



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

January 3, 2025

Gordon Onderdonk, Permittee
Hernando County Utilities
15365 Cortez Boulevard
Brooksville, FL 34613
gonderdonk@co.hernando.fl.us

Re: Compliance Evaluation Inspection
Ridge Manor Subregional WWTF
Facility ID No.: FLA012031
Hernando County

Dear Mr. Onderdonk

The Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection of the above-referenced system on December 19, 2024. Based on the information provided following the inspection, the system was determined to be in compliance. A copy of the inspection report is attached for your records and any non-compliance items which may have been identified at the time of the inspection have been corrected.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact Anthony DiSipio at (813) 470-5860, or via e-mail at:
Anthony.DiSipio@FloridaDEP.gov.

Sincerely,

A handwritten signature in cursive script that reads "Emily Larson".

Emily Larson
Environmental Manager
Compliance Assurance Program
SWD District
Florida Department of Environmental Protection

Enclosures: Inspection Report (with attachments)

cc: Emily Larson, FDEP, Emily.Larson@FloridaDEP.gov
Anthony DiSipio, FDEP, Anthony.DiSipio@FloridaDEP.gov
Maryn Tidwell, FDEP, Maryn.Tidwell@FloridaDEP.gov
Landis Legg, Utility Plant Supervisor, LandisL@co.hernando.fl.us
Bruce Batten, Chief water and wastewater operator, bbatten@co.hernando.fl.us
<https://floridadep.gov/>



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WASTEWATER COMPLIANCE INSPECTION REPORT

Facility Details

Facility Name	Ridge Manor Subregional WWTF			WAFR ID	FLA012031
Physical Address	5095 Kettering Rd.			City, State, Zip	Brooksville, FL 34602
County	Hernando			Facility Phone #	(352) 754-4037
Permit Issued:	1/31/2018			Permit Expiration:	1/30/2028
Facility Type	Domestic Wastewater			Is the Facility NPDES (Y/N)	No
Latitude	Degrees °	28	Minutes ‘	30	Seconds “ 16.8117
Longitude	Degrees °	82	Minutes ‘	13	Seconds “ 34.077

Inspection Details

Inspection Type	Entry Date	Exit Date			
CEI	12/19/2024	12/19/2024			
	Entry Time (HH:MM AM/PM)	Exit Time (HH:MM AM/PM)			
SSOP	11:23 AM	12:50 PM			
Samples Taken (Y/N)	No	RQ#	N/A	QA Conducted (Y/N)	No
Name(s) and Title of Field Representatives(s)	Operator Certification	Email	Phone Number		
Landis Legg, Utility Plant Supervisor	A-7841	LandisL@co.hernando.fl.us	(352) 754-4820		
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.		
Name(s) and address of Permittee / Designated Rep.	Title	Email	Phone Number		
Gordon Onderdonk 15365 Cortez Boulevard Brooksville, FL 34613	Permittee & P.E. LEED AP	gonderdonk@co.hernando.fl.us	(352) 540-4368		
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.		

Inspector Information

Name(s) and Signature(s) of Inspectors(s)	District Office/Phone Number	Date
Anthony DiSipio, Environmental Specialist II 	SWD/ (813) 470-5860	1/2/2025
Click or tap here to enter text.	Click or tap here to enter text.	Click or tap to enter a date.
Name and Signature of Reviewer	District Office/Phone Number	Date
Emily Larson, Environmental Manager 	SWD/ (813) 470-5955	1/3/2025

Facility Compliance Eval Areas

<i>IC = In Compliance; MC = Minor Out of Compliance; NC = Out of Compliance; SC = Significant Out of Compliance; NA = Not Applicable; NE = Not Evaluated Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a “*”</i>							
Overall Compliance Determination				Out of Compliance			
IC	*Permit	IC	Laboratory	NC	Facility Site Review	IC	*Effluent Quality
IC	*Compliance Schedules	IC	Sampling	IC	Flow Measurement	IC	*Effluent Disposal
IC	*Records & Reports	IC	Biosolids	IC	*Operation & Maintenance	NC	*Groundwater
NC	SSO Survey	NA	Other	NA	Nutrient Management Plan	NA	Access Control
NA	Site Restrictions & Setbacks	NA	Odor/Nuisance	NA	Site Monitoring	NA	MLPW Disposal
NA	Manure Solids						

Clear Report

Hide/Unhide
Place holders

Generate Blank Rows
(for field paper setup)

Generate Deficiency
& Observation Rows

Finish Inspection
Report Form

Single Event Violations (“*” SNC SEVs)

