

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-**

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**DATE:** February 2, 2026

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

**FROM:** Marissa Ramos, Chief of Reliability & Resource Planning, Division of Engineering

**RE:** 20250023-WS - Application for staff-assisted rate case in Polk County, by NC Real Estate Projects, LLC d/b/a Grenelefe Utility.

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Please place the attached emails and their attachments, regarding the Utility's treatment capacity from Marty Deterding, in the docket file mentioned above.

MR/da

Attachment

**From:** [Marissa Ramos](#)  
**To:** [Danielle Adams](#)  
**Subject:** FW: Docket No. 20250023: Grenelefe SARC  
**Date:** Monday, February 2, 2026 12:17:08 PM  
**Attachments:** [6530692\\_20230510\\_GrenelefeResorts\\_SS.pdf](#)  
[Grenelefe Resort WWTF FLA013016.pdf](#)  
[\(DN 20250023-WS\) Grenelefe ERCs.xlsx](#)  
[DN 20250023-WS \(Grenelefe SARC\) Memo for docket file - Including attachments \(SAC\).docx](#)

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Can you please assist me with filing the below email chain and attachments in the docket file? I've attached the memo to go with it.

Please let me know if I should convert or take a screen shot of the Excel sheet? I know we can't file Excel directly. Thanks!

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**From:** Marissa Ramos  
**Sent:** Monday, February 2, 2026 11:05 AM  
**To:** Marty Deterding <[mdeterding@sfflaw.com](mailto:mdeterding@sfflaw.com)>  
**Cc:** Shaw Stiller <[SStiller@psc.state.fl.us](mailto:SStiller@psc.state.fl.us)>; Jennifer Augspurger <[JAugsbur@psc.state.fl.us](mailto:JAugsbur@psc.state.fl.us)>; Jacob Imig <[JImig@psc.state.fl.us](mailto:JImig@psc.state.fl.us)>; Ailynee Ramirez-Abundez <[ARamirez@psc.state.fl.us](mailto:ARamirez@psc.state.fl.us)>  
**Subject:** FW: Docket No. 20250023: Grenelefe SARC

Marty,

Staff utilized the capacity information provided by DEP in the attached documents. The attached Excel file and below summary tables should answer your second email regarding ERC calculations.

Design Capacity ERCs	
Water	Wastewater
Design Capacity: 4,320,000 GPD / 350 GPD	Design Capacity: [0.680 MGD] (680,000 GPD/280 GPD)
Max ERCs: 12,342	Max ERCs: 2,428
Permitted Capacity ERCs	
Water	Wastewater
Permitted Capacity: 2,160,000 GPD/350 GPD	Permitted Capacity: [0.495 MGD] (495,000 GPD/280 GPD)
Permitted Max ERCs: 6,171	Permitted Max ERCs: 1,767

Daily Average Flow (Test Year)	
Water	Wastewater
Daily Average Flow: 319,375 GPD / 350 GPD	Daily Average Flow: [0.128 MGD] (127,891 GPD/280 GPD)
ERCs: 912	ERCs: 456
Max Average Flow (Test Year)	
Water	Wastewater
Max Average Flow: 492,917/ 350 GPD	Max Average Flow: [0.203 MGD] (203,250 GPD/280 GPD)
ERCs: 1,408	ERCs: 725

Thanks,

**Marissa Ramos**

Bureau Chief – Reliability & Resource Planning  
Division of Engineering  
Florida Public Service Commission  
P: (850) 413-6473

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**From:** Shaw Stiller <[SStiller@psc.state.fl.us](mailto:SStiller@psc.state.fl.us)>  
**Sent:** Sunday, February 1, 2026 12:58 PM  
**To:** Marty Deterding <[mdeterding@sundstrom-law.com](mailto:mdeterding@sundstrom-law.com)>  
**Cc:** Ailynee Ramirez-Abundez <[ARamirez@psc.state.fl.us](mailto:ARamirez@psc.state.fl.us)>; Jacob Imig <[JImig@psc.state.fl.us](mailto:JImig@psc.state.fl.us)>; Jennifer Augspurger <[JAugspur@psc.state.fl.us](mailto:JAugspur@psc.state.fl.us)>; Marissa Ramos <[mramos@psc.state.fl.us](mailto:mramos@psc.state.fl.us)>  
**Subject:** Re: Docket No. 20250023: Grenelefe SARC

Thank you. We will see you Tuesday.

Sent from my iPad

On Jan 31, 2026, at 2:17 PM, Marty Deterding <[mdeterding@sundstrom-law.com](mailto:mdeterding@sundstrom-law.com)> wrote:

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Ailynee

Also on the workpaper I was given for the calculation of the Service availability charges

For Water there are figures on the bottom schedule of Water Capacity in ERCs of 3408 and connections of 1408. Can you tell me how these figures are arrived at ?

The same is true for wastewater. Capacity in ERCs of 2428 and connections of 782. Can you tell me how these figures are arrived at ?

Thank you

**F. MARSHALL DETERDING**  
*Of Counsel*

Sundstrom Law Firm  
2548 Blairstone Pines Drive  
Tallahassee, Florida 32301  
T: 850.877.6555

[www.sundstrom-law.com](http://www.sundstrom-law.com)  
[mdeterding@sundstrom-law.com](mailto:mdeterding@sundstrom-law.com)

<image001.jpg>

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**From:** Marty Deterding

**Sent:** Saturday, January 31, 2026 1:51 PM

**To:** 'Shaw Stiller' <[SStiller@psc.state.fl.us](mailto:SStiller@psc.state.fl.us)>; Ailynee Ramirez-Abundez

<[ARamirez@psc.state.fl.us](mailto:ARamirez@psc.state.fl.us)>

**Cc:** Jacob Imig <[JImig@psc.state.fl.us](mailto:JImig@psc.state.fl.us)>; Jennifer Augspurger <[JAugspur@psc.state.fl.us](mailto:JAugspur@psc.state.fl.us)>;

Marissa Ramos <[mramos@psc.state.fl.us](mailto:mramos@psc.state.fl.us)>

**Subject:** RE: Docket No. 20250023: Grenelefe SARC

Ailynee

I am trying to fully understand the Staff reasoning and basis for adjustments in advance of the Agenda next Tuesday and a few of the adjustment to plant and to Connections fees hinge on your statements concerning "Designed capacity " of the water and wastewater systems.

The Staff Recommendation states that the Designed capacity of the water facilities is 4.320 MGD or 12,342 ERCs (Equivalent Residential connections). Not sure how you arrived at this , we can only currently serve about 2200 ERCs at buildout of the authorized service area. Are you using the capacity of a pump or well, or hydrotank ???

For Wastewater. The Staff report says that the capacity is 680,000 GPD designed capacity . Isn't that the capacity of one component of the WWTP ? Is the whole system correctly described as having that "designed capacity". Based on what ? My understanding is that even after the substantial wastewater treatment plant improvements required by DEP that the capacity of the treatment system will be 495,000 GPD even after the \$16 million plant upgrades. And a lower figure for effluent disposal.

Please help me understand this either this weekend if you can or by Monday morning. Thank you

**F. MARSHALL DETERDING**  
*Of Counsel*

Sundstrom Law Firm  
2548 Blairstone Pines Drive  
Tallahassee, Florida 32301  
T: 850.877.6555

[www.sundstrom-law.com](http://www.sundstrom-law.com)  
[mdeterding@sundstrom-law.com](mailto:mdeterding@sundstrom-law.com)

<image001.jpg>

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**From:** Shaw Stiller <[SStiller@psc.state.fl.us](mailto:SStiller@psc.state.fl.us)>  
**Sent:** Friday, January 30, 2026 3:10 PM  
**To:** Marty Deterding <[mdeterding@sundstrom-law.com](mailto:mdeterding@sundstrom-law.com)>  
**Cc:** Jacob Imig <[JImig@psc.state.fl.us](mailto:JImig@psc.state.fl.us)>; Jennifer Augspurger <[JAugspur@psc.state.fl.us](mailto:JAugspur@psc.state.fl.us)>  
**Subject:** Docket No. 20250023: Grenelefe SARC

Good afternoon Marty. I left you a VM yesterday regarding Tuesday's agenda conference. The information we need from you most urgently is whether Grenelefe would like to address the Commissioners on Tuesday and, if so, who will make the presentation and be available for questions. Please email this information to us at your earliest convenience. If you have any questions, I can be reached at the number below. Thanks and I hope you have a pleasant weekend.

**Shaw Stiller**  
Attorney Supervisor  
Regulatory Analysis Section  
Florida Public Service Commission  
(850) 413-6187

***PLEASE NOTE:*** Florida has broad public records laws. Written and electronic communications to or from the Florida Public Service Commission may be considered public records, which must be made available to anyone upon request.



# FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis  
Governor

Alexis A. Lambert  
Secretary

Southwest District  
13051 N Telecom Pkwy, Suite 101  
Temple Terrace, Florida 33637-0926

March 18, 2025

In the Matter of an  
Application for Permit by:

Grenelefe Resort WWTF  
Frederick House  
3425 Turnberry Dr  
Lakeland, Florida 33803  
[Scott@roninassets.com](mailto:Scott@roninassets.com)

File Number FLA013016-011-DW2P/RA  
Polk County  
Grenelefe Water Utilities

Enclosed is Permit Number FLA013016 to operate the Grenelefe Water Utilities, issued under Chapter 403, Florida Statutes (F.S.).

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.

## NOTICE OF RIGHTS

### Judicial Review

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by the filing of a notice of appeal under Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department of Environmental Protection 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 must be filed within 30 days after this order is filed with the Clerk of the Department.

## EXECUTION AND CLERKING

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

A handwritten signature in black ink, appearing to read "Gerald Loesch".

Gerald "JJ" Loesch  
Environmental Administrator  
Permitting and Waste Cleanup Program  
Southwest District

**Attachment(s):**

1. Permit
2. Discharge Monitoring Report (DMR)
3. Statement of Basis (SOB)
4. Administrative Order (AO)

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:



**CC:**

George McDonald, P.E., McDonald Group International Inc., [gmcDonald@mcdonaldgroup.com](mailto:gmcDonald@mcdonaldgroup.com)  
Jason Cox, NC Real Estate Projects, [jason@roninassets.com](mailto:jason@roninassets.com)  
Erica Peck, DEP SWD, [erica.peck@floridadep.gov](mailto:erica.peck@floridadep.gov)  
Gerald "JJ" Loesch, DEP SWD, [gerald.loesch@floridadep.gov](mailto:gerald.loesch@floridadep.gov)  
Noah Cummings, DEP SWD, [noah.cummings@floridadep.gov](mailto:noah.cummings@floridadep.gov)

**FILING AND ACKNOWLEDGMENT**

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



Clerk

3/18/2025

Date



# FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis  
Governor

Alexis A. Lambert  
Secretary

Southwest District  
13051 N Telecom Pkwy, Suite 101  
Temple Terrace, Florida 33637-926

## STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

**PERMITTEE:**  
NC Real Estate Projects, LLC

**RESPONSIBLE OFFICIAL:**  
Frederick Scott House, Managing Member  
3425 Turnberry Dr  
Lakeland, FL 33803  
(954) 849-7284  
[scott@roninassets.com](mailto:scott@roninassets.com)

**PERMIT NUMBER:** FLA013016  
**FILE NUMBER:** FLA013016-009-DW2/NR  
**ISSUANCE DATE:** November 16, 2022  
**FILE NUMBER:** **FLA013016-011-DW2P/RA**  
**REVISION DATE:** March 18, 2025  
**EXPIRATION DATE:** November 15, 2027

**FACILITY:**  
Grenelefe Resort WWTF  
4501 Abbey Court  
Haines City, FL 33844-9720  
Polk County  
Latitude: 28°3' 45" N      Longitude: 81°32' 42" 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. This permit is accompanied by an Administrative Order, pursuant to paragraphs 403.088(2)(e) and (f), Florida Statutes. Compliance with Administrative Order, AO-037SWD22, is a specific requirement of 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 0.680 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type I, extended aeration domestic wastewater facility, **limited to operate at 0.340 MGD 3MRADF Type II, as long as R-001 is the only effluent disposal system.** The treatment plant consisting of: ten aeration basins of 682,187 gallons total volume, four clarifiers of 113,312 gallons total volume and 1,637 square feet of total surface area, seven deep bed automatic backwash filters of 448 square feet designated to handle 472 gallons per minute (GPM), three pre-filter chlorine contact chambers of 21,654 gallons total volume, one post chlorine contact chamber of 19,947 gallons, one effluent pump wet well of 9,973 gallons, and three digesters of 54,442 gallons total volume. This plant is operated to provide secondary treatment with basic disinfection.

