Consent Order, the following items are noted during the 2nd quarter of 2019.

Utilities, Inc. of Florida staff, along with our contract engineer, Steve Romano of Kimley-Horn & Associates, met with Department staff on June 14, 2017, to discuss an alternative pilot study designed to investigate the use of chlorine dioxide as an alternative to membrane filtration as the optimum pre-treatment method. The Utility requested an extension of timelines within the existing Consent Order to accomplish that effort.

The Department was amenable to our request and forwarded a letter on July 6, 2017 with the extended timelines identified.

On September 15, 2017, a draft pilot study protocol was forwarded to the Department for approval prior to beginning the pilot testing. A follow up meeting with the Department was held on October 5, 2017 to discuss revisions to the draft protocol. A revised protocol subsequently was submitted and approved by the Department.

A pilot study utilizing chlorine dioxide as a pre-treatment method commenced at the Lake Groves WTP on November 14, 2017 and concluded the week of January 8, 2018 with all data compiled in a report for comparison to the previously completed membrane filtration pilot study. A submittal package was forwarded to the Department on December 27, 2017 for approval to move the treatment equipment to our Lake Louisa WTP for a further pilot study at that location. The Department approved the Lake Louisa pilot test on February 15, 2018, which commenced on May 24, 2018 and concluded on July 6, 2018.

Utilities, Inc. of Florida submitted a construction permit application with supporting documentation on May 1, 2018. The Department issued the permit to construct on May 10, 2018. The project has been completed and the Utility received clearance to operate on June 5, 2019.

Start-up of the new treatment facilities occurred on June 11, 2019 with the system being dialed in each day going forward to achieve optimal conditions.

The Utility has discontinued the use of the Upper Floridan wells at the Lake Groves Water Plant, Wells 1 and 2, as the primary water sources at that facility. Lake Groves Well 3, a Lower Floridan well that contains significantly more TTHM precursors than Wells 1 and 2, has been placed in the lead position with wells 1 and 2 in standby mode until further notice. Additionally, we have reduced the use of the wells at Amber Hill, Vistas Well #3, Clermont II Well #1, and The Oranges well in order to reduce the Locational Running Annual Average (LRAA) values within LUSI North.

This operational strategy of optimizing the chlorine feed rate at all locations, executing a water main flushing strategy to reduce water age, and leveraging the use of our SCADA technology to utilize wells low in DOC as primary water sources has been successful in reducing the LRAA values in LUSI North and South.

The May 2019 TTHM/HAA5 sampling analysis results were all under the Running Annual Average MCL.

All requirements of the above referenced Consent Order have been addressed, therefore the Utility requests that the Consent Order be closed.

If you should have any questions or require further information, please do not hesitate to contact me directly at 321.972.0362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Compliance & Safety Manager

EC: Patrick C. Flynn, Vice President
Bryan Gongre, Regional Manager

FLORIDA DEPARTMENT OF
Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

August 21, 2019

Patrick C. Flynn, Regulatory Director
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc.
PW Facility ID# 3354881
PW Facility ID# 3354883
Lake County

Dear Mr. Flynn:

The purpose of this letter is to inform you that the Department's enforcement case against Utilities Inc. of Florida has been closed. A records review conducted on August 15, 2019, found that the requirements of Consent Order OGC File No.: 16-0376 have been satisfied.

The Department appreciates your efforts and cooperation in bringing this facility into compliance with state and federal rules. Should you have any questions or comments, please contact Mackenzie Black at 407-897-4184 or via e-mail at Mackenzie.Black@floridadep.gov.

Sincerely,

Kimberly Rush, P.E.
Assistant Director, Central District

KR/ds/mmb

cc: Donna Ethridge, OGC
Mackenzie Black Mackenzie.Black@floridadep.gov
David Smicherko David.Smicherko@floridadep.gov
Bryan Gongre BKGongre@UIWater.com

Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

July 6, 2017

Mr. Patrick Flynn, Vice President
Lake Utility Services, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714
PCFlynn@UIWater.com

Re: Lake Utility Services Inc.
PW Facility ID #3354883
PW Facility ID #3354881
OGC Case #16-0376

The purpose of this letter is to inform you that the Department's Consent Order ("Order") with Lake Utility Services, Inc. (Respondent) for the Lake Utility Services Inc. (LUSI) North and South Water Treatment Plant (WTP) has been modified in accordance with your request. The Department had approved the engineering analysis that was submitted in accordance with paragraph 5 (b) of the Order. The Department recognizes that the Respondent has now determined that an alternative treatment process to that previously approved by the Department may reduce the generation of disinfection byproducts in a more cost-effective manner.

