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## **Solicitation Addendum**

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Addendum No.:	1
Solicitation No.:	20-TA003363SAM
Project No.:	6010881
Solicitation Title:	North Water Reclamation Facility Belt Filter Press Improvements
Addendum Date:	June 16, 2020
Procurement Contact:	Sherri Meier

**20-TA003363SAM is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This addendum is hereby incorporated in and made a part of IFBC No. 20-TA003363SAM.**

### **CHANGE TO:**

#### **SECTION A, PARAGRAPH A.03, PUBLIC OPENING OF BIDS**

Bids will be opened immediately following the Due Date and Time at the Manatee County Administration Building, Suite 803 in the presence of County officials. Bidders or their representatives may attend the Bid Opening virtually by accessing the link below.

Zoom® Webinar Link: <https://manateecounty.zoom.us/j/81419018112>

Manatee County will make public at the opening the names of the business entities which submitted a Bid and the total bid price submitted. No review or analysis of the Bids will be conducted at the Virtual Bid Opening.

### **REPLACE:**

#### **SECTION C, BID ATTACHMENTS, BID ATTACHMENT 2 – TECHNICAL SPECIFICATIONS**

Section C, Bid Attachments, Bid Attachment 2 – Technical Specifications hereby incorporated into this IFBC as a separate attachment for download.

### **ADD:**

#### **SECTION C, BID ATTACHMENTS, BID ATTACHMENT 3 – PLANS/DRAWINGS**

Section C, Bid Attachments, Bid Attachment 3 – Plans/Drawings (unlocked) hereby incorporated into this IFBC as a separate attachment for download.

**ADD:**

**SECTION C, BID ATTACHMENTS, BID ATTACHMENT 4, DOMESTIC WASTEWATER FACILITY PERMIT**

The attached Bid Attachment 4, Domestic Wastewater Facility Permit, is hereby attached to this Addendum 1.

**QUESTIONS AND RESPONSES:**

**Q1. “Is there a mandatory pre bid meeting? If yes, please indicate the date.”**

R1. There is no mandatory pre bid meeting, however there is a mandatory site visit.

**Q2. “My understanding is that a mandatory site visit is required, and it can be completed any time before the bid due date. Please confirm this is correct.”**

R2. Yes, there is a mandatory site visit and yes, it must be completed prior to the due date and time of the bid submission. Please review Section B, Appendix A, Minimum Qualifications, Item No. 2 to arrange the mandatory site visit.

**Q3. “Is a certified general contractor or a utility contractor required? We have both just need to know which one to submit.”**

R3. Please review Section B, Appendix A, Minimum Qualifications, Item No. 3.

**Q4. “The qualification required is based on three years period and requires experience with three specific items. The first two requirement we meet with no exception. The third is specifically related to belt press. Our staff have the experience with numerous retrofit and replacement of belt press projects. R2T has experience with installation and retrofit of a wide range of mechanical equipment. Will Manatee County accept our qualifications if the third item is met by our staff?”**

R4. The County will accept qualifications met by staff with specific verifiable examples and references.

**Q5. Drawing E-00-502 general note 4 indicates for all existing motor disconnect switches to be replaced. Please confirm.**

R5. Please make sure that all BFP motors will have new disconnects.

**Q6. Specification section 01014 notes “The Contractor shall review and understand the operating permit for the plant. NRWRF FDEP Permit No. FLA 012617”. Please provide this for our review.**

R6. The NRWRF FDEP Permit No. FLA 012617 is attached herewith as Appendix A hereby incorporated into this Addendum 1.

**Q7. Please provide unlocked PDF of plans and specifications.**

R7. Unlocked PDF versions of the Project Drawings and Specifications are included as Appendix B in this Addenda

**Q8. Can you add our firm (Control Instruments, Inc./C2i) to the specifications before bid day?**

R8. Yes.

**Q9. Please confirm manufacture and model for MCC-5 and MCC-6.**

R9. This should already be called out in the specs under section 16262 Manual Transfer Switches Part 2.2.01.

**Q10. Drawing E-00-621 panel schedules note on Panel PP-1 and PP-2 indicates to provide new panels. General note on the same page indicates that the panel boards are existing. Please confirm.**

R10. Keynotes on drawing E-00-613: "*REPLACE EXISTING CONTROL PANELS WITH NEW AS SHOWN AND SPECIFIED.*"

**Q11. Our firm would very much like to submit a proposal on the subject line project but due to how the qualifications are written we would be disqualified if we were to submit a bid. The minimum qualifications under Appendix A reads as follows:**

**4. Bidder has provided services for at least three (3) projects since May 30, 2017 in which each project included the following components: i) instrumentation and controls, ii) selective site demolition polymer pumps and appurtenances and plumbing, iii) concrete buildings, iv) road paving and, v) refurbish or replacement of belt filter presses.**

R11. Please provide a total 3 projects that have each component shown in those projects since May 30, 2017 - not 3 projects for each component.

NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

**END OF ADDENDUM**

**INSTRUCTIONS:**

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

**AUTHORIZED FOR RELEASE**



# 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:**

Manatee County Utilities Department

**PERMIT NUMBER:**

FLA012617

**FILE NUMBER:**

FLA012617-026-DW1P/NRL

**EFFECTIVE DATE:**

February 3, 2016

**EXPIRATION DATE:**

February 2, 2026

**RESPONSIBLE OFFICIAL:**

Mike Gore, Utilities Department Director  
4410 66th Street West  
Bradenton, Florida 34210  
(941) 792-8811  
[Mike.Gore@mymanatee.org](mailto:Mike.Gore@mymanatee.org)

**FACILITY:**

Manatee County North Regional WRF  
8500 69th St E  
Palmetto, FL 34221-9064  
Manatee County  
Latitude: 27°35' 02" N      Longitude: 82°28' 37" W

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

**WASTEWATER TREATMENT:**

Operation of an existing 7.5 Million Gallon per Day (MGD) Three-Month Rolling Average Daily Flow (TMRADF), Type I, oxidation ditch activated sludge domestic wastewater treatment facility consisting of: a head works with two automatic bar screens, one manual bar screen, and a forced flow vortex grit removal unit; two Carrousel oxidation ditches (each with a 0.6 Million Gallons [MG] anoxic basin and a 3.1 MG aeration basin, for a total oxidation ditch volume of 7.4 MG), three clarifiers (each with a volume of 1 MG and a surface area of 9,500 Square Feet [SF], for a total clarification volume of 3 MG and total surface area of 28,500 SF), a 32,000 gallon mixing/flow splitter basin, two automatic backwash traveling bridge filters (each with a surface area of 1,440 SF, for a total surface area of 2,880 SF), two automatic backwash cloth media disk filters (each rated at 3 MGD for a total disk filter capacity of 6 MGD), and four chlorine contact chambers (two chlorine contact chambers with a volume of 71,810 gallons and two chlorine contact chamber with a volume of 89,180 gallons for total volume of 321,980 gallons). Disinfection is achieved using sodium hypochlorite. Waste activated sludge is directed from the clarifiers to three aerated sludge holding tanks (each with a volume of 1.012 MG, for a total holding tank volume of 3.036 MG), and three belt filter presses. The North Regional WRF is a source facility for residuals processing at the Manatee County Southeast Regional Water Reclamation Facility (Permit FLA012618).

**Modification:**

Construction of a 3 MG equalization basin and installation of a forced flow vortex grit removal unit and one belt filter press. The modification will include the construction and installation of a cover and odor control, a splitter box, a new electrical building, a pump-back station, a platform with stairway, as well as all of the necessary electrical, instrumentation and controls with SCADA modifications, and all necessary new piping and appurtenances.

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**After Modification:**

Operation of an existing 7.5 Million Gallon per Day (MGD) Three-Month Rolling Average Daily Flow (TMRADF), Type I, oxidation ditch activated sludge domestic wastewater treatment facility consisting of: a head works with two automatic bar screens, one manual bar screen, and two forced flow vortex grit removal units; a 3 MG equalization basin, two Carrousel oxidation ditches (each with a 0.6 Million Gallons [MG] anoxic basin and a 3.1 MG aeration basin, for a total oxidation ditch volume of 7.4 MG), three clarifiers (each with a volume of 1 MG and a surface area of 9,500 Square Feet [SF], for a total clarification volume of 3 MG and total surface area of 28,500 SF), a 32,000 gallon mixing/flow splitter basin, two automatic backwash traveling bridge filters (each with a surface area of 1,440 SF, for a total surface area of 2,880 SF), two automatic backwash cloth media disk filters (each rated at 3 MGD for a total disk filter capacity of 6 MGD), and four chlorine contact chambers (two chlorine contact chambers with a volume of 71,810 gallons each and two chlorine contact chamber with a volume of 89,180 gallons each for total volume of 321,980 gallons). Disinfection is achieved using sodium hypochlorite. Waste activated sludge is directed from the clarifiers to three aerated sludge holding tanks (each with a volume of 1.012 MG, for a total holding tank volume of 3.036 MG), and four belt filter presses. The North Regional WRF is a source facility for residuals processing at the Manatee County Southeast Regional Water Reclamation Facility (Permit FLA012618).