### Modifications:

#### Phase 1 Modifications

Replacement of headworks screen, upgrade out of service aeration tank to 45,970-gallon flow equalization tank.

#### Phase 2 Modifications

Phase 2 modifications will be completed to increase permitted capacity to 0.495 MGD. The phase 2 digester tank will be converted into a grit removal compartment with 9,248 gallons capacity. Phase 1 diffused aeration chamber will be converted into raw wastewater flow equalization chamber with 45,970 gallons capacity. A phase 1 mechanical aeration tank, phase 1 digester, phase 1 settling tank, and a phase 1 chlorine contact chamber will be converted into decant flow equalization unit with 95,930 gallons total. Conversion of one phase 3 mechanical aeration zone, one diffused aeration zone, and consolidation with the existing sludge digester to provide 164,465 gallons in total sludge digestion volume. Construction of 3 sequencing batch

PERMITTEE: NC Real Estate Projects, LLC  
FACILITY: Grenelife Resort WWTF

PERMIT NUMBER: FLA013016-011-DW2P/RA

reactors (SBRs) each with a volume of 250,000 gallons totaling 750,000 gallons. Expansion, modification, and consolidation of the 4 existing RIBs, into two RIBs designated the North and South RIBs.

### Phase 3 Modifications

Construction of 3 additional 250,000 SBR chambers totaling 750,000 gallons. Conversion of one phase 1 aeration chamber to a decant equalization, total decant equalization volume will be 147,980 gallons. Conversion of two phase 2 aeration tanks to raw wastewater flow equalization, totaling 196,040 FEQ unit process capacity. Conversion of two phase 3 aeration chambers to sludge digestion, providing a total sludge digestion capacity of 410,529 gallons. Demolition of phase 3 sand filters and mudwell. Conversion of existing phase 3 25,000-gallon filter clearwell into a chlorine contact tank. Construction of three denitrification filters of 150 square feet each.

### After Modifications

An existing 1 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type I, extended aeration domestic wastewater facility, **limited to operate at 0.495 MGD 3MRADF Type II, until the effluent disposal capacity is increased**. The treatment plant consisting of: seven deep bed automatic backwash filters of 448 square feet designated to handle 472 gallons per minute (GPM), two chlorine contact chambers totaling 44,947 gallons total volume, one effluent pump wet well of 9,973 gallons, six sequencing batch reactors (SBRs) totaling 1,500,000 gallons total volume, four decant flow equalization units totaling 147,980 gallons total volume, two flow equalization tanks totaling 196,040 gallons flow equalization capacity, three denitrification filters at 450 square feet total, and five digesters of 410,529 gallons total volume. This plant is operated to provide secondary treatment with basic disinfection.

### REUSE OR DISPOSAL:

**Land Application R-001:** An existing 0.340 MGD annual average daily flow (AADF) permitted capacity rapid infiltration basin (RIB) system. R-001 is a reuse system which consists of a four-cell RIB of 100,188 square feet of bottom surface area. R-001 is located approximately at latitude 28°3' 45" N, longitude 81°32' 42" W.

#### Modifications to Reuse

Expansion, modification, and consolidation of the 4 existing RIBs, into two RIBs designated the North and South RIBs totaling 0.495 MGD annual average daily flow permitted capacity.

#### After Modification

**Land Application R-001:** An existing 0.495 MGD annual average daily flow (AADF) permitted capacity rapid infiltration basin (RIB) system. R-001 is a reuse system which consists of a two-cell RIB of 216,188 square feet of bottom surface area. R-001 is located approximately at latitude 28°3' 45" N, longitude 81°32' 42" 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 2020 of this permit.

## 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.7.:

Parameter	Units	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements		Monitoring Site Number	Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type		
Flow (Before Phase 2 Modifications)	MGD	Max Max	0.340 Report	Annual Average Monthly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-01	See I.A.3
Flow (After Phase 2 Modifications)	MGD	Max	0.495	Annual Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-01	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max	20.0 30.0	Annual Average Monthly Average	Every 2 weeks	Calculated	EFA-01	
BOD, Carbonaceous 5 day, 20C	mg/L	Max	60.0	Single Sample	Every 2 weeks	Grab	EFA-01	
Solids, Total Suspended	mg/L	Max Max	20.0 30.0	Annual Average Monthly Average	Every 2 weeks	Calculated	EFA-01	
Solids, Total Suspended	mg/L	Max	60.0	Single Sample	Every 2 weeks	Grab	EFA-01	
Coliform, Fecal	#/100mL	Max	200	Annual Average	Every 2 weeks	Calculated	EFA-01	
Coliform, Fecal	#/100mL	Max	800	Single Sample	Every 2 weeks	Grab	EFA-01	
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Meter	EFA-01	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Meter	EFA-01	See I.A.4
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Every 2 weeks	8-hr FPC	EFA-01	
Nitrogen, Total (Final)	mg/L	Max	10	Annual Average	Monthly	Calculated	EFA-01	See I.A.5 & I.A.6
Phosphorus, Total (as P) (Final)	mg/L	Max	6	Annual Average	Monthly	Calculated	EFA-01	See I.A.6
Nitrogen, Total (Interim)	mg/L	Max	Report	Single Sample	Monthly	Grab	EFA-01	See I.A.6.
Phosphorus, Total (as P) (Interim)	mg/L	Max	Report	Single Sample	Monthly	Grab	EFA-01	See I.A.5 & I.A.6

- 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
FLW-01	Flow meter prior to discharge to R-001.

Monitoring Site Number	Description of Monitoring Site
EFA-01	Effluent sampling point after treatment and prior to Reuse system R-001.

3. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
4. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. All other fecal coliform effluent limitations included in permit condition I.A.1 apply regardless of the number of values reported. [62-600.440(5)(b)]
5. To report the "90th percentile,"
  - a. Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
  - b. Multiply the total number of samples by 0.9 to determine the 90th percentile level.
  - c. Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples x 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples x 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3]

6. 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(5)(c) and (6)(b)]

## B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7.:

Parameter	Units	Max./Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	0.340(Before Mods) 0.495(After Mods) Report	3-Month Rolling Average Monthly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-01	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Monthly	8-hr FPC	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Monthly	8-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 R-001.
INF-01	Influent sampling point 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. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[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 (November 10, 2020)" is available at <https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources>. 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	Submit by
Monthly	first day of month - last day of month	28 <sup>th</sup> day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30 July 1 - August 31 September 1 - October 31 November 1 - December 31	March 28 May 28 July 28 September 28 November 28 January 28
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 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 <https://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's Southwest District Office at the address specified in Permit Condition I.B.11. by the twenty-eighth (28th) of the month following the month of operation.

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

8. 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., and the Revised Total Coliform Rule contained in Rule 62-550.830, F.A.C., (except for asbestos, color, odor, and residual disinfectants). 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 with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, 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 January 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. *[62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(3)]*
9. The permittee shall submit DEP Form 62-610.300(3)(a)2., Annual Reuse Report, using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. to the Department and the appropriate water management district on or before January 1 of each year. The form shall be submitted electronically to the Department using the Online Business Portal (<https://www.fldepportal.com/DepPortal/go/home>) *[62-610.870(3)(a)]*
10. The permittee of a publicly-owned facility shall submit an annual report regarding transactions or allocations of costs and expenditures on pollution mitigation among the utility's permitted wastewater systems, including the prevention of sanitary sewer overflows, collection and transmission system pipe leakages, and inflow and infiltration. This report may be combined with the annual report for the facility's collection system action plan required by Rule 62-600.705, F.A.C. The report shall be electronically submitted to the Department's Southwest District Office no later than June 30 of each calendar year. *[62-600.700(4)]*
11. The permittee shall submit an annual report summarizing the implementation of the facility's collection system action plan required by paragraph 62-600.704(2)(b), F.A.C. The report shall be electronically submitted to the Department's Southwest District Office no later than June 30 of each calendar year. *[62-600.705(2)]*

12. The permittee shall submit the following with any application for permit renewal or substantial permit revision:

- a. a copy of the facility's up-to-date power outage contingency plan required by subsection 62-600.705(1), F.A.C., for mitigating impacts to the facility's collection systems and pump stations; and,
- b. an electronic summary of the facility's up-to-date collection system action plan required by paragraph 62-600.705(2)(a), F.A.C.

*[62-600.705(1) and (2)]*

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:

Florida Department of Environmental Protection  
Southwest District  
13051 N Telecom Pkwy, Suite 101  
Temple Terrace, Florida 33637-926

Phone Number - (813) 470-5700

[swd\\_dw@floridadep.gov](mailto:swd_dw@floridadep.gov)

*[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 BTF or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. *[62-620.320(6), 62-640.880(1)]*
2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*
3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.B.7.

Parameter	Units	Max. /Min	Biosolids Limitation		Monitoring Requirements			Notes
			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)]*

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

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Biosolids quantity (Transferred)
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**

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)]

### III. GROUND WATER REQUIREMENTS

#### A. Construction Requirements

1. The permittee shall give at least 72-hour notice to the Department's Southwest District Office, prior to the installation of any monitoring wells. [62-520.600(6)(h)]
2. Before construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location to properly determine monitoring well specifications such as well depth, screen interval, screen slot, and filter pack. [62-520.600(6)(g)]
3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Southwest District Office well completion reports and soil boring/lithologic logs on the attached DEP Form(s) 62-520.900(3), Monitoring Well Completion Report. [62-520.600(6)(j) and .900(3)]
4. All piezometers and monitoring wells not part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., unless future use is intended. [62-532.500(5)]

#### B. Operational Requirements

1. For the Part IV land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-001 shall extend horizontally 100 feet from the application site and vertically to the base of the shallow water table aquifer. [62-520.200(27)] [62-520.465]
2. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
3. If the concentration for any constituent listed in Permit Condition III.B.6. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. [62-520.420(2)]
4. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the monitoring wells identified in Permit Condition III.B.5., below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. [62-520.600] [62-610.510]
5. The following monitoring wells shall be sampled for Reuse System R-001 located at Land Application Site RIB-001:

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Latitude	Longitude	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWB-01	Background Well JMW-1 (15048)	28°3' 41 "	81°32' 46"	15	Surficial	Background	Existing
MWC-01	Compliance Well JMW-2 (15043)	28°3' 41"	81°32' 46"	17	Surficial	Compliance	Existing
MWC-02	Compliance Well JMW-3 (15042)	28°3' 43"	81°32' 40"	18	Surficial	Compliance	Existing
MWC-05	Compliance Well JMW-6 (15041)	28°3' 29"	81°33' 03"	15	Surficial	Compliance	Existing

[62-520.600] [62-610.510]

6. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.B.5.:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	ft	In Situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Arsenic, Total Recoverable	10	ug/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Cadmium, Total Recoverable	5	ug/L	Grab	Quarterly
Chromium, Total Recoverable	100	ug/L	Grab	Quarterly
Lead, Total Recoverable	15	ug/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5-8.5	s.u.	In Situ	Quarterly
Sulfate, Total	250	mg/L	Grab	Quarterly
Turbidity	Report	NTU	Grab	Quarterly
Sodium, Total Recoverable	160	mg/L	Grab	Quarterly

[62-520.600(11)(b)] [62-600.670] [62-600.650(3)] [62-520.310(5)]

7. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. [62-520.600(11)(c)] [62-610.510(3)(b)]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-160.210] [62-600.670(3)]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Southwest District Office as being more representative of ground water conditions. [62-520.310(5)]
10. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.B.7. [62-520.600(11)(b)] [62-600.670] [62-600.680(1)] [62-620.610(18)]
11. If any monitoring well becomes inoperable or damaged to the extent that sampling or well integrity may be affected, the permittee shall notify the Department's Southwest District Office within two business days from discovery, and a detailed written report shall follow within ten days after notification to the Department. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence or request approval for replacement of the monitoring well. All monitoring well design and replacement shall be approved by the Department's Southwest District Office before installation. [62-520.600(6)(l)]

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

##### A. Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The maximum annual average loading rate to a four-cell Rapid Infiltration Basin (RIB) of 100,188 square feet of bottom surface area. shall be limited to 5.44 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The four-cell Rapid Infiltration Basin (RIB) of 100,188 square feet of bottom surface area. normally shall be loaded for 7 days and shall be rested for 14 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]

5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414]*
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*
7. Holding ponds are provided for reclaimed water storage, such ponds are subject to the requirements of Rule 62-610.414, F.A.C. *[62-610.514(2)]*
8. If subsurface drain systems are needed, they shall be designed in accordance with appropriate portions of paragraph 62-610.300(1)(c), F.A.C., concerning Natural Resources Conservation Services criteria for subsurface drains. The drainage system shall be designed so that the seasonal high-water table is drawn down to a minimum of 36 inches below pond bottoms during resting periods. The requirements of subsection 62-610.850(1), F.A.C., shall apply to discharges to surface waters from the drainage system. *[62-610.517(2)(a)]*
9. A setback distance of 500 feet shall be provided from the edge of the rapid infiltration basin, percolation pond, basin, or trench embankments, or from the edge of an absorption field to potable water supply wells that are existing or have been approved by the Department or by the Department of Health (but not yet constructed); Class I surface waters; or Class II surface waters. The setback distance to Class I and II surface waters shall be reduced to 100 feet if high-level disinfection is provided. Setback distance requirements apply to all Class II waters, regardless of Department classification. *[62-610.521(2)]*

## **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 one or more operators certified in accordance with Chapter 62-602, F.A.C.