The Department acknowledges the Respondent's commitment to moving forward with corrective actions outlined in the Order. In accordance with your request for an amended timeline for corrective action and to provide the Respondent an opportunity to continue moving forward, the Department agrees to amend paragraphs 5 (b) and 5 (d) of the Order as outlined below.

b) Respondent shall retain the services of a professional engineer, registered in the State of Florida, to initiate the design of the treatment modifications necessary to address the Maximum Contaminant Level (MCL) violations in accordance with Table 1 below.

Activity to be Completed	Due Date
Submit an application for a permit to construct modifications to the LUSI South WTP, with water treatment process upgrades that will reduce the generation of disinfection byproducts such that the LUSI South WTP will be in compliance with the Disinfection Byproducts Rule.	May 1, 2018
Begin construction of permanent facility.	August 1, 2018
Complete construction, obtain clearance, and place into service.	February 1, 2019

d) Within nine (9) months of application for the construction permit, the Respondent shall complete construction and place into service all treatment modifications and all corrective actions necessary to resolve the MCL exceedances described above. The Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, and receive written Department clearance prior to placing the permitted system modifications into service.

The Respondent shall submit written quarterly updates on the progress of the corrective actions being taken. Updates shall be submitted to Nikki Belian by email Nicole.Belian@dep.state.fl.us within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

Failure to meet the above deadline or any other requirements of the Order may subject the Respondent to stipulated penalties in accordance with paragraph 7 of the Order.

If you have any questions, you may contact Nikki Belian at (407) 897-2907, or by email at Nicole.Belian@dep.state.fl.us.

Sincerely,

Aaron Watkins, Assistant District Director
Central District
Florida Department of Environmental Protection

aw/cf/nb

cc: **Lake Utility Services Inc.**: BKGongre@uiwater.com , SLHaws@uiwater.com , PCFlynn@uiwater.com , JPHoy@uiwater.com
Kimley-Horn: Steve.Romano@kimley-horn.com , Lance.Littrell@kimley-horn.com
FDEP Central District: Christianne Ferraro, Nathan Hess, Wanda Parker-Garvin, Daissan Villareal, Nikki Belian

Utilities, Inc.

June 4, 2011

Mr. Justin Christensen, E.I.
Florida Department of Environmental Protection
Drinking Water Section
3319 Maguire Boulevard, Suite 232
Orlando, FL. 32803-3767

RE: 2012 2nd Qtr. TTHM and HAA5's
Park Ridge
PWS ID# 3590993

Dear Mr. Christensen:

Enclosed please find the results of the samples taken on May 8, 2012 for the above referenced analysis and system.

Should you have any questions or require additional information, please contact me at 407-682-5651.

Sincerely,

UTILITIES, INC. OF FLORIDA

Nate Carver
Area Manager

Enclosures (4)

EC: Bryan Gongre, Regional Manager, UIF
Scotty L. Haws, Regional Compliance & Safety Manager, UIF

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - please type or pring legibly)

System Name: PARK RIDGE PWS I.D. # 3590993

System Type (check one): ☒ Community ☐ Nontransient Noncommunity ☐ Transient Noncommunity

Address: 200 Weathersfield Blvd

City: ALTAMONTE SPRINGS FL. ZIP Code: 32714

Phone #: 407-869-1919 Fax #: 407.869.6961 E-Mail Address: NGCARVER@UIWATER.COM

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: 176332DW1 Sample Date: 5-18-2012 Sample Time: 11:05 (AM) PM (Circle One)

Sample Location (be specific): 161 CANAL ST Location Code: 161 Canal St.

Disinfectant Residual (required when reporting trihalomethanes and haloacetic acids): 1.6 mg/L Field pH: ____

Sample Type (Check Only One)	Reason(s) for Sample (Check all that apply)	
☒ Distribution	☐ Routine Compliance (with 62-550)	☐ Replacement (of Invalidated Sample)
☐ Entry Point (to Distribution)	☐ Confirmation of MCL Exceedance*	☐ Special (not for compliance with 62-550)
☐ Plant Tap (not for compliance with 62-550)	☐ Composite of Multiple Sites **	☐ Clearance (permitting)
☐ Raw (at well or intake)	☑ Other: Quarterly TTHM - HAA5	
☐ Max Residence Time	☐ Sampling Procedure Used or Other Comments:	
☐ Avg Residence Time		
☐ Near First Customer		

* See 62-550.500(6) for requirements and restrictions And 62-550.512(3) for nitrate or nitrite exceedances.

