

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application of NC Real Estate Projects, LLC
d/b/a Grenelefe Utility for amendment to
Certificates for water and wastewater service
territories in Polk County, Florida.

Docket No.

**APPLICATION FOR AMENDMENT OF WATER AND WASTEWATER
SERVICE TERRITORIES**

Applicant, NC Real Estate Projects, LLC d/b/a Grenelefe Utility (hereinafter "Grenelefe", the "Utility", "the Applicant"), by and through its undersigned attorneys, and pursuant to Sections 367.045, Florida Statutes, and Rule 25-30.036, Florida Administrative Code, files this Application for an amendment to the certificates of authorization for its water and wastewater service territories in Polk County and in support thereof states:

I.

The Applicant's name and address is:

NC Real Estate Projects, LLC d/b/a Grenelefe Utility
3425 Turnberry Drive
Lakeland, Florida 33803
Phone 407-351-3350
jason@roninassets.com

The Applicant's mailing address is:

NC Real Estate Projects, LLC d/b/a Grenelefe Utility
3425 Turnberry Drive
Lakeland, Florida 33803
Phone 407-351-3350
jason@roninassets.com

II.

The name and address of the person to contact concerning this Application is:

F. Marshall Deterding
Sundstrom & Mindlin, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301
Phone: (850) 877-6555

III.

Hand delivered in accordance with the requirements of Rule 25-30.036(2)(a) and 25-30.020(2)(b) as the filing fee for both water and wastewater totaling \$3,500 representing between 2,001 and 4,000 ERCs each for water and wastewater service to be served by the proposed amendment of service territory.

IV.

Proof of noticing in accordance with the requirements of Rule 25-30.036, FAC and 25-30.030, FAC, will be provided as late filed **Exhibit A** to this application as soon as such noticing is complete.

V.

The Utility's certificated name, address, phone number, federal employment identification number and authorized representative is: A Florida limited liability company authorized to do business in Florida which was formed on June 24, 2020. The names and addresses of the members and managers are as follows:

NC Real Estate Projects, LLC d/b/a Grenelefe Utility
3425 Turnberry Drive
Lakeland, Florida 33803
Frederick Scott House, Managing Member, 100% owner
Controller: Jason Michael Cox
EIN 85-1556856

VI.

Based upon the Utility's consulting engineers calculations, the Utility currently serves 1359 water and wastewater customers. All of those are either single residential or multi-family general service customers. The Utility also serves irrigation customers.

The Utility anticipates that the extension of service area will result in the addition of approximately 2,064 water and wastewater customers which includes those outside the utility service territory who are currently being served (984) and those anticipated to be served in the future (1080 ERCs) and a small number of commercial customers. It is unknown at this time

what the exact configuration or meter sizes of the future ERCs will be. The great majority will be single family or multifamily homes with 5/8" meters. **Exhibit B** attached hereto is a schedule showing currently served customers as well as a schedule showing existing and anticipated customers to be served within the existing and proposed areas.

VII.

Attached hereto as **Exhibit C** is a copy of a Letter from the sole property owner within the portion of the proposed extension area which is not already being served. That letter requests that the Applicant provide water and wastewater services to the extension area as soon as possible.

VIII.

The current land use designation of the proposed service territory as described in local comprehensive plan at the time of this application is the Grenelefe DRI. That area along with "The Groves at Lake Marion" to the south of the Grenelefe DRI has been a part of the Grenelefe Utility Enclave Area under the Polk County Comprehensive Plan for over 50 years. To the best of the Utility's knowledge, there is no proposed development which will require a revision to the Comprehensive Plan in order to receive utility services from the Applicant.

IX.

The Utility is not aware of any land use restrictions, such as environmental restrictions, imposed by governmental authorities, which would conflict with or oppose the provision of services as outlined herein.

X.

The Utility is planning to service the immediate needs of the current and proposed territories from its existing treatment facilities and has adequate excess capacity to do so. The Utility is also aware that known changes in DEP regulations will likely require substantial upgrades to the utility wastewater facilities in the next two years to continue to service existing customers, regardless of any need for expansion to serve new customers. The Utility anticipates

that any construction of new, modified, or expanded treatment facilities will utilize the same real estate that is currently owned by the Utility for that purpose.

XI.

A legal description of the territory proposed to be served in a format prescribed by Rule 25-30.020, FAC, for the proposed extension area is attached hereto as **Exhibit D**. Included as part of **Exhibit D** is (a) a legal description and map of the complete territory, including the existing and expanded services areas; (b) a legal description and map of the 581.17 proposed extension area known as the “Grenelefe” parcel where the utility is currently serving but which is outside its currently authorized service territory; (c) a legal description and map of the 279.98 proposed extension area known as the “Groves at Lake Marion” parcel where the utility is not currently serving but proposes to serve. Each of these legal descriptions and maps are in a format prescribed by Rule 25-30.029, FAC.

XII.

A detailed system map showing the existing lines and treatment facilities and the territory proposed to be served plotted thereon consistent with the legal descriptions provided herein above is attached hereto as **Exhibit E**. However, the development of the southern extension parcel, known as “The Groves at Lake Marion”, is not yet finalized and, as such, exact plans for proposed lines and facilities have not been finalized and, therefore, are not depicted.

XIII.

A statement describing the capacity of the existing lines, the capacity of the existing treatment facilities and design capacity of the proposed extension is attached hereto as **Exhibit F**.

XIV.

A copy of the current wastewater plant operating permit issued by the Department of Environmental Protection and the two Consumptive Use Permits issued by the Southwest Florida Water Management District are attached hereto as **Exhibit G**.

XV.

A copy of the most recent DEP and/or County Health Department sanitary survey, compliance inspection report, and secondary standards drinking water report is attached hereto as **Exhibit H**.

XVI.

There has been no correspondence with DEP, the County Health Department or Water Management District related to Consent Orders or Warning Letters for the last five years. The Utility, through its engineers, has only corresponded with DEP, the County Health Department and the Water Management District concerning required permitting.

XVII.

The Utility is currently exploring its options for obtaining a low-cost financing for construction that the Utility will undertake within the next two years to comply with DEP requirements for wastewater treatment. At this time the exact source of such funding is unknown. As such, the impact on the Utility's capital structure is currently unknown.

XVIII.

To date, there have been no permits issued for the proposed amendment by the Department of Environmental Protection.

XIX.

A description of the type of customers anticipated to be served by the amendment (i.e., single family homes, single family attached, duplexes, golf course, club house, commercial properties, etc.) is provided as part of **Exhibit B**.

XX.

The Utility does not anticipate at this time that there will be any impact on the Utility's monthly rates or service availability charges as a direct result of the amendment requested herein. However, the Utility has not had a full general rate case in over 12 years. Second, the current

owners found a system badly in need of upgrades, and long delayed repairs, upon acquisition of the system and has begun the process of making those additions, corrections and repairs. Finally, in order to comply with known new treatment requirements which will be effective in the immediate future, as well as the need to prepare to service additional customers, the Utility will be undertaking a request for increases in rates and service availability charges in the near future.

XXI.

Attached hereto as **Exhibit I** are the original and two copies of the tariff sheets reflecting the amended service area as proposed for service herein. These tariffs are revised to include an all new legal description which combines the previously approved certificated areas with the amendments outlined and noticed herein.

XXII.

The Applicant's current certificates are reflected in Order No. PSC-2024-0228-FOF-WS as issued by the Commission in the recent Transfer of Water and Wastewater Certificates. These are attached as Appendix A to **Exhibit J**.

XXIII.

The Commission last established rates in Docket No. 110141-WS and issued Order No. PSC-12-0433-FOF-WS establishing the rates and charges for Applicant for both water and wastewater service. The Utility has also implemented several index rate increases since that time.

XXIV.

An affidavit that the Utility has tariffs and annual reports on file with the Commission is attached hereto as **Exhibit K**.

XXV.

Attached hereto as **Exhibit L** is a draft notice prepared by the Utility. After approval of that notice, the Utility will perform the noticing requirements by rule and file the affidavit showing

that the Utility has provided notice in accordance with the requirements of Rule 25-30.030, Florida Administrative Code, to all those entitled to such notice. A publication notice, in compliance with Rule 25-30.030(7), Florida Administrative Code, will be published as soon as possible after approval. Proof of publication will be late filed to the Commission as **Exhibit M** immediately after it is received from the newspaper utilized for this purpose. A copy of the approved notice will also be provided by regular mail or personal service to each of the customers of the amended territory to be certified. An affidavit of such compliance will be late filed as **Exhibit N**.

XXVI.

In accordance with the requirements of Section 367.045(1)(d), Florida Statutes, and Rule 25-30.020(2)(b), Florida Administrative Code, a check will be hand delivered for the combined filing fee in the amount of \$3,500 which is intended to satisfy the requirements of those rules and statutory sections for a water and wastewater system intended to serve between 2,001 and 4,000 ERCs.

XXVII.

The Applicant herein requests that the Florida Public Service Commission issue amended certificates to NC Real Estate Projects, LLC d/b/a Grenelefe Utility to provide water and wastewater service to the proposed amendment territories requested herein in Polk County.

Respectfully submitted this
17th day of September, 2024, by:

SUNDSTROM & MINDLIN, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301
(850) 877-6555

/s/ F. Marshall Deterding

F. MARSHALL DETERDING
Of Counsel

Exhibits

- Exhibit A** Proof of Noticing (late filed)
- Exhibit B** Excerpts of 2023 Annual Report & schedule with existing/anticipated customers
- Exhibit C** Letter from the property owner requesting service
- Exhibit D** Legal Description
- Exhibit E** Detailed System Map
- Exhibit F** Statement describing capacity of existing lines/treatment facilities
- Exhibit G** Current Permits issued by DEP & SWFWMD
- Exhibit H** DEP & Health Department surveys and reports
- Exhibit I** Original and two copies of tariff sheets
- Exhibit J** Current PSC Certificates
- Exhibit K** Affidavit of tariff and annual reports on file at PSC
- Exhibit L** Draft notice for publishing and mailing
- Exhibit M** Proof of Publication of Notice (late filed)
- Exhibit N** Affidavit of Mailing Notice (late filed)

EXHIBIT A

Proof of Noticing

(late filed)

EXHIBIT B

Schedule Showing Existing and Anticipated Customers

NC Real Estate Project, LLC d/b/a Grenelefe Utility
 Application for Extension of Service Area
 Schedule of Customers Proposed to be Served

Current Utility service area "existing homes":	
Servicing now	434
Single Family	190
Townhomes	232
Duplexes	12

Current Utility Service Area "To be built":	
New builds	984
Single Family	889
Townhomes	95
Duplexes	
Commercial (SqFt)	86968

Proposed new Utilities Service area "Existing Homes":	
Servicing now	925
Single Family	171
Townhomes	662
Duplexes	92

Proposed new Utility Service Area "to be built":	
New builds	1080
Single Family	717
Townhomes	325
Duplexes	38

All residential customers proposed to be served in the proposed service territory will be served through 5/8 x 3/4" meters. The proposed commercial space to be served within the existing territory is currently anticipated to be served as follows:

Type of Customer	Number	Meter Size
Office	3	2"
Commercial	5	1 1/2"
Grocery Store	1	8"

EXHIBIT C

Letter requesting service to the extension area

Smokey Groves Development, LLC

August 22, 2024

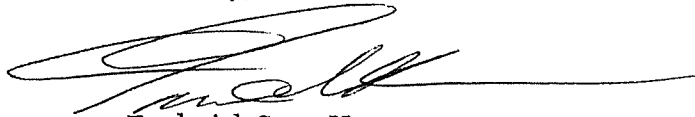
Mr. Jason Cox
NC Real Estate Projects
d/b/a Grenelefe Utility

Re: NC Real Estate Projects, LLC d/b/a Grenelefe Utility; Service to The Groves at Lake Marion development south of existing Grenelefe Utility service area

Dear Mr. Cox,

As the sole owner of the property immediately south of the NC Real Estate Projects, LLC d/b/a Grenelefe Utility existing service territory known as "The Groves at Lake Marion", I am writing to request that the utility immediately expand its service territory so as to include The Groves at Lake Marion 280 acres in its territory as quickly as possible. The property is in need of a immediate water, wastewater and irrigation services. After investigation, I have determined there are no reasonable alternatives to service from your utility. We will be needing service in the very near future and as such request that authorizations be obtained as quickly as possible.

Sincerely,



Frederick Scott House
Managing Member
Smokey Groves Development, LLC

EXHIBIT D

Legal Description

SKETCH OF DESCRIPTION

NC REAL ESTATE PROJECTS, LLC
d/b/a GRENELEFE UTILITY







LEGAL DESCRIPTION

A parcel of land being a portion of Sections 5, 6, 7, 8, 17 and 18, Township 28 South, Range 28 East, Polk County, Florida, being more particularly described as follows:

Begin at the East $\frac{1}{4}$ corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°12'32"W, along the West line of Section 5, Township 28 South, Range 28 East, Polk County, Florida, a distance of 659.16 feet to a point on the North line of the South 660 feet of US Government Lot 1 of said Section 5; thence departing said West line, run N89°36'57"E, along said North line, a distance of 1,714.43 feet to a point on the Westerly Meandering line of Lake Marion; thence the following twelve (12) courses and distances along said Westerly line: thence S26°12'13"W, a distance of 738.08 feet; thence N89°39'08"E, a distance of 68.89 feet; thence S31°14'22"W, a distance of 363.56 feet; thence S06°10'27"W, a distance of 362.41 feet; thence S23°46'45"E, a distance of 277.86 feet; thence S07°13'21"E, a distance of 406.55 feet; thence S17°20'02"E, a distance of 229.68 feet; thence S17°34'19"E, a distance of 229.98 feet; thence S08°55'18"E, a distance of 222.01 feet; thence S07°38'32"E, a distance of 221.30 feet; thence S07°09'37"W, a distance of 221.19 feet; thence S08°57'04"W, a distance of 220.17 feet to a point on the South line of Lot 5, LAKE MARION HOMESITES, according to the plat thereof, as recorded in Plat Book 37, Page 9 of the Public Records of Polk County, Florida; thence S89°38'35"W, along said South line, a distance of 560.36 feet to the West Right of Way line of West Lake Marion Road; thence the following two (2) courses and distances along said West Right of Way line: thence S00°00'54"E, a distance of 25.00 feet; thence S00°04'56"W, a distance of 2,611.15 feet; thence departing said West Right of Way line, run N89°58'12"E, a distance of 74.98 feet to a point on the East Right of Way line of West Lake Marion Road, said point also being a point on the South line of Lot 18, LAKE MARION HOMESITES; thence N89°51'42"E, along said South line, a distance of 279.33 feet to the West boundary of SOUTH BAY LANDINGS, according to the plat thereof, as recorded in Plat Book 95, Pages 19 through 20 of the Public Records of Polk County, Florida; thence departing said South line, run S00°03'25"W, along said West line, a distance of 2,148.34 feet; thence departing said West line, run N89°52'19"W, a distance of 273.92 feet to the East Right of Way line of West Lake Marion Road; thence S89°19'40"W, a distance of 80.66 feet to a point on

ABBREVIATIONS/LEGEND

SEC.	SECTION	R	RADIUS
TWP.	TOWNSHIP	L	LENGTH
RNG.	RANGE	CB	CHORD BEARING
S.	SOUTH	CD	CHORD DISTANCE
E.	EAST	A	CENTRAL ANGLE
O.R.B.	OFFICIAL RECORDS BOOK	PC	POINT OF CURVATURE
PGS.	PAGES	PT	POINT OF TANGENCY
TEMP.	TEMPORARY	NT	NON TANGENT
NO.//	NUMBER	PRC	POINT OF REVERSE CURVE
●	DESCRIPTIVE POINT	PCC	POINT OF COMPOUND CURVE
P.S.M.	PROFESSIONAL SURVEYOR & MAPPER		

	SERVICE TERRITORY BOUNDARY
	RANGE LINE
	TOWNSHIP LINE
	SECTION LINE
	RIGHT OF WAY LINE
	APPROXIMATE WATER LINE

NOTES

BEARINGS AS SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, (NAD 83, 2007 ADJUSTMENT). THIS SURVEYOR HAS NOT MADE A SEARCH OF THE PUBLIC RECORDS FOR EASEMENTS, RESTRICTIONS, RESERVATIONS AND/OR RIGHT OF WAYS. THIS SKETCH IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY. NO CORNERS WERE SET AS A PART OF THIS SKETCH.

REQUESTED BY: GRENELEFE RESORT DEVELOPMENT, LLC

DATE OF SKETCH	7/17/2024	REVISIONS
SCALE	1" = 1500'/1200'	REVISED 8/7/2024
F.B.	PAGE	REVISED 8/27/2024
SECTIONS	5, 6, 7, 8, 17 & 18	
TWP.	28 S., RNG. 28 E.	
JOB NO.	24-048A	SHEET 1 OF 6

JOHNSTON'S
SURVEYING INC.
900 Cross Prairie Parkway, Kissimmee, Florida 34744
Tel. (407) 847-2179 Fax (407) 847-6140



8/27/2024

RICHARD D. BROWN, P.S.M. #5700 (DATE)
NOTE: NOT VALID WITHOUT RAISED SURVEYOR'S SEAL.

SKETCH OF DESCRIPTION
NC REAL ESTATE PROJECTS, LLC
d/b/a GRENELEFE UTILITY

LEGAL DESCRIPTION

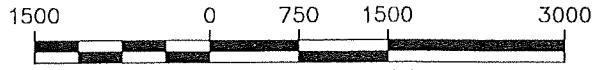
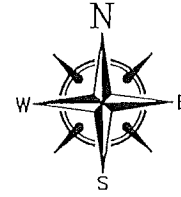
the West Right of Way line of West Lake Marion Road, said point also being a Point on a Non-Tangent Curve, Concave to the Northeast, having a Radius of 612.96 feet and a Central Angle of 58°10'16"; thence run Southeasterly along said West Right of Way line, a distance of 622.32 feet (Chord Bearing = S36°27'13"E, Chord = 595.94 feet) to a Point on a Non-Tangent Curve, Concave to the North, having a Radius of 613.27 feet and a Central Angle of 09°24'43"; thence run Easterly along said West Right of Way line, a distance of 100.74 feet (Chord Bearing = S70°13'35"E, Chord = 100.63 feet) to a Point of Non Tangency, said point also being a point on the East line of the West ½ of the Northwest ¼ of Section 17, Township 28 South, Range 28 East, Polk County, Florida; thence departing said West Right of Way line, run S01°53'45"E, along said East line, a distance of 2,576.23 feet to a point on the South line of the West ½ of the Northwest ¼ of said Section 17; thence departing said East line, run N89°11'18"W, along said South line, a distance of 1,329.53 feet to a point on the East line of Section 18, Township 28 South, Range 28 East, Polk County, Florida; thence S89°05'29"W, along the South Line of the Northeast ¼ of said Section 18, a distance of 2,721.89 feet to a point on the West line of the Northeast ¼ of said Section 18; thence departing said South line, run N00°23'07"W, along said West line, a distance of 2,596.57 feet to a point on the South line of Section 7, Township 28 South, Range 28 East, Polk County, Florida; thence N00°35'24"W, along the West line of the Southeast ¼ of said Section 7, a distance of 2,648.33 feet to a point on the South line of the Northwest ¼ of said Section 7; thence departing said West line, run S89°42'07"W, along said South line, a distance of 2,644.17 feet to a point on the West line of said Section 7; thence departing said South line, run N00°20'31"W, along said West line, a distance of 2,634.95 feet to the Southwest corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°21'33"W, along the West line of said Section 6, a distance of 2,635.87 feet to a point on the North line of the South ½ of said Section 6; thence the following two (2) courses and distances along said North line: thence N89°38'32"E, a distance of 2,635.65 feet; thence N89°39'09"E, a distance of 2,638.50 feet to the Point of Beginning.

Containing 1,277.45 acres, more or less.







JOHNSTON'S
SURVEYING INC.

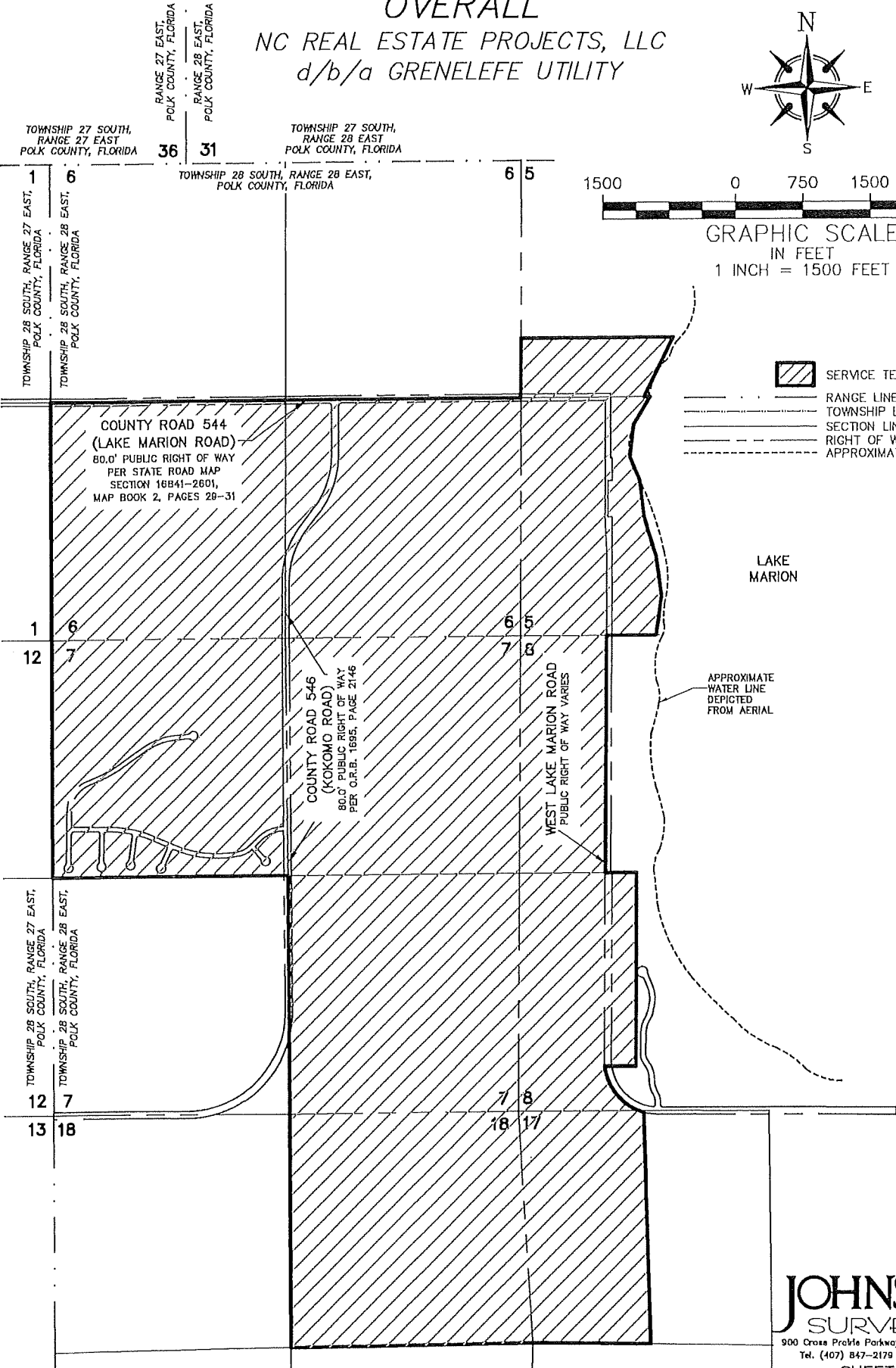
900 Cross Prairie Parkway, Kissimmee, Florida 34744
Tel. (407) 847-2179 Fax (407) 847-8140

OVERALL
NC REAL ESTATE PROJECTS, LLC
d/b/a GRENELEFE UTILITY



GRAPHIC SCALE
IN FEET
1 INCH = 1500 FEET

-  SERVICE TERRITORY BOUNDARY
-  RANGE LINE
-  TOWNSHIP LINE
-  SECTION LINE
-  RIGHT OF WAY LINE
-  APPROXIMATE WATER LINE



LAKE MARION

APPROXIMATE WATER LINE DEPICTED FROM AERIAL

SKETCH OF DESCRIPTION
NC REAL ESTATE PROJECTS, LLC
d/b/a GRENELEFE UTILITY

POINT OF BEGINNING
EAST 1/4 CORNER
SECTION 6, TOWNSHIP 28
SOUTH, RANGE 28 EAST

NORTH LINE OF SOUTH
660' OF US GOVERNMENT
LOT 1 OF SECTION 5,
TWP 28 S., RNG. 28 E.

NORTH LINE OF SOUTH 1/2
SECTION 6, TOWNSHIP 28
SOUTH, RANGE 28 EAST

L31

L32

L2

L3

L4

L5

L6

L7

L8

L9

L10

L11

L12

L13

L14

L30

1

6

7

L29

L28

12

7

12

13

COUNTY ROAD 544
(LAKE MARION ROAD)
80.0' PUBLIC RIGHT OF WAY
PER STATE ROAD MAP
SECTION 16841-2601,
MAP BOOK 2, PAGES 29-31

SOUTHWEST CORNER OF
SECTION 6, TOWNSHIP 28
SOUTH, RANGE 28 EAST

SOUTH LINE OF
NORTHWEST 1/4
OF SECTION 7

COUNTY ROAD 546
(KOKOMO ROAD)
80.0' PUBLIC RIGHT OF WAY
PER O.R.B. 1695, PAGE 2146

WEST LINE OF
SOUTHEAST 1/4
OF SECTION 7

SOUTH LINE OF
SECTION 7

NORTH LINE OF
SECTION 18

WEST LAKE MARION ROAD
PUBLIC RIGHT OF WAY VARIES
WEST RIGHT OF WAY LINE

EAST RIGHT OF WAY LINE

EAST RIGHT OF WAY LINE

WEST RIGHT OF WAY LINE

SOUTH LINE LOT 5,
LAKE MARION HOMESITES
PLAT BOOK 37, PAGE 9

APPROXIMATE
WATER LINE
DEPICTED
FROM AERIAL

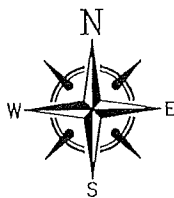
SOUTH LINE LOT 18,
LAKE MARION HOMESITES
PLAT BOOK 37, PAGE 9

WEST BOUNDARY OF
SOUTH BAY LANDINGS
PLAT BOOK 95, PAGES 19-20
APPROXIMATE
WATER LINE
DEPICTED
FROM AERIAL

SEE SHEET 5

SEE SHEET 5

SEE SHEET 5

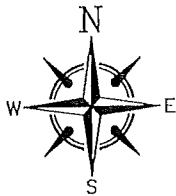
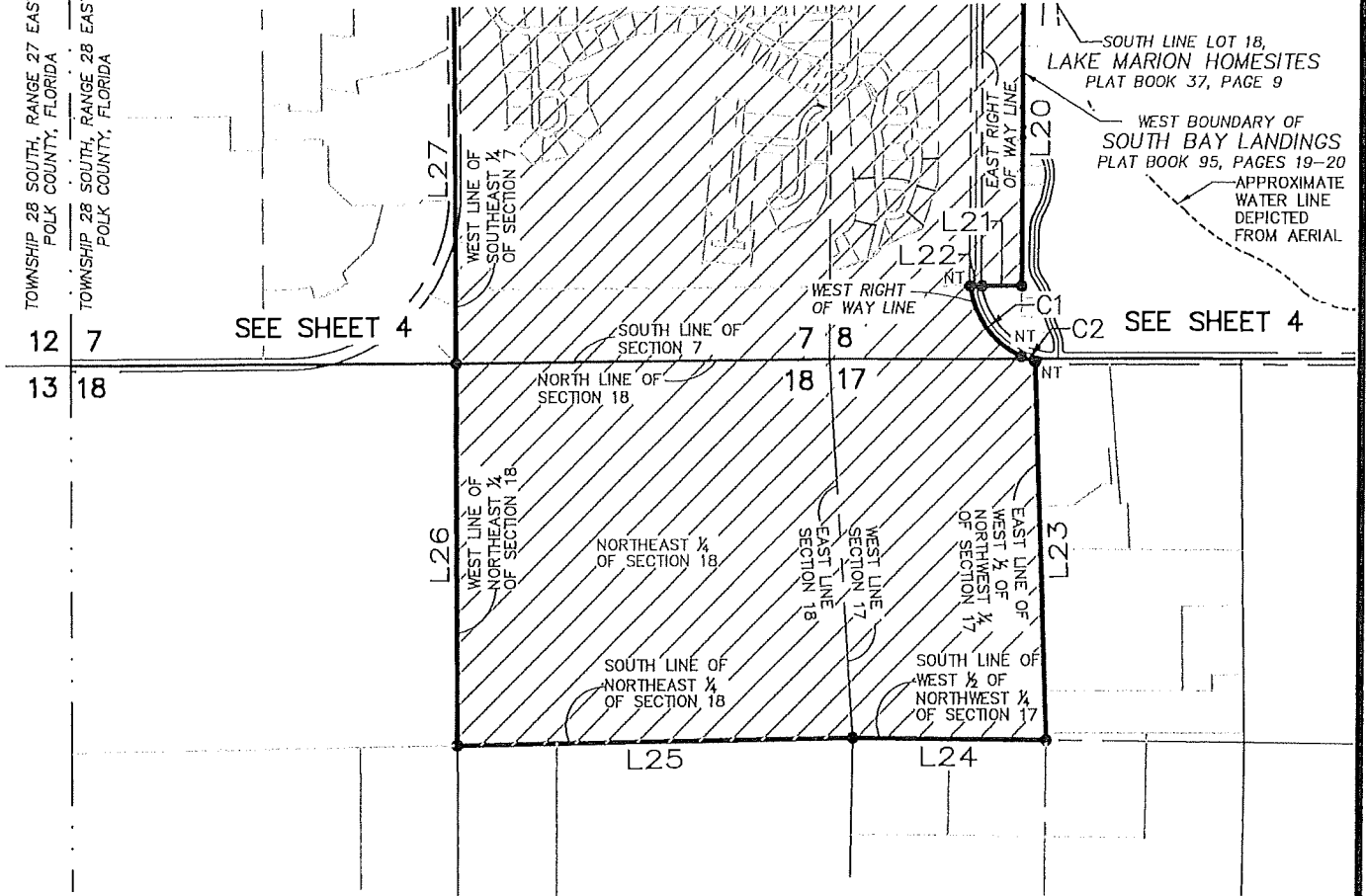


GRAPHIC SCALE
IN FEET
1 INCH = 1200 FEET

JOHNSTON'S
SURVEYING INC
900 Cross Prickie Parkway, Kissimmee, Florida 34744
Tel. (407) 847-2179 Fax (407) 847-8140

SKETCH OF DESCRIPTION
NC REAL ESTATE PROJECTS, LLC
d/b/a GRENELEFE UTILITY

TOWNSHIP 28 SOUTH, RANGE 27 EAST,
POLK COUNTY, FLORIDA
TOWNSHIP 28 SOUTH, RANGE 28 EAST,
POLK COUNTY, FLORIDA



GRAPHIC SCALE
IN FEET
1 INCH = 1200 FEET

JOHNSTON'S
SURVEYING INC.
800 Cross Praline Parkway, Kissimmee, Florida 34744
Tel. (407) 847-2179 Fax (407) 847-8140

LINE & CURVE TABLE

CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHD. BEARING	CHORD LENGTH
C1	612.96'	58°10'16"	622.32'	S36°27'13"E	595.94'
C2	613.27'	9°24'43"	100.74'	S70°13'35"E	100.63'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N00°12'32"W	659.16'
L2	N89°36'57"E	1714.43'
L3	S26°12'13"W	738.08'
L4	N89°39'08"E	68.89'
L5	S31°14'22"W	363.56'
L6	S06°10'27"W	362.41'
L7	S23°46'45"E	277.86'
L8	S07°13'21"E	406.55'
L9	S17°20'02"E	229.68'
L10	S17°34'19"E	229.98'
L11	S08°55'18"E	222.01'
L12	S07°38'32"E	221.30'
L13	S07°09'37"W	221.19'
L14	S08°57'04"W	220.17'
L15	S89°38'35"W	560.36'
L16	S00°00'54"E	25.00'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L17	S00°04'56"W	2611.15'
L18	N89°58'12"E	74.98'
L19	N89°51'42"E	279.33'
L20	S00°03'25"W	2148.34'
L21	N89°52'19"W	273.92'
L22	S89°19'40"W	80.66'
L23	S01°53'45"E	2576.23'
L24	N89°11'18"W	1329.53'
L25	S89°05'29"W	2721.89'
L26	N00°23'07"W	2596.57'
L27	N00°35'24"W	2648.33'
L28	S89°42'07"W	2644.17'
L29	N00°20'31"W	2634.95'
L30	N00°21'33"W	2635.87'
L31	N89°38'32"E	2635.65'
L32	N89°39'09"E	2638.50'

SKETCH OF DESCRIPTION

NC REAL ESTATE PROJECTS, LLC d/b/a GRENELEFE UTILITY

LEGAL DESCRIPTION

A parcel of land being a portion of Sections 6 and 7, Township 28 South, Range 28 East, Polk County, Florida, being more particularly described as follows:





Begin at the Southwest corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°21'33"W, along the West line of said Section 6, a distance of 2,635.87 feet to the North line of the South 1/2 of said Section 6; thence departing said West line, run N89°38'32"E, along said North line, a distance of 2,635.65 feet to the Northeast corner of the Southwest 1/4 of said Section 6; thence N89°39'09"E, along the North line of the South 1/2 of said Section 6, a distance of 1,724.04 feet; thence departing said North line, run S00°03'30"W, a distance of 2642.03 feet to a point on the South line of said Section 6; thence N89°44'49"E, along said South line, a distance of 922.32 feet to the Northeast corner of Section 7, Township 28 South, Range 28 East, Polk County, Florida; thence departing said South line, run S00°04'58"W, along the East line of said Section 7, a distance of 2,632.92 feet to the Southeast corner of the Northeast 1/4 of said Section 7; thence departing said East line, run S89°42'48"W, along the South line of the Northeast 1/4 of said Section 7, a distance of 2,599.08 feet to the Southwest corner of the Northeast 1/4 of said Section 7; thence S89°42'07"W, along the South line of the Northwest 1/4 of said Section 7, a distance of 2,644.17 feet to the Southwest corner of the Northwest 1/4 of said Section 7; thence N00°20'31"W, along the West line of said Section 7, a distance of 2,634.95 feet to the Point of Beginning.

Containing 581.17 acres, more or less.