I. **Before Modification to meet the Total Nitrogen Limit:** In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 3 hours/day for 5 days/week and one weekend visit. The lead/chief operator must be a Class C operator, or higher.

II. **After Modification to meet the Total Nitrogen Limit:** In accordance with Chapter 62-699, F.A.C., this facility is a Category I, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 6 hours/day for 5 days/week and one visit on each weekend day. The lead/chief operator must be a Class C operator, or higher.

2. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

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

1. 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 at the following address: 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 this 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 this 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 wastewater facility permit;
  - f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;
  - g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;
  - 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, 62-604.500, 62-602.650, 62-640.650(4)]

### VI. SCHEDULES

1. In accordance with section 403.088(2)(e) and (f), Florida Statutes, a compliance schedule for this facility is contained in Administrative Order AO-037SWD22 which is hereby incorporated by reference.

Action Item	Due Date
1) Collect monthly effluent samples and analyze for TN and TP and report as required by this permit and Discharge Monitoring Report.	First day of the second month following the permit issuance until September 31, 2025
2) Submit a proposal with the most feasible option to bring the TN and TP into compliance with the final limits being 10.0 mg/L and of 6.0 mg/L, respectively. If necessary, schedule a meeting with DEP SWD office to discuss the proposal.	Prior to September 31, 2025
3) Submit a proposal with the necessary modifications to the facility required to meet the treatment and disinfection requirements of 62-610.460, F.A.C., giving the facility the option to dispose of the effluent via a Part III Slow-Rate public	Prior to September 31, 2025

PERMITTEE: NC Real Estate Projects, LLC  
FACILITY: Grenelife Resort WWTF

PERMIT NUMBER: FLA013016-011-DW2P/RA

access reuse system (Irrigation). If necessary, schedule a meeting with DEP SWD office to discuss the proposal.	
4) Obtain the Department's approval for the proposal.	Prior to September 31, 2025
5) Implement the proposal.	Within twelve months of DEP approval and after obtaining a permit modification, if required.
6) Comply with the final limit for TN and TP or obtain Department approved regulatory relief	Within three months of completion of any modification if required.
7) Meet the facility classification and operator staffing requirement in accordance to Rule 62-699.310 (2) (a)1., F.A.C as a Category I, Type III, Class C facility.	Upon the date of completion for item 6.
8) Submit a Completion of Construction (COC) request for the modification listed in this permit on DEP Form 62-620.910(12) along with any necessary supplementary files.	Prior to placing into operation

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

## **VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS**

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

## **VIII. OTHER SPECIFIC CONDITIONS**

1. 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)]
2. 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)]
3. In the event that the wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), 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 subsection 62-296.320(2), F.A.C. [62-600.410(5), 62-604.500(3) and 62-640.400(6)]
4. All collection/transmission systems shall be operated and maintained to provide uninterrupted service. All pump stations shall be operated and maintained to provide the emergency pumping capability requirements in paragraph 62-604.400(2)(a), F.A.C., the lightning and transient voltage surge protections in paragraph 62-604.400(2)(b),

F.A.C., and the design and signage requirements in paragraph 62-604.400(2)(d), F.A.C. Also, all equipment, pipes, manholes, pump stations, and other appurtenances necessary for the collection/transmission of domestic wastewater, including equipment provided pursuant to subsection 62-604.400(2), F.A.C., shall be maintained to function as intended. *[62-604.500(2) and (3)]*

5. The permittee shall evaluate and update the emergency response plan portion of the collection system operation and maintenance manual annually. The emergency response plan shall assess collection system security including cybersecurity; water quality monitoring for sanitary sewer overflows affecting surface waters; and hurricane and severe storm preparedness and response. *[62-604.500(4)]*
6. Collection/transmission systems shall be maintained to minimize excessive infiltration and inflow into the collection/transmission system, as well as excessive leakage from the collection/transmission system. The permittee shall take corrective actions when infiltration, inflow, or leakage is excessive. Infiltration and inflow are considered excessive if one or both cause or contribute to sanitary sewer overflows. Leakage, or exfiltration, is considered excessive if it causes or contributes to a violation of surface water quality standards or ground water quality standards. *[62-604.500(5)]*
7. All collection/transmission systems shall be operated and maintained to prevent sanitary sewer overflows. The permittee shall evaluate the cause of all sanitary sewer overflows and evaluate potential corrective measures to avoid future sanitary sewer overflows. Corrective actions shall be taken by the permittee if excessive inflow and infiltration causes or contributes to a sanitary sewer overflow. The owner/operator of a satellite collection system shall take corrective actions for a sanitary sewer overflow in the receiving collection system caused by excessive inflow and infiltration in the satellite collection system. *[62-604.500(6)]*
8. 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(4)]*
9. Cross-connection, as defined in Rule 62-550.200, F.A.C., between the wastewater facility, including the collection/transmission system, and a potable water system is prohibited. *[62-550.360]/[62-604.130(3)]*
10. The collection/transmission operation and maintenance manual shall be maintained and revised periodically in accordance with subsection 62-604.500(4), F.A.C., to reflect any alterations performed or to reflect experience resulting from operation. However, a new operation and maintenance manual is not required to be developed for each project if there is already an existing manual that is applicable to the facilities being constructed. *[62-604.500(4)]*
11. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
12. 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)]

13. 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)]
14. 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)]
15. 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)]
16. 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)]
17. 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. If pretreatment becomes necessary, this permit may be modified to require the permittee to develop and implement a local pretreatment program in accordance with the requirements of Chapter 62-625, F.A.C.

[62-620.625(2)]

18. 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)]]
19. 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)]]

## 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 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 times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; clean up actions taken and status; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows, bypass events, or unauthorized discharges, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (e.g., sanitary sewer overflow, bypass, unauthorized discharge); type of sanitary sewer overflow structure (e.g., manhole); the discharge location address and latitude/longitude; type of water discharged; discharge volumes and volumes recovered; volume discharged to surface waters and receiving waterbody name; types of human health and environmental impacts of the sanitary sewer overflow, bypass event, or unauthorized discharge (e.g., beach closure); whether the noncompliance was caused by a third party; and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at <https://www.fldepportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification"). Notice required for public notice of pollution under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events shall be submitted electronically.
  - 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 the 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, except for discharges to ground water of reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C.
  - 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 Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800)320-0519, as soon as practicable, 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 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 shall waive the written report.
- d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at <https://floridadep.gov/pollutionnotice> or by reporting electronically using the Department's Business Portal at <https://www.fldepportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification").
- (1) If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit a letter to the Department documenting such determination at [pollution.notice@floridadep.gov](mailto:pollution.notice@floridadep.gov).
- (2) If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.
- e. Unless discharged to surface waters, a spill, release, discharge, upset or bypass involving reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C., shall not be considered to endanger health or the environment and shall be reported under subsection (21) of this permit.

*[62-620.610(20)] [62-620.100(3)]*

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

  
\_\_\_\_\_  
Gerald "JJ" Loesch  
Environmental Administrator  
Permitting & Waste Cleanup Program  
Southwest District

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When completed submit this report to:** Department of Environmental Protection, Southwest District Office, Compliance Assurance Program, Attn: Domestic Wastewater, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926, [swd\\_dw@floridadep.gov](mailto:swd_dw@floridadep.gov)

PERMITTEE NAME:	NC Real Estate Projects, LLC	PERMIT NUMBER:	FLA013016-011-DW2P/RA
MAILING ADDRESS:	110 Wades Way, Unit 134 Mooresville, NC 28117	LIMIT:	Before Phase 4B Modifications
FACILITY:	Grenelefe Resort WWTF	CLASS SIZE:	N/A
LOCATION:	4501 Abbey Court Haines City, FL 33844-9720	MONITORING GROUP NUMBER:	R-001
COUNTY:	Polk	MONITORING GROUP DESCRIPTION:	RIB, including Influent
OFFICE:	Southwest District	RE-SUBMITTED DMR:	<input type="checkbox"/>
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>
		MONITORING PERIOD	From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Before Phase 4B Modifications)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.340 (An.Avg.)	MGD						5 Days/Week	Flow Meter
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)			mg/L		Bi-weekly; every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)	mg/L			Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)			mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	60.0 (Max.)	mg/L			Bi-weekly; every 2 weeks	8-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: Grenelife Resort WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement				200 (An.Avg.)			#/100mL		Bi-weekly; every 2 weeks	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						800 (Max.)	#/100mL		Bi-weekly; every 2 weeks	Grab
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement			6.0 (Min.)			8.5 (Max.)	s.u.		5 Days/Week	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement			0.5 (Min.)				mg/L		5 Days/Week	Meter
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 A Mon. Site No. EFA-01	Permit Requirement						12.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Nitrogen, Total (Interim)	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFA-01	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	8-hr FPC
Phosphorus, Total (as P) (Interim)	Sample Measurement										
PARM Code 00665 A Mon. Site No. EFA-01	Permit Requirement						Report (Max.)	mg/L		Monthly	8-hr FPC
Flow	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement	0.340 (3Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Meter
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 1 Mon. Site No. FLW-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated

## **DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelefe Resort Center

## MONITORING GROUP

R-001

PERMIT NUMBER: FLA013016-011-DW2P/RA

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When completed submit this report to: Department of Environmental Protection, Southwest District Office, Compliance Assurance Program, Attn: Domestic Wastewater, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926, [swd\\_dw@floridadep.gov](mailto:swd_dw@floridadep.gov)

PERMITTEE NAME:	NC Real Estate Projects, LLC	PERMIT NUMBER:	FLA013016-011-DW2P/RA	
MAILING ADDRESS:	110 Wades Way, Unit 134 Mooresville, NC 28117	LIMIT:	After Phase 4B Modifications	REPORT FREQUENCY: Monthly
FACILITY:	Grenelife Resort WWTF	CLASS SIZE:	N/A	PROGRAM: Domestic
LOCATION:	4501 Abbey Court Haines City, FL 33844-9720	MONITORING GROUP NUMBER:	R-001	
COUNTY:	Polk	MONITORING GROUP DESCRIPTION:	RIB, including Influent	
OFFICE:	Southwest District	RE-SUBMITTED DMR:	<input type="checkbox"/>	NO DISCHARGE FROM SITE: <input type="checkbox"/>
		MONITORING PERIOD	From: _____ To: _____	

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (After Phase 4B Modifications))	Sample Measurement									
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement	0.495 (An.Avg.)	MGD						5 Days/Week	Flow Meter
Flow	Sample Measurement									
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)			mg/L		Bi-weekly; every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.)	60.0 (Max.)		mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 Y Mon. Site No. EFA-01	Permit Requirement			20.0 (An.Avg.)			mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement			30.0 (Mo.Avg.)	60.0 (Max.)		mg/L		Bi-weekly; every 2 weeks	8-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	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	TELEPHONE NO	DATE

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

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement				200 (An.Avg.)			#/100mL		Bi-weekly; every 2 weeks	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						800 (Max.)	#/100mL		Bi-weekly; every 2 weeks	Grab
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				0.5 (Min.)			mg/L		5 Days/Week	Meter
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 A Mon. Site No. EFA-01	Permit Requirement						12.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Nitrogen, Total (Final)	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFA-01	Permit Requirement					10 (An.Avg.)		mg/L		Monthly	8-hr FPC
Phosphorus, Total (as P) (Final)	Sample Measurement										
PARM Code 00665 A Mon. Site No. EFA-01	Permit Requirement					6 (Max.)		mg/L		Monthly	8-hr FPC
Flow, total for the facility	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-01	Permit Requirement	0.340 (3Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Flow Meter
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 1 Mon. Site No. FLW-01	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort Center