**REUSE OR DISPOSAL:**

**Land Application R-001:** An existing 7.5 MGD Annual Average Daily Flow (AADF) permitted capacity Part III slow-rate public access reuse (PAR) system (R-001). The MC North Regional WRF serves as a source plant for the Manatee County Master Reuse System (Permit FLA474029). A 49.0 MG PAR storage pond is located onsite. The Manatee County Master Reuse System Permit contains additional PAR storage information.

**Land Application R-002:** An existing Part IV rapid-rate land application system (R-002). R-002 consists of a single-cell Rapid Infiltration Basin (RIB). R-002 is used to store reject water until it is returned to the headworks for further treatment when no other discharge location is available. R-002's southwestern embankment is equipped with an overflow structure to the 49.0 MG PAR storage pond. An overflow from R-002 to the storage pond will require the water in the storage pond to be sent to the plant for retreatment. R-002 is located approximately at Latitude 27° 35' 04" N, Longitude 82° 28' 29" 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 21 of this permit.

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

### A. Reuse and Land Application Systems

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

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow, to R-001	MGD	Max Max	7.5 Report	Annual Average Monthly Average	Monthly	Calculated	FLW-06	See I.A.2 and I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	Daily; 24 hours	Grab	EFA-01	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.A.4
Coliform, Fecal	#/100mL	Max	25	Single Sample	Daily; 24 hours	Grab	EFA-01	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	Monthly	Calculated	EFA-01	See I.A.5
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-01	See I.A.4, I.A.6, I.A.9 and I.A.11
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFA-01	See I.A.7 and I.A.9
Nitrogen, Total	mg/L	Max	Report	Single Sample	Monthly	24-hr FPC	EFA-01	
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Monthly	24-hr FPC	EFA-01	
Giardia	cysts/100L	Max	Report	Single Sample	Every 2 years	Grab	EFA-01	See I.A.10
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	Every 2 years	Grab	EFA-01	See I.A.10

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

Monitoring Site Number	Description of Monitoring Site
EFA-01	Effluent sampling point after disinfection and prior to discharge to R-001
EFB-01	Turbidity and TSS monitoring location after filtration and prior to disinfection
FLW-04	Flow to the Golf Course.
FLW-05	Flow Meter After High Service Pumps.
FLW-06	Total Flow to R-001 (FLW-06) = (FLW-04) + (FLW-05)

3. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
4. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2]
5. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). [62-600.440(5)(f)]
6. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. [62-600.440(5)(b); 62-610.460(2); and 62-610.463(2)]
7. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. [62-610.463(2)]
8. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed [62-610.320(6) and 62-610.463(2)]
9. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. [62-610.463(2)]
10. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. [62-610.463(4)]
11. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510, 62-600.440(4)(b) and (5)(b)]

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

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	Notes
Flow, to R-002	MGD	Max Max	Report Report	Annual Average Monthly Average	Monthly	Calculated	FLW-09	See I.A.3 and I.A.13
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFA-01	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-01	See I.A.4
Coliform, Fecal	#/100mL	Max Max	200 800	Annual Average Single Sample	5 Days/Week	Grab	EFA-01	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-01	See I.A.4, I.A.6, I.A.9 and I.A.11
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	5 Days/Week	24-hr FPC	EFA-01	



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13. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.12 and as described below:

Monitoring Site Number	Description of Monitoring Site
EFA-01	Effluent sampling point after disinfection and prior to discharge to R-001
FLW-07	Flow to R-002, continuously measured by a surface level transducer.
FLW-08	Flow from R-002 to the headworks, continuously measured by a surface level transducer.
FLW-09	Flow to R-002 (percolation) $(FLW-09) = (FLW-07) - (FLW-08)$

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

- 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.8:

			Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow, Total Plant	MGD	Max Max	7.5 Report	3-Month Rolling Average Monthly Average	Continuous	Recording Flow Meter	FLW-03	See I.B.3
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-03	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Monthly Average	Weekly	24-hr FPC	INF-01	See I.B.4
Solids, Total Suspended (Influent)	mg/L	Max	Report	Monthly Average	Weekly	24-hr FPC	INF-01	See I.B.4

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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-03	Total plant flow measured at the headworks
INF-01	Influent sampling point prior to treatment and ahead of the return activated sludge line.

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

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

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

7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. *[62-601.500(5)]*
8. Monitoring requirements under this permit are effective on the first day of the second month following 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

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

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

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

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

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, odor, and corrosivity). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by June 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-601.300(4)][62-601.500(3)][62-610.300(4)]*
10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*
11. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's Southwest District Office for review and approval upon revision of the operating protocol(s) and with each permit application. *[62-610.320(6)][62-610.463(2)]*
12. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department's Southwest District Office at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. *[62-610.464(5)]*
13. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southwest District Office at the address specified below:

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Florida Department of Environmental Protection  
Southwest District Office  
13051 N Telecom Pkwy  
Temple Terrace, Florida 33637-0926  
Email Address: [swd\\_dw@dep.state.fl.us](mailto:swd_dw@dep.state.fl.us)

Phone Number - (813) 470-5700  
FAX Number - (813) 470-5996

[62-620.305]

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

## II. BIOSOLIDS MANAGEMENT REQUIREMENTS

### A. Basic Requirements

1. Biosolids generated by this facility may be transferred to a Biosolids Treatment Facility (BTF) or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative BTF does not require a permit modification. However, use of an alternative BTF 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.8.