ABBREVIATIONS/LEGEND
 SEC. SECTION
 TWP. TOWNSHIP
 RNG. RANGE
 S. SOUTH
 E. EAST
 O.R.B. OFFICIAL RECORDS BOOK
 PGS. PAGES
 TEMP. TEMPORARY
 NO./# NUMBER
 ● DESCRIPTIVE POINT
 P.S.M. PROFESSIONAL SURVEYOR & MAPPER
 R RADIUS
 L LENGTH
 CB CHORD BEARING
 CD CHORD DISTANCE
 Δ CENTRAL ANGLE
 PC POINT OF CURVATURE
 PT POINT OF TANGENCY
 NT NON TANGENT
 PRC POINT OF REVERSE CURVE
 PCC POINT OF COMPOUND CURVE

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N00°21'33"W	2635.87'
L2	N89°38'32"E	2635.65'
L3	N89°39'09"E	1724.04'
L4	S00°03'30"W	2642.03'
L5	N89°44'49"E	922.32'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L6	S00°04'58"W	2632.92'
L7	S89°42'48"W	2599.08'
L8	S89°42'07"W	2644.17'
L9	N00°20'31"W	2634.95'

 SERVICE TERRITORY BOUNDARY
 RANGE LINE
 SECTION LINE
 RIGHT OF WAY LINE

NOTES

BEARINGS AS SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, (NAD 83, 2007 ADJUSTMENT). THIS SURVEYOR HAS NOT MADE A SEARCH OF THE PUBLIC RECORDS FOR EASEMENTS, RESTRICTIONS, RESERVATIONS AND/OR RIGHT OF WAYS. THIS SKETCH IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY. NO CORNERS WERE SET AS A PART OF THIS SKETCH.

REQUESTED BY: GRENELEFE RESORT DEVELOPMENT, LLC

SERVICE AREA ADDED 1

DATE OF SKETCH	8/5/2024	REVISIONS	
SCALE	1" = 1200'	REVISED	8/7/2024
F.B.	PAGE		
SECTIONS	6 & 7		
TWP.	28 S., RNG. 28 E.		
JOB NO.	24-048A	SHEET 1 OF 2	

JOHNSTON'S
 SURVEYING INC.
 900 Cross Prairie Parkway, Kissimmee, Florida 34744
 Tel. (407) 847-2179 Fax (407) 847-6140



8/7/2024

RICHARD D. BROWN, P.S.M. #5700 (DATE)
 NOTE: NOT VALID WITHOUT RAISED SURVEYOR'S SEAL.

SKETCH OF DESCRIPTION

NC REAL ESTATE PROJECTS, LLC

d/b/a GRENELEFE UTILITY

LEGAL DESCRIPTION

A parcel of land being a portion of Sections 7, 8, 17 and 18, Township 28 South, Range 28 South, Polk County, Florida, being more particularly described as follows:

Begin at the Southwest corner of the Southeast ¼ of Section 7, Township 28 South, Range 28 East, Polk County, Florida; thence N00°35'24"W, along the West line of the Southeast ¼ of said Section 7, a distance of 496.96 feet; thence departing said West line, run N89°35'20"E, a distance of 2,577.77 feet to a point on the East line of said Section 7; thence departing said East line, run N89°57'54"E, a distance of 961.80 feet a point on the West Right of Way line of West Lake Marion Road, said point also being a Point on a Non-Tangent Curve, Concave to the Northeast, having a Radius of 612.96 feet and a Central Angle of 58°10'16"; thence the following two (2) courses and distances along said West Right of Way line: run Southeasterly along the arc of said curve, a distance of 622.32 feet (Chord Bearing = S36°27'13"E, Chord = 595.94 feet) to a Point on a Non-Tangent Curve, Concave to the North, having a Radius of 613.27 feet and a Central Angle of 09°24'43"; thence run Easterly along the arc of said curve, a distance of 100.74 feet (Chord Bearing = S70°13'35"E, Chord = 100.63 feet) to a point on the East line of the West ½ of the Northwest ¼ of Section 17, Township 28 South, Range 28 East, Polk County, Florida, said point also being a Point of Non Tangency; thence departing said West Right of Way line, run S01°53'45"E, along said East line, a distance of 2,576.23 feet to a point on the South line of the West ½ of the Northwest ¼ of said Section 17; thence departing said West line, run N89°11'18"W, along said South line, a distance of 1,329.53 feet to the Southeast corner of the Northeast ¼ of Section 18, Township 28 South, Range 28 East, Polk County, Florida; thence S89°05'29"W, along said South line, a distance of 2,721.89 feet to the Southwest corner of the Northeast ¼ of said Section 18; thence departing said South line, run N00°23'07"W, along the West line of the Northeast ¼ of said Section 18, a distance of 2,596.57 feet to the Point of Beginning.

Containing 279.98 acres, more or less.

- ABBREVIATIONS/LEGEND**
- SEC. SECTION
 - TWP. TOWNSHIP
 - RNG. RANGE
 - S. SOUTH
 - E. EAST
 - O.R.B. OFFICIAL RECORDS BOOK
 - PGS. PAGES
 - TEMP. TEMPORARY
 - NO./# NUMBER
 - DESCRIPTIVE POINT
 - P.S.M. PROFESSIONAL SURVEYOR & MAPPER
 - R RADIUS
 - L LENGTH
 - CB CHORD BEARING
 - CD CHORD DISTANCE
 - Δ CENTRAL ANGLE
 - PC POINT OF CURVATURE
 - PT POINT OF TANGENCY
 - NT NON TANGENT
 - PRC POINT OF REVERSE CURVE
 - PCC POINT OF COMPOUND CURVE

CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHD. BEARING	CHORD LENGTH
C1	612.96'	58°10'16"	622.32'	S36°27'13"E	595.94'
C2	613.27'	9°24'43"	100.74'	S70°13'35"E	100.63'

- SERVICE TERRITORY BOUNDARY
- RANGE LINE
- SECTION LINE
- RIGHT OF WAY LINE
- APPROXIMATE WATER LINE

NOTES

BEARINGS AS SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, (NAD 83, 2007 ADJUSTMENT). THIS SURVEYOR HAS NOT MADE A SEARCH OF THE PUBLIC RECORDS FOR EASEMENTS, RESTRICTIONS, RESERVATIONS AND/OR RIGHT OF WAYS. THIS SKETCH IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY. NO CORNERS WERE SET AS A PART OF THIS SKETCH.

REQUESTED BY: GRENELEFE RESORT DEVELOPMENT, LLC

SERVICE AREA ADDED 2

DATE OF SKETCH	8/5/2024	REVISIONS	
SCALE	1" = 1200'	REVISED	8/7/2024
F.B.	PAGE		
SECTIONS	7, 8, 17 & 18		
TWP.	28 S., RNG. 28 E.		
JOB NO.	24-048A	SHEET 1 OF 2	

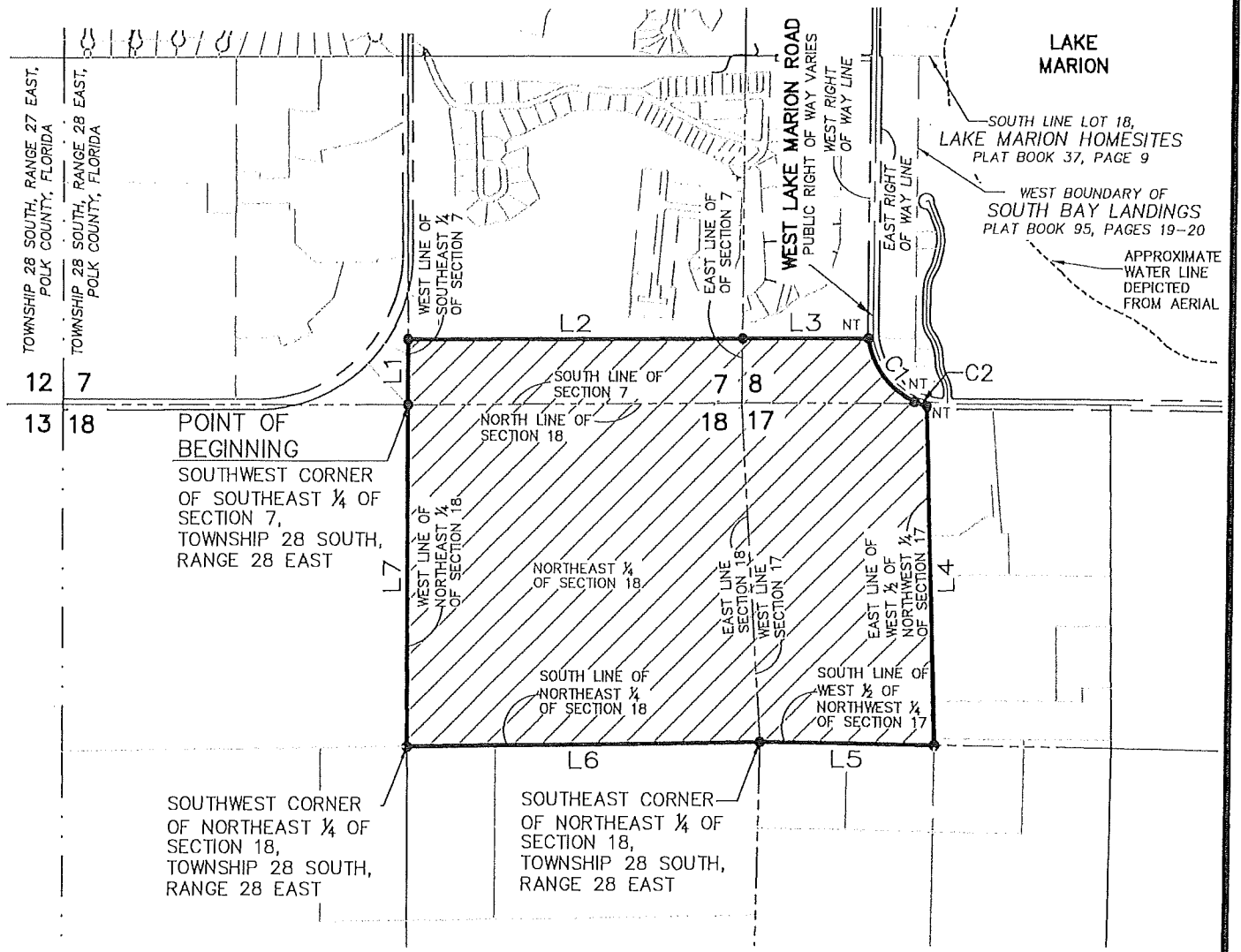
JOHNSTON'S
SURVEYING INC.
800 Cross Prairie Parkway, Kissimmee, Florida 34744
Tel. (407) 847-2179 Fax (407) 847-6140

8/7/2024

RICHARD D. BROWN, P.S.M. #5700 (DATE)
NOTE: NOT VALID WITHOUT RAISED SURVEYOR'S SEAL.

SKETCH OF DESCRIPTION

NC REAL ESTATE PROJECTS, LLC d/b/a GRENELEFE UTILITY



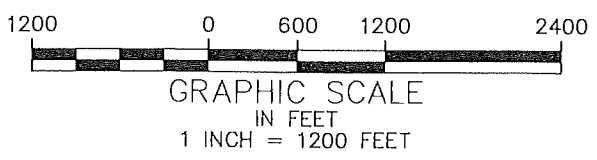
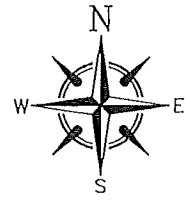
POINT OF BEGINNING
SOUTHWEST CORNER OF SOUTHEAST 1/4 OF SECTION 7, TOWNSHIP 28 SOUTH, RANGE 28 EAST

SOUTHWEST CORNER OF NORTHEAST 1/4 OF SECTION 18, TOWNSHIP 28 SOUTH, RANGE 28 EAST

SOUTHEAST CORNER OF NORTHEAST 1/4 OF SECTION 18, TOWNSHIP 28 SOUTH, RANGE 28 EAST

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N00°35'24"W	496.96'
L2	N89°35'20"E	2577.77'
L3	N89°57'54"E	961.80'
L4	S01°53'45"E	2576.23'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L5	N89°11'18"W	1329.53'
L6	S89°05'29"W	2721.89'
L7	N00°23'07"W	2596.57'



C:\Users\p\Documents\Projects\Girenelefe\Girenelefe\Girenelefe - SERVICE AREA MP.dwg 8/13/2024 12:33 PM, DWG Files



CALL 811
BEFORE YOU DIG
FOR THE LAKE
811
CALL 811
FOR THE LAKE

LOCATION MAP

PROPERTY BOUNDARY
SERVICE TO BE ADDED
EXISTING SERVICE AREA

LEGEND

0 500 1000
ft

APPROVAL STAMP

TRACT ENGINEERING
FROM CONCEPTUAL TO COMPLETION

10000 W. UNIVERSITY BLVD.
SUITE 100
ORLANDO, FL 32837
(407) 261-1111

SHEET TITLE
UTILITY SERVICE AREA

GIRENELEFE CDD
POLK COUNTY, FL

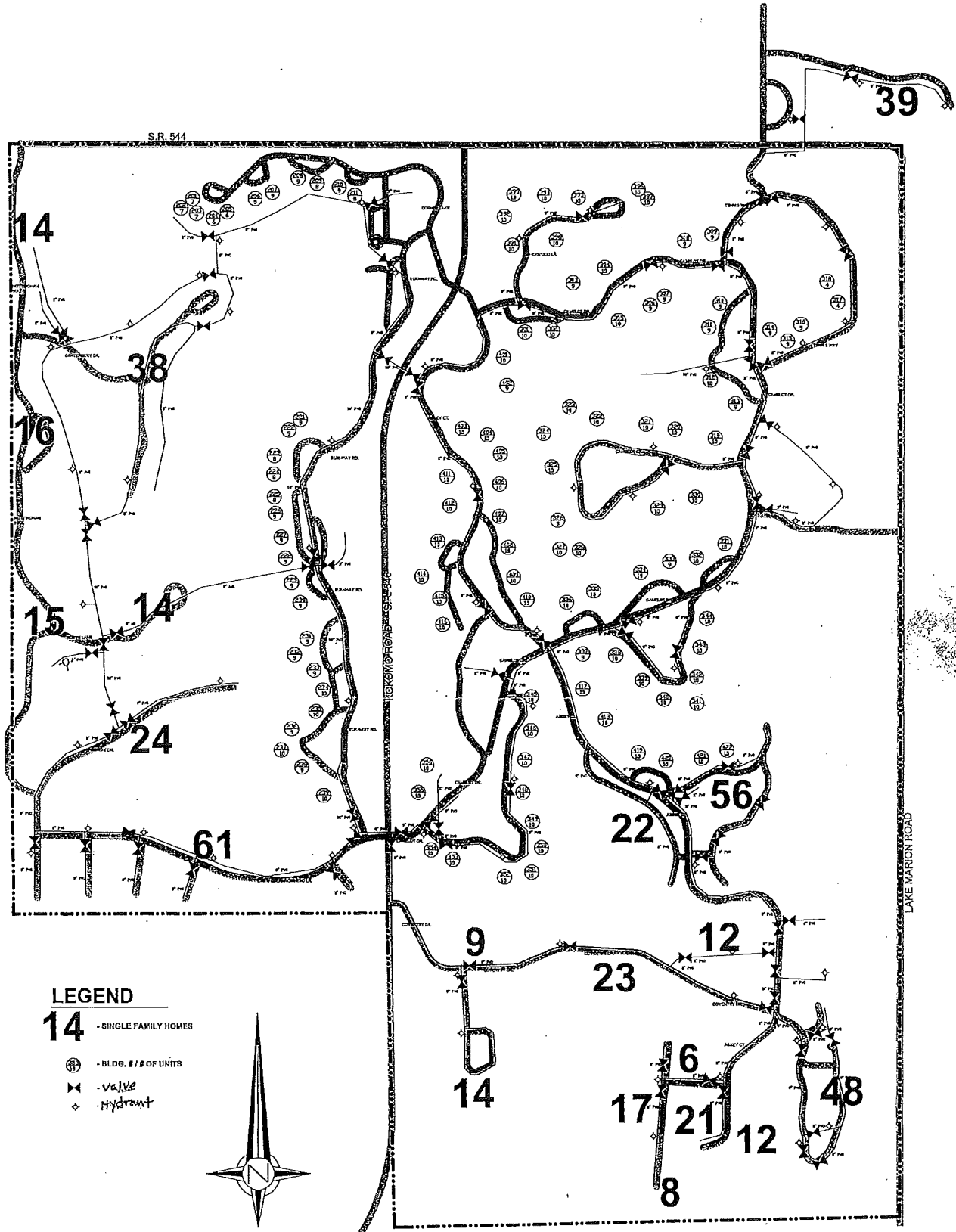
DAVID P. KOVACS, P.E.

DATE	BY	REVISIONS
8/13/24	DF	ORIGIN RELEASE

This item has been digitally signed and sealed by David P. Kovacs on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

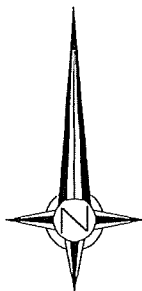
EXHIBIT E

Detail System Map



LEGEND

- 14** - SINGLE FAMILY HOMES
- BLDG. #/# OF UNITS
- valve
- Hydrant



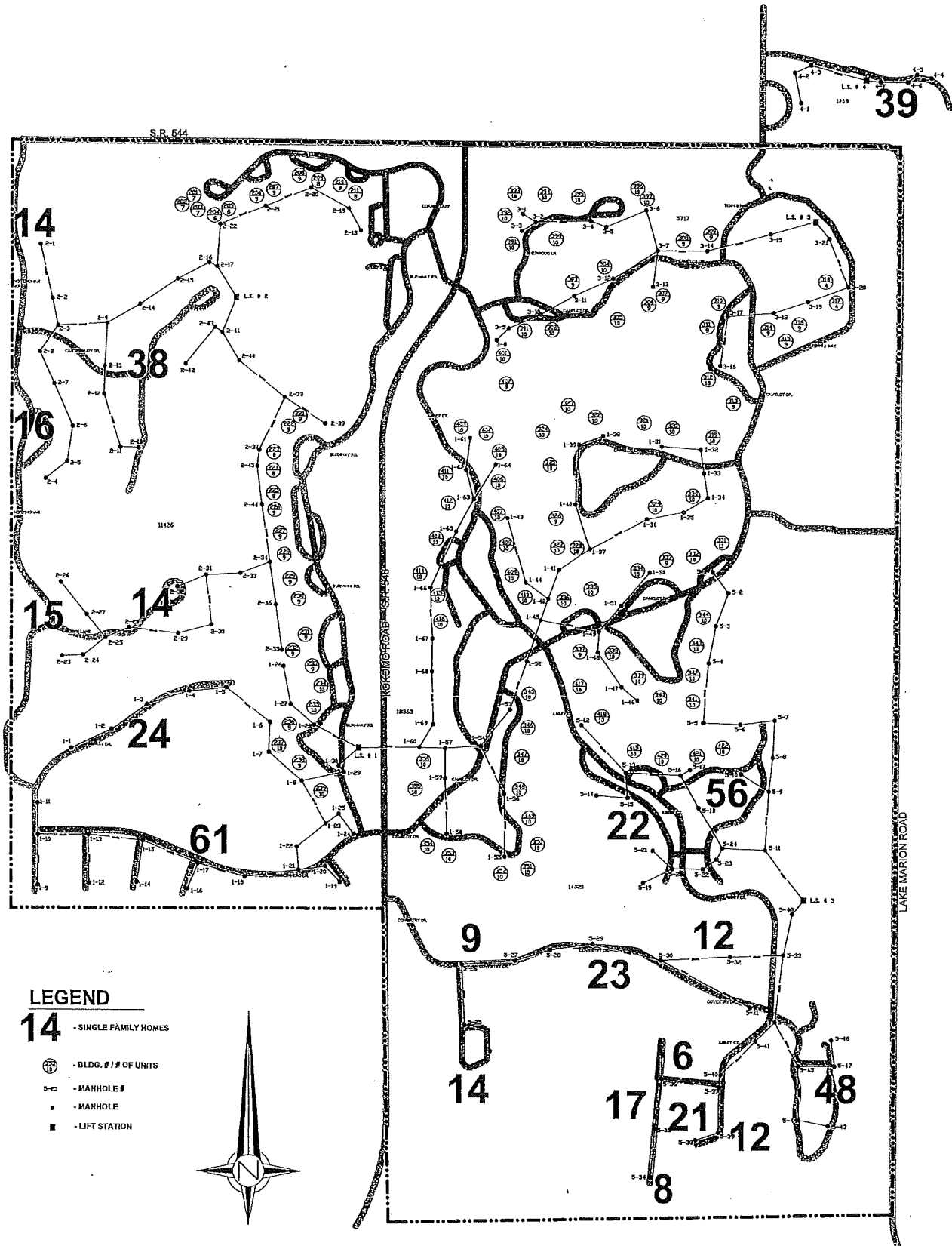
GRAPHIC SCALE



- 2" PVC = 3954 LF.
- 4" PVC = 1451 LF.
- 6" PVC = 12697 LF.
- 8" PVC = 46346 LF.
- 10" PVC = 4272 LF.

Exhibit E, Page 2 of 3

	J.C.	Drawn	<h2 style="margin: 0;">POTABLE WATER PLAN</h2> <p style="margin: 0; font-size: 10px;">GRENELEFE RESORT AND COUNTRY CLUB RUDY ARCEO, PROJECT MANAGER, GRENELEFE UTILITIES</p>	<p style="margin: 0; font-size: 8px;">SHEFFIELD ENGINEERING & ASSOCIATES 4322 ANDERSON ROAD, ORLANDO, FL 32812 M. P. BAHOR, P.E. - PRESIDENT, PH. 407-658-0512 CIVIL AND ENVIRONMENTAL ENGINEERING SERVICES</p>	RICHARD TAYLOR, P.E. NO. 54915	DATE
	K.P.B.	Checked				
	1"=200'	Scale				
	6/11/04	Date				
04112	Title					



LEGEND

- 14** - SINGLE FAMILY HOMES
- BLDG. # / # OF UNITS
- MANHOLE #
- MANHOLE
- LIFT STATION

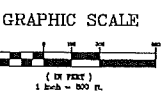
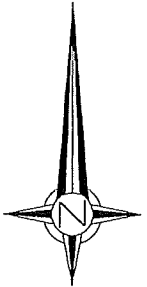


Exhibit E, Page 3 of 3

SS	Fig. No.	J.C.	Drawn
		H.P.R.	Checked
		1"=200'	Scale
		5/11/04	Date
		04112	File

SANITARY SEWER PLAN
 GRENELEFE RESORT AND COUNTRY CLUB
 RUBY ARCED, PROJECT MANAGER, GRENELEFE UTILITIES

SHEFFIELD ENGINEERING & ASSOCIATES
 4322 ANDERSON ROAD, ORLANDO, FL 32812
 M. P. BAHOR, P.E. - PRESIDENT, PH. 407-658-0512
 CIVIL AND ENVIRONMENTAL ENGINEERING SERVICES

MICHAEL TAHER, P.E. INU 51515	DATE
Date	Description

EXHIBIT F

Statement

Capacity of Existing Water and Wastewater Lines

Water distribution and wastewater collection facilities were designed and constructed in order to meet the needs of the existing Grenelefe service territory, including the area of the Grenelefe DRI that is outside the existing PSC approved territory. Those lines are in place and all in current use. All of those lines have the capacity to serve those areas of development through buildout.

The facilities to be constructed within “The Groves at Lake Marion” portion of this extension application have not yet been designed; however, when they are designed and constructed, they will be constructed in order to provide service to all facilities constructed within that area to buildout.

Capacity of Existing Treatment Facilities

1. Water. The Utility currently operates two potable water wells and several additional irrigation wells in order to provide service to the existing Grenelefe service territory and those areas outside of the existing service territory which are within the Grenelefe development. Each potable well has a capacity of over 1.5 MGD and are adequate to provide service to the Grenelefe territory both inside and outside of the currently approved FPSC service territory as well as to The Groves at Lake Marion extension area to buildout for the near future. If and when additional capacity is necessitated, it will require only the potential addition of an additional well or two. The utility treatment system incorporates aeration by carbon filtration and chlorination of water at the well sites.
2. Wastewater. For wastewater service, the Utility currently operates an extended aeration treatment plant with a permitted capacity of 340,000 GPD annual average daily flow with effluent disposal through percolation ponds. The current average annual daily flow through these treatment facilities is 138,578 gallons per day average annual daily flow. As such, the Utility has substantial capacity to meet the immediate needs of both its existing service territory and the expanded service territory for the immediate future. However, the Utility does anticipate that in order to comply with upcoming changes in DEP regulations, the Utility will have to invest in additional treatment facilities in the near future.

This current treatment facility will also be expanded as needed in order to meet the needs for expansion of capacity to meet future demand. The Utility currently anticipates that the first phase of expansion will be undertaken at the same time as the needed construction of facilities in order to comply with new DEP treatment standards, that the treatment facility, as currently configured, cannot meet. These anticipated construction and expansion are expected to be undertaken within the next two years.

EXHIBIT G

Current Permits



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

ELECTRONIC DELIVERY

In the Matter of an
Application for Permit by:

NC Real Estate Projects, LLC
Mr. Jason Cox, Managing Member
110 Wades Way, Unit 134
Mooresville, NC 28117
ndjasoncox@gmail.com

File Number FLA013016-009-DW2P/NR
Polk County
Greenelefe Resort WWTF

Enclosed is Permit Number FLA013016 to operate the Greenelefe Resort Center, 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, or via electronic correspondence at 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 must be filed within 30 days after this order is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Temple Terrace, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

A handwritten signature in black ink, appearing to read "Shannon Herbon", is written over a horizontal line.

for Shannon Herbon
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

Grenelefe Resort Center
FLA013016-009-DW2P/NR
Page 2

Attachment(s):

1. Permit No. FLA013016
2. Discharge Monitoring Reports- FLA013016
3. Statement of Basis- FLA013016
4. Administrative Order AO-037SWD22

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:

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

November 16, 2022

Date



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
NC Real Estate Projects, LLC

RESPONSIBLE OFFICIAL:
Mr. Jason Cox, Managing Member
110 Wades Way, Unit 134
 Mooresville, NC 28117
(704) 996-4543
ndjasoncox@gmail.com

PERMIT NUMBER: FLA013016
FILE NUMBER: FLA013016-009-DW2P/NR
ISSUANCE DATE: November 16, 2022
EFFECTIVE DATE: November 16, 2022
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 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.

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.

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 18 of this permit.

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. 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			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	0.340 Report	Annual Average Monthly Average	5 Days/Week	Flow Meter	FLW-01	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max	20.0 30.0 60.0	Annual Average Monthly Average Single Sample	Every 2 weeks	8-hr FPC	EFA-01	
Solids, Total Suspended	mg/L	Max Max Max	20.0 30.0 60.0	Annual Average Monthly Average Single Sample	Every 2 weeks	8-hr FPC	EFA-01	
Coliform, Fecal	#/100mL	Max Max	200 800	Annual Average 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 (Interim)	mg/L	Max	Report	Annual Average	Calculated	8-hr FPC	EFA-01	See I.A.6
Nitrogen, Total (Final)	mg/L	Max	10	Annual Average	Monthly	8-hr FPC	EFA-01	See I.A.5 & I.A.6
Phosphorus, Total (as P) (Interim)	mg/L	Max	Report	Single Sample	Monthly	8-hr FPC	EFA-01	See I.A.6
Phosphorus, Total (as P) (Final)	mg/L	Max	6	Single Sample	Monthly	8-hr FPC	EFA-01	See I.A.5 & I.A.6

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

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

3. A flow meter shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
4. 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)(e) and (6)(b)]
5. The Department first adopted the Lake Okeechobee Basin Management Action Plan (BMAP) in December 2014 and the plan became effective in January 2020. In accordance with Table 19 of the BMAP, for this

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

facility, with a public-access reuse system located in the BMAP area, a reduction of TN to less than 10.0 mg/l, and a reduction of TP to less than 6.0 mg/L is required. [62-600.650(3), F.A.C.]

6. Monitoring for total nitrogen (TN) total phosphorus (TP) are required, as allowed by Rule 62-600.650(3), F.A.C., to evaluate impacts of reclaimed water to ground and surface water in an impaired water basin. This facility is located in the Lake Okeechobee watershed. [62-600.650(3), F.A.C.]

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 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;

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

- 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 th 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)]

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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 shall submit an annual report regarding transactions or allocations of costs and expenditures on pollution and 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 permittee's collection system action plan once Rule 62-600.705, F.A.C., becomes effective. The report shall be electronically submitted to the district office no later than June 30 of each calendar year. *[62-600.700(4)]*
11. 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

[62-620.305]
12. 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)]*

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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)1]

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

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

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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:

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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)]*

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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 the RIB shall be limited to 5.44 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The RIBs normally shall be loaded for 1 to 7 days and shall be rested for 5 to 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)]

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)]

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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: Grenelefe Resort WWTF

PERMIT NUMBER: FLA013016-009-DW2P/NR

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.

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

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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)]

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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)]*

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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 submitted after (effective date of rule), 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),

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

- (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.
 - (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

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

PERMIT NUMBER: FLA013016-009-DW2P/NR

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 Temple Terrace, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



for Shannon Herbon
Program 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, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926, swd_dw@floridadep.gov

PERMITTEE NAME: NC Real Estate Projects, LLC
 MAILING ADDRESS: 110 Wades Way, Unit 134
 Mooresville, NC 28117

PERMIT NUMBER: FLA013016-009-DW2P/NR

FACILITY: Grenlecfe Resort WWTF
 LOCATION: 4501 Abbey Court
 Haines City, FL 33844-9720

LIMIT: Interim
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: RIB, including Influent

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Polk
 OFFICE: Southwest District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement							
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement	0.340 (An.Avg.)	MGD				5 Days/Week	Flow Meter
Flow	Sample Measurement							
PARM Code 50050 I 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: Grenelefe Resort WWTF

MONITORING GROUP R-001
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: Department of Environmental Protection, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926, swd_dw@floridaden.gov

PERMITTEE NAME: NC Real Estate Projects, LLC
 MAILING ADDRESS: 110 Wades Way, Unit 134
 Mooresville, NC 28117

PERMIT NUMBER: FLA013016-009-DW2P/NR

FACILITY: Grenelefe Resort WWTF
 LOCATION: 4501 Abbey Court
 Haines City, FL 33844-9720

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: RIB, including Influent
 RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD _____ To: _____

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Polk

OFFICE: Southwest District

From:

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement							
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement	0.340 (An.Avg.)	MGD				5 Days/Week	Flow Meter
Flow	Sample Measurement							
PARM Code 50050 I Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Metr
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: Grenelefe Resort WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA013016-009-DW2P/NR

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
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA013016-009-DW2P/NR

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C (Influent) PARM Code 80082 G Mon. Site No. INF-01	Sample Measurement							
	Permit Requirement			Report (Max.)	mg/L		Monthly	8-hr FPC
Solids, Total Suspended (Influent) PARM Code 00530 G Mon. Site No. INF-01	Sample Measurement							
	Permit Requirement			Report (Max.)	mg/L		Monthly	8-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: Department of Environmental Protection, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-926

PERMITTEE NAME: NC Real Estate Projects, LLC
 MAILING ADDRESS: 110 Wades Way, Unit 134
 Mooresville, NC 28117

PERMIT NUMBER: FLA013016-009-DW2P/NR

FACILITY: Grenelefe Resort WWTF
 LOCATION: 4501 Abbey Court
 Haines City, FL 33844-9720

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: RMP-Q
 MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Polk
 OFFICE: Southwest District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 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, 13051 N Telecom Pkwy, Suite 101, Temple Terrace, FL 33637-0926. swd_dw@floridadep.gov

PERMITTEE NAME: NC Real Estate Projects, LLC
 MAILING ADDRESS: 110 Wades Way, Unit 134
 Mooresville, NC 28117

PERMIT NUMBER:

FLA013016-009-DW2P/NR

FACILITY: Grenelefe Resort WWTF
 LOCATION: 4501 Abbey Court
 Haines City, FL 33844-9720

LIMIT:
 CLASS SIZE:
 MONITORING GROUP NUMBER:
 MONITORING GROUP DESCRIPTION:
 RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING NOT REQUIRED:*
 MONITORING PERIOD From: _____ To: _____

Final
 N/A
 RWS-A
 Annual Reclaimed Water or Effluent Analysis

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

COUNTY: Polk
 OFFICE: Southwest District

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort WWTF

MONITORING GROUP RWS-A
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort WWTF

MONITORING GROUP RWS-A
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA013016-009-DW2P/NR

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: Grenelefe Resort WWTF

MONITORING GROUP RWS-A

PERMIT NUMBER: FLA013016-009-DW2P/NR

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) PARM Code 03821 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene (GWS = 700) PARM Code 34371 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
Monochlorobenzene (GWS = 100) PARM Code 34031 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene (GWS = 600) PARM Code 34536 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene (GWS = 75) PARM Code 34571 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
Styrene, Total (GWS = 100) PARM Code 77128 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
Tetrachloroethylene (GWS = 3) PARM Code 34475 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
Toluene (GWS = 1,000) PARM Code 34010 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
1,2-trans-dichloroethylene (GWS = 100) PARM Code 34546 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene (GWS = 3) PARM Code 39180 P Mon. Site No. RWS-A	Sample Measurement							
	Permit Requirement			Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort WWTF

MONITORING GROUP RWS-A

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenellefe Resort WWTF

MONITORING GROUP RWS-A

PERMIT NUMBER: FLA013016-009-DW2P/NR

NUMBER:

MONITORING PERIOD From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort WWTF

MONITORING GROUP RWS-A
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort WWTF

MONITORING GROUP RWS-A
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Grenelefe Resort WWTF

MONITORING GROUP RWS-A
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA013016-009-DW2P/NR

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

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA013016-009-DW2P/NR Facility: Greenelefe Resort WWTF
 Monitoring Period From: _____ To: _____

	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											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
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: Grenelefe Resort WWTF
 Permit Number: FLA013016-009-DW2P/NR
 County: Polk

Monitoring Well ID: MWB-01
 Well Type: Background
 Description: Background Well
 JMWB-1 (15048)

Report Frequency: Quarterly
 Program: Domestic

Office: Southwest District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

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: Grenelefe Resort WWTF
 Permit Number: FLA013016-009-DW2P/NR
 County: Polk

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

Report Frequency: Quarterly
 Program: Domestic

Office: Southwest District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

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				

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: Grenelefe Resort WWTF
 Permit Number: FLA013016-009-DW2P/NR
 County: Polk

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

Report Frequency: Quarterly
 Program: Domestic

Office: Southwest District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

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				

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: Grenelefe Resort WWTF
 Permit Number: FLA013016-009-DW2P/NR
 County: Polk

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

Report Frequency: Quarterly
 Program: Domestic

Office: Southwest District

Re-submitted DMR:

Monitoring Period From: _____ To: _____

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				

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):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

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

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

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

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

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

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

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

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

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

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

PERMIT NUMBER: FLA013016-009-DW2P/NR
FACILITY NAME: Grenelefe Resort WWTF
FACILITY LOCATION: 4501 Abbey Court, Haines City, FL 33844-9720
Polk County
NAME OF PERMITTEE: NC Real Estate Projects, LLC
PERMIT WRITER: Micah Minaberry

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA013016-009-DW2P/NR
Application Submittal Date: September 13, 2022

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:	0.00 mgd Three Month Average Daily Flow
Proposed Total Permitted Capacity:	0.34 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)

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.