## MONITORING GROUP

R-001

PERMIT NUMBER: FLA013016-011-DW2P/RA

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed submit this report to: Department of Environmental Protection, Southwest District Office, Compliance Assurance Program, Attn: Domestic Wastewater, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926, [swd\\_dw@floridadep.gov](mailto:swd_dw@floridadep.gov)

PERMITTEE NAME:	NC Real Estate Projects, LLC	PERMIT NUMBER:	FLA013016-011-DW2P/RA
MAILING ADDRESS:	110 Wades Way, Unit 134 Mooresville, NC 28117	LIMIT:	Final
FACILITY:	Grenelife Resort WWTF	CLASS SIZE:	N/A
LOCATION:	4501 Abbey Court Haines City, FL 33844-9720	MONITORING GROUP NUMBER:	RMP-Q
COUNTY:	Polk	MONITORING GROUP DESCRIPTION:	Biosolids Quantity
OFFICE:	Southwest District	RE-SUBMITTED DMR:	<input type="checkbox"/>
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>
		MONITORING PERIOD	From: _____ To: _____

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):

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When completed submit this report to:** Department of Environmental Protection, Southwest District Office, Compliance Assurance Program, Attn: Domestic Wastewater, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926, [swd\\_dw@floridadep.gov](mailto:swd_dw@floridadep.gov)

PERMITTEE NAME:	NC Real Estate Projects, LLC	PERMIT NUMBER:	FLA013016-011-DW2P/RA
MAILING ADDRESS:	110 Wades Way, Unit 134 Mooresville, NC 28117	LIMIT:	Final
FACILITY:	Grenelefe Resort WWTF	CLASS SIZE:	N/A
LOCATION:	4501 Abbey Court Haines City, FL 33844-9720	MONITORING GROUP NUMBER:	RWS-A
		MONITORING GROUP DESCRIPTION:	Annual Reclaimed Water or Effluent Analysis
		RE-SUBMITTED DMR:	<input type="checkbox"/>
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>
		MONITORING NOT REQUIRED:*	<input type="checkbox"/>
COUNTY:	Polk	MONITORING PERIOD	From: _____ To: _____
OFFICE:	Southwest District		

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chromium, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

\*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.

\*\*GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

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):

NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED.

SIGN AND DATE:

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10^-5)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Grenelife Resort WWTF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FLA013016-011-DW2P/RA

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	s.u.	0	Annually	Grab
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

## DAILY SAMPLE RESULTS - PART B

Permit Number:  
Monitoring Period

FLA013016-011-DW2P/RA  
From: \_\_\_\_\_

To: \_\_\_\_\_

Facility: Grenelefe Resort WWTF

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Nitrogen, Nitrate, Total (as N) mg/L	Solids, Total Suspended mg/L	pH s.u.	Flow MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	Total Nitrogen (As N) mg/L	Total Phosphorus (As P) mg/L
Code	80082	50060	74055	00620	00530	00400	50050	80082	00530	00600	00665
Mon. Site	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	FLW-01	INF-01	INF-01	EFA-01	EFA-01
1											
2											
3											
4											
5											
6											
7											
8											
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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: \_\_\_\_\_

# GROUNDWATER MONITORING REPORT - PART D

Facility Name: Grenelife Resort WWTF  
 Permit Number: FLA013016-011-DW2P/RA  
 County: Polk

Office: Southwest District

Monitoring Period

From: \_\_\_\_\_ To: \_\_\_\_\_

Monitoring Well ID: MWB-01  
 Well Type: Background  
 Description: Background Well  
 JMW-1 (15048)  
 Re-submitted DMR:

Report Frequency: Quarterly  
 Program: Domestic

Date Sample Obtained: \_\_\_\_\_  
 Time Sample Obtained: \_\_\_\_\_

Was the well purged before sampling? Yes No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		Report	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		Report	#/100mL	Grab	Quarterly				
pH	00400		Report	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		Report	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		Report	mg/L	Grab	Quarterly				

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)

COMMENTS AND EXPLANATION (Reference all attachments here):

# GROUNDWATER MONITORING REPORT - PART D

Facility Name: Grenelife Resort WWTF  
 Permit Number: FLA013016-011-DW2P/RA  
 County: Polk

Office: Southwest District

Monitoring Period

From: \_\_\_\_\_ To: \_\_\_\_\_

Monitoring Well ID: MWC-01  
 Well Type: Compliance  
 Description: Compliance Well  
 JMW-2 (15043)  
 Re-submitted DMR:

Report Frequency: Quarterly  
 Program: Domestic

Date Sample Obtained: \_\_\_\_\_  
 Time Sample Obtained: \_\_\_\_\_

Was the well purged before sampling?  Yes  No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				

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

COMMENTS AND EXPLANATION (Reference all attachments here):

# GROUNDWATER MONITORING REPORT - PART D

Facility Name: Grenelife Resort WWTF  
 Permit Number: FLA013016-011-DW2P/RA  
 County: Polk

Office: Southwest District

Monitoring Period

From: \_\_\_\_\_ To: \_\_\_\_\_

Monitoring Well ID: MWC-02  
 Well Type: Compliance  
 Description: Compliance Well  
 JMW-3 (15042)  
 Re-submitted DMR:

Report Frequency: Quarterly  
 Program: Domestic

Date Sample Obtained: \_\_\_\_\_  
 Time Sample Obtained: \_\_\_\_\_

Was the well purged before sampling?  Yes  No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				

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

COMMENTS AND EXPLANATION (Reference all attachments here):

# GROUNDWATER MONITORING REPORT - PART D

Facility Name: Grenelife Resort WWTF  
 Permit Number: FLA013016-011-DW2P/RA  
 County: Polk

Office: Southwest District

Monitoring Period

From: \_\_\_\_\_ To: \_\_\_\_\_

Monitoring Well ID: MWC-05  
 Well Type: Compliance  
 Description: Compliance Well  
 JMW-6 (15041)  
 Re-submitted DMR:

Report Frequency: Quarterly  
 Program: Domestic

Date Sample Obtained: \_\_\_\_\_  
 Time Sample Obtained: \_\_\_\_\_

Was the well purged before sampling?  Yes  No

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	mg/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	ug/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100mL	Grab	Quarterly				
pH	00400		6.5-8.5	s.u.	In Situ	Quarterly				
Sulfate, Total	00945		250	mg/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				
Sodium, Total Recoverable	00923		160	mg/L	Grab	Quarterly				

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

COMMENTS AND EXPLANATION (Reference all attachments here):

## 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 28<sup>th</sup> 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	CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.	NOD	No discharge from/to site.
DRY	Dry Well	OPS	Operations were shutdown so no sample could be taken.
FLD	Flood disaster.	OTH	Other. Please enter an explanation of why monitoring data were not available.
IFS	Insufficient flow for sampling.	SEF	Sampling equipment failure.
LS	Lost sample.		
MNR	Monitoring not required this period.		

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<sub>5</sub>:** Enter the average CBOD<sub>5</sub> 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 LWW 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.

**STATEMENT OF BASIS  
FOR  
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FLA013016-011

FACILITY NAME: Grenelefe Water Utilties

FACILITY LOCATION: Abbey Court In Grenelefe, Haines City, FL 33844-9720  
Polk County

NAME OF PERMITTEE: Grenelefe Water Utilities WWTF

PERMIT WRITER: Noah Cummings

**1. SUMMARY OF APPLICATION**

**a. Chronology of Application**

Application Number: FLA013016-011-DW2P

Application Submittal Date: October 28, 2024

**b. Type of Facility**

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

**c. Facility Capacity**

Existing Permitted Capacity: 0.34 mgd Three Month Average Daily Flow

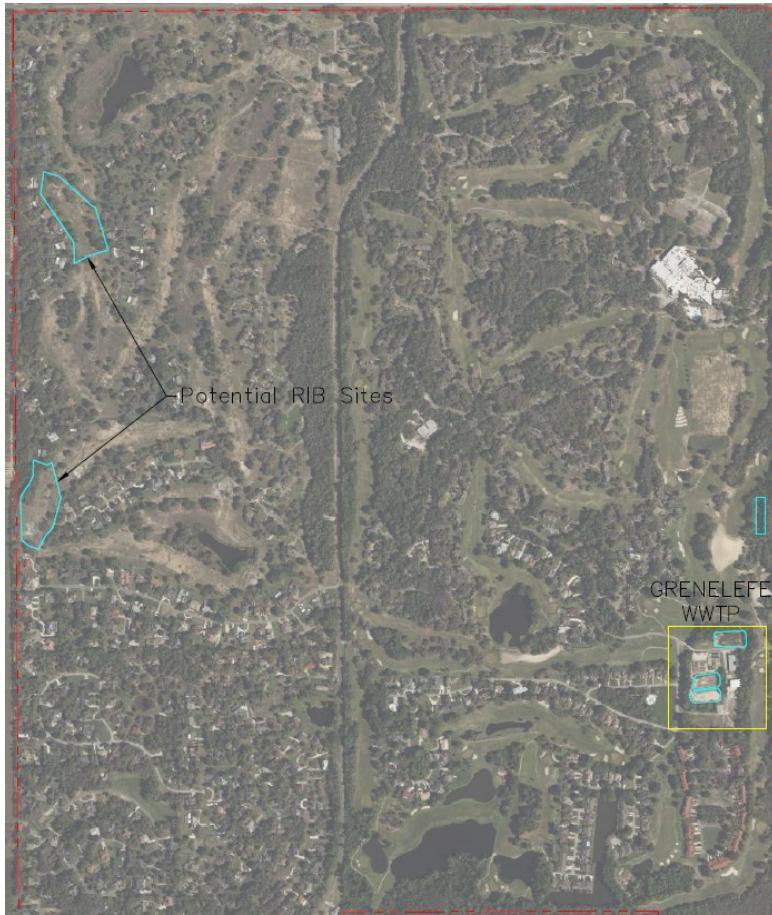
Proposed Increase in Permitted Capacity: 0.155 mgd Three Month Average Daily Flow

Proposed Total Permitted Capacity: 0.495 mgd Three Month Average Daily Flow

**d. Description of Wastewater Treatment**

An existing 0.680 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type I, extended aeration domestic wastewater facility, limited to operate at 0.340 MGD 3MRADF Type II, as long as R-001 is the only effluent disposal system. The treatment plant consisting of: ten aeration basins of 682,187 gallons total volume, four clarifiers of 113,312 gallons total volume and 1,637 square feet of total surface area, seven deep bed automatic backwash filters of 448 square feet designated to handle 472 gallons per minute (GPM), three pre-filter chlorine contact chambers of 21,654 gallons total volume, one post chlorine contact chamber of 19,947 gallons, one effluent pump wetwell of 9,973 gallons, and three digesters of 54,442 gallons total volume. This plant is operated to provide secondary treatment with basic disinfection.

**e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)**



## 2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

## 3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-001, a rapid infiltration basin system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Before Phase 1 Modifications)	MGD	Max	0.340	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (After Phase 2 Modifications)	MGD	Max	0.495	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(a)2. FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(b)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(b)2. FAC

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Solids, Total Suspended	mg/L	Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(b)4. FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-610.510 & 62-600.440(5)(a)1. FAC
Coliform, Fecal	#/100mL	Max	800	Single Sample	62-610.510 & 62-600.440(5)(a)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.510 & 62-600.440(5)(c) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC
Nitrogen, Total	mg/L	Max	10	Annual Average	Lake Okeechobee Basin Management Action Plan June 2018
Phosphorus, Total (as P)	mg/L	Max	6	Annual Average	62-600.650(3)FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-600.650(3)FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-600.650(3)FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	0.340 (before modifications) 0.495 (after modifications)	3-Month Rolling Average	62-600.700(2)(b) FAC
Flow	MGD	Max	Report	Monthly Average	62-600.700(2)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. IMPAIRMENT STATUS OF RECEIVING WATERS

This facility does not discharge to surface waters. However, the R-001 land application system is located in a nutrient-impaired basin for Lake Okeechobee. When effluent is land applied it infiltrates into groundwater and has the potential to deliver nutrient loads to the aquifer and hydrologically connected surface waters. Monitoring for total nitrogen and total phosphorus is included for FLA013016-010 in permit condition I.A.1. in order to provide reasonable assurance that the discharge to ground waters will not cause or contribute to the nutrient impairment in the basin.