** See 62-550.550(4) for requirements and attach a results page for each site.

SAMPLER CERTIFICATION

I, Pedro Figueroa (Print Name), LEAD WATER OPERATOR (Print Title), do HEREBY CERTIFY that the above public water system and collection information is complete and correct.

Signature: [signature] Date: 6-4-2012

Certified Operator #: 0017160 Phone #: 407-448-5342 Sampler's Fax: 407-869-6961

Sampler's E-Mail: PFIGUEROA@UIWATER.COM

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to be completed by lab - please type or print legibly)

Lab Name: Flowers Chemical Laboratories, Inc. Florida DOH Certification #: E83018 Certification Expiration Date: 6/30/2012

ATTACH CURRENT DOH ANALYTE SHEET*

Address: P. O. Box 150597, Altamonte Springs, FL 32715-0597 Phone #: 407-339-5984

Were any analyses subcontracted? ☐ Yes ☑ No If yes, please provide DOH certification number(s): _____

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB*

ANALYSIS INFORMATION(to be completed by lab) Date Sample(s) Received: 05/18/12

PWS ID (From Page 1): 3590993 Sample Number (From Page 1): 176332DW1 Lab Assigned Report # or Job ID: 176332

Group(s) analyzed and results attached for compliance with Chapter 62-550, F.A.C. (check all that apply)

Inorganics	Synthetic Organics	Volatile Organics	Disinfection Byproducts	Radionuclides	Secondaries
☐ All Except Asbestos	☐ All 30	☐ All 21	☑ Trihalomethanes	☐ Single Sample	☐ All 14
☐ Partial	☐ All Except Dioxin	☐ Partial	☑ Haloacetic Acids	☐ Qtrly Composite**	☐ Partial
☐ Nitrate	☐ Partial		☐ Chlorite		
☐ Nitrite	☐ Dioxin Only		☐ Bromate		
☐ Asbestos					

LAB CERTIFICATION

I, Jefferson S. Flowers, Technical Director, do HEREBY CERTIFY that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: Date: 05/25/12

* Failure to provide a valid and current Florida DOH certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report and possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION AND NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

Compliance Determination (to be completed by DEP or DOH - attach notes as necessary)

Sample Collection & Analysis Satisfactory ☐ Yes ☐ No _____ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format

DISINFECTION BYPRODUCTS
62-550.310(3)

Report Number / Job ID: 176332DW1
Disinfectant Residual (mg/L): 1.6
PWS ID (From Page 1): 3590993

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Cert #
2450	Monochloroacetic Acid	N/A	ug/L	2.00	U	EPA552.2	2.00	2.0	05/24/12		E83018
2451	Dichloroacetic Acid	N/A	ug/L	2.14		EPA552.2	1.00	1.0	05/24/12		E83018
2452	Trichloroacetic Acid	N/A	ug/L	1.84		EPA552.2	0.500	1.0	05/24/12		E83018
2453	Monobromoacetic Acid	N/A	ug/L	1.00	U	EPA552.2	1.00	1.0	05/24/12		E83018
2454	Dibromoacetic Acid	N/A	ug/L	0.801		EPA552.2	0.500	1.0	05/24/12		E83018
2456	Total Haloacetic Acids (HAA5)	60	ug/L	4.78		EPA552.2	0.500	---	05/24/12		E83018

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Cert #
2941	Chloroform	N/A	ug/L	3.16		EPA502.2	0.500	1.0	05/21/12		E83018
2942	Bromoform	N/A	ug/L	0.500	U	EPA502.2	0.500	1.0	05/21/12		E83018
2943	Bromodichloromethane	N/A	ug/L	1.13		EPA502.2	0.500	1.0	05/21/12		E83018
2944	Dibromochloromethane	N/A	ug/L	0.997		EPA502.2	0.500	1.0	05/21/12		E83018
2950	Total Trihalomethanes (TTHM)	80	ug/L	5.29		EPA502.2	0.500	---	05/21/12		E83018

-509-

** Laboratories are required to adhere to the minimum reporting level (MRL) requirements of 40 CFR 141.131(b)(2)(iv)
*** Applicable to monitoring as prescribed in 40 CFR 141.132(b)(2)(i)(B) and (b)(2)(ii)
**** Laboratories that use EPA methods 317.0 Revision 2.0, 326.0 or 321.8 must meet a 1.0 ug/L MRL for bromate.