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	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
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
		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
		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
		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	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	3-Month Rolling Average	62-600.700(2)(b) FAC
		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

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
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, R-001 land application system is located in the 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 R-001 in permit condition I.A.1. in order to provide reasonable assurance that the discharge to ground waters will not cause or contribute to nutrient impairment in the basin.

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The following changes were made to the renewed permit:

- a. A limit of 10.0 milligrams per liter (mg/l) is included for Total Nitrogen (as N) and a limit of 6.0 milligrams per liter (mg/l) is included for Total Phosphorus (as P) as required by the Final Lake Okeechobee Basin Management Action Plan (BMAP) which became effective in January 2020.
- a. Requirement for re-classification of the facility per Rule 62-699.310(1)(2)(a)1. FAC, when the necessary facility upgrades/modifications to meet the TN limit is completed as included in permit condition V.A.1.II.

6. 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, 601, 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 Grenelefe Resort WWTF is land applying effluent to a rapid infiltration basin located in the Lake Okechobee 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 Intent to Issue	September 2022
Notice of Permit Issuance	October 2022

14. DEP CONTACT

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

Micah Minaberry
Southwest District Office
13051 N Telecom Pkwy, Suite 101
Temple Terrace, FL 33637-0926
Telephone No.: 813-470-5861
Micah.Minaberry@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

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..5 & 1.A.6
Phosphorus, Total (As P) (Final Limit)	mg/L	Max	6.0	Annual Average	Monthly	Grab	EFA-01	See I.Error! Referen ee source not found..5 & 1.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.1.11 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
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.

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, 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.

Catherine Lemonius
Name

November 16, 2022
Date

Copies furnished to:

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



An Equal Opportunity Employer

Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
WaterMatters.org

Bartow Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Office
78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Office
7601 U.S. 301 North (Fort King Highway)
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

February 28, 2023

Grenelefe Resort Development, LLC / Attn: Frederick Scott House
3425 Turnberry Dr.
Lakeland, FL 33803

Subject: Notice of Intended Agency Action Letter - Approval
Letter Modification
Water Use Permit No.: 20005251.011
Project Name: Grenelefe Irrigation
County: Polk

Dear Permittee:

The Southwest Florida Water Management District (District) has completed its review of the application for Water Use Permit No. 20005251.011. Based upon a review of the information you have submitted, the District hereby gives notice of its intended approval of the application.

The File of Record associated with this application can be viewed at <http://www18.swfwmd.state.fl.us/search/search/searchwupsimple.aspx> and is also available for inspection Monday through Friday, except for District holidays, from 8:00 a.m. through 5:00 p.m. at the District's Tampa Service Office, 7601 U.S. Highway 301 North, Tampa, Florida 33637.

If you have any questions or concerns regarding your permit or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin Herbst
Bureau Chief
Water Use Permit Bureau
Regulation Division



An Equal Opportunity Employer

Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

TDD only: 1-800-231-6103 (FL only)

On the Internet at WaterMatters.org

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

February 28, 2023

Grenelefe Resort Development, LLC / Attn: Frederick Scott House
3425 Turnberry Dr.
Lakeland, FL 33803

Subject: **Notice of Agency Action - Approval**
Letter Modification
Water Use Permit No.: 20005251.011
Project Name: Grenelefe Irrigation
County: Polk

Dear Permittee:

The Southwest Florida Water Management District (District) is in receipt of your application for Water Use Permit No. 20005251.011. Based upon a review of the information you submitted, the permit is approved. Please refer to the attached Notice of Rights to determine any legal rights you may have concerning the District's agency action on the petition described in this letter. The specific modifications are listed in Attachment A and are considered a part of your Water Use Permit.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notices of agency action, as well as a noticing form that can be used, are available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publication provided by the newspaper should be sent to the District's Tampa Service Office for retention in this permit's File of Record.

Please be advised that the Governing Board has formulated a water shortage plan referenced in a Standard Water Use Permit Condition (Exhibit A) of your permit, and will implement such a plan during periods of water shortage. You will be notified during a declared water shortage of any change in the conditions of your Permit or any suspension of your Permit, or of any restrictions on your use of water for the duration of the declared water shortage. Please further note that water conservation is a condition of your Permit and should be practiced at all times.

If you have any questions or concerns regarding your permit or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin Herbst
Bureau Chief
Water Use Permit Bureau
Regulation Division

Enclosures: Attachment A
Notice of Rights
Previous Permit

LETTER MODIFICATION
Water Use Permit No: 20005251.011
Attachment A

MODIFICATIONS

The following constitutes modifications to the terms and conditions of Water Use Permit No. 20005251.011, effective February 28, 2023. This modification removes District ID (DID) No.'s 6, 10, and 24 from the permit along with associated quantities.

1. Total quantities authorized by this permit have decreased due to the removal of DID's 6, 10, and 24. The annual average quantity will decrease from 963,100 gallons per day (gpd) to 485,600 gpd, the peak month quantity will decrease from 2,094,600 gpd to 1,473,800 gpd and the drought annual average quantity will decrease from 1,028,600 gpd to 551,100 gpd.

District ID/ Permittee ID	Withdrawal Function	Withdrawal Type	Annual Average Quantity (gpd)	Drought Annual Average Quantity(gpd)	Peak Month Quantity (gpd)
3 / 3	Irrigation	Groundwater	222,500	259,500	753,500
4 / 4	Irrigation	Groundwater	222,500	259,500	753,500
7 / 7	Irrigation	Groundwater	222,500	259,500	753,500
9 / 9	Irrigation	Groundwater	222,500	259,500	753,500
11 / 11	Irrigation	Groundwater	263,100	291,600	720,300
12 / 12	Irrigation	Groundwater	263,100	291,600	720,300
13 / 13	Irrigation	Groundwater	263,100	291,600	720,300
17 / 15	Irrigation	Groundwater	222,500	259,500	753,500
30 / 30		Monitor	0	0	0
31 / 31		Monitor	0	0	0
32 / 32		Monitor	0	0	0
33 / 33		Monitor	0	0	0

1. Special Condition Changes

- Special Condition No. 3 is hereby modified to this permit.
 - The annual average daily, peak month, and crop protection/maximum, if applicable, quantities for District ID Nos. 11, 12, and 13, Permittee ID Nos. 11, 12, and 13, (Group 1); and District ID Nos. 3, 4, 7, 9, and 17, Permittee ID Nos. 3, 4, 7, 9, and 15 (Group 2), shown in the withdrawal point quantity table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The

Permittee may make adjustments in pumpage distribution as necessary up to 263,100 gallons per day (gpd) on an annual average basis, up to 291,600 gpd on a drought annual average basis, and up to 720,300 gpd on a peak monthly basis, for the individual wells associated with Group 1; and the Permittee may make adjustments in pumpage distribution as necessary up to 222,500 gpd on an annual average basis, up to 259,500 gpd on a drought annual average basis, and up to 753,500 gpd on a peak monthly basis, for the individual wells associated with Group 2, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit. In all cases, the total annual average, drought annual average, and the total peak month withdrawals are limited to the quantities set forth above. (221)

- Special Condition No. 11 is hereby modified to this permit.
 - The Permittee shall immediately implement the District-approved lawn and landscape water conservation plan dated March 27, 2019 that was submitted in support of the application for this permit. Conservation measures that the Permittee has already implemented shall continue, and proposed conservation measures shall be implemented as proposed in the plan. Additional conservation measures that may be needed to reduce consumptive use are not precluded by the plan. Compliance with the annual average quantities shall be achieved within six months of permit issuance. During this period, progress reports on the implementation of water conservation practices and water savings that have been realized shall be submitted monthly, with reports due on the first of each month. A permit progress report on ongoing implementation of lawn and landscape water conservation practices shall also be submitted by August 1, 2024. (449)

- Special Condition No. 13 is hereby modified to this permit.
 - The permittee shall record the following information on the Irrigation Water Use Form that is supplied by the District for recreation/aesthetic/golf irrigation use for each permitted irrigation withdrawal point, District ID. No(s). 3, 4, 7, 9, 11, 12, 13, and 17, Permittee ID No(s). 3, 4, 7, 9, 11, 12, 13, and 15:
 1. Irrigated plant type,
 2. Total Acres per plant type,
 3. Acres shrubs and/or trees,
 4. Number of acres of trees and greens, and
 5. Dominant soil type or acres by dominant soil type.

- This information shall be submitted by March 1 of each year documenting irrigation for the previous calendar year. (475)

- Special Condition No. 14 for per capita water rate is deleted.

- Special Condition No. 16 for annual billing information is deleted.

- Special Condition No. 20 for water conserving rate structure is deleted.

- Special Condition No. 21 for public supply annual reports is deleted.

- Special Condition No. 22 is hereby modified to this permit.
 - The following withdrawal facilities shall continue to be maintained and operated with existing, non-resettable, totalizing flow meter(s) or other measuring device(s) as approved by the Water Use Permit Bureau Chief: District ID No(s). 3, 4, 7, 9, 11, 12, 13, and 17, Permittee ID No(s). 3, 4, 7, 9, 11, 12, 13, and 15. Monthly meter reading and reporting, as well as meter accuracy checks every five years shall be in accordance with instructions in Exhibit B, Metering Instructions, attached to and made part of this permit. (719)

- Special Condition No. 27 is hereby added to this permit.
 - The permittee shall develop and maintain an Annual Conservation Goal Implementation Plan (ACGIP) pursuant to section 2.7 of the CFWI Supplemental Applicant's Handbook for Consumptive Use Permitting. The ACGIP shall outline conservation goals for no less than 5 years. Agricultural permittees implementing BMPs in lieu of an ACGIP must maintain documentation supporting the enrollment and implementation of selected BMPs. The permittee shall submit the ACGIP upon request by the District, during a 10-year compliance report, and with an application for permit renewal or modification except for a public water supply permittee with an annual average daily quantity of 100,000 gpd or greater and whose commercial use equals or exceeds 30 percent of its total water use, shall report its progress toward achieving the conservation goals within the ACGIP annually. (92)

All other terms and conditions of this permit shall remain unchanged unless specifically modified by this Letter Modification, and this permit will expire on July 29, 2029.

Notice of Rights

Administrative Hearing

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28-106, F.A.C. A petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C., can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 US Hwy 301, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

Judicial Review

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.
2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.



Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

An Equal
Opportunity
Employer

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-636-0797 (FL only)

February 28, 2023

NC Real Estate Projects, LLC / Attn: Jason Cox
110 Wades Way Unit 314
Mooresville, NC 28117

Grenelefe Resort Development, LLC / Attn: Frederick Scott House
3425 Turnberry Dr.

Lakeland, FL 33803

Subject: Notice of Intended Agency Action Letter -- Approval
Water Use Permit No.: 20 021107.000
Project Name: Grenelefe Utility
County: Polk

Dear Sir/Madam:

The Southwest Florida Water Management District (District) has completed its review of the application for Water Use Permit No. 20 021107.000. Based upon a review of the information you have submitted, the District hereby gives notice of its intended approval of the application.

The File of Record associated with this application can be viewed at <http://www18.swfwmd.state.fl.us/Search/Search/SearchWupSimple.aspx> and is also available for inspection Monday through Friday, except for District holidays, from 8:00 a.m. through 5:00 p.m. at the District's Tampa Service Office, 7601 U.S. Highway 301 North, Tampa, Florida 33637.

If you have any questions or concerns regarding the application or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin W. Herbst, P.G.
Bureau Chief
Water Use Permit Bureau



An Equal
Opportunity
Employer

Southwest Florida Water Management District

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

February 28, 2023

NC Real Estate Projects, LLC / Attn: Jason Cox
110 Wades Way Unit 314
 Mooresville, NC 28117

Grenelefe Resort Development, LLC / Attn: Frederick Scott House
3425 Turnberry Dr.

Lakeland, FL 33803

Subject: **Notice of Agency Action -- Approval**
Water Use Permit No.: 20 021107.000
Project Name: Grenelefe Utility
County: Polk

Dear Sir/Madam:

The Southwest Florida Water Management District (District) is in receipt of your application for Water Use Permit No. 20 021107.000. Based upon a review of the information you submitted, the application is approved. A copy of the permit is enclosed for your records. Please refer to the attached Notice of Rights to determine any legal rights you may have concerning the District's agency action on the permit application described in this letter.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notices of agency action, as well as a noticing form that can be used, are available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publication provided by the newspaper should be sent to the District's Tampa Service Office for retention in this permit's File of Record.

Please be advised that the Governing Board has formulated a water shortage plan referenced in a Standard Water Use Permit Condition (Exhibit A) of your permit, and will implement such a plan during periods of water shortage. You will be notified during a declared water shortage of any change in the conditions of your Permit or any suspension of your Permit, or of any restriction on your use of water for the duration of any declared water shortage. Please further note that water conservation is a condition of your Permit and should be practiced at all times.

The ID tags for your withdrawals shall be installed by a District representative. This representative will attempt to contact you within 30 days to discuss placement of your tags. If you have any questions or concerns regarding your tags, please contact Latasha Murphy at extension 8633450756, in the Bartow Service Office. If you have any questions or concerns regarding your permit or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin W. Herbst, P.G.
Bureau Chief
Water Use Permit Bureau
Regulation Division

Encl: Permit
 Notice of Rights

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMIT
Individual
PERMIT NO. 20 021107.000

PERMIT ISSUE DATE: February 28, 2023

EXPIRATION DATE: August 11, 2029

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

TYPE OF APPLICATION: New

GRANTED TO: NC Real Estate Projects, LLC / Attn: Jason Cox
110 Wades Way Unit 314
 Mooresville, NC 28117

Grenelefe Resort Development, LLC / Attn: Frederick Scott House
3425 Turnberry Dr.

Lakeland, FL 33803

PROJECT NAME: Grenelefe Utility

WATER USE CAUTION AREA(S): SOUTHERN WATER USE CAUTION AREA

COUNTY: Polk

TOTAL QUANTITIES AUTHORIZED UNDER THIS PERMIT (in gallons per day)	
ANNUAL AVERAGE	477,500 gpd
PEAK MONTH ¹	620,800 gpd
DROUGHT ANNUAL AVERAGE ²	477,500 gpd

1. Peak Month: Average daily use during the highest water use month.
2. Drought Annual Average: Annual average limit when less than historical average rainfall if sufficient Water Conservation credits exist in the Permittee's account.

ABSTRACT:

This is a new water use permit for public supply use. Quantities are based on the projected population of 2,809 in the year 2030 at an adjusted gross per capita of 170. The annual average quantity will be 477,500 gallons per day (gpd) and the peak month quantity will be 620,800 gpd. The quantities come from a partial transfer from Water Use Permit 20005251.009. This permit is located in the Southern Water Use Caution Area (SWUCA). The Permittee does not currently use an alternative water supply source, but is required to submit a reclaimed water feasibility report upon District request.

Special Conditions include those that require the Permittee to record and report monthly meter readings, modify the permit to reflect incorporation of any new alternative sources of water, cap all withdrawals not in use, submit a public supply annual report, conduct meter accuracy testing every five years, and implement water conservation and best management practices.

WATER USE TABLE (in gpd)

<u>USE</u>	<u>ANNUAL AVERAGE</u>	<u>PEAK MONTH</u>	<u>DROUGHT ANNUAL AVERAGE</u>
Public Supply	477,500	620,800	477,500

USE TYPE

Residential Single Family

PUBLIC SUPPLY:

Population Served: 2,809
Per Capita Rate: 170 gpd/person

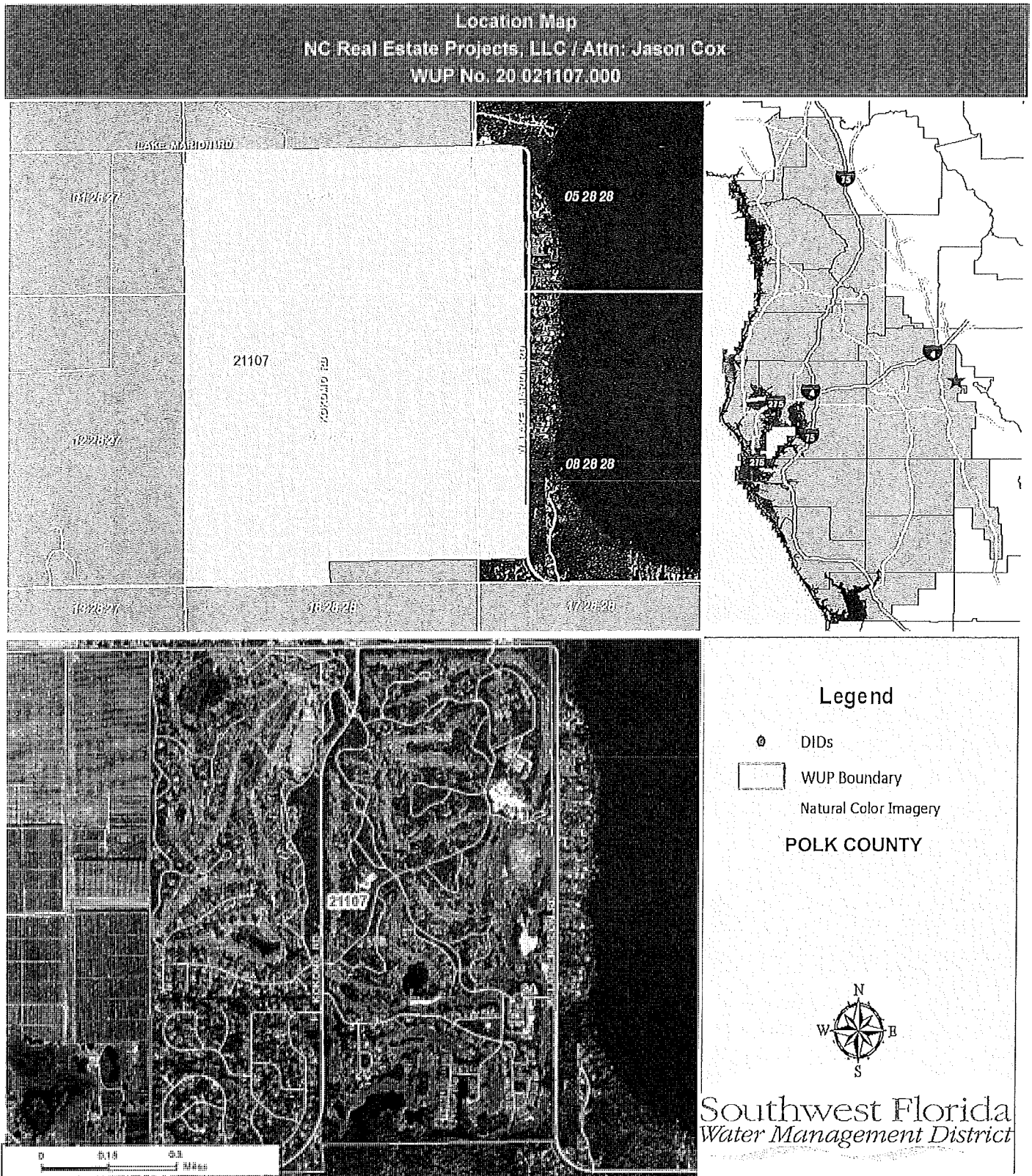
WITHDRAWAL POINT QUANTITY TABLE

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

<u>I.D. NO.</u> <u>PERMITTEE/</u> <u>DISTRICT</u>	<u>DIAM</u> <u>(in.)</u>	<u>DEPTH</u> <u>TTL./CSD.FT.</u> <u>(feet bls)</u>	<u>USE DESCRIPTION</u>	<u>AVERAGE</u> <u>(gpd)</u>	<u>PEAK</u> <u>MONTH</u> <u>(gpd)</u>
6 / 6	12	904 / 674	Public Supply	477,500	620,800
10 / 10	10	1,440 / 710	Public Supply	477,500	620,800

WITHDRAWAL POINT LOCATION TABLE

<u>DISTRICT I.D. NO.</u>	<u>LATITUDE/LONGITUDE</u>
6	28° 04' 23.71"/81° 32' 55.44"
10	28° 03' 53.28"/81° 33' 07.92"



STANDARD CONDITIONS:

The Permittee shall comply with the Standard Conditions attached hereto, incorporated herein by reference as Exhibit A and made a part hereof.

SPECIAL CONDITIONS:

1. All reports and data required by condition(s) of the permit shall be submitted to the District according to the due date(s) contained in the specific condition. If the condition specifies that a District-supplied form is to be used, the Permittee should use that form in order for their submission to be acknowledged in a timely manner. The only alternative to this requirement is to use the District Permit Information Center (www.swfwmd.state.fl.us/permits/epermitting/) to submit data, plans or reports online. There are instructions at the District website on how to register to set up an account to do so. If the report or data is received on or before the tenth day of the month following data collection, it shall be deemed as a timely submittal.

All mailed reports and data are to be sent to:

Southwest Florida Water Management District
Tampa Service Office, Water Use Permit Bureau
7601 U.S. Hwy. 301 North
Tampa, Florida 33637-6759

Submission of plans and reports: Unless submitted online or otherwise indicated in the special condition, the original and two copies of each plan and report, such as conservation plans, environmental analyses, aquifer test results, per capita annual reports, etc. are required.

Submission of data: Unless otherwise indicated in the special condition, an original (no copies) is required for data submittals such as crop report forms, meter readings and/or pumpage, rainfall, water level, evapotranspiration, or water quality data.

(499)

2. This permit shall be modified if an additional source of water is provided for public supply use from a separate entity. This includes additional Alternative Water Supply quantities and irrigation water for lawn/landscape and common areas. The Permittee shall notify the District of the additional water source and submit an application to modify the permit to acknowledge receipt.(68)
3.
 1. The permittee's per capita water use rate shall be monitored via the Annual Report that is required to be submitted by April 1 of each year for the term of the permit. permittees within the CFWI may use the "Public Supply Annual Report," referred to in section 2.7.3.1 of the CFWI Supplemental Applicant's Handbook as Design Aid 3, to assist with properly documenting the information that must be included in the Annual Report . At a minimum, the Annual Report must contain the following information:
 - 1.a. Calculation of the Alternative Per Capita Water Use Rate pursuant to section 2.7.3. All components of the Alternative Per Capita Water Use Rate equation are subject to the requirements set forth in section 2.7.3.1(A) of the CFWI Supplemental Applicant's Handbook.
 - 2.b. Documentation of each component of the Alternative Per Capita Water Use Rate equation , as applicable, pursuant to section 2.7.3.1(A) of the CFWI Supplemental Applicant's Handbook.
 - 3.c. A service area map or file showing the current utility service area. Any changes to the utility service area relative to the existing boundaries in the District's Geographic Information System (GIS) layer must be identified and documented.
 - 4.d. Residential water use, which consists of the indoor and outdoor water uses associated with each category of residential customer (single family units, multi-family units, and mobile homes), including irrigation uses, whether separately metered or not. The permittee shall document the methodology used to determine the number of dwelling units by type and the quantities used. Estimates of water use based upon meter size will not be accepted. If mobile homes are included in the permittees multi-family unit category, the information for them does not have to be separated. The information for each category shall include:
 - Number of dwelling units per category;
 - Number of domestic metered connections per category;
 - Number of metered irrigation connections;

- Annual average quantities in gallons per day provided to each category; and
- Percentage of the total residential water use provided apportioned to each category.

5.e. Non-residential water use, which consists of all quantities provided for use in a community not directly associated with places of residence. For each category below, the permittee shall include annual average gpd provided, the percent of total non-residential use quantities provided, and the number of metered connections:

- Industrial/commercial/institutional uses, including those associated lawn and landscape irrigation use;
- Agricultural uses (e.g., irrigation of a nursery);
- Recreation/Aesthetic, including irrigation (excluding golf courses) of common areas, stadiums, and school yards;
- Golf course irrigation;
- Firefighting, system testing and other accounted uses;
- K-through-12 schools that do not serve any of the service area population; and
- Water loss, defined as the difference between the output from the treatment plant and accounted residential water use (iv above), non-residential and estimated unmetered use (this section), and treatment losses.

6.f. A water audit report, if water losses are greater than 10% of the total distribution quantities. The water audit shall include: Evaluation of:

- 1.(1) leakage associated with transmission and distribution mains;
- 2.(2) overflow and leakage from storage tanks;
- 3.(3) leakage near service connections;
- 4.(4) illegal connections;
- 5.(5) description and explanations for excessive distribution line flushing (greater than 1% of the treated water volume delivered to the distribution system) for potability;
- 6.(6) fire suppression;
- 7.(7) un-metered system testing;
- 8.(8) under-registration of meter; and
- 9.(9) other discrepancies between the metered amount of finished water output from the treatment plant less the metered amounts used for residential and non-residential uses specified in Parts 4 and 5 above, and A schedule for a remedial action-plan to reduce water losses below 10%.

7.g. If the permittee cannot achieve the Public Supply Use Type Annual Conservation Goal according to the time frames included in section 2.7.3.1.C, the Annual Report shall include an explanation detailing why the per capita water use rate was not achieved and measures taken to comply with the Annual Conservation Goal.

2.3. In addition to the Annual Report required by section 2.7.3.1 of the CFWI Supplemental Applicant's Handbook, permittees in the Southern Water Use Caution Area and the Dover/Plant City Water Use Caution Area shall submit Parts D through E of the "Public Supply Annual Report For Individual Permits Over 100,000 GPD Annual Average Quantities Form" (Form No. LEG-R.103.00 (5/14)), and all required attachments, including the Public Supply Service Area General Information Form, by April 1 of each year.
(91)

4. The permittee shall develop and maintain an Annual Conservation Goal Implementation Plan (ACGIP) pursuant to section 2.7 of the CFWI Supplemental Applicant's Handbook for Consumptive Use Permitting. The ACGIP shall outline conservation goals for no less than 5 years. Agricultural permittees implementing BMPs in lieu of an ACGIP must maintain documentation supporting the enrollment and implementation of selected BMPs. The permittee shall submit the ACGIP upon request by the District, during a 10-year compliance report, and with an application for permit renewal or modification except for a public water supply permittee with an annual average daily quantity of 100,000 gpd or greater and whose commercial use equals or exceeds 30 percent of its total water use, shall report its progress toward achieving the conservation goals within the ACGIP annually.
(92)

5. The annual average daily, peak month, and crop protection/maximum, if applicable, quantities for District ID Nos. 6 and 10, Permittee ID Nos. 6 and 10, shown in the withdrawal point quantity table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 477,500 gallons per day on an annual average basis and up to 620,800 gallons per day on a peak month basis for the individual wells, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit. In all cases, the total annual average daily withdrawal and the total peak month daily withdrawal are limited to the quantities set forth above.(221)

6. Within 90 days of the replacement of any or all withdrawal quantities from ground water or surface water bodies with an Alternative Water Supply, the Permittee shall apply to modify this permit to place equal quantities of permitted withdrawals from the ground and/or surface water resource on standby. The standby quantities can be used in the event that some or all of the alternative source is not available.(363)
7. The Permittee shall immediately implement the District-approved water conservation plan dated June 25, 2019 that was submitted in support of the application for this permit. Conservation measures that the Permittee has already implemented shall continue, and proposed conservation measures shall be implemented as proposed in the plan. Progress reports on the implementation of water conservation practices indicated as proposed in the plan as well as achievements in water savings that have been realized from each water conservation practice shall be submitted August 1, 2024.(449)
8. Any wells not in use, and in which pumping equipment is not installed shall be capped or valved in a water tight manner in accordance with Chapter 62-532.500, F.A.C.(568)
9. Beginning January 1, 2012, the Permittee shall comply with the following requirements:
 - A. Customer billing period usage shall be placed on each utility-metered, customer's bill.
 - B. Meters shall be read and customers shall be billed no less frequently than bi-monthly.
 - C. The following information, as applicable to the customer, shall be provided at least once each calendar year and a summary of the provisions shall be provided to the District annually as described in Section D, below. The information shall be provided by postal mailings, bill inserts, online notices, on the bill or by other means. If billing units are not in gallons, a means to convert the units to gallons must be provided.
 1. To each utility-metered customer in each customer class - Information describing the rate structure and shall include any applicable:
 - a. Fixed and variable charges,
 - b. Minimum charges and the quantity of water covered by such charges,
 - c. Price block quantity thresholds and prices,
 - d. Seasonal rate information and the months to which they apply, and
 - e. Usage surcharges
 2. To each utility-metered single-family residential customer - Information that the customer can use to compare its water use relative to other single-family customers or to estimate an efficient use and that shall include one or more of the following:
 - a. The average or median single-family residential customer billing period water use calculated over the most recent three year period, or the most recent two year period if a three year period is not available to the utility. Data by billing period is preferred but not required.
 - b. A means to calculate an efficient billing period use based on the customer's characteristics, or
 - c. A means to calculate an efficient billing period use based on the service area's characteristics.
 - D. Annual Report: The following information shall be submitted to the District annually by October 1 of each year of the permit term to demonstrate compliance with the requirements above. The information shall be current as of the October 1 submittal date.
 1. Description of the current water rate structure (rate ordinance or tariff sheet) for potable and non-potable water.
 2. Description of the current customer billing and meter reading practices and any proposed changes to these practices (including a copy of a bill per A above).
 3. Description of the means the permittee uses to make their metered customers aware of rate structures, and how the permittee provides information their metered single-family residential customers can use to compare their water use relative to other single-family customers or estimate an efficient use (see C 1 & 2 above).
10. The Permittee shall comply with allocated irrigation quantities, which are determined by multiplying the total irrigated acres by the total allocated inches per acre per season per actual crop grown. If the allocated quantities are exceeded, upon request by the District, the Permittee shall submit a report that includes reasons why the allocated quantities were exceeded, measures taken to attempt to meet the allocated quantities, and a plan to bring the permit into compliance. The District will evaluate information submitted by Permittees who exceed their allocated quantities to determine whether the lack of achievement is justifiable and a variance is warranted. The report is subject to approval by the District; however, justification for exceeding the allowed withdrawal quantity does not constitute a

waiver of the District's authority to enforce the terms and conditions of the permit.(651)

11. This Permit is located within the Southern Water Use Caution Area (SWUCA). Pursuant to Section 373.0421, Florida Statutes, the SWUCA is subject to a minimum flows and levels recovery strategy, which became effective on January 1, 2007. The Governing Board may amend the recovery strategy, including amending applicable water use permitting rules based on an annual assessment of water resource criteria, cumulative water withdrawal impacts, and on a recurring five-year evaluation of the status of the recovery strategy up to the year 2025 as described in Chapter 40D-80, Florida Administrative Code. This Permit is subject to modification to comply with new rules.(652)
12. The Permittee shall maintain a water conserving rate structure for the duration of the permit term. Any changes to the water conserving rate structure described in the application shall be described in detail as a component of the next Annual Report on Water Rate, Billing and Meter Reading Practices of the year following the change.(659)
13. The Permittee shall submit a "Public Supply Annual Report" to the District by April 1 of each year on their water use during the preceding calendar year using the form, "Public Supply Water Use Annual Report Form" (Form No. LEG-R.103.00 (05/14)), referred to in this condition as "the Form," and all required attachments and documentation. The Permittee shall adhere to the "Annual Report Submittal Instructions" attached to and made part of this condition in Exhibit B. The Form addresses the following components in separate sections.

Per Capita Use Rate

A per capita rate for the previous calendar year will be calculated as provided in Part A of the Form using Part C of the Form to determine Significant Use deduction that may apply. Permittees that cannot achieve a per capita rate of 150 gpd according to the time frames included in the "Instructions for Completion of the Water Use Annual Report," shall include a report on why this rate was not achieved, measures taken to comply with this requirement, and a plan to bring the permit into compliance.

Residential Use

Residential use shall be reported in the categories specified in Part B of the Form, and the methodology used to determine the number of dwelling units by type and their quantities used shall be documented in an attachment.

Non-Residential Use

Non-residential use quantities provided for use in a community but that are not directly associated with places of residence, as well as the total water losses that occur between the point of output of the treatment plant and accountable end users, shall be reported in Part B of the Form.

Water Conservation

In an attachment to the Form, the Permittee shall describe the following:

1. Description of any ongoing audit program of the water treatment plant and distribution systems to address reductions in water losses.
2. An update of the water conservation plan that describes and quantifies the effectiveness of measures currently in practice, any additional measures proposed to be implemented, the scheduled implementation dates, and an estimate of anticipated water savings for each additional measure.
3. A description of the Permittees implementation of water-efficient landscape and irrigation codes or ordinances, public information and education programs, water conservation incentive programs, identification of which measures and programs, if any, were derived from the Conserve Florida Water Conservation Guide, and provide the projected costs of the measures and programs and the projected water savings.

Water Audit

If the current water loss rate is greater than 10% of the total distribution quantities, a water audit as described in the "Instructions for Completion of the Water Use Annual Report" shall be conducted and completed by the following July 1, with the results submitted by the following October 1. Indicate on Part A of the Form whether the water audit was done, will be done, or is not applicable.

Alternative Water Supplied Other Than Reclaimed Water

If the Permittee provides Alternative Water Supplies other than reclaimed water (e.g., stormwater not

treated for potable use) to customers, the information required on Part D of the Form shall be submitted along with an attached map depicting the areas of current Alternative Water Use service and areas that are projected to be added within the next year.

Suppliers of Reclaimed Water

1. Permittees having a wastewater treatment facility with an annual average design capacity equal to or greater than 100,000 gpd:

The Permittee shall submit the "SWFWMD Annual Reclaimed Water Supplier Report" on quantities of reclaimed water that was provided to customers during the previous fiscal year (October 1 to September 30). The report shall be submitted in Excel format on the Compact Disk, Form No. LEG-R.026.00 (05/09), that will be provided annually to them by the District. A map depicting the area of reclaimed water service that includes any areas projected to be added within the next year, shall be submitted with this report.

2. Permittees that have a wastewater treatment facility with an annual average design capacity less than 100,000 gpd:

a. The Permittee has the option to submit the "SWFWMD Annual Reclaimed Water Supplier Report," Form No. LEG-R.026.00, as described in sub-part (1) above, or

b. Provide information on reclaimed water supplied to customers on Part E of the Form as described in the "Instructions for Completion of the Water Use Annual Report".

Updated Service Area Map

If there have been changes to the service area since the previous reporting period, the Permittee shall update the service area using the map that is maintained in the District's Mapping and GIS system.