## 5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

### **Wastewater Treatment:**

#### **Phase 1 Modifications**

Replacement of headwork screen, upgrade out of service aeration tank to 45,970-gallon flow equalization tank.

#### **After Phase 1 Modification**

An existing 0.680 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type I, extended aeration domestic wastewater facility, **limited to operate at 0.340 MGD 3MRADF Type II, as long as R-001 is the only effluent disposal system.** The treatment plant consisting of: One flow equalization tank totaling 45,970 gallons, ten aeration basins of 682,187 gallons total volume, four clarifiers of 113,312 gallons total volume and 1,637 square feet of total surface area, seven deep bed automatic backwash filters of 448 square feet designated to handle 472 gallons per minute (GPM), three pre-filter chlorine contact chambers of 21,654 gallons total volume, one post chlorine contact chamber of 19,947 gallons, one effluent pump wet well of 9,973 gallons, and three digesters of 54,442 gallons total volume. This plant is operated to provide secondary treatment with basic disinfection.

#### **Phase 2 Modifications**

Phase 2 modifications are completed with a permitted capacity increase to 0.495 in mind. The phase 2 digester tank will be converted into a grit removal compartment with 9,248 gallons capacity. Phase 1 diffused aeration chamber will be converted into raw wastewater flow equalization chamber with 45,970 gallons capacity. A phase 1 mechanical aeration tank, phase 1 digester, phase 1 settling tank, and a phase 1 chlorine contact chamber will be converted into decant flow equalization unit with 95,930 gallons total. Conversion of one phase 3 mechanical aeration zone, one diffused aeration zone, and consolidation with the existing sludge digester to provide 164,465 gallons in total sludge digestion volume. Construction of 3 sequencing batch reactors (SBRs) each with a volume of 250,000 gallons totaling 750,000 gallons.

Expansion, modification, and consolidation of the 4 existing RIBs, into two RIBs designated the North and South RIBs.

#### **After Phase 2 Modification**

An existing 0.680 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type I, extended aeration domestic wastewater facility, limited to operate at 0.495 MGD 3MRADF Type II, as long as R-001 is the only effluent disposal system. The treatment plant consisting of: five aeration basins of 402,214 gallons total volume, seven deep bed automatic backwash filters of 448 square feet designated to handle 472 gallons per minute (GPM), three pre-filter chlorine contact chambers of 21,654 gallons total volume, one post chlorine contact chamber of 19,947 gallons, one effluent pump wet well of 9,973 gallons, three sequencing batch reactors (SBRs) totaling 750,000 gallons total volume, three decant flow equalization units totaling 95,930 gallons total volume and three digesters of 164,465 gallons total volume. This plant is operated to provide secondary treatment with basic disinfection.

Land Application R-001: An existing 0.495 MGD annual average daily flow (AADF) permitted capacity rapid infiltration basin (RIB) system. R-001 is a reuse system which consists of a two-cell RIB of 216,188 square feet of bottom surface area. R-001 is located approximately at latitude 28°3' 45" N, longitude 81°32' 42" W.

### **Phase 3 Modifications**

Construction of 3 additional 250,000 SBR chambers totaling 750,000 gallons. Conversion of one phase 1 aeration chamber to a decant equalization, total decant equalization volume will be 147,980 gallons. Conversion of two phase 2 aeration tanks to raw wastewater flow equalization, totaling 196,040 FEQ unit process capacity. Conversion of two phase 3 aeration chambers to sludge digestion, providing a total sludge digestion capacity of 410,529 gallons. Demolition of phase 3 sand filters and mudwell. Conversion of existing phase 3 25,000-gallon filter clearwell into a chlorine contact tank. Construction of three denitrification filters of 150 square feet each.

### **After Phase 3 Modifications**

An existing 1 million gallons per day (MGD) Three-Month Rolling Average Daily Flow (3MRADF), Type I, extended aeration domestic wastewater facility, **limited to operate at 0.495 MGD 3MRADF Type II, until the effluent disposal capacity is increased.** The treatment plant consisting of: seven deep bed automatic backwash filters of 448 square feet designated to handle 472 gallons per minute (GPM), two chlorine contact chambers totaling 44,947 gallons total volume, one effluent pump wet well of 9,973 gallons, six sequencing batch reactors (SBRs) totaling 1,500,000 gallons total volume, four decant flow equalization units totaling 147,980 gallons total volume, two flow equalization tanks totaling 196,040 gallons flow equalization capacity, three denitrification filters at 450 square feet total, and five digesters of 410,529 gallons total volume. This plant is operated to provide secondary treatment with basic disinfection.

### **REUSE OR DISPOSAL:**

Land Application R-001: An existing 0.495 MGD annual average daily flow (AADF) permitted capacity rapid infiltration basin (RIB) system. R-001 is a reuse system which consists of a two-cell RIB of 216,188 square feet of bottom surface area. R-001 is located approximately at latitude 28°3' 45" N, longitude 81°32' 42" W.

### **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 (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency	All Parameters				62-640.650(5)(a) FAC

## **7. GROUND WATER MONITORING REQUIREMENTS**

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 600, 610, and 620, F.A.C.

## **8. PERMIT SCHEDULES**

A schedule is included in section VI. of the wastewater permit.

**9. 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.

**10. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)**

This permit is accompanied by AO-037SWD22, effective upon the issuance date of the permit, which includes a schedule of compliance. The AO is hereby incorporated by reference. The Grenelife Resort WWTF is land applying effluent to a rapid infiltration basin located in the Lake Okeechobee Basin Management Action Plan area. The total nitrogen (TN) and total phosphorus (TP) limits must be met for the BMAP area. This facility must meet a TN limit of 10 mg/L and a TP limit of 6 mg/L by December 31, 2026. Until such time, the facility may operate under an interim limit for both TN and TP of report only.

**11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS**

No variances were requested for this facility.

**12. 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.

**13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE**

Notice of Permit Issuance	January 2025
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**14. DEP CONTACT**

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Noah Cummings  
Environmental Specialist I  
Southwest District Office  
13051 N Telecom Pkwy, Suite 101  
Temple Terrace, FL 33637-9260  
Telephone No.: (813) 470 – 5777  
[Noah.Cummings@floridadep.gov](mailto:Noah.Cummings@floridadep.gov)

**BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**IN THE MATTER OF:**

Grenelefe Resort WWTF  
4501 Abbey Court  
Haines City, FL 33844-9720  
Polk County

**Administrative Order No.: AO-037SWD22**

**Responsible Authority:**

Mr. Jason Cox, Managing Member  
NC Real Estate Projects, LLC  
110 Wades Way, Unit 134  
Mooresville, NC 28117  
(704) 996-4543  
[ndjasoncox@gmail.com](mailto:ndjasoncox@gmail.com)

**DEP Permit Application No: FLA013016-009-DW2P/NR**

**ORDER ESTABLISH COMPLIANCE SCHEDULE UNDER SECTION 403.088(2)(f), F.S.**

**I. STATUTORY AUTHORITY**

The Department of Environmental Protection (Department) issues this order under the authority of Section 403.088, Florida Statutes. The Secretary of the Department has delegated this authority to the Director of District Management, who issues this order and makes the following findings fact.

**II. FINDINGS OF FACT**

1. NC Real Estate Projects, LLC (the "Permittee") is a "person" under Section 403.031, Florida Statutes (F.S.).
2. The Permittee owns and operates a domestic wastewater facility known as the Grenelefe Resort Center, located at Abbey Court in Grenelefe, Haines City, Florida 33842, Polk County, which land applies reclaimed water within the Lake Okeechobee watershed, a waters of the state as defined in Section 403.031(13), F.S.
3. The Permittee has filed a timely application for renewal of DEP Permit No. FLA013016 under Section 403.088(2), F.S.
4. Grenelefe Resort's land application will not meet the specific conditions I.A.1., of the DEP Permit Application No. FLA013016-009-DW2P/NR:

Parameter	Units	Max./ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrogen, Total (Final Limit)	mg/L	Max	10.0	Annual Average	Monthly	Grab	EFA-01	See I.Error! Referen ce source not

								found. <sup>5</sup> & I.A.6
Phosphorus, Total (As P) (Final Limit)	mg/L	Max	6.0	Annual Average	Monthly	Grab	EFA-01	See I.Error! Referen ce source not found. <sup>5</sup> & I.A.6

5. The wastewater treatment facility will not meet the classification and staffing requirement in accordance to Rule 62-699.310 (2) (a)1., F.A.C as a Category I, Type III, Class C facility.
6. Sections 403.088(2)(e) and (f), F. S., authorize the Department to issue a permit for the discharge of wastes into waters of the state, accompanied by an order establishing a schedule for achieving compliance with all permit conditions if the specified criteria are met.
7. The Department finds that:
  - (a) NC Real Estate Projects, LLC has not submitted a reasonable plan to achieve the applicable total nitrogen (TN) limit of 10.0 milligrams per liter (mg/L) and total phosphorus (TP) limit of 6.0 milligrams per liter (mg/L). The applicant will monitor the plant effluent for TN and TP, and then based on the evaluation of the data, recommend a plan of action to meet the final TN and TP limits, respectively;
  - (b) NC Real Estate Projects, LLC needs permission to land apply reclaimed water within the Lake Okeechobee watershed for a period necessary to gather definitive data and determine a course of action for the facility to meet the applicable TN and TP limits;
  - (c) NC Real Estate Projects, LLC land applies the reclaimed water into land application site R-001, consisting of a four-cell Rapid Infiltration Basin (RIB) of 100,188 square feet of bottom surface area, having a capacity of 0.34 MGD. There is no present, reasonable alternative means of land applying the reclaimed water outside the Lake Okeechobee watershed or reducing TN and TP in the reclaimed water, until a study is completed, and any determined facility upgrades are identified, permitted and constructed;
  - (d) NC Real Estate Projects, LLC requests that an interim limit of Report for TN and TP be applied to the facility effluent until the required upgrades/modifications to meet the TN and TP limits are achieved on/by December 31, 2026;
  - (e) NC Real Estate Projects, LLC requests that the facility be classified as a Category III, Class C facility until the required upgrades/modifications to meet the TN limit are achieved or/by December 31, 2026;
  - (f) The granting of an operation permit will be in the public interest; or
  - (g) The land application of the reclaimed water will not be unreasonably destructive to the quality of the receiving ground waters.

### III. ORDER

Based on the foregoing findings of fact,

#### IT IS ORDERED,

1. NC Real Estate Projects, LLC shall be allowed to land apply the reclaimed water to the facility water reuse system.
2. NC Real Estate Projects, LLC shall provide relevant water quality data, physical circumstances, or other site-specific credible information needed to demonstrate reasonable assurance that the basin watershed will be protected, pursuant to subsections 62-620.320(6) and 62-4.070(3), and paragraph 62-620.620(1)(g), F.A.C.
3. NC Real Estate Projects, LLC shall comply with the requirements of this order, the permit and any subsequent revisions to the permit. This order establishes the interim requirement for TN and TP, interim classification of the facility and a schedule for compliance with respect to the monitoring requirements, land application limitation and facility classification.
4. During the interim period in which the permittee is working to bring the facility into compliance as required by this order, the following monitoring requirements for TN shall apply:

Parameter	Units	Max./Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Nitrogen, Total (Interim Limit)	mg/L	Max	Report	Annual Average	Monthly	Grab	EFA-01
Phosphorus, Total (as P) (Interim Limit)	mg/L	Max	Report	Annual Average	Monthly	Grab	EFA-01

5. During the interim period in which the permittee is working to bring the facility into compliance as required by this order, the facility will be classified as a Category III, Class C facility and will comply with the following specific condition V.A.1.I. of the permit.
  - a. **Before Modification to Meet the Total Nitrogen and Total Phosphorus Limits:** In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:  
A Class C or higher operator 3 hours/day for 5 days/week and one weekend visit. The lead/chief operator must be a Class C operator, or higher.
6. Compliance schedule for the reclaimed water to meet the applicable TN limit and facility re-classification:

Action Item	Due Date
1) Collect monthly effluent samples and analyze for TN and TP and report as required by this permit and Discharge Monitoring Report.	First day of the second month following the permit issuance until September 31, 2025
2) Submit a proposal with the most feasible option to bring the TN and TP into compliance with the final limits being 10.0 mg/L and of 6.0 mg/L, respectively. If necessary, schedule a meeting with DEP SWD office to discuss the proposal.	Prior to September 31, 2025
4) Obtain the Department's approval for the proposal.	Prior to September 31, 2025
5) Implement the proposal.	Within twelve months of DEP approval and after obtaining a permit modification, if required.