			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-01
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-02

[62-640.650(5)(a)]

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

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-01	Biosolids Quantity (Transferred to BTF)
RMP-02	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)]

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

#### **B. Disposal**

1. 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**

1. 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)]
2. 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**

1. 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)]

## **II. GROUND WATER REQUIREMENTS**

Ground water monitoring requirements are contained in the Manatee County Master Reuse System (MCMRS), Permit No. FLA474029.

## **III. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS**

#### **E. Part III Public Access System(s)**

1. Cross-connections to the potable water system are prohibited. [62-610.469(7)]
2. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use and shall be in compliance with the Rule 62-555.360, F.A.C. [62-610.469(7)]

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3. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify both the proper use of reclaimed water and that the proper backflow prevention assemblies or devices have been installed and tested. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. *[62-610.469(7)(h)]*
4. If an actual or potential (e.g. no dual check device on residential connections served by a reuse system) cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
  - a. Immediately discontinue potable water and/or reclaimed water service to the affected area if an actual cross-connection is discovered.
  - b. If the potable water system is contaminated, clear the potable water lines.
  - c. Eliminate the cross-connection and install a backflow prevention device as required by the Rule 62-555.360.F.A.C.
  - d. Test the affected area for other possible cross-connections.
  - e. Within 24 hours, notify the Department's Southwest District Office's domestic wastewater and drinking water programs.
  - f. Within 5 days of discovery of an actual or potential cross-connection, submit a written report to the Department's Southwest District Office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.

*[62-555.350(3) and 62-555.360][62-620.610(20)]*
5. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*
6. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any non-potable water supply wells. *[62-610.471(3)]*
7. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any non-potable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*
8. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
9. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*
10. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*
11. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*

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

#### **F. Part IV Rapid Infiltration Basins**

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*
2. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*
3. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414]*
4. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*

### **IV. 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 III, Class B facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator for 24 hours/day for 7 days/week. The lead operator must be a Class B operator, or higher.

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. Submit an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C., five years from the date of issuance of this permit. [62-600.405(5)] (Only applicable to facilities that meet the criteria in Section 403.087(3), F.S. and are being issued permits for terms exceeding five years.)
2. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
3. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]

**C. Recordkeeping Requirements**

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

## V. SCHEDULES

1. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless the following scheduled items are completed:

Implementation Step		Completion Date
a.	Submit an application for permit renewal.	At least 180 days before existing permit expiration date.
b.	Submit a revised Operating Protocol to the Department's Compliance Assurance Program for review and approval prior to placing the new facilities into operation.	Ninety (90) days prior to the completion of construction.
c.	Provide appropriate documentation as required in permit Conditions VII. 9 & 10 for any new facilities or unit processes.	As required by permit Conditions VII. 9 & 10

## VI. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. This facility's pretreatment program requirements are included in the Manatee County Southwest Regional WWTP permit issued by the Department under Permit Number FLA012619.
2. As required by Rules 62-625.600(8) and (12), F.A.C., the permittee shall submit DMRs for Monitoring Site Numbers PRT-I, PRT-E, and PRT-R to the Manatee County Southwest Regional WWTP (FLA012619) for inclusion in the annual report. [62-625.600(8)]
3. Samples for Monitoring Site Numbers PRT-I, PRT-E, and PRT-R shall be taken at the monitoring site locations described below:

Monitoring Location Site Number	Description of Monitoring Location
PRT-I	Pretreatment influent
PRT-E	Pretreatment effluent
PRT-R	Pretreatment residuals

## VII. 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(8) 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)]

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4. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
  - a. Which may cause fire or explosion hazards; or
  - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
  - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
  - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
  - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

*[62-604.130(5)]*

5. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1) and 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 residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Southwest District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*
9. Prior to placing the new facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities. *[62-620.630(2)]*
10. Within six months after a facility is placed in operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. *[62-620.630(7)]*

## **VIII. 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)]*

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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

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Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

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

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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 (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 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)]

PERMITTEE: Manatee County Utilities Department  
FACILITY: Manatee County North Regional WRF

PA FILE NUMBER: FLA012617-026-DW1P/NRL

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

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