(660)

14. The following withdrawal facilities shall continue to be maintained and operated with existing, non-resettable, totalizing flow meter(s) or other measuring device(s) as approved by the Water Use Permit Bureau Chief: District ID No(s). 6 and 10, Permittee ID No(s). 6 and 10. Monthly meter reading and reporting, as well as meter accuracy checks every five years shall be in accordance with instructions in Exhibit B, Metering Instructions, attached to and made part of this permit.(719)
15. By January 1, 2020, public supply Permittees shall have a per capita rate of no greater than 150 gallons per day whether it is calculated as an unadjusted gross per capita, an adjusted gross per capita, or a compliance per capita as provided in Chapter 2 of the Water Use Permit Applicant's Handbook. A phased reduction in per capita shall be implemented by Permittees that do not achieve the compliance per capita rate of no greater than 150 gallons per day. Compliance with the per capita rate shall be monitored via the Annual Report and the Reclaimed Water Supplier Report that are required to be submitted by April 1 of each year for Individual and General Water Use Permits.

(767)

40D-2
Exhibit A

WATER USE PERMIT STANDARD CONDITIONS

1. With advance notice to the Permittee, District staff with proper identification shall have permission to enter, inspect, collect samples, take measurements, observe permitted and related facilities and collect and document any information deemed necessary to determine compliance with the approved plans, specifications and conditions of this permit. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.
2. When necessary to analyze impacts to the water resource or existing users, the District shall require the Permittee to install flow metering or other measuring devices to record withdrawal quantities and submit the data to the District.
3. A District identification tag shall be prominently displayed at each withdrawal point that is required by the District to be metered or for which withdrawal quantities are required to be reported to the District, by permanently affixing the tag to the withdrawal facility.
4. The Permittee shall mitigate any adverse impact to environmental features or offsite land uses as a result of withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Examples of adverse impacts include the following:
 - A. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
 - B. Damage to crops and other vegetation causing financial harm to the owner;
and
 - C. Damage to the habitat of endangered or threatened species.
5. The Permittee shall mitigate any adverse impact to existing legal uses caused by withdrawals. When adverse impacts occur or are imminent, the District may require the Permittee to mitigate the impacts. Adverse impacts include:
 - A. A reduction in water levels which impairs the ability of a well to produce water;
 - B. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
 - C. Significant inducement of natural or manmade contaminants into a water supply or into a usable portion of an aquifer or water body.
6. Permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and / or related facilities from which the permitted consumptive use is made. Where Permittee's control of the land subject to the permit was demonstrated through a lease, the Permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system / project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of Rule 40D-1.6105, F.A.C. Alternatively, the Permittee may surrender the consumptive use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
7. All withdrawals authorized by this WUP shall be implemented as conditioned by this permit, including any documents submitted as part of the permit application incorporated by reference in a permit condition. This permit is subject to review and modification, enforcement action, or revocation, in whole or in part, pursuant to Section 373.136 or 373.243, F.S.
8. This permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
9. The Permittee shall cease or reduce surface water withdrawal as directed by the District if water levels in lakes fall below the applicable minimum water level established in Chapter 40D-8, F.A.C., or rates of flow in streams fall below the minimum levels established in Chapter 40D-8, F.A.C.
10. The Permittee shall cease or reduce withdrawal as directed by the District if water levels in aquifers fall below the minimum levels established by the Governing Board.

11. A Permittee may seek modification of any term of an unexpired permit. The Permittee is advised that section 373.239, F.S., and Rule 40D-2.331, F.A.C., are applicable to permit modifications.
12. The Permittee shall practice water conservation to increase the efficiency of transport, application, and use, as well as to decrease waste and to minimize runoff from the property. At such time as the Governing Board adopts specific conservation requirements for the Permittee's water use classification, this permit shall be subject to those requirements upon notice and after a reasonable period for compliance.
13. The District may establish special regulations for Water-Use Caution Areas. At such time as the Governing Board adopts such provisions, this permit shall be subject to them upon notice and after a reasonable period for compliance.
14. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to chapter 373, F.S. In the event of a declared water shortage, the Permittee must adhere to the water shortage restrictions, as specified by the District. The Permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.
15. This permit is issued based on information provided by the Permittee demonstrating that the use of water is reasonable and beneficial, consistent with the public interest, and will not interfere with any existing legal use of water. If, during the term of the permit, it is determined by the District that a statement in the application and in the supporting data are found to be untrue and inaccurate, the use is not reasonable and beneficial, in the public interest, or does impact an existing legal use of water, the Governing Board shall modify this permit or shall revoke this permit following notice and hearing, pursuant to sections 373.136 or 373.243, F.S. The Permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
16. Within the Southern Water Use Caution Area, if the District determines that significant water quantity or quality changes, impacts to existing legal uses, or adverse environmental impacts are occurring, the District, upon reasonable notice to the Permittee, including a statement of facts upon which the District based its determination, may reconsider the quantities permitted or other conditions of the permit as appropriate to address the change or impact, but only after an opportunity for the Permittee to resolve or mitigate the change or impact or to request a hearing.
17. All permits are contingent upon continued ownership or legal control of all property on which pumps, wells, diversions or other water withdrawal facilities are located.

Exhibit B
Instructions

METERING INSTRUCTIONS

The Permittee shall meter withdrawals from surface waters and/or the ground water resources, and meter readings from each withdrawal facility shall be recorded on a monthly basis within the last week of the month. The meter reading(s) shall be reported to the Water Use Permit Bureau on or before the tenth day of the following month for monthly reporting frequencies. For bi-annual reporting, the data shall be recorded on a monthly basis and reported on or before the tenth day of the month following the sixth month of recorded data. The Permittee shall submit meter readings online using the Permit Information Center at www.swfwmd.state.fl.us/permits/epermitting/ or on District supplied scanning forms unless another arrangement for submission of this data has been approved by the District. Submission of such data by any other unauthorized form or mechanism may result in loss of data and subsequent delinquency notifications. Call the Water Use Permit Bureau in Tampa at (813) 985-7481 if difficulty is encountered.

The meters shall adhere to the following descriptions and shall be installed or maintained as follows:

1. The meter(s) shall be non-resettable, totalizing flow meter(s) that have a totalizer of sufficient magnitude to retain total gallon data for a minimum of the three highest consecutive months permitted quantities. If other measuring device(s) are proposed, prior to installation, approval shall be obtained in writing from the Water Use Permit Bureau Chief.
2. The Permittee shall report non-use on all metered standby withdrawal facilities on the scanning form or approved alternative reporting method.
3. If a metered withdrawal facility is not used during any given month, the meter report shall be submitted to the District indicating the same meter reading as was submitted the previous month.
4. The flow meter(s) or other approved device(s) shall have and maintain an accuracy within five percent of the actual flow as installed.
5. Meter accuracy testing requirements:
 - A. For newly metered withdrawal points, the flow meter installation shall be designed for inline field access for meter accuracy testing.
 - B. The meter shall be tested for accuracy on-site, as installed according to the Flow Meter Accuracy Test Instructions in this Exhibit B, every five years in the assigned month for the county, beginning from the date of its installation for new meters or from the date of initial issuance of this permit containing the metering condition with an accuracy test requirement for existing meters.
 - C. The testing frequency will be decreased if the Permittee demonstrates to the satisfaction of the District that a longer period of time for testing is warranted.
 - D. The test will be accepted by the District only if performed by a person knowledgeable in the testing equipment used.
 - E. If the actual flow is found to be greater than 5% different from the measured flow, within 30 days, the Permittee shall have the meter re-calibrated, repaired, or replaced, whichever is necessary. Documentation of the test and a certificate of re-calibration, if applicable, shall be submitted within 30 days of each test or re-calibration.
6. The meter shall be installed according to the manufacturer's instructions for achieving accurate flow to the specifications above, or it shall be installed in a straight length of pipe where there is at least an upstream length equal to ten (10) times the outside pipe diameter and a downstream length equal to two (2) times the outside pipe diameter. Where there is not at least a length of ten diameters upstream available, flow straightening vanes shall be used in the upstream line.
7. Broken or malfunctioning meter:
 - A. If the meter or other flow measuring device malfunctions or breaks, the Permittee shall notify the District within 15 days of discovering the malfunction or breakage.
 - B. The meter must be replaced with a repaired or new meter, subject to the same specifications given above, within 30 days of the discovery.
 - C. If the meter is removed from the withdrawal point for any other reason, it shall be replaced with another meter having the same specifications given above, or the meter shall be reinstalled within 30 days of its removal from the withdrawal. In either event, a fully functioning meter shall not be off the withdrawal point for more than 60 consecutive days.
8. While the meter is not functioning correctly, the Permittee shall keep track of the total amount of time the withdrawal point was used for each month and multiply those minutes times the pump capacity (in gallons per minute) for total gallons. The estimate of the number of gallons used each month during that period shall be submitted on District scanning forms and noted as estimated per instructions on the form. If the data is submitted

by another approved method, the fact that it is estimated must be indicated. The reason for the necessity to estimate pumpage shall be reported with the estimate.

9. In the event a new meter is installed to replace a broken meter, it and its installation shall meet the specifications of this condition. The permittee shall notify the District of the replacement with the first submittal of meter readings from the new meter.

FLOW METER ACCURACY TEST INSTRUCTIONS

1. **Accuracy Test Due Date** - The Permittee is to schedule their accuracy test according to the following schedule:
 - A. For existing metered withdrawal points, add five years to the previous test year, and make the test in the month assigned to your county.
 - B. For withdrawal points for which metering is added for the first time, the test is to be scheduled five years from the issue year in the month assigned to your county.
 - C. For proposed withdrawal points, the test date is five years from the completion date of the withdrawal point in the month assigned to your county.
 - D. For the Permittee's convenience, if there are multiple due-years for meter accuracy testing because of the timing of the installation and/or previous accuracy tests of meters, the Permittee can submit a request in writing to the Water Use Permit Bureau Chief for one specific year to be assigned as the due date year for meter testing. Permittees with many meters to test may also request the tests to be grouped into one year or spread out evenly over two to three years.
 - E. The months for accuracy testing of meters are assigned by county. The Permittee is requested but not required to have their testing done in the month assigned to their county. This is to have sufficient District staff available for assistance.

January	Hillsborough
February	Manatee, Pasco
March	Polk (for odd numbered permits)*
April	Polk (for even numbered permits)*
May	Highlands
June	Hardee, Charlotte
July	None or Special Request
August	None or Special Request
September	Desoto, Sarasota
October	Citrus, Levy, Lake
November	Hernando, Sumter, Marion
December	Pinellas

* The permittee may request their multiple permits be tested in the same month.

2. **Accuracy Test Requirements:** The Permittee shall test the accuracy of flow meters on permitted withdrawal points as follows:
 - A. The equipment water temperature shall be set to 72 degrees Fahrenheit for ground water, and to the measured water temperature for other water sources.
 - B. A minimum of two separate timed tests shall be performed for each meter. Each timed test shall consist of measuring flow using the test meter and the installed meter for a minimum of four minutes duration. If the two tests do not yield consistent results, additional tests shall be performed for a minimum of eight minutes or longer per test until consistent results are obtained.
 - C. If the installed meter has a rate of flow, or large multiplier that does not allow for consistent results to be obtained with four- or eight-minute tests, the duration of the test shall be increased as necessary to obtain accurate and consistent results with respect to the type of flow meter installed.
 - D. The results of two consistent tests shall be averaged, and the result will be considered the test result for the meter being tested. This result shall be expressed as a plus or minus percent (rounded to the nearest one-tenth percent) accuracy of the installed meter relative to the test meter. The percent accuracy indicates the deviation (if any), of the meter being tested from the test meter.
3. **Accuracy Test Report:** The Permittees shall demonstrate that the results of the meter test(s) are accurate by submitting the following information within 30 days of the test:
 - A. A completed Flow Meter Accuracy Verification Form, Form LEG-R.101.00 (5/14) for each flow meter tested. This form can be obtained from the District's website (www.watermatters.org) under "ePermitting and Rules" for Water Use Permits.

- B. A printout of data that was input into the test equipment, if the test equipment is capable of creating such a printout;
- C. A statement attesting that the manufacturer of the test equipment, or an entity approved or authorized by the manufacturer, has trained the operator to use the specific model test equipment used for testing;
- D. The date of the test equipment's most recent calibration that demonstrates that it was calibrated within the previous twelve months, and the test lab's National Institute of Standards and Testing (N.I.S.T.) traceability reference number.
- E. A diagram showing the precise location on the pipe where the testing equipment was mounted shall be supplied with the form. This diagram shall also show the pump, installed meter, the configuration (with all valves, tees, elbows, and any other possible flow disturbing devices) that exists between the pump and the test location clearly noted with measurements. If flow straightening vanes are utilized, their location(s) shall also be included in the diagram.
- F. A picture of the test location, including the pump, installed flow meter, and the measuring device, or for sites where the picture does not include all of the items listed above, a picture of the test site with a notation of distances to these items.

ANNUAL REPORT SUBMITTAL INSTRUCTIONS

The "Public Supply Water Use Annual Report Form" (Form No. LEG-R.023.00 (01/09)), is designed to assist the Permittee with the annual report requirements, but the final authority for what must be included in the Water Use Annual Report is in this condition and in these instructions. Two identical copies of the "Public Supply Water Use Annual Report Form" and two identical copies of all required supporting documentation shall be included if submitted in hard copy. "Identical copy" in this instance means that if the original is in color, then all copies shall also be printed in color. If submitted electronically, only one submittal is required; however, any part of the document that is in color shall be scanned in color.

1. **Per Capita Use Rate** - A per capita rate for the previous calendar year will be progressively calculated until a rate of 150 gpd per person or less is determined whether it is the unadjusted per capita, adjusted per capita, or compliance per capita. The calculations shall be performed as shown in Part A of the Form. The Permittee shall refer to and use the definitions and instructions for all components as provided on the Form and in the Water Use Permit Applicant's Handbook Part B. Permittees that have interconnected service areas and receive an annual average quantity of 100,000 gpd or more from another permittee are to include these quantities as imported quantities. Permittees in the Southern Water Use Caution Area (SWUCA) or the Northern Tampa Bay Water Use Caution Area (NTBWUCA), as it existed prior to October 1, 2007, shall achieve a per capita of 150 gpd or less, and those in these areas that cannot achieve a compliance per capita rate of 150 gpd or less shall include a report on why this rate was not achieved, measures taken to comply with this requirement, and a plan to bring the permit into compliance. Permittees not in a Water Use Caution Area that cannot achieve a compliance per capita rate of 150 gpd or less by December 31, 2019 shall submit this same report in the Annual Report due April 1, 2020.
2. **Residential Use** - Residential water use consists of the indoor and outdoor water uses associated with each category of residential customer (single family units, multi-family units, and mobile homes), including irrigation uses, whether separately metered or not. The Permittee shall document the methodology used to determine the number of dwelling units by type and the quantities used. Estimates of water use based upon meter size will not be accepted. If mobile homes are included in the Permittees multi-family unit category, the information for them does not have to be separated. The information for each category shall include:
 - A. Number of dwelling units per category,
 - B. Number of domestic metered connections per category,
 - C. Number of metered irrigation connections,
 - D. Annual average quantities in gallons per day provided to each category, and
 - E. Percentage of the total residential water use provided apportioned to each category.
3. **Non-Residential Use** - Non-residential use consists of all quantities provided for use in a community not directly associated with places of residence. For each category below, the Permittee shall include annual average gpd provided and percent of total non-residential use quantities provided. For each category 1 through 6 below, the number of metered connections shall be provided. These non-residential use categories are:
 - A. Industrial/commercial uses, including associated lawn and landscape irrigation use,
 - B. Agricultural uses (e.g., irrigation of a nursery),
 - C. Recreation/Aesthetic, for example irrigation (excluding golf courses) of Common Areas, stadiums and school yards,
 - D. Golf course irrigation,
 - E. Fire fighting, system testing and other accounted uses,-

- F. K-through-12 schools that do not serve any of the service area population, and
 - G. Water Loss as defined as the difference between the output from the treatment plant and accounted residential water use (B above) and the listed non-residential uses in this section.
4. **Water Audit** - The water audit report that is done because water losses are greater than 10% of the total distribution quantities shall include the following items:
- A. Evaluation of:
 - 1) leakage associated with transmission and distribution mains,
 - 2) overflow and leakage from storage tanks,
 - 3) leakage near service connections,
 - 4) illegal connections,
 - 5) description and explanations for excessive distribution line flushing (greater than 1% of the treated water volume delivered to the distribution system) for potability,
 - 6) fire suppression,
 - 7) un-metered system testing,
 - 8) under-registration of meters, and
 - 9) other discrepancies between the metered amount of finished water output from the treatment plant less the metered amounts used for residential and non-residential uses specified in Parts B and C above, and
 - B. A schedule for a remedial action-plan to reduce the water losses to below 10%.
5. **Alternative Water Supplied other than Reclaimed Water** - Permittees that provide Alternative Water Supplies other than reclaimed water (e.g., stormwater not treated for potable use) shall include the following on Part D of the Form:
- A. Description of the type of Alternative Water Supply provided,
 - B. County where service is provided,
 - C. Customer name and contact information,
 - D. Customer's Water Use Permit number (if any),
 - E. Customer's meter location latitude and longitude,
 - F. Meter ownership information,
 - G. General customer use category,
 - H. Proposed and actual flows in annual average gallons per day (gpd) per customer,
 - I. Customer cost per 1,000 gallons or flat rate information,
 - J. Delivery mode (e.g., pressurized or non-pressurized),
 - K. Interruptible Service Agreement (Y/N),
 - L. Month/year service began, and
 - M. Totals of monthly quantities supplied.
6. **Suppliers of Reclaimed Water** - Depending upon the treatment capacity of the Permittees wastewater treatment plant, the Permittee shall submit information on reclaimed water supplied as follows:
- A. Permittees having a wastewater treatment facility with an annual average design capacity equal to or greater than 100,000 gpd shall utilize the "SWFWMD Annual Reclaimed Water Supplier Report" in Excel format on the Compact Disk, Form No. LEG-R.026.00 (05/09). The "SWFWMD Annual Reclaimed Water Supplier Report" is described in Section 3.1 of Chapter 3, under the subheading "Reclaimed Water Supplier Report" and is described in detail in the Water Use Permit Applicant's Handbook Part B.
 - B. Permittees that have a wastewater treatment facility with an annual average design capacity less than 100,000 gpd can either utilize the "SWFWMD Annual Reclaimed Water Supplier Report," Form No. LEG-R.026.00, as described in sub-part (1) above or provide the following information on Part E of the Form:
 - 1) Bulk customer information:
 - a) Name, address, telephone number,
 - b) WUP number (if any),
 - c) General use category (residential, commercial, recreational, agricultural irrigation, mining),
 - d) Month/year first served,
 - e) Line size,
 - f) Meter information, including the ownership and latitude and longitude location,

- g) Delivery mode (pressurized, non-pressurized).
- 2) Monthly flow in gallons per bulk customer.
- 3) Total gallons per day (gpd) provided for metered residential irrigation.
- 4) Disposal information:
 - a) Site name and location (latitude and longitude or as a reference to the service area map),
 - b) Contact name and telephone,
 - c) Disposal method, and
 - d) Annual average gpd disposed.

Darrin W. Herbst, P.G.

Authorized Signature

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

This permit, issued under the provision of Chapter 373, Florida Statutes and Florida Administrative Code 40D-2, authorizes the Permittee to withdraw the quantities outlined above, and may require various activities to be performed by the Permittee as described in the permit, including the Special Conditions. The permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.

Notice of Rights

ADMINISTRATIVE HEARING

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended or proposed action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28.106, F.A.C. A request or petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C. can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 Highway 301 North, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

JUDICIAL REVIEW

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.
2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

NC Real Estate Projects, LLC / Attn: Jason Cox
110 WADES WAY UNIT 314
MOORESVILLE, NC 28117

Grenelefe Resort Development, LLC / Attn: Frederick Scott House
3425 TURNBERRY DR.
LAKELAND, FL 33803

EXHIBIT H

Surveys & Reports

RECEIVED

APR 22 2020

Environmental Health
FDOM - Bartow

HYDROPNEUMATIC WATER TANK
OUT-OF-SERVICE (INTERNAL/EXTERNAL)
INSPECTION REPORT

Plant 2

GRENELEFE UTILITIES
WINTER HAVEN, FL

Grenelefe Resort LLC

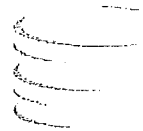
6530 692

HYDROPNEUMATIC TANK
WATER PLANT #6
10'-0" \emptyset x 40'-0"
25,000 GALLONS

Plant # 2

Entered by AI on 04/22/20
RS

FEBRUARY 12, 2020

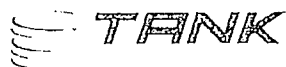


TANK

4000 STATE ROAD 60 EAST
MULBERRY, FL 33860
PHONE 863-354-9010
FL CA No. 32743
tankteam.com

TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
REPAIRS	4
Recommended	4
INSPECTION INTERVALS.....	4
VESSEL DATA	5
INSPECTION RESULTS	6
Shell.....	6
Shell Nozzles and Appurtenances	6
Heads.....	6
Head Nozzles and Appurtenances.....	6
Coatings	6
Foundation.....	6
Minimum Thickness	7
Shell.....	7
Heads	7
Corrosion Rates.....	9
Shell.....	9
Heads	9
Remaining Life	9
Shell.....	9
Heads	9
CONCLUSION	10
APPENDIX A – INSPECTION METHODOLOGY AND PROCEDURES	11
Definitions	12
Field Inspection.....	13
Inspection Personnel	13
Inspection Procedures	13
Inspection Equipment and Instruments	13
Engineering Review	14
Engineering Personnel.....	14
Evaluation Procedures	14
APPENDIX B – PHOTOGRAPHS	15
APPENDIX C – DRAWINGS	20
APPENDIX D – LICENSES AND CERTIFICATIONS.....	21



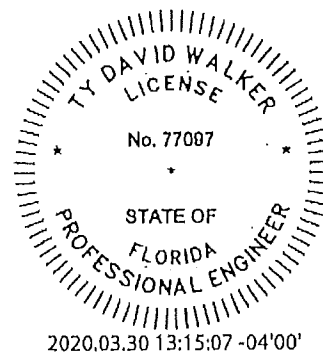
EXECUTIVE SUMMARY

RE: Out-of-Service (Internal/External) Inspection Report
Grenelefe Utilities – Winter Haven, FL
Water Plant #6 – 25,000 Gallon
Tank Engineering Project No. 19-170

An Out-of-Service (Internal/External) Inspection was completed on the above referenced vessel by Tank Engineering on February 12, 2020 as required by Florida Department of Environmental Protection (FDEP) Rule 62-555. The out-of-service inspection was completed at the client's request to determine the vessel's suitability for service in regard to American Petroleum Institute (API) Standard 510 and The American Society for Mechanical Engineers (ASME) Section VIII were utilized as criteria for the inspection and analysis where applicable.

The vessel was found to be in overall fair condition. The exterior coating was found to be in good condition. The interior coating was found to be in fair condition with minor areas coating failure and corrosion. Scattered pitting, measured at 1/16" to 5/32" in depth, was identified throughout the internal. The saddles were found to be in good condition.

This vessel appears to be suitable for continued service at the current calculated operating pressure shown on page 7.



Inspected By:

Clark Joe Stine
API 510 Certified Inspector No. 64450

Reviewed By:

This report has been digitally signed and sealed by Ty David Walker on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Ty David Walker, P.E.
Florida P.E. No. 77097

REPAIRS

Recommended

1. Repair pitting area identified on South shell course due to remaining thickness being below minimum required thickness (for an operating pressure of 45psi).
2. The interior areas of coating failure should be cleaned and coated with a National Sanitation Foundation (NSF) approved tank lining system, per FDEP Rule 62-555.350(2).
3. Lift the tank and clean, prepare and coat the contact area between the shell and saddles to mitigate any corrosion that may be present.
4. Monitor internal pitting for future metal loss at the next inspection interval.

INSPECTION INTERVALS

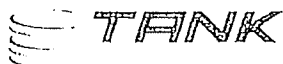
In accordance with FDEP Rule 62-555:

The next Out-of-Service (Internal/External) inspection will be required by **February, 2025**.

VESSEL DATA

General		Coatings	
Owner:	Grenelefe Utilities	Shell:	Epoxy
Location:	Winter Haven, FL	Heads:	Epoxy
Diameter:	10'-0"	Insulated:	No
Length:	40'-0"	Operational Information	
Capacity (Gallons):	25,000		
Manufacturer:	Unknown	Maximum Working Pressure:	66 Psi
Year Built:	Unknown	Maximum Operating Temperature:	Ambient
Design Standard:	Unknown		
Construction Material:	Unknown		
Design Pressure:	Unknown		
Foundation Type:	4 Steel Saddles		
Head Type:	Torispherical		
Head Construction:	Seamless		
Shell Construction:	Butt-Welded		
Last Internal Inspection Date:	2015		
Last External Inspection Date:	2015		

Table – 1: Vessel Data



INSPECTION RESULTS

Shell

The vessel shell appeared to be in overall fair condition at the time of inspection. Ultrasonic Thickness Measurements (UTMs) were taken on the tank shell at Condition Monitoring Locations (CMLs) chosen by the inspector. Thicknesses found at the time of inspection ranged from 0.355" to 0.381", with an average thickness of 0.374".

Areas of pitting were identified on internal shell and weld surfaces measuring up to 1/8" depth. Remaining thickness in these areas is 0.249" (0.374" [average shell thickness] – 0.125" [pitting depth]). It is recommended the pitted areas be repaired as the remaining thickness is below the minimum required thickness of 0.246" with an operating pressure of 45psi.

Shell Nozzles and Appurtenances

All shell nozzles and appurtenances appeared to be in good condition.

Heads

The vessel was constructed with torispherical heads. The heads appeared to be in overall good condition at the time of inspection. UTMs were taken on the tank heads at CMLs chosen by the inspector. Thicknesses found at the time of inspection ranged from 0.464" to 0.520", with an average thickness of 0.491".

Head Nozzles and Appurtenances

The head nozzles and appurtenances appeared to be in overall good condition.

Coatings

The interior coating was found to be in fair condition with coating failure and corrosion on welds and nozzles. It is recommended that the areas of coating failure be prepared and recoated.

The exterior shell and heads coatings were found to be in good condition; however, one isolated area of coating failure and corrosion was noted below the manway.

The exterior coating on nozzles and appurtenances was found to be in overall fair condition with minor surface corrosion.

Foundation

The site and base supporting the vessel appeared to be in good condition. This vessel rested on four steel saddles which rested on a concrete pier. The saddles were not sealed from moisture intrusion. The tank exterior surfaces between the shell and the saddles could not be inspected. Corrosion may have been present in these areas. The contact areas between the tank and saddles should be cleaned, prepared and painted to mitigate corrosion.

Minimum Thickness

No nameplate or code stamp was found on this tank. Therefore, this is not a "code stamp" tank. The material specifications were not available. Due to this situation, joint efficiency and allowable stress were determined following API 510 Section 7.7 (3) guidelines. The allowable pressure calculations below are based on ASME Section VIII. Based on current ASME Section VIII calculations using the aforementioned information, the minimum required thickness for this vessel can be confirmed using the following:

Shell

- P = Current Operating Pressure (66 psi)
- E = Joint efficiency (70%) (Butt Welded Construction)
- S = Allowable stress (15,700 psi)
- R = Inside radius of shell (60")

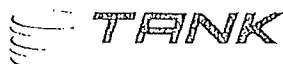
$$t = \frac{PR}{SE - 0.6P} = \frac{66 * 60}{15,700 * 0.70 - (0.6 * 66)} = 0.362"$$

Heads

- P = Current Operating Pressure (66 psi)
- E = Joint efficiency (85%)
- S = Allowable stress (15,700 psi)
- L = Spherical or crown Radius (120")

$$t = \frac{0.885PL}{SE - 0.1P} = \frac{0.885 * 66 * 120}{15,700 * 0.85 - (0.1 * 66)} = 0.525"$$

The thickness of the shell and heads being less than the minimum thickness required to maintain the current operating maximum allowable working pressure (MAWP) calls for the calculation of MAWP based on the minimum measured thicknesses of the tank shell and heads.



Shell Pressure

- p = Pressure (45psi)
- E = Joint efficiency (70%)
- t = Minimum shell thickness (0.246")
- S = Allowable stress (15,700 psi)
- R = Tank radius (60")

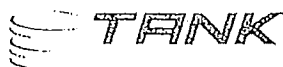
$$p = \frac{SEt}{R+0.6t} = \frac{15,700*0.70*0.246}{60+(0.6*0.246)} = 45 \text{ psi}$$

Heads Pressure

- p = Pressure (45psi)
- E = Joint efficiency (85%)
- t = Minimum head thickness (0.358")
- S = Allowable stress (15,700 psi)
- L = Crown Radius (120")

$$p = \frac{SEt}{0.885L+0.1t} = \frac{15,700*0.85*0.358}{0.885*120+(0.1*0.358)} = 45 \text{ psi}$$

Based on the above calculations, MAWP for this vessel is 45 psi in order to remain in service as is until the next inspection cycle. **The pressure relief device should be set and maintained below 45 psi, due to the base metal being less than the required thickness.**



Corrosion Rates

- $t_{previous}$ = Initial thickness at the same CML as $t_{previous}$
- t_{actual} = Actual thickness of a CML measured during the most recent inspection
- Y = Time in years between $t_{previous}$ and t_{actual}

$$\text{Corrosion Rate (CR)} = \frac{t_{previous} - t_{actual}}{Y}$$

Shell

$$CR = \frac{.374 - .355}{5} = 0.0038 \text{ inches/year}$$

Heads

$$CR = \frac{.475 - .464}{5} = 0.0022 \text{ inches/year}$$

Remaining Life

- t_{actual} = Actual thickness of a CML measured during the most recent inspection
- $t_{required}$ = Required thickness at the same CML as the t_{actual} measurement
- CR = Corrosion rate

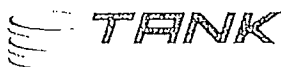
$$\text{Remaining Life} = \frac{t_{actual} - t_{required}}{CR}$$

Shell

$$\text{Remaining Life} = \frac{.355 - .246}{0.0038} = 28 \text{ years}$$

Heads

$$\text{Remaining Life} = \frac{.464 - .358}{0.0022} = 48 \text{ years}$$



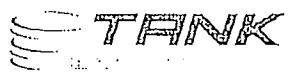
CONCLUSION

The vessel was found to be in overall fair condition. The exterior coating was found to be in good condition. The interior coating was found to be in fair condition with minor areas coating failure and corrosion. Scattered pitting, measured at 1/16" to 5/32" in depth, with was identified throughout the internal. The saddles were found to be in good condition.

This vessel appears to be suitable for continued service at the current operating pressure shown on page 7.

Note: This report, the conclusions, recommendations, and comments contained in this report are based upon spot examinations from readily accessible parts of the tank. Should latent defects or conditions which vary significantly from those described in the report be discovered at a later date, these should be brought to the attention of a qualified individual at that time. These comments and recommendations should be viewed as information to be used by the Owner in determining the proper course of action and not to replace a complete set of specifications. All repair and maintenance work should be done in accordance with API 510 Standards. The preparation of specifications, project management, and the inspection of repairs and rehabilitation projects for water storage tanks is a specialized field and it is our recommendation that the Owner consider the use of engineers and technicians qualified by education and experience to handle these projects.

APPENDIX A – INSPECTION METHODOLOGY AND PROCEDURES



Definitions

Throughout this report, certain subjective terms will be used to describe the condition of various items. These terms are typically meant to imply the following definitions:

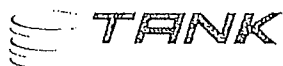
Good: Currently in nearly new condition. Minor defects may be present, but do not present a hindrance to the operation of the item.

Fair: Slightly less than ideal condition. This item has not failed, but is in a state of degradation that will likely result in failure in the near future.

Poor: The item has failed or is near failure.

The tank inspection consisted of two parts:

- 1) **Field Inspection**
- 2) **Engineering Review**



Field Inspection

The field inspection was performed in general accordance with API Standard 510 (Tenth Edition, May 2014) entitled "Pressure Vessel Inspection Code: In-Service Inspection, Rating, Repair, and Alteration".

Inspection Personnel

This inspection was performed by Clark Joseph Stine, Certified API 510 Pressure Vessel Inspector No. 64450, and Level II NDE technician.

Inspection Procedures

The inspection procedures follow the recommendations of API 510 as required, including:

1. The overall tank layout, physical measurements, and general site location
2. A visual inspection of the tank interior and exterior surfaces to evaluate:
 - a. Leaks
 - b. Shell distortions
 - c. Signs of corrosion
 - d. Condition of saddles/foundation
 - e. Condition of exterior coating
 - f. Condition of accessories
 - g. Condition of appurtenances
 - h. Condition of welds
 - i. Condition of insulation

Inspection Equipment and Instruments

1. Ultrasonic Thickness Measurements (UTMs) are taken on the nozzles, heads, and shell with an Olympus MG2 instrument utilizing the "echo-to-echo" technique and "coating eliminator" software. Instrument calibration is verified before and after testing is performed.
2. Prior to entering the vessel, internal testing of air quality and oxygen content is performed using a BW Honeywell GasAlert MicroClip XL 4-Gas Monitor MCXL-XWHM-Y-NA. Instrument calibration is verified before testing.
3. Individual surface pits are measured using a G.A.L V-WAC Gage.
4. Digital photographs are taken of all essential structures, appurtenances and deficiencies for historical records and report submittal.

Engineering Review

Tank Engineering
4000 State Road 60 East
Mulberry, FL 33860
863-354-9010
Florida Certificate of Authorization No. 32743

Engineering Personnel

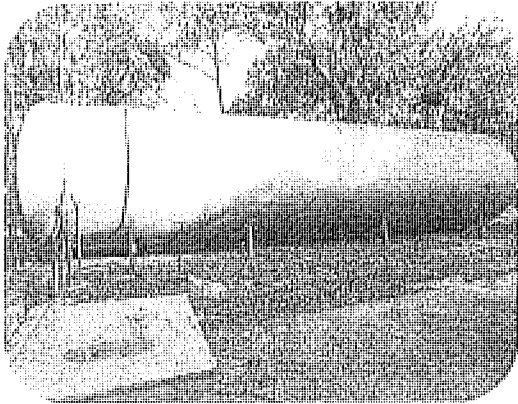
Ty David Walker, P.E.
Florida Professional Engineer License No. 77097

Evaluation Procedures

The engineering review includes checks of the following:

1. The equations used are appropriate for conditions being evaluated.
2. The calculations are performed correctly.
3. The correct data is chosen for input in evaluations.
4. The drawings are accurate to field observations.
5. The statements made are in compliance with applicable standards.