6) Comply with the final limit for TN and TP or obtain Department approved regulatory relief	Within three months of completion of any modification if required.
7) Meet the facility classification and operator staffing requirement in accordance to Rule 62-699.310 (2) (a)1., F.A.C as a Category I, Type III, Class C facility.	Upon the date of completion for item 6.

7. The monitoring requirements, interim limit for TN and TP and interim facility classification listed above shall become effective on the first day of the second month following the permit issuance and will expire on December 31, 2026. NC Real Estate Projects, LLC shall comply with the final limit for TN and TP, and facility re-classification as required by permit conditions I.A.1 and V.A.1.II respectively no later December 31, 2026.
8. Except as otherwise provided in this order, Westgate International, Inc. shall maintain and operate the domestic wastewater facility in compliance with all other conditions of DEP Permit No. FLA013016
9. This order may be modified through revisions as set forth in Chapter 62-620, Florida Administrative Code.
10. Reports or other information required by this order shall be sent to:
 

Florida Department of Environmental Protection  
 Southwest District Office  
 13051 N. Telecom Parkway, Suite 101  
 Temple Terrace, Florida 33637-0926  
[swd\\_wf\\_permitting@floridadep.gov](mailto:swd_wf_permitting@floridadep.gov)
11. This order does not operate as a permit under Section 403.088, Florida Statutes. This order shall be incorporated by reference into DEP Permit No. FLA013016, which shall require compliance by the permittee with the requirements of this order.
12. Failure to comply with the requirements of this order shall constitute a violation of this order and DEP Permit No. FLA013016 and may subject the permittee to penalties as provided in Section 403.161, Florida Statutes.

#### IV. NOTICE OF RIGHTS

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 or via electronic correspondence at [Agency\\_Clerk@FloridaDEP.gov](mailto:Agency_Clerk@FloridaDEP.gov).

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 twenty-one 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 twenty-one days of publication of the notice or within twenty-one 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 twenty-one 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 twenty-one 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 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 order will not be effective until further order of the Department.

Any party to this order has the right to seek judicial review of the order 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 or via electronic correspondence at [Agency\\_Clerk@FloridaDEP.gov](mailto:Agency_Clerk@FloridaDEP.gov), 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 the final order is filed with the Clerk of the Department.

Executed in Temple Terrace, Florida.

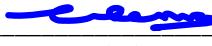
**STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**



Kelley M. Boatwright  
Southwest District Director  
Florida Department of Environmental Protection  
13051 North Telecom Parkway, Suite 101  
Temple Terrace, Florida 33637

**FILING AND ACKNOWLEDGEMENT**

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

 November 16, 2022  
[Clerk] [Date]

**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that this Order and all copies were mailed or transmitted electronically or by facsimile before the close of business on November 16, 2022 to the listed persons.

Catherine Lemonius  
Name

November 16, 2022  
Date

Copies furnished to:

Mohammed Kader, U.S. Water Services Corp., [mkader@uswatercorp.net](mailto:mkader@uswatercorp.net)  
Keith Keegan, U.S. Water Services Corp., [kkeegan@uswatercorp.net](mailto:kkeegan@uswatercorp.net)  
Harry Householder, U.S. Water Services Corp., [hhouseholder@uswatercorp.net](mailto:hhouseholder@uswatercorp.net)  
Melisa Rotteveel, Operator, [mrotteveel@uswatercorp.net](mailto:mrotteveel@uswatercorp.net)  
Bobby Romeo, Operator, [bromeo@uswatercorp.net](mailto:bromeo@uswatercorp.net)  
Paul Santana, Operator, [psantana@uswatercorp.net](mailto:psantana@uswatercorp.net)  
Anthony Andrade, SWFWMD, [anthony.andrade@swfwmd.fl.us](mailto:anthony.andrade@swfwmd.fl.us)  
Erica Peck, DEP SWD, [erica.peck@floridadep.gov](mailto:erica.peck@floridadep.gov)  
Lance Kautz, DEP SWD, [lance.kautz@floridadep.gov](mailto:lance.kautz@floridadep.gov)  
David Petti, DEP SWD, [david.pette@floridadep.gov](mailto:david.pette@floridadep.gov)  
Micah Minaberry, SWD DEP, [micah.minaberry@floridadep.gov](mailto:micah.minaberry@floridadep.gov)



**Vision:** To be the Healthiest State in the Nation

<b>DATA INPUT</b>	
Date:	05/10/2023
Initials:	ACF

Polk County Health Department  
2090 East Clower Street, Bartow, FL 33830  
Phone (863) 519-8330

<b>COMPLIANCE RESULTS</b>			
<input type="checkbox"/>	I	<input type="checkbox"/>	C
<input type="checkbox"/>	M	<input type="checkbox"/>	F
<input checked="" type="checkbox"/>	O		

## SANITARY SURVEY REPORT

System Name	Grenelefe Resorts, LLC			County	Polk	PWS ID#	6530692
Plant Location	3200 State Road 546, Haines City, FL 33844			Phone	(863) 422-4137		
Owner Name	Central Florida Investments / Westgate Resorts			Phone	(407) 351-3350		
Owner Address	5601 Windover Drive, Orlando, FL 32819			Fax	(863) 421-5003		
Contact Person	Paul Santana	Title	Utility Manager	Email	<a href="mailto:ggreg_maultsby@wgresorts.com">ggreg_maultsby@wgresorts.com</a>		
Alternate Contact	Richard Moore	Title	unknown	Email	<a href="mailto:richard_moore@wgresorts.com">richard_moore@wgresorts.com</a>		
This Survey Date	05/10/2023	Last Survey Date		08/04/2021	Last C.I. Date		02/21/2012

**PWS TYPE & CLASS**  Community  Non-transient Non-Community  Transient Non-Community

**PWS STATUS**  Approved System  Accepted System  Unapproved System

### SERVICE AREA CHARACTERISTICS

Resort & S/D	
Food Service: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

### GENERAL SURVEY COMMENTS

WPO call Plant number # 2 Souths as a 10 and Plant #1 as a 6.

Angel Supervisor 813-363-2392 , Selina Makofsky (Compliance) [smakofsky@uswatercorp.net](mailto:smakofsky@uswatercorp.net)

To schedule any inspection or send any reports use this email : [drinkingwater@uswatercorp.net](mailto:drinkingwater@uswatercorp.net)

### DEFICIENCIES

### ACTION TAKEN:

Air release valve at hydro tank not working and without screening. (East plant)	Letter, corrected in 30 days
Well concrete pad cracked at Well AAC3689.	Letter, corrected in 30 days
Well sealing leaking profusely at Well AAC3689.	Letter, corrected in 30 days
Well sealing leaking at Well AAC3690 (Backup one with the sand separator)	Letter, corrected in 30 days
Wells don't have air release valves (Both).	Letter, corrected in 30 days
Shower & eye wash don't work properly. (East plant)	Letter, corrected in 30 days
Corrosion control is not applied since 2020. (Both water plants)	Letter, corrected in 30 days

### Recommendation

The Well AAC3689 casings do not extend 12 inches above the concrete pads and is cracked all the way around.

Inspector	Angelica Castillo Fraticelli	Title	Engineering Specialist III	Forward Date	05/10/2023
Reviewer	Eric Pitts	Title	Environmental Supervisor	Review Date	05/19/2023

System Name: Grenelefe Resort, LLCPWS ID# 6530692Survey Date 05/10/2023**MONITORING COMPLIANCE DATA****{Last Twelve Months}**

COMPLIANCE GROUP	MONITORING	REPORTING	EXCEEDANCE	MCL
Chemical	Satisfactory	Satisfactory	None	None
Bacteriological	Satisfactory	Satisfactory	None	None

Items checked with an (x) are explained below.

**COMMENTS**

Monitoring is current without any MCL violations.

Each water treatment plant is equipped with a point of entry tap.

1/31/2022 Coliform

**Wells sampled under SUPER Act Program**

Well FLUWID #	Water Treatment Plant #	Discharge Facility ID #	Date Sampled	Results
AAC3689	II (6)	53-8628212	09/10/2007	VOC No Detectable

**PERMITS/APPROVALS/ACCEPTANCES**

Project Name	Approval Number	Approval Date	Connections Approved	Microfilm #
Grenelefe Plant I Corrosion Control Treatment	5303-0692	3/19/2003	n/a	scanned
Greelefe Plant II Corrosion Control Treatment	5303-0692	3/19/2003	n/a	scanned
GAC System	5391-0692-B	01/25/1991	n/a	scanned
Granular Activated Carbon Filters	5391-0692-B	01/25/1991	n/a	scanned
PH I	5388-0692-A	02/23/1998	76	scanned

**COMMENTS**

None

**ENFORCEMENT HISTORY {Minimum Last Twenty-Four Months}**

OGC Case Number	Referral Date	Resolution Date	Comments

**TREATMENT PROCESSES IN USE**

Disinfection, and Corrosion Control

Is any additional treatment needed?	None at this time
For control of what deficiencies?	N/A

**DISTRIBUTION SYSTEM**

Comments

Pipe Size Range/Type(s)	6" - 10" / Various	
New/Altered Piping @ Plant(s) Color Coded & Labeled	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Flow Measuring Device Type/Size/Location	In line flow meters	Signet electronic meter
Flow Measuring Device Reading (gallons)	At each well discharge	At each finished water discharge line
Backflow Prevention Devices	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Tested in April
Cross-connections Observed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Bacteriological Sampling Plan Date	10/23/2009	
Satisfactory Bacteriological Sampling Plan Implementation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
System Records Retention Compliance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lead & Copper Sampling Plan Date	10/10/2006	
Disinfection By-Products Sampling Plan Date	09/21/2004	
Cross-connection Control Program Plan Date	Nov / 18/ 2015	
Satisfactory Cross-connection Control Program Plan Implementation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Emergency Preparedness/Response Plan Date	10/09/2007	
Current Drinking Water Distribution System Map	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Asbestos Plan Date	06/17/2003	

**OPERATION & MAINTENANCE**

Comments

Certified Operator	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Operator Name	Dean Fletcher		
Operator Certification Class-Number	C-26818		
Operator Phone Number			
Operator Cell Phone Number			
Operator Fax Number	n/a		
Operator Mailing Address			
Operator E-mail Address	dfletcher@uswatercorp.net		
Operation & Maintenance Log	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Operation and Maintenance Manual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Operator Visitation Frequency	Required	Actual	
	Hrs/wk:	0.6	each plant
	Days/wk :	5+1	7 each plant
Non-consecutive Days	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Monthly Operation Reports Submitted Regularly & Timely	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Data Missing From Monthly Operation Reports	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Plant Category - Class	V-C	each plant	
Number of Service Connections	1,234		
Present Population Served	2114		
Population Basis	MOR's / L&C plan		
Population Seasonal	(Timeframes)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Water System Used Over 60 Days Per Year		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Number of Water Users 6 - 9 Months Per Year		N/A	
Number of Water Users Over 9 Months Per Year		4,500	
System Average Day Demand	(Last 12 Months)	198,927 gpd	
System Maximum Day Demand	(Last 12 Months)	582,000 gpd	
System Firm Capacity	(Calculate assuming largest plant is out of service)	2,160,000 gpd	
System Maximum Day Design Capacity		4,320,000 gpd	
Adequate Flushing Program	(Frequency)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A quarterly	
Sufficient Valve Exercising		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Additional Comments	<b>Permitted Capacity = 2,160,000 gpd</b>		

Plant Name: South Plant (Plant #2)  
 Location: 3200 S.R. 546

PWS ID# 6530692  
 Survey Date 05/10/2023

## GROUND WATER SOURCES

Well Number	10					
WMD Permit Number	Unknown					
Florida Unique Well ID Number	AAC3690					
Grout Type	Neat Cement					
Well Completion Date	1985					
6'x6'x4" Concrete Pad / Condition	Yes / Good					
Depth Drilled (feet)	1,440					
Well Contamination History	None Listed					
Drilling Method	Rotary					
Casing Material	Black Steel					
Casing Diameter (inches)	12					
Casing Length (feet)	710					
Well Inundation Possible	Unlikely					
SET BACKS (feet)	Septic Tank	N/A				
	WW Plant	> 500				
	WW Plumbing	> 500				
	Other Sanitary Hazard	N/A				
PUMP	Type	Vertical Turbine				
	Manufacturer	Randolph				
	Model Number	Unknown				
	Rated Capacity (gpm)	1,500				
MOTOR	Manufacturer	US Motors				
	Model Number	405TP				
	Horsepower	125				
Well Casing 12" Above Pad	No					
Well Casing Sanitary Seal	watertight					
Raw Water Sampling Tap	Compliant					
Above Ground Check Valve	Yes					
Secured / Housed	Yes					
Well Vent Protected	Yes					
Comments	Sand separator installed on well discharge line, <b>Well seal leaking, no air release valve or vent.</b>					
<b>Operator flushed occasionally the well before using it, mostly is a backup well.</b>						

## AUXILIARY POWER SOURCE

	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Comments
Type	Detroit Diesel			1760 RPM
Description	Detroit Diesel Allison			Engine Model # PTA 11162
Functional	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Automatic Switchover	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		On/OFF Pressure is set at 40/65 PSI
Exercised Under Continuous Load Frequently	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Operates All Necessary Equipment	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Capacity Satisfies System Average Daily Water Demand	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Additional Comments				
Private company on charge of the Generator Maintenance.				