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

FLOWERS CHEMICAL LABORATORIES INCORPORATED

☐ **Flowers Chemical Laboratories, Inc.**
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110

☐ **Flowers Chemical Labs-South**
West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

☐ **Flowers Chemical Labs-North**
812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

☐ **Flowers Chemical Labs-Keys**
3980 Overseas Highway
Ste. 103
Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598

www.flowerslabs.com

nt: UTILITIES INC

Public Water System Name: PARK RIDGE

ress: 20 Weathersfield AVE ALTAMONTE SPRINGS FL

PWS ID#: 3590993

P.O. #:

07-869-1919

FCL Lab Coordinator:

Kit #:

np: Pedro Figueroa

npled By (PRINT): Pedro Figueroa 5-18-2012

Public Water System Type: ☐ Limited Use Commercial / Public ☒ Community ☐ Non-Community ☐ Non-transient / Non-Community

COMMENTS: PLANT ON chloramines

pler Signature: Pedro Figueroa Date Sampled:

RINKING WATER - Chain of Custody F.A.C. 62 - 550

ITEM NO.	SAMPLE DESCRIPTION	DATE	TIME	LAB NO.	NUMBER	PRESERVATIVES: NONE	NaOH	HNO_3	HCl	$Na_2S_2O_3$	1 CW	Primary Inorg.	Secondaries	VOCs	SOCs	NOx / NO_3	TTHM	THAA	PDCU	GA / RAZ28 RAZ26	Asbestos			Field pH	Field Cl_2 Res.
1	161 Canal ST	5-18-12	11:05 AM								X						X	X							TOTAL 1.6
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
										5/18/12	11:7

• **WHITE** - Ship with Samples / To Be Returned with Results • **YELLOW** - Field Copy / Retain For Your Records

PDW 02-04

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

VIA E-MAIL
pcflynn@uiwater.com

Mr. Patrick Flynn, Regional Director
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714

OCD-PW-CE-12-0555

Seminole County - PW
Park Ridge
PWS ID #3590993
OGC Case #11-1192
Case Closure

Dear Mr. Flynn:

The above-referenced enforcement case is closed by this office effective June 11, 2012. Our records show that all Consent Order requirements have been met.

Please continue to conduct routine (annual) monitoring for disinfection byproducts. The next monitoring event should occur during the third quarter (July through September) of 2012.

Thank you for your cooperation. You may contact Nathan Hess at (407) 897-4140, should you have any further questions.

Sincerely,

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

June 11, 2012
Date

CCF/njh

cc: Utilities Inc. of Florida: Bryan K. Gongre, Scotty Haws, Nate Carver
Jack Chisolm, DEP Office of General Counsel
Nathan Hess, DEP Drinking Water Compliance and Enforcement

RECEIVED-DEP
CENTRAL DISTRICT OFFICE
2011 AUG 22 AM 9:00

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	)	IN THE OFFICE OF THE CENTRAL DISTRICT
vs.	)	OGC FILE NO. 11-1192
UTILITIES, INC OF FLORIDA	)	

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Utilities, Inc of Florida ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. Respondent is a person within the meaning of Section 403.852(5), F.S.

3. Respondent is the owner and operator of Park Ridge, a community public water system, PWS No. 3590993, located at 101 West Ridge Drive, Sanford, FL 32773, in Seminole County, Florida ("System").

4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for total trihalomethanes ("TTHMs") as 0.080 milligrams per liter ("mg/L"). The running annual average results for samples collected from the System on June 9, 2011 and analyzed for TTHMs are 0.084 mg/L.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 60 days of the effective date of this Order, Respondent shall retain the services of a professional engineer, registered in the State of Florida, to evaluate the System and submit an application, along with any required application fees, to the Department for a permit to construct any modifications needed to address the MCL violation(s).

b) If the Department requires additional information, modifications, or specifications to process the permit application described in subparagraph 5.a), above, the Department will issue a written request for information ("RFI") to Respondent. Respondent shall submit the requested information in writing to the Department within 30 days of receipt of the request. Respondent shall provide all information requested in any additional RFIs issued by the Department within 30 days of receipt of each request. Within 60 days of the Department's receipt of the application described in subparagraph 5.a), above, Respondent shall provide all information necessary to complete the application.

c) Within 180 days of the effective date of this Order, Respondent shall complete all corrective actions necessary to resolve the MCL exceedances described above. If the Department issues a permit pursuant to subparagraphs 5.a) and 5.b), above, within 180 days of the effective date of this Order Respondent shall submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida. Respondent shall receive written Department clearance prior to placing the permitted system modifications into service.