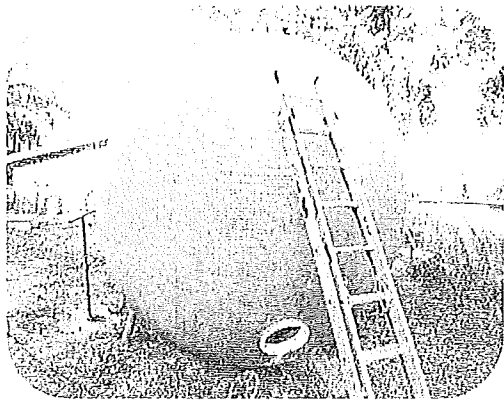
APPENDIX B – PHOTOGRAPHS



1. General Overall View of Tank



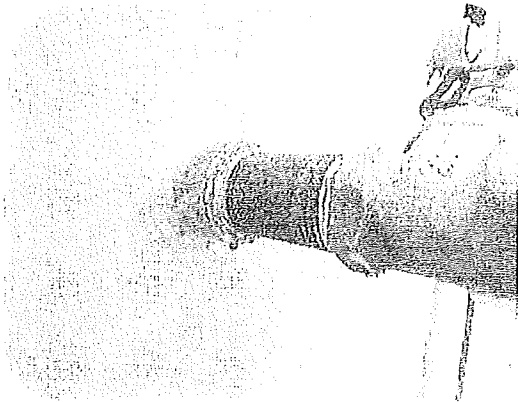
2. External West Tank Head



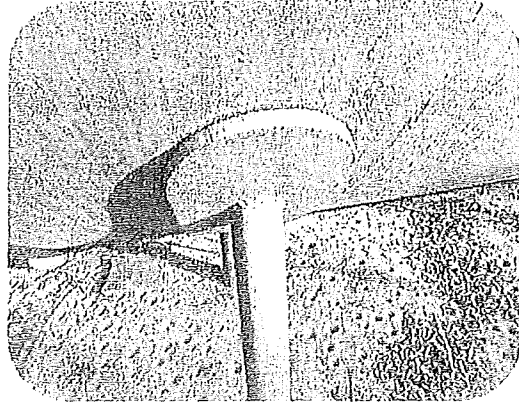
3. External East Tank Head



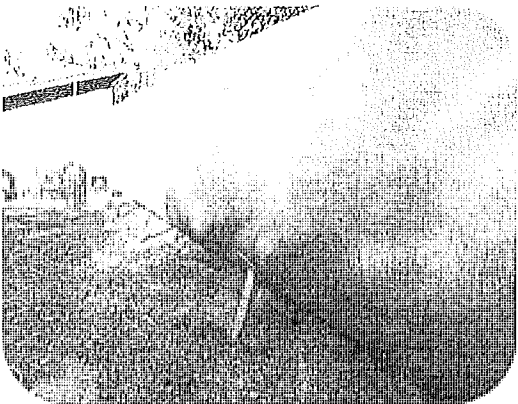
4. Coating Failure with Corrosion Below Manway



5. Surface Corrosion on Fiting



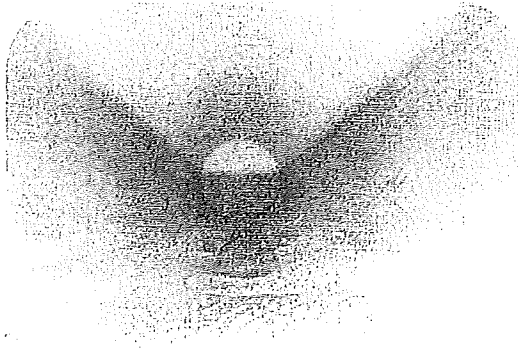
6. Saddle to Shell Connection



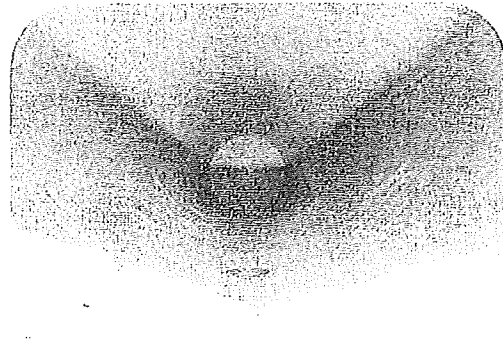
7. Tank Shell



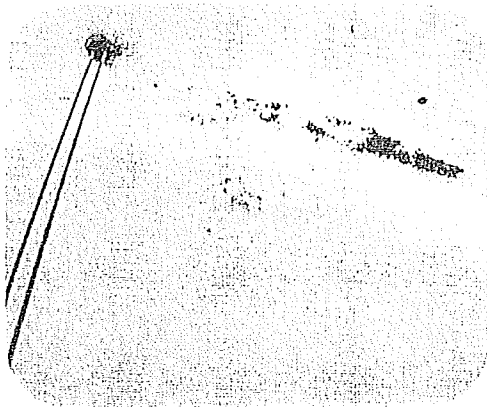
8. Nozzle



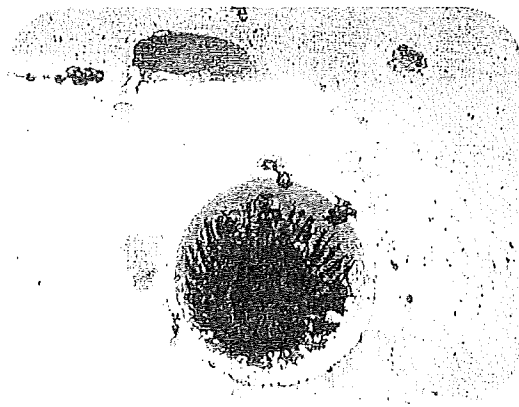
9. General Internal View Before Cleaning



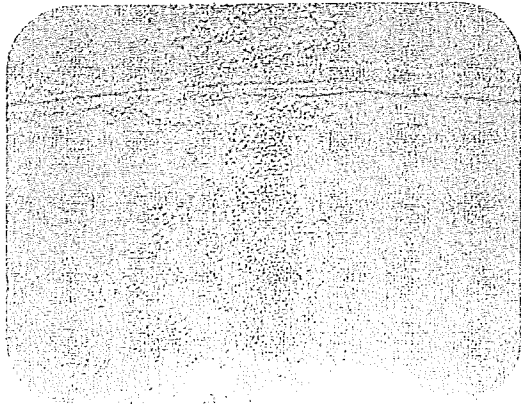
10. General Internal View After Cleaning



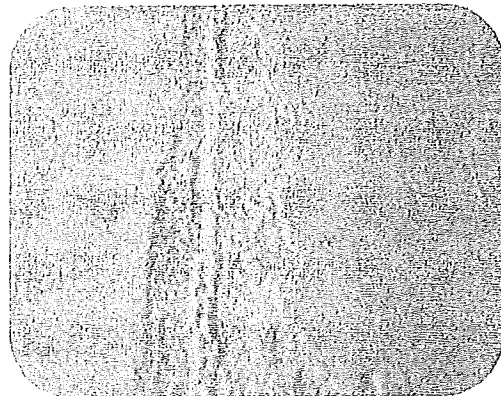
11. Internal Coating Failure on Weld



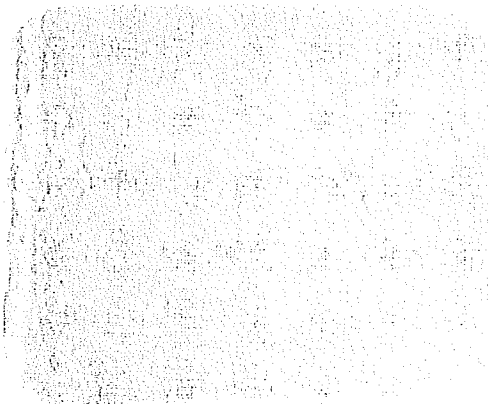
12. Internal Coating Failure on Fitting



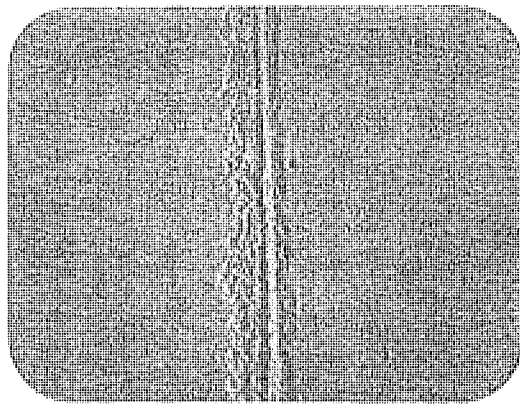
9. Internal Pitting of 1/8" Deep on Shell and Weld



10. Internal Pitting of 1/8" Deep on Shell and Weld

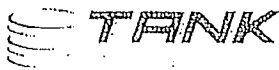


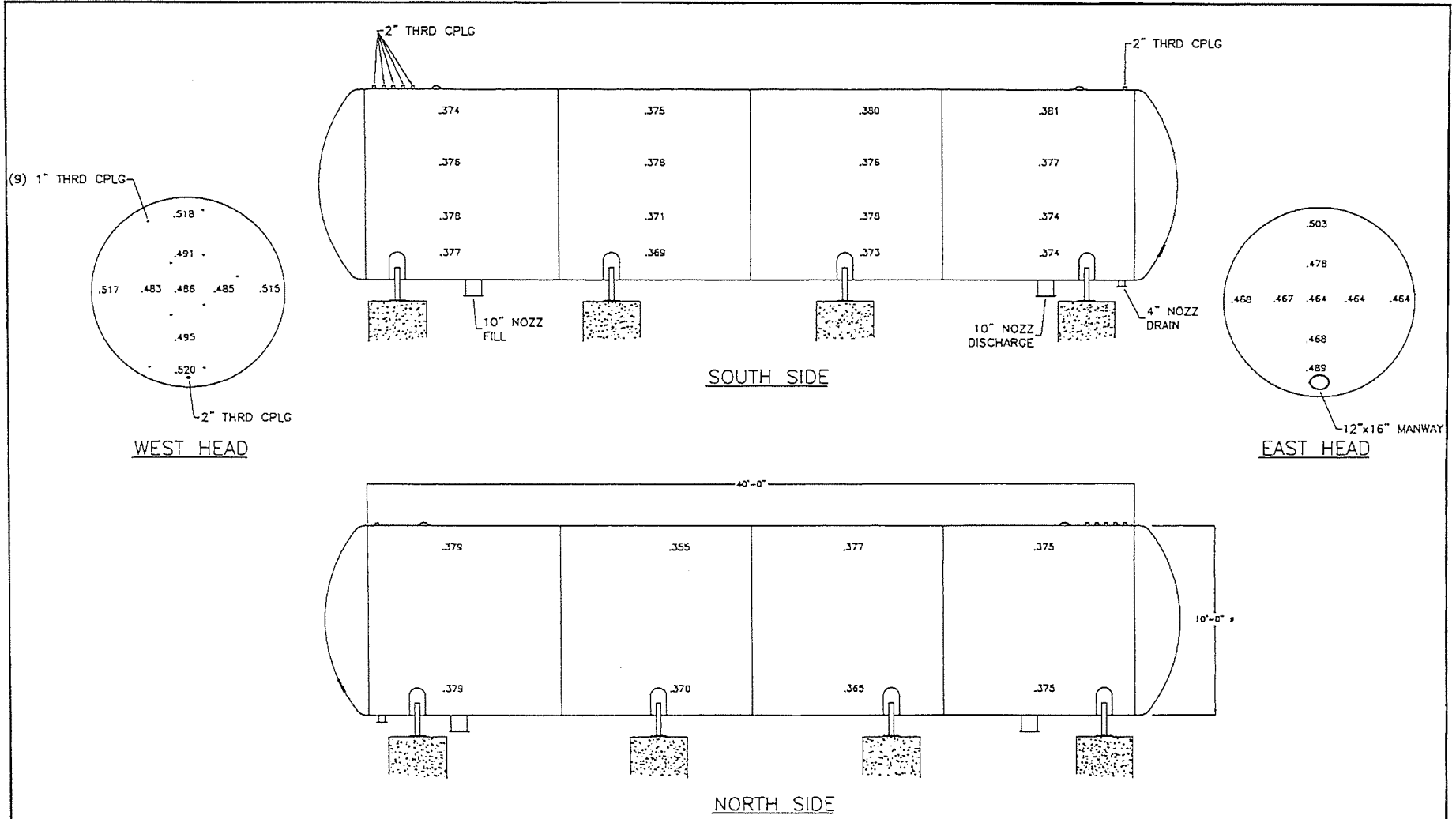
11. Internal Pitting of 1/8" Deep on Shell and Weld



12. Internal Pitting of 1/8" Deep on Shell and Weld

APPENDIX C – DRAWINGS





.XXX = ULTRASONIC THICKNESS MEASUREMENT IN INCHES

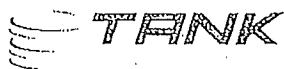
DRAWN BY:	MAE
CHECKED BY:	CJS
APPROVED BY:	TDW
SCALE:	NTS
DATE:	2/12/2020


TANK ENGINEERING
 4000 State Road 60 East
 Mulberry, Florida 33860
 PHONE (863) 354-9010

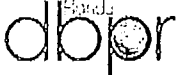
GRENELEFE UTILITIES
 WINTER HAVEN
 WATER PLANT #6
 TANK LAYOUT

ARCHIVE FILE	19-170-11-#6
PROJECT NO.	19-170
SHEET NO.	1 OF 1

APPENDIX D – LICENSES AND CERTIFICATIONS




 RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY 

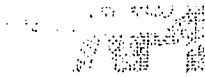
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WALKER, TY DAVID
7032 CASCADES CT.
LAKELAND FL 33813

LICENSE NUMBER: PE77097
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



AMERICAN PETROLEUM INSTITUTE
Individual Certification Programs: ICP



API Individual Certification Programs

verifies that

Clark Joseph Stine

has met the requirements for API certification

API-510 Pressure Vessel Inspector

Certification Number *64450*

Original Certification Date *March 31, 2016*

Current Certification Date *March 31, 2019*

Expiration Date *March 31, 2022*

Manager, Individual Certification Programs



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

RECEIVED

NOV 7 2023
Environmental Health
FDOH - Bartow

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – please type or print legibly)

System Name: Grenelefe Resort PWS I.D. #: 653-0692
 System Type (check one): Community Nontransient Noncommunity Transient Noncommunity
 Address: 3200 State Road 546
 City: Haines City ZIP Code: 33844
 Phone # _____ Fax # _____ E-Mail Address: _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: GL2 T2320159001 Sample Date: 10-11-23 Sample Time: 0710 AM PM (Circle One)
 Sample Location (be specific): POE well #6 Location Code: _____
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.2 mg/L Field pH: 7.5

Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

Reason(s) for Sample (Check all that apply)

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance
- Composite of Multiple Sites
- Other: _____
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments: _____

Nitrite/Nitrate _____

Use 0.05 mg/L MCL for measurements on total nitrite and nitrate in the 0.1-1.0 mg/L range. For measurements on nitrite and nitrate in the 1.0-10.0 mg/L range, use the 0.1 mg/L MCL.

Use 0.05 mg/L MCL for measurements on total nitrite and nitrate in the 0.1-1.0 mg/L range. For measurements on nitrite and nitrate in the 1.0-10.0 mg/L range, use the 0.1 mg/L MCL.

ENTERED
NOV 8 2023

SAMPLER CERTIFICATION

I, Dean T. Fletcher, Operator, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: D. Fletcher Date: 10-11-23

Certified Operator # C26818 Phone #: 3522320692 Sampler's Fax #: _____

Sampler's E-mail: dfletcher@uswatercorp.net

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

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

Lab Name: Advanced Environmental Laboratories, Inc. Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2024

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 9610 Princess Palm Ave, Tampa, FL 33619

Phone #: (813) 630-9616

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

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 10/11/2023

PWS ID: (From Page 1): 6530692 Sample Number (From Page 1): T2320159001 Lab Assigned Report # Or Job ID: T2320159

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<p><u>Inorganics</u></p> <input type="checkbox"/> All except Asbestos <input type="checkbox"/> Partial <input checked="" type="checkbox"/> Nitrate <input checked="" type="checkbox"/> Nitrite <input type="checkbox"/> Asbestos	<p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30 <input type="checkbox"/> All Except Dioxin <input type="checkbox"/> Partial <input type="checkbox"/> Dioxin Only	<p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21 <input type="checkbox"/> Partial	<p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes <input type="checkbox"/> Haloacetic Acids <input type="checkbox"/> Chlorite <input type="checkbox"/> Bromate	<p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample <input type="checkbox"/> Qtrly Composite*	<p><u>Secondaries</u></p> <input type="checkbox"/> All 14 <input type="checkbox"/> Partial
--	--	---	--	---	---

LAB CERTIFICATION

I, Sarah Noonan, Project Manager, do HEREBY CERTIFY
 (Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: *Sarah Noonan* Date: 10/19/2023

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

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

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

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

COMPLIANCE DETERMINATION (to be completed by DEP or DOH – attach notes as necessary)

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

Person Notified: _____ Date Notified: 10/17/2023 DEP/DOH Reviewing Official: *[Signature]*

Reporting Format 62-550.730
 Effective January 1995, Revised December 2012

Page: 4 of 11

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T2320159001

PWS ID (From Page 1): 6530692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1040	Nitrate (as N)	10	mg/L	4.7		SM 4500NO3-F	0.0920	10/12/2023	08:34	E84589
1041	Nitrite (as N)	1	mg/L	0.081	U	SM 4500NO3-F	0.0810	10/12/2023	08:34	E84589

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – please type or print legibly)

System Name: Greenelefe Resort PWS I.D. #: 653-0692
System Type (check one): Community Nontransient Noncommunity Transient Noncommunity
Address: 3200 State Road 546
City: Haines City ZIP Code: 33844
Phone #: _____ Fax #: _____ E-Mail Address: _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: GL2 T232015907 Sample Date: 10-11-23 Sample Time: 0700 AM PM (Circle One)
Sample Location (be specific): POE well #10 Location Code: _____
Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.2 mg/L Field pH: 7.4
Sample Type (Check Only One) Reason(s) for Sample (Check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Distribution | <input checked="" type="checkbox"/> Routine Compliance with 62-550 | <input type="checkbox"/> Replacement (of Invalidated Sample) |
| <input type="checkbox"/> Entry Point (to Distribution) | <input type="checkbox"/> Confirmation of MCL Exceedance | <input type="checkbox"/> Special (not for compliance with 62-550) |
| <input type="checkbox"/> Plant Tap (not for compliance with 62-550) | <input type="checkbox"/> Composite of Multiple Sites | <input type="checkbox"/> Clearance (permitting) |
| <input type="checkbox"/> Raw (at well or intake) | <input type="checkbox"/> Other: _____ | |
| <input type="checkbox"/> Max Residence Time | Sampling Procedure Used or Other Comments: | |
| <input type="checkbox"/> Ave Residence Time | | |
| <input type="checkbox"/> Near First Customer | | |

Nitrite/Nitrate _____
8.0 mg/L (0.7 mg/L as N) is the maximum contaminant level for nitrite in drinking water. Nitrite is a known carcinogen and can cause methemoglobinemia, a condition that interferes with the blood's ability to carry oxygen. Nitrate is a known carcinogen and can cause methemoglobinemia, a condition that interferes with the blood's ability to carry oxygen.

SAMPLER CERTIFICATION

I, Dean T. Fletcher, Operator, do HEREBY CERTIFY

that the above public water system and sample collection information is complete and correct.

Signature: [Signature] Date: 10-11-23

Certified Operator #: C26818 Phone #: 3522320692 Sampler's Fax #: _____

Sampler's E-mail: dfletcher@uswatercorp.net

[Signature]

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

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

Lab Name: Advanced Environmental Laboratories, Inc. Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2024

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 9610 Princess Palm Ave, Tampa, FL 33619 Phone #: (813) 630-9616

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

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 10/11/2023

PWS ID: (From Page 1): 6530692 Sample Number (From Page 1): T2320159002 Lab Assigned Report # Or Job ID: T2320159

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- | | | | | | |
|--|--|----------------------------------|---|---|----------------------------------|
| <u>Inorganics</u> | <u>Synthetic Organics</u> | <u>Volatile Organics</u> | <u>Disinfection Byproducts</u> | <u>Radionuclides</u> | <u>Secondaries</u> |
| <input type="checkbox"/> All except Asbestos | <input type="checkbox"/> All 30 | <input type="checkbox"/> All 21 | <input type="checkbox"/> Trihalomethanes | <input type="checkbox"/> Single Sample | <input type="checkbox"/> All 14 |
| <input type="checkbox"/> Partial | <input type="checkbox"/> All Except Dioxin | <input type="checkbox"/> Partial | <input type="checkbox"/> Haloacetic Acids | <input type="checkbox"/> Qtrly Composite* | <input type="checkbox"/> Partial |
| <input checked="" type="checkbox"/> Nitrate | <input type="checkbox"/> Partial | | <input type="checkbox"/> Chlorite | | |
| <input checked="" type="checkbox"/> Nitrite | <input type="checkbox"/> Dioxin Only | | <input type="checkbox"/> Bromate | | |
| <input type="checkbox"/> Asbestos | | | | | |

LAB CERTIFICATION

I, Sarah Noonan, Project Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: *Sarah Noonan* Date: 10/19/2023

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

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

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

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

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

Person Notified: _____ Date Notified: 11/7/23 DEP/DOH Reviewing Official: *[Signature]*

Reporting Format 62-550.730
Effective January 1995, Revised December 2012

Page: 7 of 11

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T2320159002

PWS ID (From Page 1): 653 0692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1040	Nitrate (as N)	10	mg/L	4.3		SM 4500NO3-F	0.0920	10/12/2023	08:35	E84589
1041	Nitrite (as N)	1	mg/L	0.081	U	SM 4500NO3-F	0.0810	10/12/2023	08:35	E84589

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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



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

System Name: Crewate Result PWS I.D. #: 653-0092

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

Address: _____

City: _____ ZIP Code: _____

Phone # _____ Fax #: _____ E-Mail Address: mrotteveel@uswatercorp.net

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: T2123644001-004 Sample Date: 12/13/2021 Sample Time: 0900 AM PM (Circle One)

Sample Location (be specific): P.O.F Location Code: South 92

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.06 mg/L Field pH: 7.7

Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

Reason(s) for Sample (Check all that apply)

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance*
- Composite of Multiple Sites**
- Other: Kimcraft Secondary
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

all took from P.O.F

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

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

ENTERED

MAR 24 2022

[Handwritten signature]

SAMPLER CERTIFICATION

I, Arrew Lubber, Operator, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: [Handwritten Signature] Date: 12/13/2021

Certified Operator # 24128 Phone #: 843-397-8931 Sampler's Fax #: _____

Sampler's E-mail: _____

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

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

Lab Name: Advanced Environmental Laboratories, Inc. Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2022

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 9610 Princess Palm Avenue, Tampa, FL 33619 Phone #: 813-630-9616

Were any analyses subcontracted Yes No If yes, please provide DOH certification number(s): E82574

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 12/13/2021

PWS ID: (From Page 1): 6530692 Sample Number (From Page 1): T2123644001 Lab Assigned Report # Or Job ID: T2123644

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input type="checkbox"/> All except Asbestos	<input type="checkbox"/> All 30	<input type="checkbox"/> All 21	<input type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input type="checkbox"/> All 14
<input type="checkbox"/> Partial	<input checked="" type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite*	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

LAB CERTIFICATION

I, Mijca Uvino, Project Manager Assistant, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 1/14/2022

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

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

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

Person Notified: _____ Date Notified: 3/24/22 DEP/DOH Reviewing Official: 

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

SYNTHETIC ORGANICS
62-550.310(4)(b)

Report Number / Job ID: T2123644001 PWS ID (From Page 1):

6530692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	RDL	Extraction Date	Analysis Date	Analysis Time	DOH Lab Certification #
2005	Endrin	2	ug/L	0.0069	U	EPA 508	0.0069	0.01	12/15/2021	12/24/2021	21:14	E82574
2010	Lindane	0.2	ug/L	0.0071	U	EPA 508	0.0071	0.02	12/15/2021	12/24/2021	21:14	E82574
2015	Methoxychlor	40	ug/L	0.0068	U	EPA 508	0.0068	0.1	12/15/2021	12/24/2021	21:14	E82574
2020	Toxaphene	3	ug/L	0.12	U	EPA 508	0.12	1	12/15/2021	12/24/2021	21:14	E82574
2031	Dalapon	200	ug/L	0.90	U	EPA 515.3	0.90	1	12/21/2021	12/24/2021	03:33	E82574
2032	Diquat	20	ug/L	0.37	U	EPA 549.2	0.37	0.4	12/15/2021	12/22/2021	11:59	E82574
2033	Endothal	100	ug/L	6.0	U	EPA 548.1	6.0	9	12/15/2021	12/17/2021	17:31	E82574
2034	Glyphosate	700	ug/L	5.9	U	EPA 547	5.9	6		12/25/2021	19:54	E82574
2035	Di(2-ethylhexyl)adipate	400	ug/L	0.50	U	EPA 525.2	0.50	0.6	01/03/2022	01/05/2022	15:05	E82574
2036	Oxamyl (Vydate)	200	ug/L	1.8	U	EPA 531.1	1.8	2		12/31/2021	02:29	E82574
2037	Simazine	4	ug/L	0.060	U	EPA 525.2	0.060	0.07	01/03/2022	01/05/2022	15:05	E82574
2039	Di(2-ethylhexyl)phthalate	6	ug/L	0.50	U	EPA 525.2	0.50	0.6	01/03/2022	01/05/2022	15:05	E82574
2040	Pidoram	500	ug/L	0.090	U	EPA 515.3	0.090	0.1	12/21/2021	12/24/2021	03:33	E82574
2041	Dinoseb	7	ug/L	0.18	U	EPA 515.3	0.18	0.2	12/21/2021	12/24/2021	03:33	E82574
2042	Hexachlorocyclopentadine	50	ug/L	0.019	U	EPA 508	0.019	0.1	12/15/2021	12/24/2021	21:14	E82574
2046	Carbofuran	40	ug/L	0.51	U	EPA 531.1	0.51	0.9		12/31/2021	02:29	E82574
2050	Atrazine	3	ug/L	0.090	U	EPA 525.2	0.090	0.1	01/03/2022	01/05/2022	15:05	E82574
2051	Alachlor	2	ug/L	0.15	U	EPA 525.2	0.15	0.2	01/03/2022	01/05/2022	15:05	E82574
2065	Heptachlor	0.4	ug/L	0.0060	U	EPA 508	0.0060	0.04	12/15/2021	12/24/2021	21:14	E82574
2067	Heptachlor Epoxide	0.2	ug/L	0.0052	U	EPA 508	0.0052	0.02	12/15/2021	12/24/2021	21:14	E82574
2105	2,4-D	70	ug/L	0.095	U	EPA 515.3	0.095	0.1	12/21/2021	12/24/2021	03:33	E82574
2110	2,4,5-TP (Silvex)	50	ug/L	0.090	U	EPA 515.3	0.090	0.2	12/21/2021	12/24/2021	03:33	E82574
2274	Hexachlorobenzene	1	ug/L	0.0063	U	EPA 508	0.0063	0.1	12/15/2021	12/24/2021	21:14	E82574
2306	Benzo(a)pyrene	0.2	ug/L	0.015	U	EPA 525.2	0.015	0.02	01/03/2022	01/05/2022	15:05	E82574
2326	Pentachlorophenol	1	ug/L	0.038	U	EPA 515.3	0.038	0.04	12/21/2021	12/24/2021	03:33	E82574
2383	Polychlorinated biphenyls (PCBs)	0.5	ug/L	0.093	U	EPA 508	0.093	0.1	12/15/2021	12/24/2021	21:14	E82574
2931	Dibromochloropropane	0.2	ug/L	0.0051	U	EPA 504.1	0.0051	0.02	12/14/2021	12/15/2021	09:53	E84589
2946	Ethylene Dibromide (EDB)	0.02	ug/L	0.0079	U	EPA 504.1	0.0079	0.01	12/14/2021	12/15/2021	09:53	E84589
2959	Chlordane	2	ug/L	0.053	U	EPA 508	0.053	0.2	12/15/2021	12/24/2021	21:14	E82574

Note: Results indicating non-detection with a reported lab MDL >50% of the MCL will not be accepted for compliance.

Reporting Format 62-550.730
Effective January 1995, Revised December 2012

Page: 3 of 18

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

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

Lab Name: Advanced Environmental Laboratories, Inc. Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2022

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 9610 Princess Palm Avenue, Tampa, FL 33619 Phone #: 813-630-9616

Were any analyses subcontracted Yes No If yes, please provide DOH certification number(s): E82001, E82574

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 12/13/2021

PWS ID: (From Page 1): 6530692 Sample Number (From Page 1): T2123644002 Lab Assigned Report # Or Job ID: T2123644

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- | | | | | | |
|---|--|----------------------------------|---|---|--|
| <u>Inorganics</u> | <u>Synthetic Organics</u> | <u>Volatile Organics</u> | <u>Disinfection Byproducts</u> | <u>Radionuclides</u> | <u>Secondaries</u> |
| <input checked="" type="checkbox"/> All except Asbestos | <input type="checkbox"/> All 30 | <input type="checkbox"/> All 21 | <input type="checkbox"/> Trihalomethanes | <input type="checkbox"/> Single Sample | <input checked="" type="checkbox"/> All 14 |
| <input type="checkbox"/> Partial | <input type="checkbox"/> All Except Dioxin | <input type="checkbox"/> Partial | <input type="checkbox"/> Haloacetic Acids | <input type="checkbox"/> Qtrly Composite* | <input type="checkbox"/> Partial |
| <input type="checkbox"/> Nitrate | <input type="checkbox"/> Partial | | <input type="checkbox"/> Chlorite | | |
| <input type="checkbox"/> Nitrite | <input type="checkbox"/> Dioxin Only | | <input type="checkbox"/> Bromate | | |
| <input type="checkbox"/> Asbestos | | | | | |

LAB CERTIFICATION

I, Mijca Uvino, Project Manager Assistant, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 1.14.2022

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


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

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

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

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

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

Person Notified: _____ Date Notified: 3/24/22 DEP/DOH Reviewing Official: 

Reporting Format 62-550.730
Effective January 1995, Revised December 2012

Page: 6 of 18

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ? are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: T2123644002

PWS ID (From Page 1): 6530692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1040	Nitrate (as N)	10	mg/L	4		SM 4500NO3-F	0.46	12/14/2021	14:05	E84589
1041	Nitrite (as N)	1	mg/L	0.40	U	SM 4500NO3-F	0.40	12/14/2021	14:05	E84589
1005	Arsenic	0.01	mg/L	0.0011		EPA 200.8	0.00025	12/14/2021	23:03	E82574
1010	Barium	2	mg/L	0.022		EPA 200.8	0.00050	12/14/2021	23:03	E82574
1015	Cadmium	0.005	mg/L	0.00025	U	EPA 200.8	0.00025	12/14/2021	23:03	E82574
1020	Chromium	0.1	mg/L	0.50	U	EPA 200.8	0.50	12/14/2021	23:03	E82574
1024	Cyanide	0.2	mg/L	0.0040	U	SM 4500-CN-E	0.0040	12/21/2021	10:28	E84589
1025	Fluoride	4	mg/L	0.40	U	EPA 300.0	0.40	12/20/2021	15:24	E84589
1030	Lead	0.015	mg/L	0.00050	U	EPA 200.8	0.00050	12/14/2021	23:03	E82574
1035	Mercury	0.002	mg/L	0.000028	U	EPA 245.1	0.000028	12/14/2021	15:09	E84589
1036	Nickel	0.1	mg/L	1.5	I	EPA 200.8	1.2	12/14/2021	23:03	E82574
1045	Selenium	0.05	mg/L	0.0012	U	EPA 200.8	0.0012	12/14/2021	23:03	E82574
1052	Sodium	160	mg/L	6.9		EPA 200.7	0.80	12/20/2021	18:50	E82574
1074	Antimony	0.006	mg/L	0.0010	U	EPA 200.8	0.0010	12/14/2021	23:03	E82574
1075	Beryllium	0.004	mg/L	0.0020	U	EPA 200.7	0.0020	12/20/2021	18:50	E82574
1085	Thallium	0.002	mg/L	0.00025	U	EPA 200.8	0.00025	12/14/2021	23:03	E82574

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

SECONDARY CONTAMINANTS
62-550.320

Report Number / Job ID: T2123644002

PWS ID (From Page 1): 6530692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.020	U	EPA 200.7	0.020	12/20/2021	18:50	E82574
1017	Chloride	250	mg/L	14		EPA 300.0	2.0	12/20/2021	15:24	E84589
1022	Copper	1	mg/L	0.0010	U	EPA 200.8	0.0010	12/14/2021	23:03	E82574
1025	Fluoride	2	mg/L	0.40	U	EPA 300.0	0.40	12/20/2021	15:24	E84589
1028	Iron	0.3	mg/L	0.0067	U	EPA 200.7	0.0067	12/23/2021	12:14	E84589
1032	Manganese	0.05	mg/L	0.0010	U	EPA 200.8	0.0010	12/14/2021	23:03	E82574
1050	Silver	0.1	mg/L	0.00050	U	EPA 200.8	0.00050	12/14/2021	23:03	E82574
1055	Sulfate	250	mg/L	34		EPA 300.0	2.0	12/20/2021	15:24	E84589
1095	Zinc	5	mg/L	0.050	U	EPA 200.7	0.050	12/20/2021	18:50	E82574
1905	Cobr	15	CU	4.3	U	SM 2120 B	4.3	12/13/2021	17:28	E84589
1920	Odor	3	TON	1.0	U	SM 2150 B	1.0	12/13/2021	17:02	E84589
1925	pH (field pH from page 1)	6.5 - 8.5		7.20		SM 4500H+B	0.1	12/17/2021	15:00	E84589
1930	Total Dissolved Solids	500	mg/L	186		SM 2540 C	10	12/15/2021	16:00	E84589
2905	Foaming Agents	0.5	mg/L	0.07	I	SM 5540 C	0.040	12/14/2021	10:30	E82001



*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ? are unacceptable for compliance with 62-550. Results qualified with J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

RADIONUCLIDES
62-550.310(6)

Report Number / Job ID: T2123644003

PWS ID (From Page 1): 6530692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	RDL	Analysis Error	Analysis Date	Analysis Time	DOH Lab Certification #
4006	Combined Uranium	30	ug/L	0.57	I	EPA 200.8	0.20	1		12/14/2021	23:09	E82574

** If the result exceeds 5 pCi/L, a measurement for radium-226 is required. Uranium is reported separately under Contam ID 4006.

*** If the results exceed 5 pCi/L, a measurement for radium-226 is required. If the results exceed 15 pCi/L, a measurement for Combined Uranium must be reported separately. The DEP/DOH will subtract the U value from the Gross Alpha (ID 4002) to determine compliance with MCL for Gross Alpha (Excl. U) of 15pCi/L. If the result for ID 4002 Gross Alpha (Including Uranium) does not exceed 15pCi/L, Combined Uranium need not be measured nor reported.