Plant Name: South Plant (Plant #2)  
3200 S.R. 546

PWS ID# 6530692  
Survey Date 05/10/2023

## DISINFECTION

Type	Chlorination			Comments
Phase	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid			
Number of Feeders	One			
Adequate Air-Pak	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Alarms				
Loss of Cl <sub>2</sub> Capability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Loss of Cl <sub>2</sub> Residual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Cl <sub>2</sub> Leak Detection	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Fresh Ammonia	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Injection Point Location(s)	On influent line to tank			
Automatic Switchover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Reserve Supply	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Capacity	[gas (lb/day)] or [liquid (gpd)]			30 Liquid
Adequate Ventilation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Room Lightning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Safety Equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Feed Rate or Stroke	[gas (lb/day)] or [liquid (%)]			100%
Sign of Leaks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Feeder(s) Manufacturer	Pulsatron			
Housed or Protected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Chained Cylinders	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Plant Residuals	[mg/l]	Free	1.30	Total n/a POE
Remote Residuals	[mg/l]	Free	1.10	Total n/a Remote
Scales Functioning Properly	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Repair Kits	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
DPD Test Kit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Additional Comments	Cl <sub>2</sub> has been storage in 55 gallons drums. (Some of them had the phosphate label on)			

## STORAGE FACILITIES

Plant Name: South Plant (Plant #2)  
3200 S.R. 546

PWS ID# 6530692  
Survey Date 05/10/2023

## HIGH SERVICE PUMPS

Pump Number	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Pump Type					
Pump Manufacturer					
Pump Model					
Pump Capacity (gpm)					
Motor Manufacturer					
Motor Model					
Motor Horsepower					
Date Installed					
Maintenance					
Comments	<b>None</b>				

## AERATION

Aerator Number	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Type			
Capacity (gpm)			
Conditions			
Bloodworm Presence			
Visible Algae Growth			
Screen Integrity			
Comments	<b>None</b>		

## ADDITIVES

Product Name	Calciquest			
Chemical Name	Polyorthophosphate			
Chemical Purpose	Pb/Cu Corrosion control			
Meets NSF 60 or Equivalent	Yes			
Injection Point Location	Between Cl <sub>2</sub> injection and tank			
Feeder Manufacturer	Pulsatron			
Feeder Model	LB64SAVHC1053			
Feeder Capacity (gpd)	30			
Comments	<b>Failure to apply corrosion control treatment since 06/05/2020.</b>			

## OTHER TASTE/ODOR CONTROL PROCESSES

Explain		None at this time
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Plant Name: East Plant (Plant #1)  
Location: 3200 S.R. 546

PWS ID# 6530692  
Survey Date 05/10/2023

## GROUND WATER SOURCES

Well Number	6				
WMD Permit Number	Unknown				
Florida Unique Well ID Number	AAC3689				
Grout Type	Neat Cement				
Well Completion Date	1984				
6'x6'x4" Concrete Pad / Condition	Yes / Good				
Depth Drilled (feet)	904				
Well Contamination History	None Listed				
Drilling Method	Rotary				

Casing Material		Black Steel				
Casing Diameter (inches)		8				
Casing Length (feet)		670				
Well Inundation Possible		Unlikely				
SET BACKS (feet)	Septic Tank	N/A				
	WW Plant	> 500				
	WW Plumbing	> 300				
	Other Sanitary Hazard	None Seen				
PUMP	Type	Vertical Turbine				
	Manufacturer	Randolph				
	Model Number	Unknown				
	Rated Capacity (gpm)	1,500				
MOTOR	Manufacturer	U.S. Motors				
	Model Number	9982A				
	Horsepower	125				
Well Casing 12" Above Pad		No				
Well Casing Sanitary Seal		watertight				
Raw Water Sampling Tap		Compliant				
Above Ground Check Valve		Yes				
Secured / Housed		Yes				
Well Vent Protected		Yes				
Comments	Well casing is profusely leaking, no air release valve or vent.					
<b>Runtime: 1217799</b>						

## AUXILIARY POWER SOURCE

	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments
Type	Detroit Diesel	1760 RPM
Description	Detroit Diesel Allison	Engine Model # PTA 11162
Functional	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Automatic Switchover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	On/OFF Pressure is set at 40/65 PSI
Exercised Under Continuous Load Frequently	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Operates All Necessary Equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Capacity Satisfies System Average Daily Water Demand	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Additional Comments		
Private company on charge of the Generator Maintenance.		

Plant Name: East Plant (Plant #1)  
3200 S.R. 546

PWS ID# 6530692  
Survey Date 05/10/2023

## DISINFECTION

Type	Chlorination	Comments
Phase	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid	
Number of Feeders	One	
Adequate Air-Pak	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Alarms		
Loss of Cl <sub>2</sub> Capability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Loss of Cl <sub>2</sub> Residual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Cl <sub>2</sub> Leak Detection	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Fresh Ammonia	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Injection Point Location(s)	On influent line to tank	
Automatic Switchover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Reserve Supply	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Capacity [gas (lb/day)] or [liquid (gpd)]	30 gpd	
Adequate Ventilation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Room Lighting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Safety Equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Feed Rate or Stroke [gas (lb/day)] or [liquid (%)]	80%	Varies in frequency
Sign of Leaks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Feeder(s) Manufacturer	Stenner	
Housed or Protected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Chained Cylinders	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Plant Residuals [mg/l]	Free 1.20 Total n/a	POE
Remote Residuals [mg/l]	Free 1.00 Total n/a	Remote
Scales Functioning Properly	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Repair Kits	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
DPD Test Kit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Additional Comments	Cl2 has been storage in 55 gallons drums.	

## STORAGE FACILITIES

	(G) Ground (H) Hydropneumatic (E) Elevated (B) Bladder (C) Clearwell (R) Retention											
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Tank Type/Number	H / 1											
Capacity (gal)	25,000											
Material	Steel											
Gravity Drain	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
By-Pass Piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protected Openings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Relief Valve	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air Relief Valve	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Level Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fittings for Sight Glass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
On/Off Pressure (PSI)	45/65 PSI											
Secured Access	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Height to Minimum Water Level (C, E, G)	N/A											
Height to Maximum Water Level (C, E, G)	N/A											
Tank Equipped With Access Manhole	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank Inspection Report Date	Next Due 03/25											
Comments	Air release valve not working & without screening.											

Plant Name: East Plant (Plant #1)  
3200 S.R. 546

PWS ID# 6530692  
Survey Date 05/10/2023

## HIGH SERVICE PUMPS

Pump Number	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Pump Type					
Pump Manufacturer					
Pump Model					
Pump Capacity (gpm)					
Motor Manufacturer					
Motor Model					
Motor Horsepower					
Date Installed					

Maintenance					
Comments				None	

## AERATION

Aerator Number	N/A	N/A	N/A
Type			
Capacity (gpm)			
Conditions			
Bloodworm Presence			
Visible Algae Growth			
Screen Integrity			
Comments		None	

## ADDITIVES

Product Name	Calciquest			
Chemical Name	Polyorthophosphate			
Chemical Purpose	Pb/Cu Corrosion control			
Meets NSF 60 or Equivalent	Yes			
Injection Point Location	Between Cl <sub>2</sub> injection and tank			
Feeder Manufacturer	Pulsatron			
Feeder Model	LC03SA-VTC1-U03			
Feeder Capacity (gpd)	12			
Comments	Failure to apply corrosion control treatment since 06/05/2020.			

## OTHER TASTE/ODOR CONTROL PROCESSES

Explain		None at this time
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System Name: Grenelife

PWS ID# 6530692

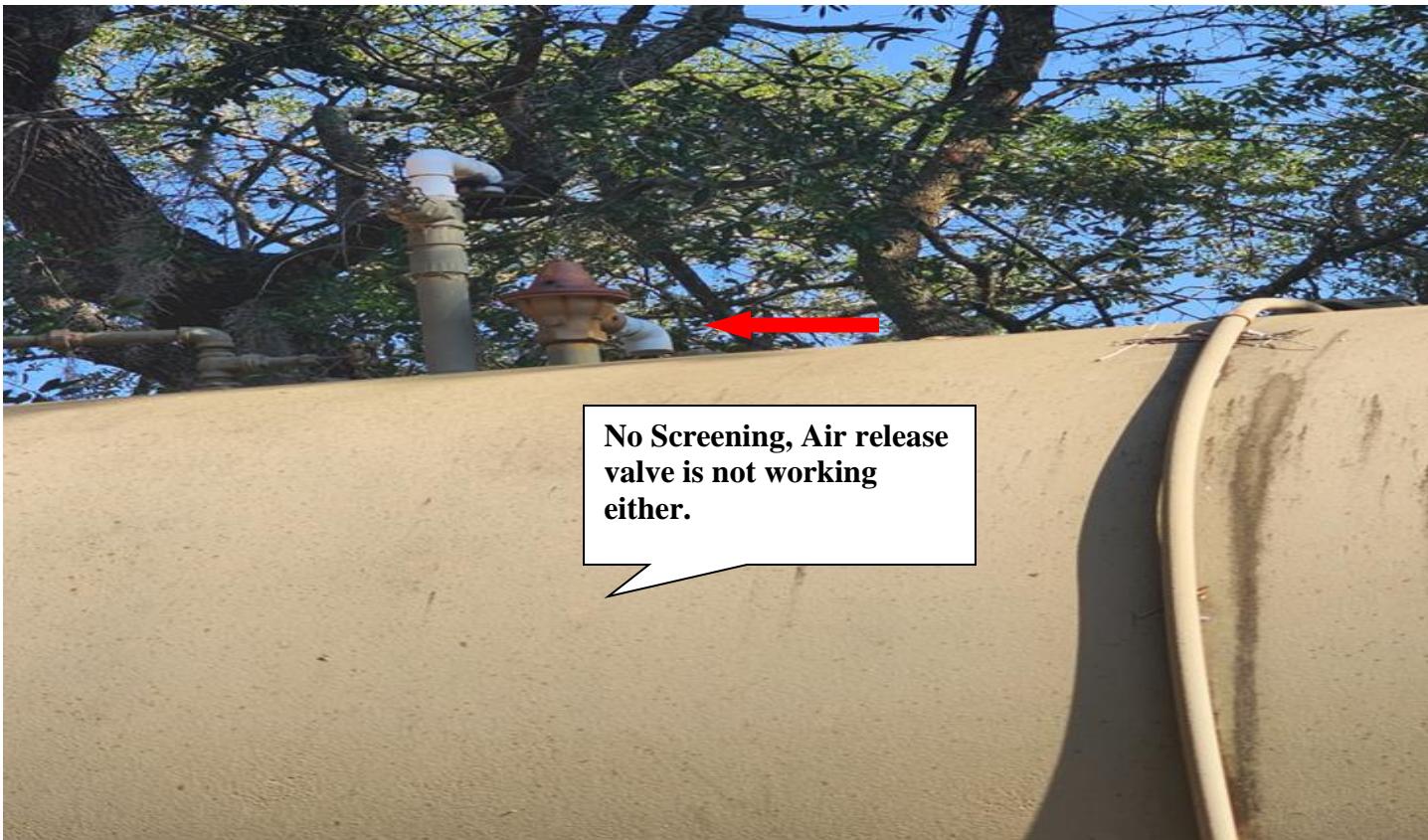
Plant Name:	South Plant	Plant Number:	2	
<b>Operator Visitation Frequency</b>	→ → →			
		Required	Actual	
	Hrs/wk:	0.6	7	
	Days/wk :	5+1	7	
Non-consecutive Days	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Monthly Operation Reports Submitted Regularly	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Data Missing From Monthly Operation Reports	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	
Plant Category - Class			V-C	
Average Day Demand (Last 12 Months)		2,519	gpd	
Maximum Day Demand (Last 12 Months)		162,000	gpd	
Firm Capacity (Calculate assuming largest pump is out of service)		n/a	gpd	This plant has only one pump.
Maximum Day Design Capacity		2,160,000	gpd	
Additional Comments				<b>Permitted Capacity = 1,080,000 gpd</b>