d) If the approved modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 30 days of receipt of each request. Within 60 days of the date the Department receives the proposal

required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

e) Respondent shall continue to sample quarterly for TTHMs and HAA5s in accordance with Rule 62-550.514(2), F.A.C., until the running annual average is no more than 0.060 mg/L and 0.045 mg/L for TTHMs and HAA5s, respectively, or until the running annual average remains below 0.080 mg/L and 0.060 mg/L, for four consecutive quarters, at which time Respondent shall return to its regular required monitoring in accordance with Chapter 62-550, F.A.C. Respondent shall submit all sampling results to the Department within 10 days following the month in which the samples were taken or within 10 days following Respondent's receipt of the results, whichever is sooner.

f) Respondent shall continue to issue public notices regarding the MCL violation(s) described above every 90 days, as required by Rule 62-560.410(1), F.A.C., until the Department determines that the System is in compliance with all MCLs. Respondent shall submit certification of delivery of public notices, using DEP Form 62-555.900(22), F.A.C. to the Department within 10 days of issuing each public notice.

g) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Respondent agrees to pay the Department stipulated penalties in the amount of $250 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph(s) 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 7 and 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

7. Respondent shall make all payments required by this Order by cashier's check or money order. Payment instruments shall be made payable to the "Department of

Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Ecosystem Management and Restoration Trust Fund."

8. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Nathan Hess, Environmental Supervisor II, Department of Environmental Protection, Central District Office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803.

9. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

10. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.

11. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next

working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

12. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

13. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

14. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

15. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to $5,000.00 per day per violation, and criminal penalties.

16. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

17. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

18. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

19. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at 3319 Maguire Boulevard, Suite 232, Orlando, Florida, 32803. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

20. Rules referenced in this Order are available at http://www.dep.state.fl.us/legal/Rules/rulelistnum.htm.

FOR THE RESPONDENT:

Patrick C. Flynn, Regional Director
Utilities, Inc of Florida

8/19/11
Date

DONE AND ORDERED this 22nd day of August, 2011, in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Vivian F. Garfein
Director, Central District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

08/22/11
Date

Copies furnished to:

Lea Crandall, Agency Clerk, OGC
Utilities Inc of Florida: Bryan Gongre, Scotty Haws, Nate Carver [BKGONGRE@UIWATER.COM,SLHAWS@UIWATER.COM, NQCARVER@UIWATER.COM]
Karl Henry, Seminole County Health Department [karl_henry@doh.state.fl.us]
Nathan Hess, DEP Drinking Water Compliance and Enforcement

PW_CO_DBP (REV. 06/09)

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

VIA E-MAIL
PCFLYNN@UIWATER.COM

Mr. Patrick Flynn, Regional Director
Utilities Inc of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714

WARNING LETTER
OCD-PW-CE-11-0733

Seminole County - PW
Park Ridge
PWS ID Number 3590993
Total Trihalomethane Maximum Contaminant Level Violation

Dear Mr. Flynn:

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter.

A review of Department records for the above-referenced community public water system indicates that a violation of *Florida Statutes* and rules may exist at this facility. Department records indicate the following:

1. Failure to comply with the maximum contaminant level (MCL) for total trihalomethanes (TTHM). The MCL for TTHMs is 80 micrograms per liter (ug/L). Results from June 9, 2011 indicate the running annual average is 84.25 ug/L.

2. Failure to take corrective action approved by the Department to meet the MCL for TTHMs.

It is a violation for any person to fail to comply with the following statutes and rules:

Section 403.161(1)(b), *Florida Statutes* - Failure to comply with any rule or regulation adopted or issued by the Department.

Rule 62-550.310(3) Table 3, *Florida Administrative Code* – Stage 1 Maximum Contaminant Levels (MCLs) for disinfection byproducts based on a four quarter running annual average (RAA).

Rule 62-550.300, *Florida Administrative Code* – Public water systems shall take necessary corrective action approved by the Department to meet all applicable maximum contaminant levels (MCLs).

WARNING LETTER
OCD-PW-CE-11-0733

You are advised that operation of a facility in violation of state statutes or rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Sections 403.141 and 403.161, *Florida Statutes*.

You are requested to contact **Nathan Hess** at (**407) 897-4140,** within **15 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(4), *Florida Statutes*. We look forward to your cooperation in completing the investigation and resolution of this matter.

Sincerely,

For Vivian F. Garfein
Director, Central District

July 22, 2011
Date

VFG/njh

cc: Utilities Inc of Florida: Bryan Gongre, Scotty Haws, Nate Carver [BKGONGRE@UIWATER.COM, SLHAWS@UIWATER.COM, NQCARVER@UIWATER.COM]
Karl Henry, Seminole County Health Department [karl_henry@doh.state.fl.us]
Nathan Hess, DEP Drinking Water Compliance and Enforcement

Utilities, Inc.