**** If using Uranium testing methods ASTM D5174 or EPA 200.8 only, then Analysis Error need not be reported.



*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

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

Lab Name: KNL Environmental Testing Florida DOH Certification #: E84025 Certification Expiration Date: June Renewal

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 3202 N. Florida Ave. Tampa, FL 33603 Phone #: 813-229-2879

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

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB*

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 12-15-21

PWS ID (From Pg 1): 6530692 Sample # (From Pg 1): T212 3644003 Lab Assigned Report # or Job ID: 21.19427


Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- | | | | | | |
|--|--|---|--|---|---|
| Inorganics
<input type="checkbox"/> All Except Asbestos
<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate
<input type="checkbox"/> Nitrite
<input type="checkbox"/> Asbestos | Synthetic Organics
<input type="checkbox"/> All 30
<input type="checkbox"/> All Except Dioxin
<input type="checkbox"/> Partial
<input type="checkbox"/> Dioxin Only | Volatile Organics
<input type="checkbox"/> All 21
<input type="checkbox"/> Partial | Disinfection Byproducts
<input type="checkbox"/> Trihalomethanes
<input type="checkbox"/> Haloacetic Acids
<input type="checkbox"/> Chlorite
<input type="checkbox"/> Bromate | Radionuclides
<input checked="" type="checkbox"/> Single Sample
<input type="checkbox"/> Qtrly Composite** | Secondaries
<input type="checkbox"/> All 14
<input type="checkbox"/> Partial |
|--|--|---|--|---|---|

LAB CERTIFICATION

I, Thomas Weeks, Laboratory Director, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

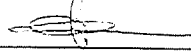
Signature:  Date: 12-27-21

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

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES
 NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)**

COMPLIANCE DETERMINATION (to be completed by DEP or DOH – attach notes as necessary)

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

Person Notified: _____ Date Notified: 3/24/22 DEP/DOH Reviewing Official: 

KNL Environmental Testing
 3202 N. Florida Ave.
 Tampa, FL 33603

Ph: (813) 229-2879 Fax: (813) 229-0002

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

RADIONUCLIDES
 62-550.310(6)

KNL Report Number/Job ID: 21.19427
 PWS ID(From Page 1): 6530692

Client ID: AEL-Tampa T2123644003

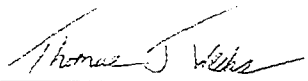
Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier *	Analytical Method	Lab MDL	RDL	Analysis Error	Analysis Date	Analysis Time	DOH Lab Certification #
4002	Gross Alpha (incl Uranium)	15 ***	pCi/L	1.4	I	EPA 900.0	1.0	3	0.8	12-22-21	0812	E84025
4020	Radium-226	5	pCi/L	0.8	I	EPA 903.0 *****	0.4	1	0.3	12-21-21	1627	E84025
4030	Radium-228		pCi/L	0.6	U	EPA Ra-05	0.6	1	0.6	12-21-21	1237	E84025

Reporting Format 62-550.730
 Effective January 1995, Revised February 2010.

- * Qualifier Codes: U = indicates that the compound was analyzed for but not detected.
 I = the reported value is between the laboratory detection limit and the laboratory practical quantitation limit.
- ** If the result exceeds 5 pCi/L, a measurement for radium-226 is required. Uranium is reported separately under Contam ID 4006.
- *** If the results exceed 5 pCi/L, a measurement for radium-226 is required. If the results exceed 15 pCi/L, a measurement for Combined Uranium must be reported separately. The DEP/DOH will subtract the U value from the Gross Alpha (ID 4002) to determine compliance with MCL for Gross Alpha (Excl.U) of 15 pCi/L. If the result for ID 4002 Gross Alpha (incl.Uranium) does not exceed 15 pCi/L, Combined Uranium need not be measured nor reported.
- **** If using Uranium testing methods ASTM D5174 or EPA 200.8 only, then Analysis Error need not be reported.
- ***** 90% carrier recovery

Page of

Test results meet all requirements of the 2016 TNI standards. Statement of estimated uncertainty available upon request. Test results refer only to sample(s) listed.
 Contact person: Thomas Weeks (813) 229-2879.

Approved by: 
 Thomas J. Weeks
 Laboratory Director

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

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

Lab Name: Advanced Environmental Laboratories, Inc. Florida DOH Certification #: E84589 Certification Expiration Date: 06/30/2022

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 9610 Princess Palm Avenue, Tampa, FL 33619 Phone #: 813-630-9616

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

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 12/13/2021

PWS ID: (From Page 1): 6530692 Sample Number (From Page 1): T2123644004 Lab Assigned Report # Or Job ID: T2123644

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- | | | | | | |
|--|--|--|---|---|----------------------------------|
| <u>Inorganics</u> | <u>Synthetic Organics</u> | <u>Volatile Organics</u> | <u>Disinfection Byproducts</u> | <u>Radionuclides</u> | <u>Secondaries</u> |
| <input type="checkbox"/> All except Asbestos | <input type="checkbox"/> All 30 | <input checked="" type="checkbox"/> All 21 | <input type="checkbox"/> Trihalomethanes | <input type="checkbox"/> Single Sample | <input type="checkbox"/> All 14 |
| <input type="checkbox"/> Partial | <input type="checkbox"/> All Except Dioxin | <input type="checkbox"/> Partial | <input type="checkbox"/> Haloacetic Acids | <input type="checkbox"/> Qtrly Composite* | <input type="checkbox"/> Partial |
| <input type="checkbox"/> Nitrate | <input type="checkbox"/> Partial | | <input type="checkbox"/> Chlorite | | |
| <input type="checkbox"/> Nitrite | <input type="checkbox"/> Dioxin Only | | <input type="checkbox"/> Bromate | | |
| <input type="checkbox"/> Asbestos | | | | | |

LAB CERTIFICATION

I, Mijca Uvino, Project Manager Assistant, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 1/14/2022

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

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

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

Person Notified: _____ Date Notified: 3/24/22 DEP/DOH Reviewing Official: 

Reporting Format 62-550.730
Effective January 1995. Revised December 2012

Page: 15 of 18

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

VOLATILE ORGANICS
62-550.310(4)(a)

Report Number / Job ID: T2123644004

PWS ID (From Page 1): 6530692

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	RDL	Analysis Date	Analysis Time	DOH Lab Certification #
2378	1,2,4-Trichlorobenzene	70	ug/L	0.44	U	EPA 524.2	0.44	0.5	12/14/2021	23:39	E84589
2380	cis-1,2-Dichloroethylene	70	ug/L	0.27	U	EPA 524.2	0.27	0.5	12/14/2021	23:39	E84589
2955	Xylenes (total)	1000	ug/L	0.44	U	EPA 524.2	0.44	0.5	12/14/2021	23:39	E84589
2964	Dichloromethane	5	ug/L	0.44	U	EPA 524.2	0.44	0.5	12/14/2021	23:39	E84589
2968	o-Dichlorobenzene	600	ug/L	0.39	U	EPA 524.2	0.39	0.5	12/14/2021	23:39	E84589
2969	para-Dichlorobenzene	75	ug/L	0.33	U	EPA 524.2	0.33	0.5	12/14/2021	23:39	E84589
2976	Vinyl Chloride	1	ug/L	0.29	U	EPA 524.2	0.29	0.5	12/14/2021	23:39	E84589
2977	1,1-Dichloroethylene	7	ug/L	0.22	U	EPA 524.2	0.22	0.5	12/14/2021	23:39	E84589
2979	trans-1,2-Dichloroethylene	100	ug/L	0.21	U	EPA 524.2	0.21	0.5	12/14/2021	23:39	E84589
2980	1,2-Dichloroethane	3	ug/L	0.24	U	EPA 524.2	0.24	0.5	12/14/2021	23:39	E84589
2981	1,1,1-Trichloroethane	200	ug/L	0.29	U	EPA 524.2	0.29	0.5	12/14/2021	23:39	E84589
2982	Carbon tetrachloride	3	ug/L	0.25	U	EPA 524.2	0.25	0.5	12/14/2021	23:39	E84589
2983	1,2-Dichloropropane	5	ug/L	0.26	U	EPA 524.2	0.26	0.5	12/14/2021	23:39	E84589
2984	Trichloroethylene	3	ug/L	0.14	U	EPA 524.2	0.14	0.5	12/14/2021	23:39	E84589
2985	1,1,2-Trichloroethane	5	ug/L	0.27	U	EPA 524.2	0.27	0.5	12/14/2021	23:39	E84589
2987	Tetrachloroethylene	3	ug/L	0.42	U	EPA 524.2	0.42	0.5	12/14/2021	23:39	E84589
2989	Monochlorobenzene	100	ug/L	0.36	U	EPA 524.2	0.36	0.5	12/14/2021	23:39	E84589
2990	Benzene	1	ug/L	0.26	U	EPA 524.2	0.26	0.5	12/14/2021	23:39	E84589
2991	Toluene	1000	ug/L	0.33	U	EPA 524.2	0.33	0.5	12/14/2021	23:39	E84589
2992	Ethylbenzene	700	ug/L	0.31	U	EPA 524.2	0.31	0.5	12/14/2021	23:39	E84589
2996	Styrene	100	ug/L	0.25	U	EPA 524.2	0.25	0.5	12/14/2021	23:39	E84589

Note: Results indicating non-detection with a reported lab MDL > .5 µg/L will not be accepted for compliance.

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

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

Page _____ of _____



- Altamonte Springs: 380 Norwalk Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Fax 407.937.1597 Lab ID: E53076
- Fort Myers: 13100 Westlink Terrace, Ste. 10, FL 33913 • 239.674.8130 • Fax 239.674.8128 Lab ID: E84492
- Jacksonville: 6691 Southport Pkwy., FL 32216 • 904.363.9350 • Fax 904.363.9354 Lab ID: E82574
- Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Fax 850.219.6275 Lab ID: E811095

- Gainesville: 4965 SW 41st Blvd., FL 32609 • 352.377.2349 • Fax 352.385.8539 Lab ID: E82001
- Miramar: 10200 USA Today Way, FL 33025 • 954.889.2283 • Fax 954.889.2281 Lab ID: E82535
- Tampa: 9610 Process Palm Ave., FL 33619 • 813.630.9616 • Fax 813.630.4327 Lab ID: E84589

Client Name: <i>US Water Corp</i>		Project Name: <i>Crow Lake</i>		BOTTLE SIZE & TYPE	ANALYSIS REQUIRED	LABORATORY I.D. NUMBER
Address:		Project Number:				
Phone:		PO Number:				
FAX:		FDEP Facility No:				
Contact: <i>Angel</i>		FDEP Facility Address:				
Special Instructions: <i>#6 Primary + Secondary Kit</i>		Special Instructions:				
Turn Around Time: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH		Special Instructions:		BAS 206, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000		
SPECIAL INSTRUCTIONS: <i>#6 Primary + Secondary Kit</i>		SPECIAL INSTRUCTIONS:				
Turn Around Time: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH		SPECIAL INSTRUCTIONS:				
AEL Profile #:		SPECIAL INSTRUCTIONS:				
SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:				
SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:				

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preservation		LABORATORY I.D. NUMBER
			DATE	TIME			Field	Filtered?	
<i>ALL</i>	<i>POE</i>	<i>6</i>	<i>12/30/09</i>	<i>0900</i>	<i>DW</i>				<i>001</i>
									<i>002</i>
									<i>003</i>
									<i>004</i>

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice Yes No Temp taken from sample Temp from blank Where required, pH checked Temp. when received (observed) *12* °C Temp. when received (corrected) *12* °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J:9A G:LT-1 T:10A A:3A M:3A S:1V F:1A

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	<i>12/30/09</i>	<i>1212</i>	<i>[Signature]</i>	<i>12/30/09</i>	<i>1212</i>
<i>[Signature]</i>	<i>12/30/09</i>	<i>1212</i>	<i>[Signature]</i>	<i>12/30/09</i>	<i>1212</i>

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied) PWS ID: _____

Contact Person: _____ Phone: _____

Supplier of Water: _____

Site Address: _____

*Results must be reported with appropriate qualifiers in accordance with Florida Administration Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a, J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

RECEIVED

APR 22 2020

Environmental Health
FDOH - Bartow

HYDROPNEUMATIC WATER TANK OUT-OF-SERVICE (INTERNAL/EXTERNAL) INSPECTION REPORT

GRENELEFE UTILITIES
WINTER HAVEN, FL

plnt #1

~~6530~~

Grenelefe Resort LLC

6530 692

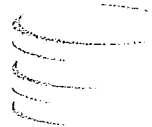
Plant #1

Entered by Alon 4/22/20

AS

HYDROPNEUMATIC TANK
WATER PLANT #10
10'-0" \varnothing x 40'-0"
25,000 GALLONS

MARCH 9, 2020



TANK

4000 STATE ROAD 60 EAST
MULBERRY, FL 33860
PHONE 863-354-9010
FL. CA No. 32743
tankteam.com

TABLE OF CONTENTS

EXECUTIVE SUMMARY..... 3

REPAIRS 4

 Recommended 4

INSPECTION INTERVALS 4

VESSEL DATA 5

INSPECTION RESULTS 6

 Shell..... 6

 Shell Nozzles and Appurtenances 6

 Heads..... 6

 Head Nozzles and Appurtenances..... 6

 Coatings 6

 Foundation 6

 Minimum Thickness 7

 Shell 7

 Heads 7

 Shell Pressure..... 8

 Heads Pressure..... 8

 Corrosion Rates..... 9

 Shell 9

 Heads 9

 Remaining Life 9

 Shell 9

 Heads..... 9

CONCLUSION 10

APPENDIX A – INSPECTION METHODOLOGY AND PROCEDURES 11

 Definitions 12

 Field Inspection..... 13

 Inspection Personnel 13

 Inspection Procedures 13

 Inspection Equipment and Instruments..... 13

 Engineering Review 14

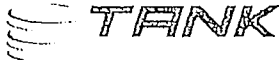
 Engineering Personnel..... 14

 Evaluation Procedures 14

APPENDIX B – PHOTOGRAPHS..... 15

APPENDIX C – DRAWINGS..... 20

APPENDIX D – LICENSES AND CERTIFICATIONS 21



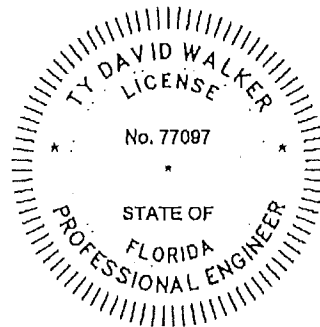
EXECUTIVE SUMMARY

RE: Out-of-Service (Internal/External) Inspection Report
Grenelefe Utilities – Winter Haven, FL
Water Plant #10 – 25,000 Gallon
Tank Engineering Project No. 19-170

An Out-of-Service (Internal/External) Inspection was completed on the above referenced vessel by Tank Engineering on March 9, 2020 as required by Florida Department of Environmental Protection (FDEP) Rule 62-555. The out-of-service inspection was completed at the client's request to determine the vessel's suitability for service in regard to American Petroleum Institute (API) Standard 510 and The American Society for Mechanical Engineers (ASME) Section VIII were utilized as criteria for the inspection and analysis where applicable.

The vessel was found to be in overall fair condition. The exterior coating was found to be in good condition. The interior coating was found to be in poor condition with coating failure and corrosion throughout. Scattered pitting, measured at 3/16" in depth, was identified throughout the internal. Two areas of pitting on the South head measured 5/16" in depth were noted. The saddles were found to be in good condition.

This vessel appears to be suitable for continued service at the current calculated operating pressure shown on page 8.



2020.03.30 13:19:20 -04'00'

Inspected By:

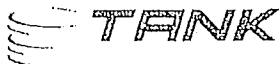
Clark Joe Stine
API 510 Certified Inspector No. 64450

Reviewed By:

This report has been digitally signed and sealed by Ty David Walker on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Ty David Walker, P.E.
Florida P.E. No. 77097



REPAIRS

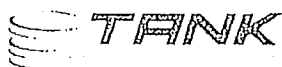
Recommended

1. Repair pitting area identified on South shell course due to remaining thickness being below minimum required thickness (for an operating pressure of 68psi).
2. The interior areas of coating failure should be cleaned and coated with a National Sanitation Foundation (NSF) approved tank lining system, per FDEP Rule 62-555.350(2).
3. Lift the tank and clean, prepare and coat the contact area between the shell and saddles to mitigate any corrosion that may be present.

INSPECTION INTERVALS

In accordance with FDEP Rule 62-555:

The next Out-of-Service (Internal/External) inspection will be required by **March, 2025**.



Grenelefe Utilities – Winter Haven, FL

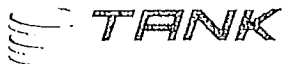
Water Plant #10

March 2020

VESSEL DATA

General		Coatings	
Owner:	Grenelefe Utilities	Shell:	Epoxy
Location:	Winter Haven, FL	Heads:	Epoxy
Diameter:	10'-0"	Insulated:	No
Length:	40'-0"	Operational Information	
Capacity (Gallons):	25,000		
Manufacturer:	Buffalo Tank Division	Maximum Working Pressure:	68 Psi
Year Built:	1983	Maximum Operating Temperature:	450°F
Design Standard:	ASME Section VIII Div. 1		
Construction Material:	Unknown		
Design Pressure:	125 Psi		
Foundation Type:	2 Steel Saddles		
Head Type:	Ellipsoidal		
Head Construction:	Seamless 7/16"		
Shell Construction:	Butt-Welded 1/2"		
Last Internal Inspection Date:	2015		
Last External Inspection Date:	2015		

Table – 1: Vessel Data



INSPECTION RESULTS

Shell

The vessel shell appeared to be in overall fair condition at the time of inspection. Ultrasonic Thickness Measurements (UTMs) were taken on the tank shell at Condition Monitoring Locations (CMLs) chosen by the inspector. Thicknesses found at the time of inspection ranged from 0.497" to 0.525", with an average thickness of 0.512".

Areas of pitting was identified on internal shell surfaces measuring up to 3/16" depth. Remaining thickness in these areas is 0.324" (0.512" [average shell thickness] – 0.1875" [pitting depth]). It is recommended the pitted area be repaired as the remaining thickness is below the minimum required thickness of 0.565" with an operating pressure of 68psi.

Shell Nozzles and Appurtenances

All shell nozzles and appurtenances appeared to be in good condition.

Heads

The vessel was constructed with ellipsoidal heads. The heads appeared to be in overall fair condition at the time of inspection. UTMs were taken on the tank heads at CMLs chosen by the inspector. Thicknesses found at the time of inspection ranged from 0.433" to 0.492", with an average thickness of 0.467". Two isolated areas of 5/16" deep was noted on the South tank head. It is recommended to repair these areas of pitting.

Head Nozzles and Appurtenances

The head nozzles and appurtenances appeared to be in overall good condition.

Coatings

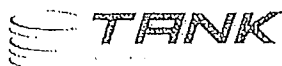
The interior coating was found to be in poor condition with coating failure and corrosion throughout. It is recommended that the internal be blasted and recoated.

The exterior shell and heads coatings were found to be in good condition.

The exterior coating on nozzles and appurtenances was found to be in overall good condition with minor surface corrosion.

Foundation

The site and base supporting the vessel appeared to be in good condition. This vessel rested on four steel saddles which rested on a concrete pier. The saddles were not sealed from moisture intrusion. The tank exterior surfaces between the shell and the saddles could not be inspected. Corrosion may have been present in these areas. The contact areas between the tank and saddles should be cleaned, prepared and painted to mitigate corrosion.



Minimum Thickness

This vessel was built using design parameters conforming to ASME Section VIII requirements for a code stamped tank. The information was obtained from Manufacturer's data plate for this inspection. The information indicates the tank shell was constructed of 0.312" and the heads were constructed of minimum 0.223". The material specifications were not available. Due to this situation, joint efficiency and allowable stress were determined following API 510 Section 7.7 (3) guidelines. The allowable pressure calculations below are based on ASME Section VIII. Based on current ASME Section VIII calculations using the aforementioned information, the minimum required thickness for this vessel can be confirmed using the following:

Shell

- P = Pressure (125 psi)
- E = Joint efficiency (85%)
- S = Allowable stress (15,700 psi)
- R = Tank radius (60")

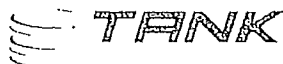
$$t = \frac{PR}{SE - 0.6P} = \frac{125 * 60}{15,700 * 0.85 - (0.6 * 125)} = \mathbf{0.565''}$$

Heads

- P = Pressure (125 psi)
- E = Joint efficiency (85%)
- S = Allowable stress (15,700 psi)
- D = Tank diameter (120")

$$t = \frac{PD}{2SE - 0.2P} = \frac{125 * 120}{2 * 15,700 * 0.85 - (0.2 * 125)} = \mathbf{0.562''}$$

The thickness of the shell and heads being less than the minimum thickness required to maintain the manufacturer's maximum allowable working pressure (MAWP) calls for the calculation of MAWP based on the minimum measured thicknesses of the tank shell and heads.



Shell Pressure

- p = Pressure (68psi)
- E = Joint efficiency (85%)
- t = Minimum shell thickness (0.306")
- S = Allowable stress (15,700 psi)
- R = Tank radius (60")

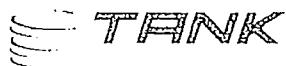
$$p = \frac{SEt}{R+0.6t} = \frac{15,700*0.85*0.306}{60+(0.6*0.306)} = 68 \text{ psi}$$

Heads Pressure

- p = Pressure (68psi)
- E = Joint efficiency (85%)
- t = Minimum head thickness (0.305")
- S = Allowable stress (15,700 psi)
- D = Tank Diameter (120")

$$p = \frac{2SEt}{D+0.2t} = \frac{2*15,700*0.85*0.305}{120+(0.2*0.305)} = 68 \text{ psi}$$

Based on the above calculations, MAWP for this vessel is 68 psi in order to remain in service as is until the next inspection cycle. **The pressure relief device should be set and maintained below 68 psi, due to the base metal being less than the required thickness.**



Corrosion Rates

- $t_{previous}$ = Initial thickness at the same CML as $t_{previous}$
- t_{actual} = Actual thickness of a CML measured during the most recent inspection
- Y = Time in years between $t_{previous}$ and t_{actual}

$$\text{Corrosion Rate (CR)} = \frac{t_{previous} - t_{actual}}{Y}$$

Shell

$$CR = \frac{.513 - .512}{5} = 0.0002 \text{ inches/year}$$

Heads

$$CR = \frac{.477 - .467}{5} = 0.002 \text{ inches/year}$$

Remaining Life

- t_{actual} = Actual thickness of a CML measured during the most recent inspection
- $t_{required}$ = Required thickness at the same CML as the t_{actual} measurement
- CR = Corrosion rate

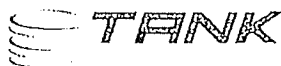
$$\text{Remaining Life} = \frac{t_{actual} - t_{required}}{CR}$$

Shell

$$\text{Remaining Life} = \frac{.512 - .306}{0.0002} = 100+ \text{ years}$$

Heads

$$\text{Remaining Life} = \frac{.467 - .305}{0.002} = 81 \text{ years}$$



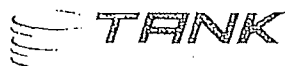
CONCLUSION

The vessel was found to be in overall fair condition. The exterior coating was found to be in good condition. The interior coating was found to be in poor condition with coating failure and corrosion throughout. Scattered pitting, measured at 3/16" in depth, was identified throughout the internal. Two areas of pitting on the South head measured 5/16" in depth were noted. The saddles were found to be in good condition.

This vessel appears to be suitable for continued service at the current calculated operating pressure shown on page 8.

Note: This report, the conclusions, recommendations, and comments contained in this report are based upon spot examinations from readily accessible parts of the tank. Should latent defects or conditions which vary significantly from those described in the report be discovered at a later date, these should be brought to the attention of a qualified individual at that time. These comments and recommendations should be viewed as information to be used by the Owner in determining the proper course of action and not to replace a complete set of specifications. All repair and maintenance work should be done in accordance with API 510 Standards. The preparation of specifications, project management, and the inspection of repairs and rehabilitation projects for water storage tanks is a specialized field and it is our recommendation that the Owner consider the use of engineers and technicians qualified by education and experience to handle these projects.

APPENDIX A – INSPECTION METHODOLOGY AND PROCEDURES



Definitions

Throughout this report, certain subjective terms will be used to describe the condition of various items. These terms are typically meant to imply the following definitions:

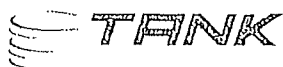
Good: Currently in nearly new condition. Minor defects may be present, but do not present a hindrance to the operation of the item.

Fair: Slightly less than ideal condition. This item has not failed, but is in a state of degradation that will likely result in failure in the near future.

Poor: The item has failed or is near failure.

The tank inspection consisted of two parts:

- 1) **Field Inspection**
- 2) **Engineering Review**



Field Inspection

The field inspection was performed in general accordance with API Standard 510 (Tenth Edition, May 2014) entitled "Pressure Vessel Inspection Code: In-Service Inspection, Rating, Repair, and Alteration".

Inspection Personnel

This inspection was performed by Clark Joseph Stine, Certified API 510 Pressure Vessel Inspector No. 64450, and Level II NDE technician.

Inspection Procedures

The inspection procedures follow the recommendations of API 510 as required, including:

1. The overall tank layout, physical measurements, and general site location
2. A visual inspection of the tank interior and exterior surfaces to evaluate:
 - a. Leaks
 - b. Shell distortions
 - c. Signs of corrosion
 - d. Condition of saddles/foundation
 - e. Condition of exterior coating
 - f. Condition of accessories
 - g. Condition of appurtenances
 - h. Condition of welds
 - i. Condition of insulation

Inspection Equipment and Instruments

1. Ultrasonic Thickness Measurements (UTMs) are taken on the nozzles, heads, and shell with an Olympus MG2 instrument utilizing the "echo-to-echo" technique and "coating eliminator" software. Instrument calibration is verified before and after testing is performed.
2. Prior to entering the vessel, internal testing of air quality and oxygen content is performed using a BW Honeywell GasAlert MicroClip XL 4-Gas Monitor MCXL-XWHM-Y-NA. Instrument calibration is verified before testing.
3. Individual surface pits are measured using a G.A.L V-WAC Gage.
4. Digital photographs are taken of all essential structures, appurtenances and deficiencies for historical records and report submittal.

Engineering Review

Tank Engineering
4000 State Road 60 East
Mulberry, FL 33860
863-354-9010
Florida Certificate of Authorization No. 32743

Engineering Personnel

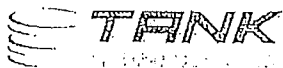
Ty David Walker, P.E.
Florida Professional Engineer License No. 77097

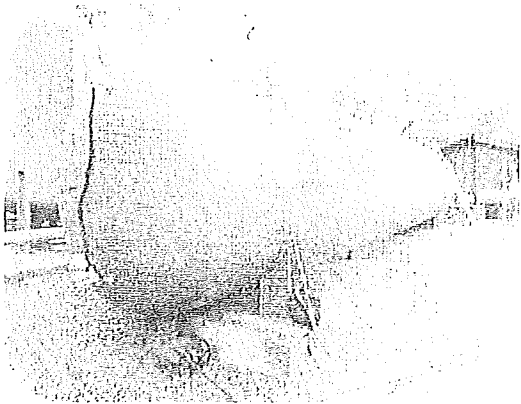
Evaluation Procedures

The engineering review includes checks of the following:

1. The equations used are appropriate for conditions being evaluated.
2. The calculations are performed correctly.
3. The correct data is chosen for input in evaluations.
4. The drawings are accurate to field observations.
5. The statements made are in compliance with applicable standards.

APPENDIX B – PHOTOGRAPHS

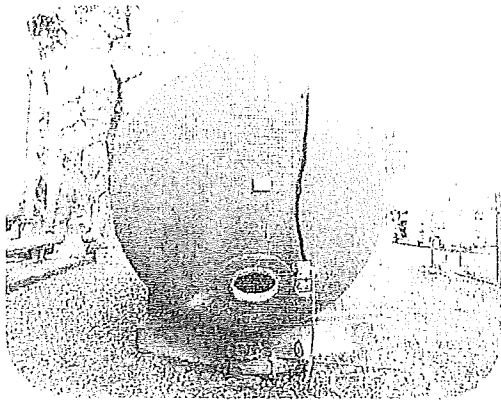




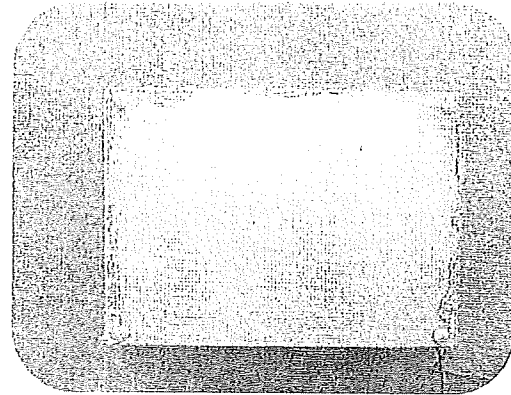
1. General Overall View of Tank



2. External North Tank Head



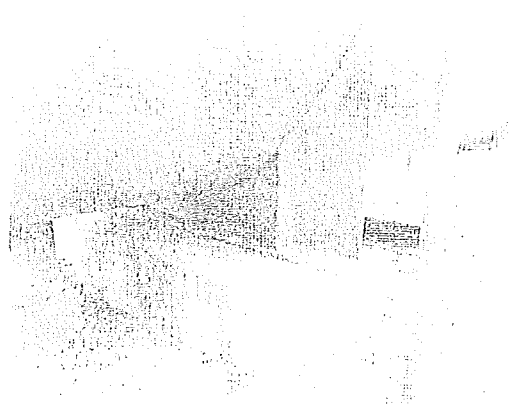
3. External South Tank Head



4. Tank Data Plate



5. Tank Drain



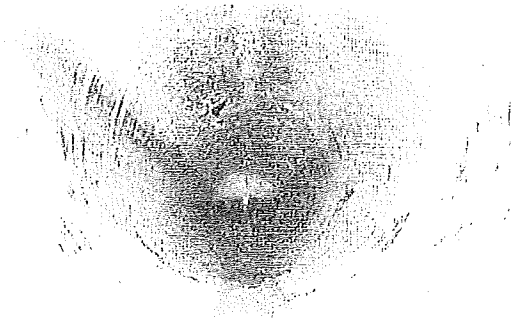
6. Saddle to Shell Connection



7. Tank Top



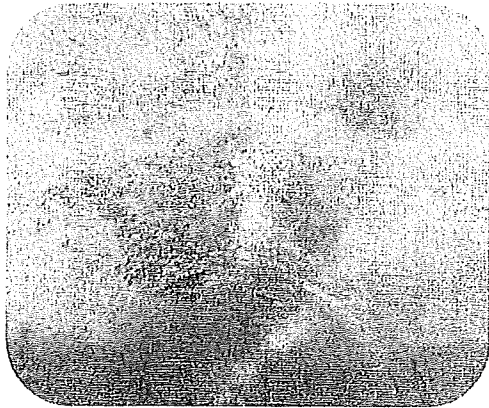
8. Vent



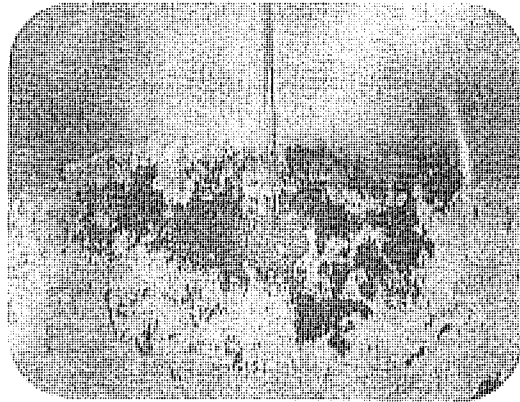
9. General Internal View Before Cleaning



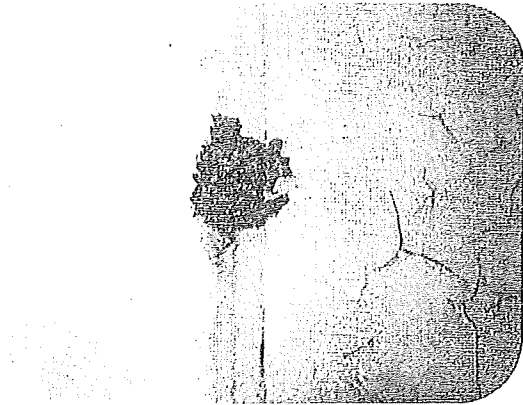
10. General Internal View After Cleaning



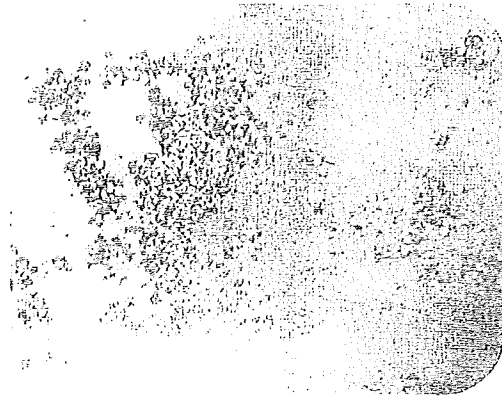
11. Internal Coating Failure on Weld



12. Internal Coating Failure



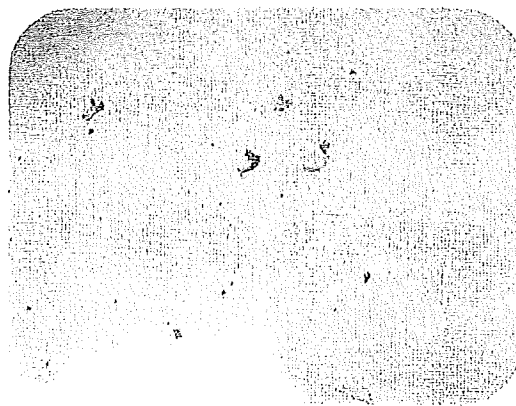
9. Internal Pitting of 3/16" Deep on Shell