Plant Name:	East Plant	Plant Number:	1	
<b>Operator Visitation Frequency</b>	→ → →			
		Required	Actual	
	Hrs/wk:	0.6	7	
	Days/wk :	5+1	7	
Non-consecutive Days	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Monthly Operation Reports Submitted Regularly	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Data Missing From Monthly Operation Reports	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	
Plant Category - Class			V-C	
Average Day Demand (Last 12 Months)		196,408	gpd	
Maximum Day Demand (Last 12 Months)		420,000	gpd	
Firm Capacity (Calculate assuming largest pump is out of service)		n/a	gpd	This plant has only one pump.
Maximum Day Design Capacity		2,160,000	gpd	



No screening protection, no air release vent / port vent.  
Well sealing leaking. Both Wells



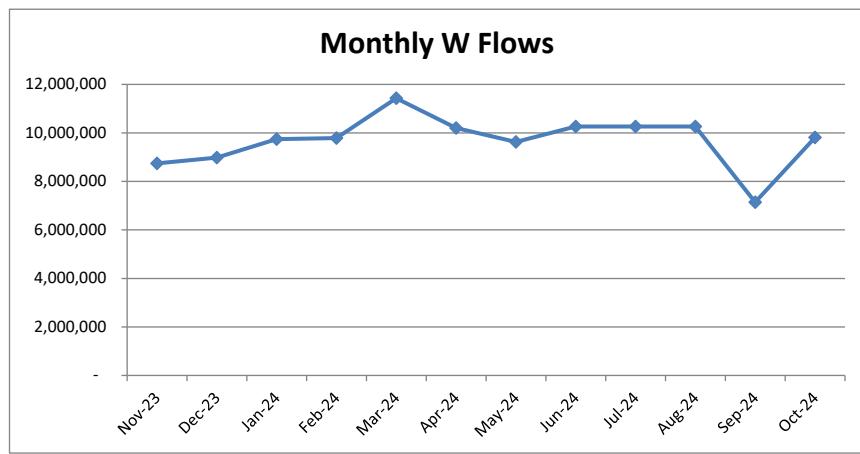


**No Screening, Air release valve is not working either.**

Day	Flows (GPD)											
	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	302,000	290,000	324,000	331,000	309,600	332,500	347,000	280,000	280,000	280,000	260,000	245,000
2	262,000	291,000	305,000	320,000	309,600	377,000	202,000	280,000	280,000	280,000	290,000	248,000
3	300,000	291,000	286,000	320,000	419,000	361,000	328,000	393,000	393,000	393,000	206,000	269,000
4	300,000	290,000	269,000	320,000	340,000	388,000	327,000	435,000	435,000	435,000	298,000	406,000
5	304,000	195,000	382,000	375,000	484,000	339,000	323,000	497,000	497,000	497,000	235,000	204,000
6	326,000	373,000	150,000	258,000	235,000	462,000	328,000	332,000	332,000	332,000	146,000	204,000
7	169,000	286,000	385,000	371,000	420,000	315,000	450,000	469,000	469,000	469,000	3,000	419,000
8	363,000	220,000	296,000	323,000	354,000	315,000	583,000	468,000	468,000	468,000	-	312,000
9	297,000	320,000	228,000	299,000	407,000	336,000	253,000	428,000	428,000	428,000	-	53,000
10	289,000	319,000	366,000	334,000	407,000	318,000	253,000	358,000	358,000	358,000	-	203,000
11	288,000	257,000	351,000	333,000	407,000	377,000	245,000	313,000	313,000	313,000	318,000	242,000
12	288,000	247,000	354,000	422,000	395,000	290,500	244,000	359,000	359,000	359,000	177,000	304,000
13	289,000	330,000	354,000	329,000	372,000	311,500	353,000	272,000	272,000	272,000	323,000	406,000
14	269,000	258,000	291,000	316,000	292,000	312,700	252,000	336,000	336,000	336,000	259,000	327,000
15	251,000	291,000	299,000	337,000	380,000	371,000	274,000	345,000	345,000	345,000	258,000	303,000
16	327,000	190,000	380,000	315,000	345,000	349,000	368,000	345,000	345,000	345,000	257,000	302,000
17	258,000	355,000	321,000	314,000	345,000	298,000	247,000	325,000	325,000	325,000	288,000	538,000
18	220,000	291,000	346,000	343,000	374,000	409,000	258,000	287,000	287,000	287,000	295,000	253,000
19	220,000	256,000	359,000	389,000	373,000	272,000	325,000	332,000	332,000	332,000	656,000	253,000
20	446,000	268,000	290,000	283,000	396,000	352,000	259,000	303,000	303,000	303,000	260,000	521,000
21	330,000	262,000	289,000	341,000	290,000	351,000	283,000	417,000	417,000	417,000	259,000	189,000
22	239,000	294,000	304,000	358,000	327,000	335,000	320,000	271,000	271,000	271,000	317,000	300,000
23	378,000	397,000	245,000	328,000	326,000	360,000	380,000	270,000	270,000	270,000	270,000	329,000
24	233,000	396,000	313,000	328,000	492,000	287,000	357,000	238,000	238,000	238,000	169,000	474,000
25	267,000	329,000	364,000	328,000	335,000	394,000	356,000	326,000	326,000	326,000	309,000	322,000
26	379,000	203,000	293,000	347,000	535,000	269,000	346,000	252,000	252,000	252,000	260,000	350,000
27	246,000	320,000	292,000	367,000	218,000	365,000	245,000	284,000	284,000	284,000	187,000	351,000
28	322,000	328,000	343,000	339,000	392,000	365,000	299,000	156,000	156,000	156,000	313,000	476,000
29	294,000	269,000	311,000	416,000	411,000	324,000	179,000	447,000	447,000	447,000	312,000	374,000
30	288,000	248,000	321,000		377,000	262,000	358,000	447,000	447,000	447,000	219,034	373,000
31		314,000	332,000		361,000		285,000					261,000
<b>Total</b>	<b>8,744,000</b>	<b>8,978,000</b>	<b>9,743,000</b>	<b>9,784,000</b>	<b>11,428,200</b>	<b>10,198,200</b>	<b>9,627,000</b>	<b>10,265,000</b>	<b>10,265,000</b>	<b>10,265,000</b>	<b>7,144,034</b>	<b>9,811,000</b>
<b>Average</b>	<b>291,467</b>	<b>289,613</b>	<b>314,290</b>	<b>337,379</b>	<b>368,652</b>	<b>339,940</b>	<b>310,548</b>	<b>342,167</b>	<b>342,167</b>	<b>342,167</b>	<b>238,134</b>	<b>316,484</b>
<b>Max</b>	<b>446,000</b>	<b>397,000</b>	<b>385,000</b>	<b>422,000</b>	<b>535,000</b>	<b>462,000</b>	<b>583,000</b>	<b>497,000</b>	<b>497,000</b>	<b>497,000</b>	<b>656,000</b>	<b>538,000</b>

total 116,252,434  
 368,652 avg. max  
 656,000 max day

Daily Avg. 319,375 912  
 Avg. Avg. 319,417 912  
 Max Avg. 492,917 1,408



## Wastewater

Day	Flows											
	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24
1	0.203	0.143	0.13	0.152	0.145	0.118	0.109	0.100	0.113	0.139	0.096	0.063
2	0.137	0.143	0.128	0.114	0.107	0.117	0.107	0.101	0.113	0.150	0.148	0.071
3	0.164	0.143	0.114	0.13	0.111	0.117	0.135	0.109	0.113	0.094	0.097	0.190
4	0.163	0.145	0.118	0.151	0.151	0.133	0.106	0.108	0.084	0.126	0.163	0.179
5	0.058	0.131	0.182	0.108	0.12	0.113	0.119	0.125	0.159	0.090	0.115	0.175
6	0.256	0.123	0.068	0.117	0.119	0.12	0.106	0.126	0.106	0.091	0.158	0.175
7	0.114	0.141	0.149	0.116	0.147	0.135	0.119	0.087	0.113	0.115	0.117	0.165
8	0.147	0.079	0.103	0.164	0.116	0.098	0.104	0.087	0.129	0.130	0.118	0.157
9	0.155	0.167	0.132	0.107	0.145	0.128	0.101	0.134	0.109	0.135	0.140	0.146
10	0.185	0.143	0.132	0.112	0.13	0.105	0.118	0.141	0.141	0.093	0.184	0.145
11	0.185	0.103	0.148	0.135	0.129	0.116	0.094	0.108	0.108	0.092	0.116	0.061
12	0.185	0.127	0.129	0.103	0.129	0.125	0.059	0.068	0.138	0.075	0.198	0.062
13	0.127	0.147	0.128	0.113	0.136	0.235	0.180	0.084	0.134	0.149	0.258	0.200
14	0.156	0.111	0.094	0.09	0.101	0.23	0.129	0.099	0.106	0.112	0.137	0.090
15	0.144	0.0147	0.126	0.119	0.117	0.126	0.110	0.124	0.098	0.094	0.137	0.120
16	0.163	0.096	0.227	0.175	0.127	0.097	0.131	0.126	0.168	0.170	0.123	0.160
17	0.197	0.16	0.102	0.085	0.125	0.125	0.082	0.110	0.100	0.103	0.167	0.210
18	0.161	0.127	0.115	0.069	0.144	0.117	0.105	0.127	0.117	0.104	0.144	0.212
19	0.22	0.104	0.151	0.147	0.159	0.083	0.107		0.164	0.152	0.132	0.211
20	0.097	0.119	0.119	0.126	0.132	0.083	0.132		0.155	0.151	0.203	0.186
21	0.205	0.107	0.121	0.108	0.056	0.077	0.107	0.088	0.152	0.151	0.203	0.127
22	0.132	0.138	0.094	0.126	0.135	0.107	0.141	0.200	0.073	0.116	0.088	0.074
23	0.2	0.108	0.118	0.119	0.124	0.112	0.152		0.141	0.091	0.091	0.222
24	0.134	0.107	0.114	0.146	0.124	0.113	0.152		0.085	0.138	0.242	0.187
25	0.123	0.13	0.118	0.156	0.138	0.11	0.152	0.124	0.105	0.153	0.151	0.086
26	0.18	0.108	0.158	0.072	0.144	0.1	0.114	0.119	0.105	0.152	0.145	0.153
27	0.132	0.152	0.249	0.116	0.085	0.131	0.074	0.112	0.105	0.108	0.071	0.153
28	0.153	0.127	0.129	0.125	0.123	0.131	0.162	0.093	0.076	0.094	0.160	0.133
29	0.145	0.15	0.129	0.123	0.122	0.113	0.101		0.144	0.042	0.160	0.104
30	0.131	0.085	0.131		0.134	0.108	0.103	0.104	0.113	0.114	0.067	0.168
31		0.117	0.14		0.118	0	0.111		0.109	0.132		0.141
Total	4.752	3.796	4.096	3.524	3.893	3.623	3.622	2.804	3.676	3.656	4.329	4.526
Average	0.158	0.122	0.132	0.122	0.126	0.117	0.117	0.112	0.119	0.118	0.144	0.146
Max	0.256	0.167	0.249	0.175	0.159	0.235	0.18	0.2	0.168	0.17	0.258	0.222

DEP Allowed (MGD)

0.34

340,000 gpd

Total Gallons 46,296,700

Avg. Max 158,400

Max day 258,000

Daily Avg. 0.128 127,891 456

Avg. Avg. 0.128 127,730 456

Max Avg. 0.203 203,250 725