May 30, 2012

Mr. Nathan Hess
Environmental Supervisor II
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803

RE: Park Ridge Water system
PWS ID# 3590993
OGC File No. 11-1192
Request for Consent Order Closure

Dear Mr. Hess:

As the Department is aware, chloramine facilities have been cleared for service and have been on line for approximately three months at the above referenced facility.

TTHM and HAA5 Results are as follows:

SAMPLE DATE	TTHM (ppb)	HAA5 (ppb)
Third Quarter 2011 (8/25/11)	59.1	48.3
Fourth Quarter 2011 (11/22/11)	45.1	46.4
First Quarter 2012 (2/16/12)	48.3	64.4
Second Quarter 2012 (5/18/12)	**5.29**	**4.78**
RUNNING ANNUAL AVERAGE	**39.45**	**40.97**

All requirements of the above referenced Consent Order have been met and therefore Utilities, Inc. of Florida requests that the order be closed.

If you should have any questions or require further information, please do not hesitate to contact me at (800) 272-1919 ext. 1362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Regional Compliance & Safety Manager

EC: Patrick C. Flynn, Regional Director
Bryan K. Gongre, Regional Manager
Nate Carver, Area Manager

Utilities, Inc.

January 5, 2012

Mr. Nathan Hess
Environmental Supervisor II
FDEP – Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803

RE: Park Ridge Water system
PWS ID# 3590993
OGC File No. 11-1192
Quarterly Status Report – 4th Quarter, 2011

Dear Mr. Hess:

Pursuant to requirements of Consent Order OGC File No. 11-1192 regarding the above referenced facility, the following items were noted during the 4th Quarter of 2011.

All equipment has been installed per the approved construction permit. Utility staff will schedule a site visit with FDEP staff and forward a draft public notice customer letter regarding the change to chloramine disinfection for the Department's approval.

Upon receipt of clearance of the project, the facilities will be placed into service.

The required 4th quarter 2011 TTHM and HAA5 samples were taken on November 22, 2011 and analysis results forwarded to the Department on December 8, 2011.

Results of the analysis were as follows; TTHM – 45.1 ug/L and HAA5 – 46.4 ug/L.

The 4th quarter 2011 Running Annual Average for TTHM is now 68.65 ug/L and HAA5 49.48 ug/L which are below the MCL of 80 ug/L and 60 ug/L respectively. Therefore no public notice regarding an MCL exceedance is required at this time.

If you should have any questions or require further information, please do not hesitate to contact me at (800) 272-1919 ext. 1362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty L. Haws
Regional Compliance & Safety Manager

EC: Patrick C. Flynn, Regional Director
Bryan K. Gongre, Regional Manager
Nate Carver, Area Manager

Thomas, Deirdre R

From: Scotty Haws <SLHaws@uiwater.com>
Sent: Thursday, January 5, 2012 1:38 PM
To: Hess, Nathan
Cc: Patrick Flynn; Bryan Gongre; Nate Carver
Subject: Park Ridge PWS ID# 3590993 OGC File No. 11-1192 - Quarterly Status Report - 4th Qtr. 2011
Attachments: 4th Quarter 2011 Status Report for Park Ridge Consent Order RE DBPR Exceedances.pdf

Good Afternoon, Nathan,

Please see the attached status report regarding the above referenced water system.

Thank you,

Sincerely,

Scotty

Utilities, Inc.

Scotty L. Haws

Regional Compliance & Safety Manager
Utilities, Inc. and Affiliated Companies
200 Weathersfield Avenue
Altamonte Springs, FL 32714
Phone: (800) 272-1919 extension 1362
Fax: (407) 869-6961
Email: slhaws@uiwater.com

Please consider the environment before printing this email

Thomas, Deirdre R

From: Scotty Haws <SLHaws@uiwater.com>
Sent: Friday, June 8, 2012 2:59 PM
To: Hess, Nathan
Cc: Patrick Flynn; Bryan Gongre; Nate Carver
Subject: RE: Park Ridge PWS ID# 3590993 Consent Order Closure Request
Attachments: 2012-06-08@11.31.32.pdf; CO Closure request for Park Ridge 5.30.2012.pdf

Good Afternoon, Mr. Hess,

The attached TTHM & HAA5 analysis results were forwarded to the attention of Mr. Christensen of the Department on June 4, 2012.