10. Internal Pitting of 3/16" Deep on Shell

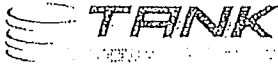


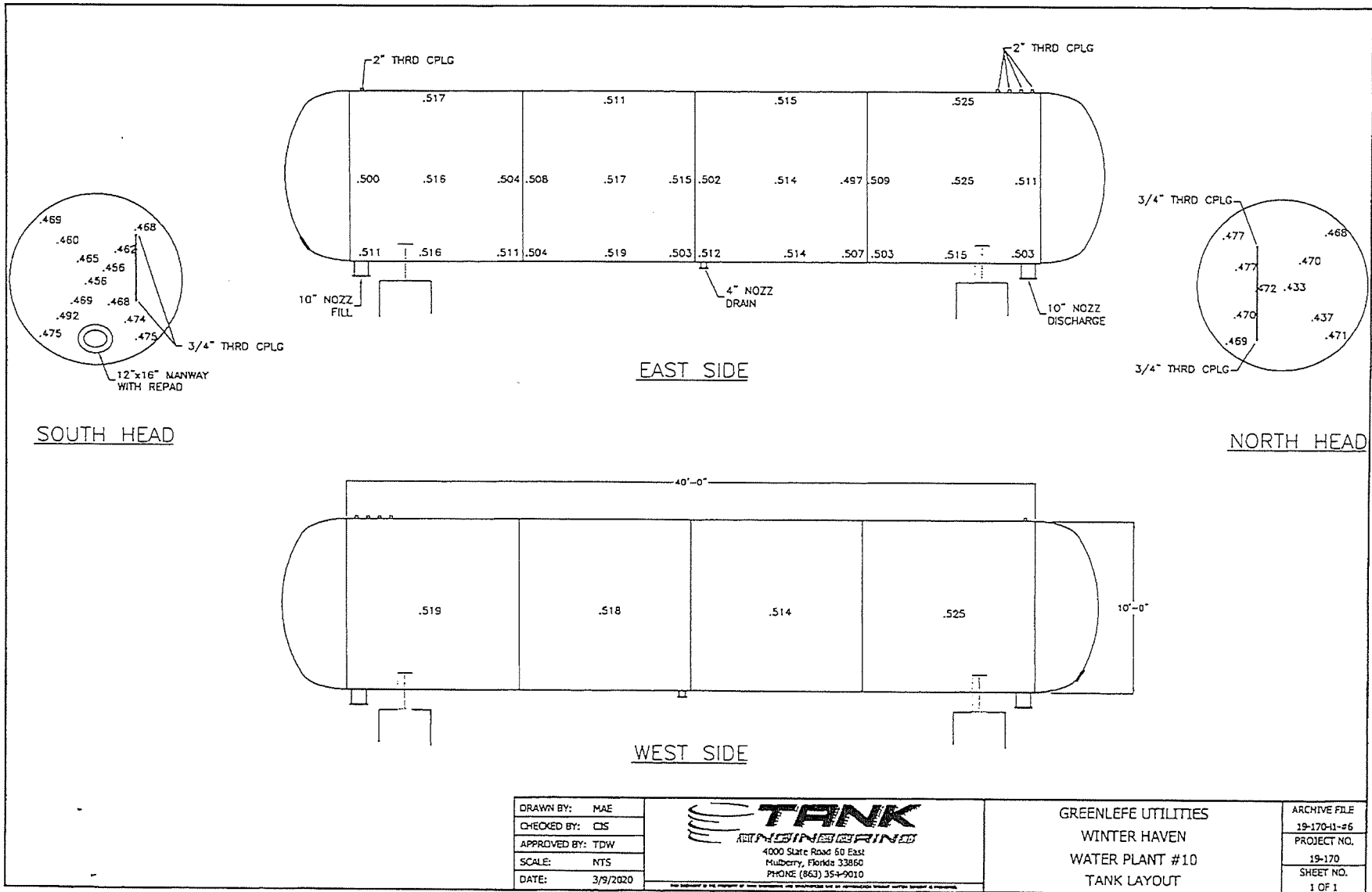
11. Internal Pitting of 5/16" Deep on South Head



12. Internal Pitting of 5/16" Deep on South Head

APPENDIX C – DRAWINGS





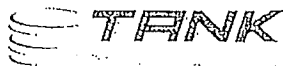
DRAWN BY: MAE
 CHECKED BY: CIS
 APPROVED BY: TDW
 SCALE: NTS
 DATE: 3/9/2020




GREENLEFE UTILITIES
 WINTER HAVEN
 WATER PLANT #10
 TANK LAYOUT


ARCHIVE FILE
 19-170-11-#6
 PROJECT NO.
 19-170
 SHEET NO.
 1 OF 1

APPENDIX D – LICENSES AND CERTIFICATIONS



 RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY




STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

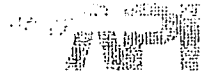
WALKER, TY DAVID
7032 CASCADES CT.
LAKELAND FL 33813

LICENSE NUMBER: PE77097
EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



AMERICAN PETROLEUM INSTITUTE
Individual Certification Programs: ICP



API Individual Certification Programs

verifies that

Clark Joseph Stine

has met the requirements for API certification

API-510 Pressure Vessel Inspector

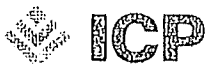
Certification Number *64450*

Original Certification Date *March 31, 2016*

Current Certification Date *March 31, 2019*

Expiration Date *March 31, 2022*

Manager, Individual Certification Programs



< Back

Tallahassee, FL



View as owner



Connect with an agent

Full name*

Email*

Phone*

Are you selling or buying?*



Connect

By proceeding, you consent to receive calls and texts at the number you provided, including marketing by autodialer and prerecorded and artificial voice, and email, from realtor.com and others about your inquiry and other home-related matters, but not as a condition of any purchase. [More...](#)

Off Market

1,008 sqft 3,485 sqft lot

Compare agents with RealChoice™ Selling, find a trusted expert



Damon Hutchison



Featured

Browse agents

Property details



Prc

[View proposal](#)

[View proposal](#)

Location

- Zoning: R-3

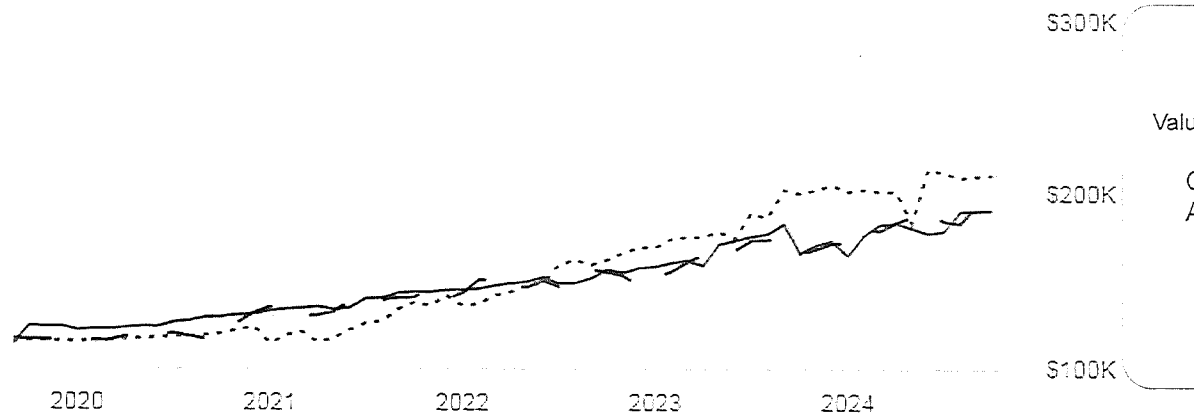
Lot size and SQFT

- Living Area: 1008

[Show more](#)

Find out more about this property.

Contact agent



Want to track your home's value? [Claim your home](#)

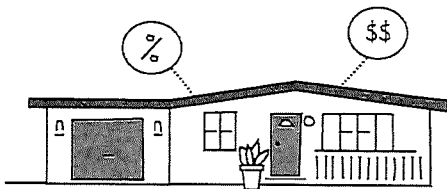
[More about RealEstimateSM data](#)

The estimate(s) shown, which come from one or more automated valuation model providers independent of Realtor.com®, represent information that may provide a helpful starting point for discussions with a real estate agent.

Contact agent

Find out how much home equity you can use

If you're looking to fund a home renovation project or a down payment on a new place, the equity in your home could help. Connect with a lender to see if you qualify.




Connect with a lender

[Latest home equity rates](#)

All specific rates advertised on Realtor.com or pre-approvals are

Nearby home values

Address	RealEstimate SM	Bed	Bath	Sqft	Lot (sqft)
This home : 1141 Copper Creek Ct	\$210,000			1,008	3,485
<u>1143 Copper Creek Ct, Tallahassee, FL 32311</u>	\$106,000	2	2	1,008	3,049
<u>1149 Copper Creek Ct, Tallahassee, FL 32311</u>	\$124,900	2	2	1,008	3,485
<u>1151 Copper Creek Ct, Tallahassee, FL 32311</u>	\$110,000	2	2	1,008	5,227
<u>1167 Tumbleweed Run, Tallahassee, FL 32311</u>	N/A	3	2	1,128	4,792
<u>Tallahassee, FL 32311</u>	\$110,000	2	2	1,032	6,098

[See more](#) 



Vision: To be the Healthiest State in the Nation

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

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

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

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

To schedule any inspection or send any reports use this email : 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	<u>Angelica Castillo Fraticelli</u>	Title	<u>Engineering Specialist III</u>	Forward Date	<u>05/10/2023</u>
Reviewer	<u>Eric Pitts</u>	Title	<u>Environmental Supervisor</u>	Review Date	<u>05/19/2023</u>

System Name: Grenelefe Resort, LLC

PWS ID# 6530692
Survey 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

System Name: Grenelefe Resort, LLC

PWS ID# 6530692
Survey Date 05/10/2023

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-connctions 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 → → → →			
	Hrs/wk:	0.6 7	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	Permitted Capacity = 2,160,000 gpd		

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, Well seal leaking, no air release valve or vent.				
Operator flushed occasionally the well before using it, mostly is a backup well.					

AUXILIARY POWER SOURCE

	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments
Type		Detroit Diesel
Description		1760 RPM
Functional	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Engine Model # PTA 11162
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 ₂ Capability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A								
Loss of Cl ₂ Residual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A								
Cl ₂ 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				
Adequate Ventilation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A				Liquid				
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 ₂ has been storage in 55 gallons drums. (Some of them had the phosphate label on)								

STORAGE FACILITIES

	(G) Ground (H) Hydropneumatic @ Elevated (B) Bladder (C) Clearwell @ 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 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"/>
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 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"/>
Tank Inspection Report Date	Next Due 03/25											
Comments	RPZ located near well is service connection for golf course maintenance building.											
Backflow paperwork are in the Water Plants, and they are tag properly.												

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

PWS ID# 6530692
Survey Date 05/10/2023

HIGH SERVICE PUMPS

Pump Number	N/A	N/A	N/A	N/A	N/A
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 ₂ injection and tank			
Feeder Manufacturer	Pulsatron			
Feeder Model	LB64SAVHC1053			
Feeder Capacity (gpd)	30			
Comments	Failure to apply corrosion control treatment since 06/05/2020.			

OTHER TASTE/ODOR CONTROL PROCESSES

Explain	None at this time
---------	-------------------

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.			
Runtime: 1217799				

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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Alarms		
Loss of Cl ₂ Capability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Loss of Cl ₂ Residual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Cl ₂ 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 gpd		
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 (%)]	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
Remote Residuals [mg/l]	Free	1.00	Total n/a
Scales Functioning Properly	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		POE
Repair Kits	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Remote
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"/>	<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"/>
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	N/A	N/A	N/A	N/A	N/A
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 ₂ 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
---------	-------------------

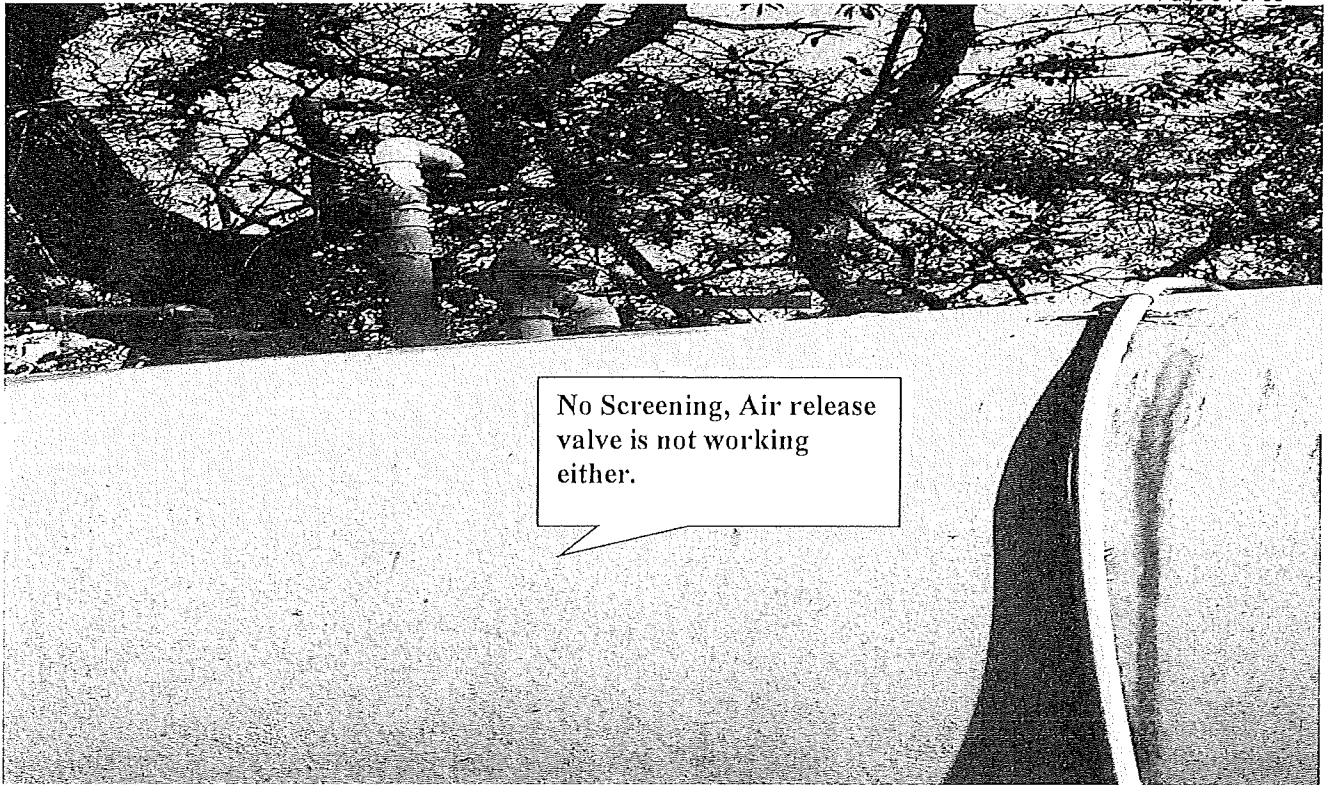
System Name: Grenelefe

PWS ID# 6530692

Plant Name:	South Plant	Plant Number:	2
Operator Visitation Frequency	→ → → →	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
Maximum Day Design Capacity		2,160,000	gpd
Additional Comments	Permitted Capacity = 1,080,000 gpd		

Plant Name:	East Plant	Plant Number:	1
Operator Visitation Frequency	→ → → →	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
Maximum Day Design Capacity		2,160,000	gpd
Additional Comments	This plant has only one pump.		





No Screening, Air release valve is not working either.

Ron DeSantis
Governor

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Scott A. Rivkees, MD
State Surgeon General

Vision: To be the Healthiest State in the Nation

April 22, 2020

GRENELEFE RESORT UTILITY INC
PWS: Id. No. 6530692

CENTRAL FLORIDA ENVESTMENTS/WESTGATE RESORTS
PO BOX 692229
ORLANDO, FL 32869

Dear Water System Owner:

A sanitary survey of your system conducted on April 22, 2020 indicates that the system is substantially in compliance with the public drinking water requirements listed in Chapter 62 Florida Administrative Code.

If you have any questions, please contact me at (863) 519-8330 ext. 2021.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Taghiof".

Henry Taghiof
Engineer III

Florida Department of Health
In Polk County
ENVIRONMENTAL HEALTH DIVISION
2090 East Clower Street • Bartow, FL 33830-6741
PHONE: (863) 519-8330 • FAX: (863) 534-7245
www.MyPolkHealth.org



www.FloridaHealth.gov
TWITTER: HealthyFLA
FACEBOOK: FLDepartmentofHealth
YOUTUBE: fldoh
FLICKR: HealthyFla
PINTEREST: HealthyFla

Florida Health: the first accredited public health system in the U.S.

Case Number: 2023 CA 001886

[Add to watch list](#) | [Return to Docket Inventory](#)

Auction Starts
09/18/2024 11:00 AM ET

My Proxy Bid
\$0.00

Name On Title
Martyd

Case Number: 2023 CA 001886
Case Type: FORECLOSURE
Final Judgment Amount: \$156,448.40
Parcel ID: 310231 A0251
Certificate Number:
Property Address: 1141 COPPER CREEK CT
TALLAHASSEE, FL 32311
Assessed Value: \$124,025.00
Legal Description: COPPER CREEK UNIT 2 UNREC
LOT 25 EAST UNIT BLOCK A OR
1372/2198 1884/420 2380/1925

[Place Bid](#)

Property Details

[Tax Collector](#) | [Property Appraiser](#) | [Final Judgment](#)
[Street Map View](#) | [Satellite View](#) | [Zillow.com](#)

Case Details

[Party Details](#) | [Case Disposition](#) | [Case Calendar](#) | [Case Actions](#) | [Case Financials](#)

Party Type	Party Name
DEFENDANT	THE UNKNOWN HEIRS DEVISEES GRANTEEES ASSIGNEES LIENORS CREDITORS TRUSTEES /
DEFENDANT	WHITFIELD, ROBERT DAVID JR
DEFENDANT	RILEY, LAUREL WHITFIELD
DEFENDANT	LAND, SHAWN STEVEN
DEFENDANT	LAND, CALVIN ADAM
DEFENDANT	TRUIST BANK SUCCESSOR BY MERGER TO SUNTRUST BANK
DEFENDANT	HARLEY, KENNETH R
DEFENDANT	HARLEY, MELISSA L
DEFENDANT	COPPER CREEK UNIT II HOMEOWNERS ASSOCIATION INC
DEFENDANT	TOTAL QUALITY ROOFING INC

EXHIBIT I

Tariff

TERRITORY AUTHORITY

CERTIFICATE NUMBER – 589-W

COUNTY – Polk

COMMISSION ORDER(S) APPROVING TERRITORY SERVED –

<u>Order Number</u>	<u>Date Issued</u>	<u>Docket Number</u>	<u>Filing Type</u>
PSC-97-1546-FOF-WS	12/09/1997	961006-WS	Grandfather Certificate
PSC-05-0142-PAA-WS	02/07/2005	030123-WS	Transfer of Majority Organizational Control
PSC-2024-0228-PAA-WS	07/08/2024	20220142-WS	Transfer of Certificate
PSC-2025-____-PAA-WS		2024____-WS	Extension of Territory

WS-2024-0059

FREDERICK SCOTT HOUSE
ISSUING OFFICER

MANAGING MEMBER
TITLE

DESCRIPTION OF TERRITORY SERVED

A parcel of land being a portion of Sections 5, 6, 7, 8, 17 and 18, Township 28 South, Range 28 East, Polk County, Florida, being more particularly described as follows:

Begin at the East ¼ corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°12'32"W, along the West line of Section 5, Township 28 South, Range 28 East, Polk County, Florida, a distance of 659.16 feet to a point on the North line of the South 660 feet of US Government Lot 1 of said Section 5; thence departing said West line, run N89°36'57"E, along said North line, a distance of 1,714.43 feet to a point on the Westerly Meandering line of Lake Marion; thence the following twelve (12) courses and distances along said Westerly line: thence S26°12'13"W, a distance of 738.08 feet; thence N89°39'08"E, a distance of 68.89 feet; thence S31°14'22"W, a distance of 363.56 feet; thence S06°10'27"W, a distance of 362.41 feet; thence S23°46'45"E, a distance of 277.86 feet; thence S07°13'21"E, a distance of 406.55 feet; thence S17°20'02"E, a distance of 229.68 feet; thence S17°34'19"E, a distance of 229.98 feet; thence S08°55'18"E, a distance of 222.01 feet; thence S07°38'32"E, a distance of 221.30 feet; thence S07°09'37"W, a distance of 221.19 feet; thence S08°57'04"W, a distance of 220.17 feet to a point on the South line of Lot 5, LAKE MARION HOMESITES, according to the plat thereof, as recorded in Plat Book 37, Page 9 of the Public Records of Polk County, Florida; thence S89°38'35"W, along said South line, a distance of 560.36 feet to the West Right of Way line of West Lake Marion Road; thence the following two (2) courses and distances along said West Right of Way line: thence S00°00'54"E, a distance of 25.00 feet; thence S00°04'56"W, a distance of 2,611.15 feet; thence departing said West Right of Way line, run N89°58'12"E, a distance of 74.98 feet to a point on the East Right of Way line of West Lake Marion Road, said point also being a point on the South line of Lot 18, LAKE MARION HOMESITES; thence N89°51'42"E, along said South line, a distance of 279.33 feet to the West boundary of SOUTH BAY LANDINGS, according to the plat thereof, as recorded in Plat Book 95, Pages 19 through 20 of the Public Records of Polk County, Florida; thence departing said South line, run S00°03'25"W, along said West line, a distance of 2,148.34 feet; thence departing said West line, run N89°52'19"W, a distance of 273.92 feet to the East Right of Way line of West Lake Marion Road; thence S89°19'40"W, a distance of 80.66 feet to a point on the West Right of Way line of West Lake Marion Road, said point also being a Point on a Non-Tangent Curve, Concave to the Northeast, having a Radius of 612.96 feet and a Central Angle of 58°10'16"; thence run Southeasterly along said West Right of Way line, a distance of 622.32 feet (Chord Bearing = S36°27'13"E, Chord = 595.94 feet) to a Point on a Non-Tangent Curve, Concave to the North, having a Radius of 613.27 feet and a Central Angle of 09°24'43"; thence run Easterly along said West Right of Way line, a distance of 100.74 feet (Chord Bearing = S70°13'35"E, Chord = 100.63 feet) to a Point of Non Tangency, said point also being a point on the East line of the West ½ of the Northwest ¼ of Section 17, Township 28 South, Range 28 East, Polk County, Florida; thence departing said West Right of Way line, run S01°53'45"E, along said East line, a distance of 2,576.23 feet to a point on the South line of the West ½ of the Northwest ¼ of said Section 17; thence departing said East line, run N89°11'18"W, along said South line, a distance of 1,329.53 feet to a point on the East line of Section 18, Township 28 South, Range 28 East, Polk County, Florida; thence S89°05'29"W, along the South Line of the Northeast ¼ of said Section 18, a distance of 2,721.89 feet to a point on the West line of the Northeast ¼ of said Section 18; thence departing said South line, run N00°23'07"W, along said West line, a distance of 2,596.57 feet to a point on the South line of Section 7, Township 28 South, Range 28 East, Polk County, Florida; thence N00°35'24"W, along the West line of the Southeast ¼ of said Section 7, a distance of 2,648.33 feet to a point on the South line of the Northwest ¼ of said Section 7; thence departing said West line, run S89°42'07"W, along said South line, a distance of 2,644.17 feet to a point on the West line of said Section 7; thence departing said South line, run N00°20'31"W, along said West line, a distance of 2,634.95 feet to the Southwest corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°21'33"W, along the West line of said Section 6, a distance of 2,635.87 feet to a point on the North line of the South ½ of said Section 6; thence the following two (2) courses and distances along said North line: thence N89°38'32"E, a distance of 2,635.65 feet; thence N89°39'09"E, a distance of 2,638.50 feet to the Point of Beginning.

Containing 1,277.45 acres, more or less.

COMMUNITIES SERVED LISTING

<u>County Name</u>	<u>Development Name</u>	<u>Rate Schedule Available</u>	<u>Sheet No.</u>
Polk	Grenelefe DRI The Groves at Lake Marion	GS, RS	12.0, 13.0

WS-15-0116

FREDERICK SCOTT
HOUSE
ISSUING OFFICER
MANAGING MEMBER
TITLE

TERRITORY AUTHORITY

CERTIFICATE NUMBER – 507-S

COUNTY – Polk

COMMISSION ORDER(s) APPROVING TERRITORY SERVED -

<u>Order Number</u>	<u>Date Issued</u>	<u>Docket Number</u>	<u>Filing Type</u>
PSC-97-1546-FOF-WS	12/09/1997	961006-WS	Grandfather Certificate
PSC-05-0142-PAA-WS	02/02/2005	030123-WS	Transfer of Majority Organizational Control
PSC-2024-0228-PAA-WS	07/08/2024	20220142-WS	Transfer of Certificate
PSC-2025-____-PAA-WS		2024____-WS	Extension of Territory

WS-2024-0059

FREDERICK SCOTT HOUSE
ISSUING OFFICER

MANAGING MEMBER
TITLE

DESCRIPTION OF TERRITORY SERVED

A parcel of land being a portion of Sections 5, 6, 7, 8, 17 and 18, Township 28 South, Range 28 East, Polk County, Florida, being more particularly described as follows:

Begin at the East ¼ corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°12'32"W, along the West line of Section 5, Township 28 South, Range 28 East, Polk County, Florida, a distance of 659.16 feet to a point on the North line of the South 660 feet of US Government Lot 1 of said Section 5; thence departing said West line, run N89°36'57"E, along said North line, a distance of 1,714.43 feet to a point on the Westerly Meandering line of Lake Marion; thence the following twelve (12) courses and distances along said Westerly line: thence S26°12'13"W, a distance of 738.08 feet; thence N89°39'08"E, a distance of 68.89 feet; thence S31°14'22"W, a distance of 363.56 feet; thence S06°10'27"W, a distance of 362.41 feet; thence S23°46'45"E, a distance of 277.86 feet; thence S07°13'21"E, a distance of 406.55 feet; thence S17°20'02"E, a distance of 229.68 feet; thence S17°34'19"E, a distance of 229.98 feet; thence S08°55'18"E, a distance of 222.01 feet; thence S07°38'32"E, a distance of 221.30 feet; thence S07°09'37"W, a distance of 221.19 feet; thence S08°57'04"W, a distance of 220.17 feet to a point on the South line of Lot 5, LAKE MARION HOMESITES, according to the plat thereof, as recorded in Plat Book 37, Page 9 of the Public Records of Polk County, Florida; thence S89°38'35"W, along said South line, a distance of 560.36 feet to the West Right of Way line of West Lake Marion Road; thence the following two (2) courses and distances along said West Right of Way line: thence S00°00'54"E, a distance of 25.00 feet; thence S00°04'56"W, a distance of 2,611.15 feet; thence departing said West Right of Way line, run N89°58'12"E, a distance of 74.98 feet to a point on the East Right of Way line of West Lake Marion Road, said point also being a point on the South line of Lot 18, LAKE MARION HOMESITES; thence N89°51'42"E, along said South line, a distance of 279.33 feet to the West boundary of SOUTH BAY LANDINGS, according to the plat thereof, as recorded in Plat Book 95, Pages 19 through 20 of the Public Records of Polk County, Florida; thence departing said South line, run S00°03'25"W, along said West line, a distance of 2,148.34 feet; thence departing said West line, run N89°52'19"W, a distance of 273.92 feet to the East Right of Way line of West Lake Marion Road; thence S89°19'40"W, a distance of 80.66 feet to a point on the West Right of Way line of West Lake Marion Road, said point also being a Point on a Non-Tangent Curve, Concave to the Northeast, having a Radius of 612.96 feet and a Central Angle of 58°10'16"; thence run Southeasterly along said West Right of Way line, a distance of 622.32 feet (Chord Bearing = S36°27'13"E, Chord = 595.94 feet) to a Point on a Non-Tangent Curve, Concave to the North, having a Radius of 613.27 feet and a Central Angle of 09°24'43"; thence run Easterly along said West Right of Way line, a distance of 100.74 feet (Chord Bearing = S70°13'35"E, Chord = 100.63 feet) to a Point of Non Tangency, said point also being a point on the East line of the West ½ of the Northwest ¼ of Section 17, Township 28 South, Range 28 East, Polk County, Florida; thence departing said West Right of Way line, run S01°53'45"E, along said East line, a distance of 2,576.23 feet to a point on the South line of the West ½ of the Northwest ¼ of said Section 17; thence departing said East line, run N89°11'18"W, along said South line, a distance of 1,329.53 feet to a point on the East line of Section 18, Township 28 South, Range 28 East, Polk County, Florida; thence S89°05'29"W, along the South Line of the Northeast ¼ of said Section 18, a distance of 2,721.89 feet to a point on the West line of the Northeast ¼ of said Section 18; thence departing said South line, run N00°23'07"W, along said West line, a distance of 2,596.57 feet to a point on the South line of Section 7, Township 28 South, Range 28 East, Polk County, Florida; thence N00°35'24"W, along the West line of the Southeast ¼ of said Section 7, a distance of 2,648.33 feet to a point on the South line of the Northwest ¼ of said Section 7; thence departing said West line, run S89°42'07"W, along said South line, a distance of 2,644.17 feet to a point on the West line of said Section 7; thence departing said South line, run N00°20'31"W, along said West line, a distance of 2,634.95 feet to the Southwest corner of Section 6, Township 28 South, Range 28 East, Polk County, Florida; thence N00°21'33"W, along the West line of said Section 6, a distance of 2,635.87 feet to a point on the North line of the South ½ of said Section 6; thence the following two (2) courses and distances along said North line: thence N89°38'32"E, a distance of 2,635.65 feet; thence N89°39'09"E, a distance of 2,638.50 feet to the Point of Beginning.

Containing 1,277.45 acres, more or less.

WS-15-0116

FREDERICK SCOTT
HOUSE
ISSUING OFFICER

MANAGING MEMBER
TITLE

EXHIBIT J

PSC Certificates

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for transfer of water and wastewater facilities and Certificate Nos. 589-W and 507-S from Grenelefe Resort Utility, Inc. to NC Real Estate Projects, LLC d/b/a Grenelefe Utility, in Polk County.

DOCKET NO. 20220142-WS
ORDER NO. PSC-2024-0228-PAA-WS
ISSUED: July 8, 2024

The following Commissioners participated in the disposition of this matter:

MIKE LA ROSA, Chairman
ART GRAHAM
GARY F. CLARK
ANDREW GILES FAY
GABRIELLA PASSIDOMO

NOTICE OF PROPOSED AGENCY ACTION
ORDER ESTABLISHING NET BOOK VALUE, DECLINING TO MAKE
AN ACQUISITION ADJUSTMENT, APPROVING A NEW METER FEE,
AND REVISING MISCELLANEOUS SERVICE CHARGES
AND
ORDER GRANTING TRANSFER OF CERTIFICATE NO. 589-W
AND NO. 509-S AND CONTINUING EXISTING RATES AND
INITIAL CUSTOMER DEPOSITS

BY THE COMMISSION:

NOTICE is hereby given by the Florida Public Service Commission that the actions discussed herein determining net book value, declining to make an acquisition adjustment, approving a new meter fee, and revising miscellaneous service charges are preliminary in nature and will become final unless a person whose interests are substantially affected files a petition for a formal proceeding, pursuant to Rule 25-22.029, Florida Administrative Code (F.A.C.).

Background

Grenelefe Resort Utility, Inc. (Grenelefe, Utility, or Seller) is a Class B water and wastewater utility operating in Polk County. Grenelefe provides service to approximately 1,608 water customers and 1,357 wastewater customers. The Utility is in the St. Johns River Water Management District (SJRWMD). In its 2023 Annual Report, Grenelefe reported a net operating

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 2

loss of \$184,215 for water, and \$233,950 for wastewater. The Utility's last rate case was in 2011.¹

In 1997, we issued original water and wastewater Certificate Nos. 589-W and 507-S to Sports Shinko Utility, Inc. d/b/a Grenelefe Utilities.² In 2005, we granted a transfer of the Utility to Grenelefe Resort Utility, Inc. from the previous owner.³

On August 9, 2022, Grenelefe Resort Utility, Inc. and NC Real Estate Projects, LLC filed a joint application with us for the transfer of Certificate Nos. 589-W and 507-S from Grenelefe Resort Utility, Inc. to NC Real Estate Projects, LLC and Grenelefe Resort Utilities Development, LLC. This initial joint application would have NC Real Estate Projects, LLC acquire all assets from the Seller and serve as the Buyer of the utility. NC Real Estate Projects would then lease all utility assets and real estate to Grenelefe Resort Utilities Development, LLC for 7 months. After this 7 month period, NC Real Estate Projects, LLC would transfer both the utility assets and land to Grenelefe Resort Utilities Development, LLC, who would then serve as the utility owner and operator going forward.

On October 10, 2023, Grenelefe Resort Utility, Inc. and NC Real Estate Projects, LLC d/b/a Grenelefe Utility (NC Real Estate Projects or Buyer) filed an amended joint application. This amended joint application supersedes the initial joint application, and proposes to transfer the certificates from Grenelefe Resort Utility, Inc. to NC Real Estate Projects, LLC d/b/a Grenelefe Utility, with no intervening lease period. The amended application was found to be deficient. The Buyer cured all deficiencies on March 14, 2024. The sale of the Utility closed on May 31, 2022. We acknowledged intervention by the Office of Public Counsel (OPC) by Order No. PSC-2022-0128-PCO-WS, issued February 21, 2024.

We have jurisdiction pursuant to Sections 367.071 and 367.081, Florida Statutes (F.S.).

Decision

I. Transfer of Certificate Nos. 589-W and 507-S

On October 10, 2023, Grenelefe Resort Utility, Inc. and Buyer filed a joint application for the transfer of Certificate Nos. 589-W and 507-S from Grenelefe Resort Utility, Inc. to NC Real Estate Projects, LLC d/b/a Grenelefe Utility. The application is in compliance with Section 367.071, F.S., and our rules concerning 'applications for transfer of certificates. The sale of the Utility closed on May 31, 2022, contingent on our approval, pursuant to Section 367.071(1), F.S.

¹Order No. PSC-12-0433-PAA-WS, issued October 21, 2012, in Docket No. 20110141-WS, *In re: Application for staff-assisted rate case in Polk County by Grenelefe Resort Utility, Inc.*

²Order No. PSC-97-1546-FOF-WS, issued December 9, 1997, in Docket No. 961006-WS, *In re: Application for certificates under grandfather rights to provide water and wastewater service by Sports Shinko Utility, Inc. d/b/a Grenelefe Utilities in Polk County.*

³Order No. PSC-05-0142-PAA-WS, issued February 7, 2005, in Docket No. 030123-WS, *In re: Application for transfer of majority organizational control of Sports Shinko Utility, Inc. d/b/a Grenelefe Utilities in Polk County and for name change on Certificate Nos. 589-W and 507-S to Grenelefe Resort Utility, Inc.*

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 3

A. Noticing, Territory, and Land Ownership

NC Real Estate Projects provided notice of the application, pursuant to Section 367.071, F.S., and Rule 25-30.030, F.A.C. No formal objections to the transfer were filed, and the time for doing so has expired. The application contains a description of the service territory, which is appended to this Order as Attachment A. In its application, NC Real Estate Projects provided a copy of a special warranty deed as evidence that the Buyer has the rights to long-term use of the land upon which the treatment facilities are located, pursuant to Rule 25-30.037(2)(s), F.A.C.