Also attached is a letter requesting closure of the Consent Order based on meeting all requirements of the order.

Thank you for your consideration in this matter.

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty

Scotty L. Haws

Regional Compliance & Safety Manager
Phone: (800) 272-1919 extension 1362
Fax: (407) 869-6961
Email: slhaws@uiwater.com

From: Hess, Nathan [mailto:Nathan.Hess@dep.state.fl.us]
Sent: Friday, June 08, 2012 10:03 AM
To: Scotty Haws
Subject: RE: Park Ridge PWS ID# 3590993 Consent Order Closure Request

I haven't seen or heard that the results have been submitted yet. Please keep in mind that since you received results in May, and in accordance with rule 62-550.730(1)(a), they are due by Monday. Thanks.

From: Scotty Haws [mailto:SLHaws@uiwater.com]
Sent: Wednesday, May 30, 2012 2:58 PM
To: Hess, Nathan
Subject: RE: Park Ridge PWS ID# 3590993 Consent Order Closure Request

Will do,

Thank you,

Scotty

Utilities, Inc.

Scotty L. Haws

Regional Compliance & Safety Manager
Phone: (800) 272-1919 extension 1362
Fax: (407) 869-6961
Email: slhaws@uiwater.com

From: Hess, Nathan [mailto:Nathan.Hess@dep.state.fl.us]
Sent: Wednesday, May 30, 2012 2:57 PM
To: Scotty Haws
Cc: Patrick Flynn; Bryan Gongre; Nate Carver
Subject: RE: Park Ridge PWS ID# 3590993 Consent Order Closure Request

Scotty,

Glad to see the results looking so good! I agree that it appears that all consent order requirements have been met. However, the attached results are not on DEP format, so before I can close the case, they will need to be submitted on the correct format.

Let me know if you have any questions. Thanks.

-Nathan

Please take a few minutes to share your comments on the service you received from the department by clicking on this link. DEP Customer Survey.
From: Scotty Haws [mailto:SLHaws@uiwater.com]
Sent: Wednesday, May 30, 2012 2:47 PM
To: Hess, Nathan
Cc: Patrick Flynn; Bryan Gongre; Nate Carver
Subject: Park Ridge PWS ID# 3590993 Consent Order Closure Request

Good Afternoon, Mr. Hess,

Please see the attached letter and latest TTHM and HAA5 analysis results for the Department's review and consideration.

Thank you,

Sincerely,

UTILITIES, INC. OF FLORIDA

Scotty

Scotty L. Haws

Regional Compliance & Safety Manager
Utilities, Inc. and Affiliated Companies
200 Weathersfield Avenue
Altamonte Springs, FL 32714
Phone: (800) 272-1919 extension 1362
Fax: (407) 869-6961
Email: slhaws@uiwater.com

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FLORIDA DEPARTMENT OF HEALTH

Rick Scott
Governor

January 14, 2011

Cypress Lakes Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714

RE: Closure of Warning Notice Case No: 10-653PW5055A
Cypress Lakes Utilities
PWS #6535055

Dear Public Water System Owner:

Case Number 10-653PW5055A is officially closed by the Polk County Health Department. If you have any questions, please contact me at (863) 519-8330 Ext. 12151.

Sincerely,

Owen Devine

Digitally signed by Owen Devine
DN: cn=Owen Devine, o, ou=Polk County Health Department, email=Owen_Devine@doh.state.fl.us, c=US
Date: 2011.01.14 13:28:56 -05'00'

Owen Devine
Environmental Specialist II

Email copy to:

pflynn@uiwater.com

deshoffstall@uiwater.com

slhaws@uiwater.com

SRieger@psc.state.fl.us

Thomas, Deirdre R

From: Scotty Haws <SLHaws@uiwater.com>
Sent: Friday, February 3, 2012 10:53 AM
To: Noreika, Nick
Cc: Patrick Flynn
Subject: FW: EPA Administrative Order-Golden Hills
Attachments: EPA Re Golden Hills Admin Order 1-31-12.pdf

Nick, Please see the attached.

Thank you,

Scotty

Utilities, Inc.

Scotty L. Haws

Regional Compliance & Safety Manager
Phone: (800) 272-1919 extension 1362
Fax: (407) 869-6961
Email: slhaws@uiwater.com

From: Susan DiPasquale
Sent: Friday, February 03, 2012 10:51 AM
To: Scotty Haws; Bryan Gongre; Domenic Gentilucci
Subject: EPA Administrative Order-Golden Hills

Attached please find a letter that came today regarding Golden Hills.

Sue DiPasquale
Administrative Assistant

Utilities, Inc.

200 Weathersfield Ave.
Altamonte Springs, FL 32714
smdipasquale@uiwater.com
Phone: 321-972-0357
Fax: 407-869-6961

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

JAN 3 1 2012

RECEIVED
FEB 03 2012

CERTIFIED MAIL 7009 1680 0001 4690 9516
RETURN RECEIPT REQUESTED

Mr. Patrick Flynn
Director
Golden Hills Golf and Turf Water Treatment Plant
200 Weathersfield Avenue
Altamonte Springs, Florida 32714

Re: ADMINISTRATIVE ORDER
Docket No. SDWA-04-2012-0772
Golden Hills Golf and Turf Water Treatment Plant
Public Water System ID No. FL6424076

Dear Mr. Flynn:

On January 5, 2012, the U. S. Environmental Protection Agency issued an Administrative Order to the Golden Hills Golf and Turf Water Treatment Plant Water System, for violations of the Safe Drinking Water Act. As a result of the satisfactory completion of the requirements of the Order, the enforcement case against the System is hereby closed. You do not need to send further information to the EPA, unless requested at some point in the future.

Closure of this case shall not be deemed as an election by the EPA to forego any enforcement action or other appropriate relief under the Safe Drinking Water Act, nor will it relieve you of your obligations to comply with any other applicable federal, state, or local law.

Should you have any questions regarding this matter, please contact Ms. Miriam Lester at (404) 562-9292.

Sincerely,

Becky B. Allenbach
Chief
Safe Drinking Water Branch
Water Protection Division

cc: Mr. Van Hoofnagle, FDEP

From: Parker, Wanda
To: Patrick Flynn
Cc: Scotty Haws; Bryan Gongre; John Hoy; Steve Romano; Belian, Nicole; Farris, Jill
Subject: RE: LUSI South Consent Order OGC 16-0376 TTHM Exceedances
Date: Monday, December 19, 2016 4:46:46 PM
Attachments: image002.jpg
image003.png

Good Afternoon Mr. Flynn,

Thank you for the expeditious updates required by the Consent Order. We too were happy to hear of the fourth quarter sample results for both facilities. Your cooperation throughout the corrective action process to date is very much appreciated.

Happy Holidays to you and your staff!

Regards,

Wanda Parker-Garvin
Environmental Manager
Compliance Assurance Program
Central District
3319 Maguire Blvd. Ste 232
Orlando, FL 32803-3767
Wanda.Parker@dep.state.fl.us
Phone: 407-897-2934

From: Patrick Flynn [mailto:PCFlynn@uiwater.com]
Sent: Monday, December 19, 2016 10:42 AM
To: Parker, Wanda <Wanda.Parker@dep.state.fl.us>
Cc: Scotty Haws <SLHaws@uiwater.com>; Bryan Gongre <BKGongre@uiwater.com>; John Hoy <JPHoy@uiwater.com>; Steve Romano <Steve.Romano@kimley-horn.com>
Subject: LUSI South Consent Order OGC 16-0376 TTHM Exceedances

Ms. Parker-Garvin, good morning.
In conformance with the requirement identified in Paragraph 5.b of the LUSI Consent Order, please be advised that Utilities, Inc. of Florida has selected Steve Romano of Kimley-Horn and Associates to design the modifications to the Lake Groves Water Treatment Plant that are needed to address the violation within the LUSI South water system of the Disinfection By-Products Rule. As required by the terms of the Consent Order (Item #4 in Table 1), Kimley-Horn now will have 180 days to conduct a pilot test, using Lake Groves Well #3 as the source water to optimize the selection of the membrane/media, followed by the design of the necessary upgrades to the Lake Groves WTP. We remain on schedule with the terms of the Consent Order.

Please note that our fourth quarter sample results indicate that the LRAA at all sample locations in both LUSI North and LUSI South are now below the MCL for both TTHM and HAA5.

Our operational adjustments, particularly the use of Lake Groves Wells 1 and 2 on a daily basis while minimizing the use of Lake Groves Well #3, have been successful in achieving a short-term solution. We look forward to having the improvements to the Lake Groves Plant completed and in service so that we will have the long-term solution established and allow the closure of the Consent Order thereafter.

If you have any questions or need additional information, please do not hesitate to contact me.

Regards,
Patrick C. Flynn

UI Logo

Patrick C. Flynn
Vice President of Operations
Utilities, Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714-4027
Ph: (866) 842-8432, x1359
pcflynn@uiwater.com