B. Purchase Agreement and Financing

Pursuant to Rule 25-30.037(2)(i) and (j), F.A.C., the application contains a statement regarding financing and a copy of the purchase agreement, which includes the purchase price, terms of payment, and a list of the assets purchased. There are no guaranteed revenue contracts, or customer advances of Grenelefe Resort Utility, Inc., that must be disposed of with regard to the transfer. NC Real Estate Projects has reviewed all leases and developer agreements and assumed those agreements. We have reviewed the purchase and sale agreement, which stated that the total purchase price for the assets is \$2,500,000. Furthermore, our review of the purchase and sale agreement confirmed that the closing took place on May 31, 2022, but is dependent on our approval of the transfer, pursuant to Section 367.071(1), F.S.

C. Facility Description and Compliance

The water system includes a water treatment plant and two wells. The water is chlorinated for disinfection, and polyphosphate is added for lead and copper corrosion control. The two wells have capacities of 1,500 gallons per minute each. The water distribution system extends throughout the service area. NC Real Estate Projects provided a copy of the Utility's current consumptive use permit from the SJRWMD.

The wastewater treatment plant (WWTP) is an extended aeration activated sludge plant with a design capacity of 680,000 gallons per day (gpd). The plant is permitted by the Florida Department of Environmental Protection (DEP) to operate at 340,000 gpd, based on the three-month rolling average daily flow. The treatment plant consists of: ten aeration basins, four clarifiers, seven deep bed automatic backwash filters, three pre-filter chlorine contact chambers, one post chlorine contact chamber, one effluent pump wetwell, and three digesters. Additionally, there are three lift stations in the service territory.

In its March 15, 2023 inspection report to the Utility, DEP stated that based on the information provided during and following the inspection, the facility was determined to be in compliance with its rules and regulations. We reviewed the most recent DEP sanitary survey, issued on May 10, 2023, which identified six issues that were corrected. We also reviewed the results from the DEP October 4, 2023 water quality tests, including the secondary water quality test. All results were below the DEP's maximum contaminant levels for each primary or secondary contaminant.

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 4

We reviewed the most recent DEP compliance evaluation inspections (CEI) for the WWTP. The December 6, 2022 CEI identified the following issues: only three of the four monitoring wells could be located, the facility lacked procedures for minimizing spills, and the facilities' three lift stations lacked functioning alarms. All deficiencies were corrected, and the WWTP is currently in compliance.

D. Technical and Financial Ability

Pursuant to Rule 25-30.037(2)(l), F.A.C., the application contains statements describing the financial ability of the Buyer to provide service to the proposed service area. As referenced in the transfer application, the Buyer will fulfill the commitments, obligations, and representations of the Seller regarding utility matters. The Utility stated that because NC Real Estate Projects was created for the purpose of owning and operating the Utility after the transfer, no financial statements exist. In the Utility's amended application, the owner of NC Real Estate Projects, Mr. Fredrick Scott House, provided personal financial statements, as well as an affidavit stating his ability and intent to meet all reasonable capital needs arising from the operation of the Utility. Based on our review of Mr. House's personal financial statements, we find that the Buyer has documented adequate resources to support the Utility's water and wastewater operations.

Pursuant to Rule 25-30.037(2)(m), F.A.C., the application contains statements describing the technical ability of the Buyer to provide service to the proposed service area. NC Real Estate Projects' application states that while it does not own any other water or wastewater systems in Florida, the Buyer's sister company has acquired the housing development served by the Utility, which incentivizes the Buyer to continue the proper maintenance and operation of the Utility. Furthermore, the Buyer plans to use the same operations personnel employed by the Seller to provide routine operation and maintenance of the systems, as well as to handle billing and customer service. As the operations personnel have experience with the Utility's facilities, it is reasonable for the Buyer to retain those employees. Based on the above, we find that the Buyer has demonstrated the technical and financial ability to provide service to the existing service territory.

E. Rates, Charges, and Initial Customer Deposits

The Utility's rates, charges, and initial customer deposits were last approved in a 2011 staff-assisted rate case.⁴ The Utility's service availability charges were approved in 1996 in a grandfather certificate.⁵ The Utility's rates were subsequently amended by three price index rate adjustments. Rule 25-9.044(1), F.A.C., provides that, in the case of a change of ownership or control of a utility, the rates, classifications, and regulations of the former owner must continue unless we authorize a change. The Utility's existing late payment charge and non-sufficient

⁴Order No. PSC-12-0433-PAA-WS, in Docket No. 110141-WS, in re: *Application for staff-assisted rate case in Polk County by Grenelefe Resort Utility, Inc.*

⁵Order No. PSC-97-1546-FOF-WS, in Docket No. 961006-WS, in re: *Application for certificates under grandfather rights to provide water and wastewater service by sports Shinko Utility, Inc. d/b/a Grenelefe Utilities in Polk County.*

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 5

funds charges are appropriate. However, the Utility's remaining miscellaneous service charges do not conform to Rule 25-30.460, F.A.C., and are discussed below.

NC Real Estate Projects requested to increase its meter installation charges for the 5/8 inch x 3/4 inch meter size, which we discuss below. The meter installation charge for meter sizes larger than the 5/8 inch x 3/4 inch would remain the same. Therefore, the Utility's existing rates and initial customer deposits for water and wastewater, as shown on Schedule Nos. 1-A and 1-B appended to this Order, shall remain in effect until we authorize a change in a subsequent proceeding. The tariff pages reflecting the transfer shall be effective on or after the stamped approval date on the tariff sheets, pursuant to Rule 25-30.475(1), F.A.C.

F. Regulatory Assessment Fees and Annual Report

We have verified the Utility is current on the filing of annual reports and RAFs through December 31, 2023. The Buyer shall be responsible for filing the annual reports and paying RAFs for 2024 and all future years.

G. Conclusion

Based on the foregoing, we find that the transfer of the water and wastewater systems and Certificate Nos. 589-W and 507-S is in the public interest, and shall be approved effective the date of our vote. The resultant Order shall serve as the Buyer's certificate and shall be retained by the Buyer. The Seller is current, with respect to annual reports and regulatory assessment fees (RAFs), through December 31, 2023. The Buyer shall be responsible for filing annual reports and paying RAFs for all future years.

II. Net Book Value

Rate base was last established for the Utility as of March 31, 2011. The purpose of establishing NBV for transfers is to determine whether an acquisition adjustment shall be approved. The NBV does not include normal ratemaking adjustments for used and useful plant or working capital. The Utility's NBV has been updated to reflect balances as of May 31, 2022. The approved NBV, as described below, is shown on Schedule No 2, which is appended to this Order.

A. Utility Plant in Service (UPIS)

The Utility's general ledger reflected water and wastewater UPIS balances of \$3,141,633 and \$3,312,204, respectively, as of May 31, 2022. We reviewed UPIS additions since the last rate case proceeding and find that the Utility was unable to provide invoices for any additions prior to 2016. Additionally, the Utility was unable to provide several invoices from 2016 to May 31, 2022. Consequently, we have determined that UPIS was overstated by \$76,800 for water and \$252,709 for wastewater, as of May 31, 2022. As such, we approve a UPIS balance of \$3,064,833 for water and \$3,059,495 for wastewater, as of May 31, 2022.

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 6

B. Land

The Utility's general ledger reflected a land balance of \$7,000 for water, and \$49,400 for wastewater, as of May 31, 2022. In Order No. PSC-12-0433-PAA-WS, we established the value of the land to be \$3,000 for water and \$49,400 for wastewater.⁶ There have been no additions to land purchased since the Order was issued. As a result, land for water shall be reduced by \$4,000. Therefore, we approve land balances of \$3,000 for water and \$49,400 for wastewater as of May 31, 2022.

C. Accumulated Depreciation

The Utility's general ledger reflected water and wastewater accumulated depreciation balances of \$2,733,497 and \$3,024,931, respectively, as of May 31, 2022. We recalculated accumulated depreciation using the audited UPIS plant balances and the depreciation rates established by Rule 25-30,140(2), F.A.C. We have determined accumulated depreciation to be overstated by \$62,890 and \$286,980 for water and wastewater, respectively. The difference is the result of adjustments made to UPIS explained above. As a result, accumulated depreciation shall be decreased by \$62,890 for water and \$286,980 for wastewater, as of May 31, 2022. As such, we approve the appropriate accumulated depreciation balance is \$2,670,608 for water and \$2,737,951 for wastewater.

D. Contributions-in-Aid-of-Construction (CIAC) and Accumulated Amortization of CIAC

As of May 31, 2022, the Utility's general ledger reflected water and wastewater CIAC balances of \$2,302,685 and \$1,051,361, respectively, and accumulated amortization of CIAC balances of \$2,063,146 and \$808,785, respectively. We decreased water and wastewater accumulated amortization of CIAC by \$92,419 and \$68,691, respectively, to reflect Commission-ordered adjustments prescribed in Order No. PSC-2012-0433-PAA-WS. We also made adjustments due to differences in the composite rate used by the Utility and us. Our composite rate was based on the adjusted UPIS balances, as discussed above. Therefore, we approve CIAC balances of \$2,302,685 for water and \$1,051,361 for wastewater and accumulated amortization of CIAC balances of \$1,970,727 for water and \$740,094 for wastewater as of May 31, 2022.

E. Net Book Value

The Utility's general ledger reflected a NBV of \$175,597 for water and \$94,097 for wastewater. Based on the adjustments above, we find that the NBV for the Utility's water and wastewater systems are \$65,267 and \$59,677, respectively, as of May 31, 2022. Our approved NBV and the National Association of Regulatory Utility Commissioners, Uniform System of Accounts (NARUC USOA) balance for UPIS and accumulated depreciation as of May 31, 2022 are shown on Schedule No. 2, which is appended to this Order.

⁶Order No. PSC-12-0433-PAA-WS, issued August 21, 2012, in Docket No. 110141-WS, *In re: Application for staff-assisted rate case in Polk County by Grenelefe Resort Utility, Inc.*

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 7

F. Acquisition Adjustment

An acquisition adjustment results when the purchase price differs from the NBV of the assets at the time of the acquisition. The Utility and its assets were purchased for \$2.5 million. As shown on Schedule No. 2, we have determined the appropriate NBV total to be \$124,944 (\$65,267 + \$59,677). Pursuant to Rule 25-30.0371, F.A.C., a positive acquisition adjustment may be appropriate when the purchase price is greater than the NBV, and a negative acquisition adjustment may be appropriate when the purchase price is less than NBV. However, pursuant to Rule 25-30.0371(2), F.A.C., a positive acquisition adjustment shall not be included in rate base unless there is proof of extraordinary circumstances. The Buyer did not request a positive acquisition adjustment, and there are no extraordinary circumstances. As such, we find that no acquisition adjustment is warranted.

G. Conclusion

We find that the NBVs of NC Real Estate Projects, LLC d/b/a Grenelefe Utility's water and wastewater systems for transfer purposes are \$65,267 and \$59,677, respectively, as of May 31, 2022. No acquisition adjustment shall be included in rate base. Within 90 days of the date of the final order, the Buyer shall be required to notify the us in writing that it has adjusted its books in accordance with our decision. The adjustments shall be reflected in NC Real Estate Projects, LLC d/b/a Grenelefe Utility's 2024 Annual Report when filed.

III. Revised Miscellaneous Service Charges

NC Real Estate Projects did not request to revise the miscellaneous charges; however, the charges do not conform to Rule 25-30.460, F.A.C. The Utility's current miscellaneous service charges are shown below in Table 1.

Table 1
 Utility's Existing Miscellaneous Service Charges

	<u>Normal Hours</u>	<u>After Hours</u>
Initial Connection Charge	\$21.00	\$42.00
Normal Reconnection Charge	\$21.00	\$42.00
Violation Reconnection Charge - Water	\$21.00	\$42.00
Violation Reconnection Charge - Wastewater	Actual Cost	Actual Cost
Premises Visit Charge	\$21.00	\$42.00

The rule does not allow for initial connection and normal reconnection charges. These charges are the same as the premises visit charge. Therefore, the current initial connection and normal reconnection charges are obsolete and inconsistent with the rule and shall be removed. The definition for the premises visit charge shall be updated to comply with Rule 25-30.460, F.A.C. Our approved miscellaneous service charges are shown below in Table 2.

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 8

Table 2
 Approved Miscellaneous Service Charges

	<u>Normal Hours</u>	<u>After Hours</u>
Violation Reconnection Charge - Water	\$21.00	\$42.00
Violation Reconnection Charge - Wastewater	Actual Cost	Actual Cost
Premises Visit Charge	\$21.00	\$42.00

Conclusion

Based on the above, the miscellaneous service charges shall be revised to conform to Rule 25-30.460, F.A.C. The tariff shall be revised to reflect the removal of initial connection and normal reconnection charges. NC Real Estate Projects shall be required to file a proposed customer notice to reflect the Commission-approved charges. The approved charges shall be effective on or after the stamped approval date on the tariff sheet, pursuant to Rule 25-30.475(1), F.A.C. In addition, the approved charge shall not be implemented until our staff has approved the proposed customer notice and the notice has been received by customers. NC Real Estate Projects shall provide proof of the date notice was given, no less than 10 days after the date of the notice. The Utility shall be required to charge the approved miscellaneous services charges until we authorize a change in a subsequent proceeding.

IV. New Meter Installation Fee

Currently, the Utility has a deposit of \$65 for the 5/8 inch x 3/4 inch meter size and actual cost for all other meter sizes. The Buyer requested a meter installation charge of \$600 for the 5/8 inch x 3/4 inch meter size. The charge for all other meter sizes would remain at actual cost. The Buyer's requested meter installation charge includes the cost of materials and labor (\$334) and the cost of the meter (\$265). The Utility indicated that the new owners are attempting to modernize and update the acquired system, which includes a complete change out of meters to radio read meters on a going forward basis. We reviewed the NC Real Estate Projects' cost justification and its reasons, and find that the NC Real Estate Projects' proposed meter installation charge of \$600 for the 5/8 inch x 3/4 inch is reasonable and shall be approved.

Conclusion

NC Real Estate Projects' requested meter installation charge of \$600 for the 5/8 inch x 3/4 inch meter size shall be approved. NC Real Estate Projects shall file a tariff sheet and a proposed customer notice. NC Real Estate Projects shall provide notice to potential customers who have requested service within 12 calendar months prior to the month the application was filed, and up until this Order becomes final. The approved charge shall be effective for connections made on or after the stamped approval date on the tariff sheet. NC Real Estate Projects shall provide proof of the date notice was given within 10 days of the date of notice.

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 9

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that the transfer Of Certificate Nos. 589-W and 507-W from Grenelefe Resort Utility, Inc. to NC Real Estate Projects, LLC d/b/a Grenelefe Utility, is in the public interest and shall be approved effective June 18, 2024. This Order shall serve as the Buyer's certificate and shall be retained by the Buyer. The existing rates and charges as shown on Schedule 2 of this Order shall remain in effect until a change is authorized by us in a subsequent proceeding. The tariffs reflecting the transfer shall be effective for services rendered or connections made on or after the stamped approved date on the tariffs pursuant to Rule 25-30.475, F.A.C. The Buyer shall be responsible for filing the Utility's annual reports and paying RAFs after June 18, 2024, and all future years. It is further

ORDERED that the NBVs of NC Real Estate Projects, LLC d/b/a Grenelefe Utility's water and wastewater systems for transfer purposes are \$65,267 and \$59,677, respectively, as of May 31, 2022. No acquisition adjustment shall be included in rate base. Within 90 days of the date of the final order, the Buyer shall be required to notify the us in writing that it has adjusted its books in accordance with our decision. The adjustments shall be reflected in NC Real Estate Projects, LLC d/b/a Grenelefe Utility's 2024 Annual Report when filed. It is further

ORDERED that the miscellaneous service charges shall be revised to conform to Rule 25-30.460, F.A.C. The tariff shall be revised to reflect the removal of initial connection and normal reconnection charges. NC Real Estate Projects shall be required to file a proposed customer notice to reflect the Commission-approved charges. The approved charges shall be effective on or after the stamped approval date on the tariff sheet, pursuant to Rule 25-30.475(1), F.A.C. In addition, the approved charge shall not be implemented until our staff has approved the proposed customer notice and the notice has been received by customers. NC Real Estate Projects shall provide proof of the date notice was given, no less than 10 days after the date of the notice. The Utility shall be required to charge the approved miscellaneous services charges until we authorize a change in a subsequent proceeding. It is further

ORDERED that NC Real Estate Projects' requested meter installation charge of \$600 for the 5/8 inch x 3/4 inch meter size shall be approved. NC Real Estate Projects shall file a tariff sheet and a proposed customer notice. NC Real Estate Projects shall provide notice to potential customers who have requested service within 12 calendar months prior to the month the application was filed, and up until this Order becomes final. The approved charge shall be effective for connections made on or after the stamped approval date on the tariff sheet. NC Real Estate Projects shall provide proof of the date notice was given within 10 days of the date of notice. It is further

ORDERED that the provisions of this Order, issued as proposed agency action, shall become final and effective upon the issuance of a Consummating Order unless an appropriate petition, in the form provided by Rule 28-106.201, Florida Administrative Code, is received by the Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on the date set forth in the "Notice of Further Proceedings" attached hereto. It is further

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 10

ORDERED that this docket shall remain open for Commission staff's verification that within 90 days of the date of the final order, the buyer has notified Commission staff in writing that it has adjusted its books in accordance with the Commission's Order approving the transfer. Once these actions are complete, this docket shall be closed administratively.

By ORDER of the Florida Public Service Commission this 8th day of July, 2024.



ADAM T. TIZMAN
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399
(850) 413-6770
www.floridapsc.com

Copies furnished: A copy of this document is provided to the parties of record at the time of issuance and, if applicable, interested persons.

SPS

NOTICE OF FURTHER PROCEEDINGS OR JUDICIAL REVIEW

The Florida Public Service Commission is required by Section 120.569(1), Florida Statutes, to notify parties of any administrative hearing or judicial review of Commission orders that is available under Sections 120.57 or 120.68, Florida Statutes, as well as the procedures and time limits that apply. This notice should not be construed to mean all requests for an administrative hearing or judicial review will be granted or result in the relief sought.

As identified in the body of this order, our action determining net book value, declining to make an acquisition adjustment, approving a new meter fee, and revising miscellaneous service charges is preliminary in nature. Any person whose substantial interests are affected by the action proposed by this order may file a petition for a formal proceeding, in the form provided by Rule 28-106.201, Florida Administrative Code. This petition must be received by the Office of Commission Clerk, at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on July 29, 2024. If such a petition is filed, mediation may be

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 11

available on a case-by-case basis. If mediation is conducted, it does not affect a substantially interested person's right to a hearing. In the absence of such a petition, this order shall become effective and final upon the issuance of a Consummating Order.

Any objection or protest filed in this docket before the issuance date of this order is considered abandoned unless it satisfies the foregoing conditions and is renewed within the specified protest period.

Any party adversely affected by the Commission's final action in this matter may request: (1) reconsideration of the decision by filing a motion for reconsideration with the Office of Commission Clerk, within fifteen (15) days of the issuance of this order in the form prescribed by Rule 25-22.060, Florida Administrative Code; or (2) judicial review by the Florida Supreme Court in the case of an electric, gas or telephone utility or the First District Court of Appeal in the case of a water or wastewater utility by filing a notice of appeal with the Office of Commission Clerk and filing a copy of the notice of appeal and the filing fee with the appropriate court. This filing must be completed within thirty (30) days after the issuance of this order, pursuant to Rule 9.110, Florida Rules of Appellate Procedure. The notice of appeal must be in the form specified in Rule 9.900(a), Florida Rules of Appellate Procedure.

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 12

Attachment A
Page 1 of 3

GRENELEFE RESORT UTILITY INC.
WATER AND WASTEWATER SERVICE AREA

DESCRIPTION OF TERRITORY SERVED

That following areas in Range 28 East, Township 28 South, Sections 5, 6, 7 and 8, Polk County, Florida:

The South ½ of Section 6;
The North ½ of Section 7; and

In Sections 7 and 8 described as follows: The Point of Beginning (POB) identified as the SE corner of the NW ¼ of Section 7; from the POB run N 89°42'32" E a distance of 2,599.05 feet; to the NW corner of Section 8; thence N 89°50'22" E, a distance of 1,320.00 feet; thence South a distance of 1,317.85 feet more or less; thence S 03°59'01" E a distance of 827.42 feet; thence N 89°54'04" W a distance of 1,378.88 feet; to the East line of Section 7; thence S 89°26'13" W a distance of 2,574.02 feet; thence N 00°37'09" W a distance of 2,152.99 feet; to the POB; and

In Section 5 described as follows: Begin at the SW corner of Section 5, Range 28 E, Township 28 S; run N 00°13'39" E a distance of 2,641.87 feet to the POB; from the POB run N 00°05'32" W a distance of 660.00 feet; thence N 89°49'05" E a distance of 1,600 feet more or less; thence Southerly along the water's edge of Lake Marion a distance of 688 feet more or less; thence S 89°50'03" W a distance of 1,407 feet more or less to the POB; and

In Section 5 described as follows: From the SW corner of Section 5, Range 28 E, Township 28 S also the POB; run N 00°13'39" E a distance of 2,641.87 feet; thence N 89°49'05" W a distance of 971.87 feet; thence S 00°43'25" E a distance of 2,642.27 feet; thence S 89°50'03" W a distance of 994.74 feet to the POB; and

In Section 8 described as follows: From the NW corner of Section 8, Range 28 E, Township 28 S also the POB; run N 89°50'03" E a distance of 994.74 feet; thence S 00°02'32" W a distance of 2,634.51 feet; thence S 89°50'22" W a distance of 1,000.27 feet; thence N 00°09'45" E a distance of 2,634.45 feet to the POB.

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 13

Attachment A
 Page 2 of 3

FLORIDA PUBLIC SERVICE COMMISSION
 Authorizes
NC Real Estate Projects, LLC d/b/a Grenelefe Utility
 pursuant to
Certificate Number 589-W

to provide water service in Polk County in accordance with the provisions of Chapter 367, Florida Statutes, and the Rules, Regulations, and Orders of this Commission in the territory described by the Orders of this Commission. This authorization shall remain in force and effect until superseded, suspended, cancelled or revoked by Order of this Commission.

<u>Order Number</u>	<u>Date Issued</u>	<u>Docket Number</u>	<u>Filing Type</u>
PSC-97-1546-FOF-WS	12/09/1997	961006-WS	Grandfather Certificate
PSC-05-0142-PAA-WS	02/07/2005	030123-WS	Transfer of Majority Organizational Control
PSC-2024-0228-PAA-WS	07/08/2024	20220142-WS	Transfer of Certificate

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 14

Attachment A
Page 3 of 3

FLORIDA PUBLIC SERVICE COMMISSION
Authorizes
NC Real Estate Projects, LLC d/b/a Grenelefe Utility
pursuant to
Certificate Number 507-S

to provide wastewater service in Polk County in accordance with the provisions of Chapter 367, Florida Statutes, and the Rules, Regulations, and Orders of this Commission in the territory described by the Orders of this Commission. This authorization shall remain in force and effect until superseded, suspended, cancelled or revoked by Order of this Commission.

<u>Order Number</u>	<u>Date Issued</u>	<u>Docket Number</u>	<u>Filing Type</u>
PSC-97-1546-FOF-WS	12/09/1997	961006-WS	Grandfather Certificate
PSC-05-0142-PAA-WS	02/07/2005	030123-WS	Transfer of Majority Organizational Control
PSC-2024-0228-PAA-WS	07/08/2024	20220142-WS	Transfer of Certificate

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 15

Schedule 1-A
 Page 1 of 1

**NC Real Estate Projects, LLC d/b/a Grenelefe Utility
 Existing Monthly Water Rates**

Residential and General Service

Base Facility Charge by Meter Size	
5/8" X 3/4"	\$6.81
3/4"	\$10.22
1"	\$17.03
1 1/2"	\$34.05
2"	\$54.48
3"	\$108.96
4"	\$170.25
6"	\$340.50
Charge Per 1,000 gallons	
0 – 5,000 gallons	\$1.50
5,000 – 10,000 gallons	\$1.89
10,001 – 15,000 gallons	\$2.82
Over 15,000 gallons	\$3.75
Charge Per 1,000 gallons	\$2.09

Initial Customer Deposits

	Potable Water	
	<u>Residential Service</u>	<u>General Service</u>
5/8" X 3/4"	\$19.80	2x Average Estimated Monthly Bill

	Non-Potable Water	
	<u>Residential Service</u>	<u>General Service</u>
5/8" X 3/4"	\$16.48	2x Average Estimated Monthly Bill
1"	\$100.46	2x Average Estimated Monthly Bill
1 1/2"	\$110.38	2x Average Estimated Monthly Bill
2"	\$224.90	2x Average Estimated Monthly Bill

Service Availability Charges

	Meter Installation Charge	
1"		Actual Cost
1 1/2"		Actual Cost
2"		Actual Cost
Service Line Extension and Tap-In		Actual Cost

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 16

Schedule 1-B
 Page 1 of 1

**NC Real Estate Projects, LLC d/b/a Grenelefe Utility
 Existing Monthly Wastewater Rates**

Residential Service

All Meter Sizes \$9.98

Charge Per 1,000 gallons – Residential
 8,000 gallon cap \$2.93

General Service

Base Facility Charge by Meter Size

5/8" X 3/4"	\$9.98
3/4"	\$14.97
1"	\$24.95
1 1/2"	\$49.90
2"	\$79.84
3"	\$159.68
4"	\$249.50
6"	\$499.00

Charge Per 1,000 gallons \$3.52

Initial Customer Deposits

5/8" x 3/4"	\$25.56
1"	2x Average Estimated Bill
Over 1"	2x Average Estimated Bill

Miscellaneous Service Charges

Late Payment Charge	\$5.25
NSF Check Charge	Pursuant to Section 68.065, F.S.

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 17

Schedule No. 2
 Page 1 of 6

**NC Real Estate Projects, LLC d/b/a Grenelefe Utility
 Schedule of Net Book Value as of May 31, 2022
 Water System**

<u>Description</u>	<u>Balance Per</u> <u>Utility</u>	<u>Adjustments</u>	<u>Commission</u> <u>Approved</u>
Utility Plant in Service	\$3,141,633	(\$76,800)	\$3,064,833
Land & and Rights	7,000	(4,000)	3,000
Accumulated Depreciation	(2,733,497)	62,890	(2,670,608)
CIAC	(2,302,685)	0	(2,302,685)
Amortization of CIAC	<u>2,063,146</u>	<u>(92,419)</u>	<u>1,970,727</u>
Total	<u>\$175,597</u>	<u>(\$110,330)</u>	<u>\$65,267</u>

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 18

Schedule No. 2
 Page 2 of 6

**Explanation of Adjustments to Net Book Value as of May 31, 2022
 Water System**

Explanation

Utility Plant In Service	
To reflect appropriate amount of utility plant in service.	<u>(\$76,800)</u>
Land and Land Rights	
To reflect appropriate land balance.	<u>(\$4,000)</u>
Accumulated Depreciation	
To reflect appropriate amount of accumulated depreciation.	<u>\$62,890</u>
Accumulated Amortization of CIAC	
To reflect appropriate amount of accumulated amortization of CIAC.	<u>(\$92,419)</u>
Total Adjustments to Net Book Value as of May 31, 2022	<u>(\$110,329)</u>

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 19

Schedule No. 2
 Page 3 of 6

NC Real Estate Projects, LLC d/b/a Grenelefe Utility
Schedule of Account Balances as of May 31, 2022
Water System

<u>Account</u>			<u>Accumulated</u>
<u>No.</u>	<u>Description</u>	<u>UPIS</u>	<u>Depreciation</u>
304	Structures & Improvements	\$77,541	(\$49,509)
307	Wells & Springs	296,357	(296,357)
310	Power Generation Equipment	106,760	(106,760)
311	Pumping Equipment	98,055	(88,752)
320	Water Treatment Equipment	7,900	(7,900)
330	Distribution Reservoirs	82,951	(72,031)
331	Transmission & Distribution	1,942,590	(1,603,526)
333	Services	98,148	(90,357)
334	Meters & Meter Installations	241,743	(239,521)
335	Hydrants	76,500	(52,606)
340	Transportation Equipment	13,466	(13,466)
341	Transportation Equipment	13,920	(13,920)
343	Tools, Shop, & Garage Equipment	2,955	(2,955)
345	Power Operated Equipment	1,768	(1,768)
346	Communication Equipment	1,800	(1,800)
347	Miscellaneous Equipment	<u>2,380</u>	<u>(2,380)</u>
	Total	<u>\$ 3,064,833</u>	<u>(\$2,670,608)</u>

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 20

Schedule No. 2
 Page 4 of 6

**NC Real Estate Projects, LLC d/b/a Grenelefe Utility
 Schedule of Net Book Value as of May 31, 2022
 Wastewater System**

<u>Description</u>	<u>Balance Per</u> <u>Utility</u>	<u>Adjustments</u>	<u>Commission</u> <u>Approved</u>
Utility Plant in Service	\$3,312,204	(\$252,709)	\$3,059,495
Land & Land Rights	49,400	0	49,400
Accumulated Depreciation	(3,024,931)	286,980	(2,737,951)
CIAC	(1,051,361)	0	(1,051,361)
Amortization of CIAC	<u>808,785</u>	<u>(68,691)</u>	<u>740,094</u>
Total	<u>\$94,097</u>	<u>(\$34,420)</u>	<u>\$59,677</u>

ORDER NO. PSC-2024-0228-PAA-WS
DOCKET NO. 20220142-WS
PAGE 21

Schedule No. 2
Page 5 of 6

**Explanation of Adjustments to Net Book Value as of May 31, 2022
Wastewater System**

Explanation

Utility Plant In Service	
To reflect appropriate amount of utility plant in service	<u>(\$252,709)</u>
Accumulated Depreciation	
To reflect appropriate amount of accumulated depreciation	<u>\$286,980</u>
Accumulated Amortization of CIAC	
To reflect appropriate amount of accumulated amortization CIAC	<u>(\$68,691)</u>
Total Adjustment to Net Book Value as of May 31, 2022	<u>(\$34,420)</u>

ORDER NO. PSC-2024-0228-PAA-WS
 DOCKET NO. 20220142-WS
 PAGE 22

Schedule No. 2
 Page 6 of 6

Grenelefe Resort Utility, Inc.
Schedule of Account Balances as of May 31, 2022
Wastewater System

<u>Account</u>			<u>Accumulated</u>
<u>No.</u>	<u>Description</u>	<u>UPIS</u>	<u>Depreciation</u>
354	Structures & Improvements	\$92,590	(\$92,590)
360	Collection - Sewers Forces	72,400	(72,400)
361	Collection - Sewers Gravity	743,499	(545,012)
363	Services to Customers	83,523	(80,941)
364	Flow Measuring Devices	5,275	(5,275)
370	Lift Stations	239,962	(216,989)
371	Pumping Equipment	110,246	(81,743)
374	Reuse Dist Reservoirs	5,800	(5,476)
380	Treatment & Disposal – Equipment	1,625,931	(1,557,226)
382	Outfall Sewer Line	46,900	(46,900)
390	Office Furniture & Garage Equipment	3,346	(3,346)
391	Transportation Equipment	16,200	(16,200)
393	Tools, Shop, & Garage Equipment	685	(685)
394	Laboratory Equipment	300	(300)
395	Power Operated Equipment	638	(638)
396	Communications Equipment	11,600	(11,600)
397	Miscellaneous Equipment	<u>600</u>	<u>(600)</u>
	Total	<u>\$3,059,495</u>	<u>(\$2,737,951)</u>

EXHIBIT K


Affidavit that tariff and annual reports are on file at PSC

AFFIDAVIT

STATE OF FLORIDA
COUNTY OF Polk

Before me, the undersigned authority, authorized to administer oaths and take acknowledgements, personally appeared Scott House, who, after being duly sworn on oath, did depose on oath and say that NC Real Estate Projects d/b/a Grenelefe Utility has a tariff on file with the Public Service Commission and a current Annual Report.

FURTHER AFFIANT SAYETH NAUGHT.

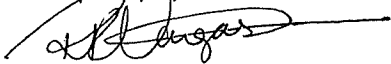


Scott House

Sworn to and subscribed before me this 16 day of September 2024, by Scott House, who is personally known to me.



ROBERTA P. VARGAS
Notary Public
State of Florida
Comm# HH415408
Expires 6/27/2027



Roberta P Vargas
Print Name
NOTARY PUBLIC
My Commission Expires:

EXHIBIT L

Draft Notice

NOTICE OF NC REAL ESTATE PROJECT d/b/a GRENELEFE UTILITY
APPLICATION FOR AMENDMENT OF CERTIFICATE OF AUTHORIZATION TO EXTEND
WATER AND WASTEWATER SERVICE
Docket No. 2024_____ – WS

Notice is hereby given on this ___ day of _____, 2024, pursuant to Rule 25-30.030, Florida Administrative Code, of NC Real Estate Project d/b/a Grenelefe Utility (**Applicant**), Docket No. 2024_____ – WS, Application for Amendment of Certificate of Authorization to Extend Water and Wastewater Service in Polk County, Florida.

The Applicant provides water and wastewater service generally to the Grenelefe Development in Polk County, Florida, which is generally south of Marion Road and west of Lake Marion. The utility is not requesting any changes in its rates, classifications, charges, rules and regulations in the application. Pursuant to Rule 25-39.030, F.A.C., the Applicant seeks an amendment of its certificated water and wastewater service area to include the following land which lies south and west of the existing service area.

Grenelefe Parcel - Township 28 South, Range 28 East, Polk County, Florida:

Portions of Sections 6 and 7

Such parcels containing a combined 581.17 acres of land, more or less.

Groves at Lake Marion Parcel – Township 28 South, Range 28 East, Polk County, Florida:

Portions of Sections 7, 8, 17 and 18

Such parcels containing a combined 279.98 acres of land, more or less.

This legal description has been simplified. To obtain a copy of the exact legal description contact F. Marshall Deterding at 850-877-6555 or mdeterding@sfflaw.com

Any objections to the Application must be made in writing and filed with the Director, Division of Commission Clerk and Administrative Services, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, with a copy to F. Marshall Deterding, Esquire, Sundstrom & Mindlin, LLP, 2548 Blairstone Pines Drive, Tallahassee, Florida 32301, within thirty (30) days from the date of this notice. The objection must state the grounds for the objection with particularity.

NC Real Estate Project d/b/a Grenelefe Utility
3425 Turnberry Drive
Lakeland, FL 33803

EXHIBIT M

Proof of Publication

(late filed)

EXHIBIT N

Affidavit of Mailing
(late filed)