Check for Yes	Evaluation Area	Description	Finding Description	Finding ID
<input type="checkbox"/>	Permit	Effluent Violations - Unapproved Bypass	Wastewater was diverted from a portion of the treatment process without department approval.	UNBY
<input type="checkbox"/>	*Permit	Permit Violations - Discharge Without a Valid Permit	The facility was operating without a permit or with an expired permit.	UPHI
<input type="checkbox"/>	Permit	Permit Violations - Failure to Submit Timely Permit Renewal Application	The permittee failed to submit an application to renew the existing permit at least 180 days prior to expiration.	PFSA
<input type="checkbox"/>	Laboratory	Management Practice Violations - Laboratory Not Certified	The laboratory was not certified by the National Environmental Laboratory Accreditation Conference (NELAC).	LNCE
<input type="checkbox"/>	Sampling	Monitoring Violations - Analysis not Conducted	The facility failed to collect and/or analyze samples as required by permit or enforcement action.	ANCV
<input type="checkbox"/>	Sampling	Monitoring Violations - Failure to Monitor for Toxicity Requirements	The facility failed to collect and/or analyze routine or follow-up toxicity samples.	FTOX
<input type="checkbox"/>	Records and Reports	Management Practice Violations - Failure to Develop Adequate SPCC Plan	The facility failed to develop or maintain their Spill Prevention Control and Countermeasures (SPCC) plan.	FSPC
<input type="checkbox"/>	Records and Reports	Management Practice Violations - Failure to Maintain Records	The facility failed to maintain records for the required retention period.	FMRR
<input type="checkbox"/>	Records and Reports	Reporting Violations - Failure to Notify	The permittee failed to notify the department of any event or activity that requires notification as required by permit or rule.	RSWP
<input type="checkbox"/>	Records and Reports	Reporting Violations - Failure to Submit DMRs	The permittee failed to submit any DMR required by rule, permit, or enforcement action in a timely manner.	FDMR
<input type="checkbox"/>	Records and Reports	Reporting Violations - Failure to submit required report (non-DMR, non-pretreatment)	The facility failed to submit any report required by rule, permit, enforcement action or inspection activity except for DMRs.	FRPT
<input type="checkbox"/>	Facility Site Review	Management Practice Violations - Improper Land Application (non-503, non-CAFO)	The land application system was not being maintained.	LASN
<input type="checkbox"/>	Flow Measurement	Monitoring Violations - No Flow Measurement Device	The facility failed to install a flow measurement device, an approved flow measurement device, or a working flow measurement device.	NOFL
<input type="checkbox"/>	Operation and Maintenance	Management Practice Violations - Improper Operation and Maintenance	The facility failed to follow their operation and maintenance plan/manual.	IONM
<input type="checkbox"/>	Operation and Maintenance	Management Practice Violations - Inflow/Infiltration (I/I)	The facility had an inflow and infiltration problem causing collection system issues and/or operational issues.	ININ
<input type="checkbox"/>	Operation and Maintenance	Management Practice Violations - No Licensed/Certified Operator	The facility was being operated without a certified operator or by an operator that is not licensed for the size of plant.	ONCO
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute toxicity has been documented through follow-up tests.	EATX
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent chronic toxicity has been documented through follow-up tests.	ECTX
<input type="checkbox"/>	*Effluent Quality	Effluent Violations - Failed Toxicity Test	Persistent acute or chronic toxicity has been documented in the effluent through the use of routine and follow-up tests.	ETOX
<input type="checkbox"/>	Effluent Quality	Effluent Violations - Narrative Effluent Violation	The facility violated a permit or enforcement narrative effluent limit.	XNEV
<input type="checkbox"/>	Effluent Quality	Effluent Violations - Reported Fish Kill	The facility had a discharge of wastewater that resulted in a fish kill.	XFSH
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Discharge to Waters	A sewage spill from any components of a collection/transmission system or from a treatment plant reached surface waters including stormwater conveyance system or drainage ditch.	SSO1
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Failure to Maintain Records or Meet Record Keeping Requirements	The facility failed to keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system.	SSO2
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Failure to monitor	The facility failed to collect and/or analyze bacteriological samples for sewage spills that reached surface waters.	SSO3

<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Failure to report violation that may endanger public health 122.41(I)(7)	The facility failed to report a sewage spill within 24 hours of discovery.	SSO4
<input type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Improper Operation and Maintenance	The facility failed to perform routine preventative maintenance to keep the collection/transmission system in good working order.	SSO5
<input checked="" type="checkbox"/>	Sanitary Sewer Overflow Survey	WW SSO - Overflow to Dry Land	A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake.	SSO6

Permit

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
*Is the permit current?	Yes			
Is a copy of the permit available onsite?	Yes			
Is the facility operated in accordance with the permit?	Yes			
*Was the facility constructed or modified with an appropriate or valid permit issued by the Department?	Yes			
Has the facility submitted the permit renewal application 180 days prior to the expiration date?	Yes			
If the permittee for the facility has changed did the department receive notification of this change?	Yes			
If the permit is accompanied by a Consent Order or Administrative Order are, they abiding by the conditions of the order?	N/A			
Is wastewater from a portion of the treatment process diverted with Department approval?	N/A			
*Is the facility discharging to waters of the state with an appropriate FDEP permit?	N/A			
*Was the facility free from unpermitted discharge, bypass, collection system, or residuals with a high potential for water quality or health impacts?	Yes			
Is the facility free from any Permit violation not listed above that needs to be addressed?	Yes			
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 				
Observations:				
During the time of inspection, the permit was current and onsite.				

Compliance Schedule

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
If the facility has a compliance schedule in a permit, Administrative Order or Enforcement Action are they in compliance with the schedule?	Yes			
*Are the Compliance Date(s), Construction Milestone(s), Enforcement Order Schedule(s) or Final Compliance Date started/completed within 90 days of the due date?	Yes			
Has the facility completed construction and submitted a Notification of Completion of Construction for Wastewater Facilities or Activities (Form 62-620.910(12)), if required?	Yes			

Has the Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals (Form 62-620.910(13)) been submitted as required?	Yes
If the facility is under a Toxicity Corrective Action Plan, are they in compliance with the plan?	N/A
Is the facility free from any Compliance Schedule violation not listed above that needs to be addressed?	Yes
<ul style="list-style-type: none"> • Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*” • Questions with “No” responses indicate deficiencies • Questions with “N/A” responses do not apply to the facility 	
Observations:	
The permittee is required to apply for renewal of this permit 180 days before the expiration date, which is August 3, 2027 . The permit renewal application and additional permitting questions can be sent to the Department through the following email address: SWD_WF_Permitting@FloridaDEP.gov .	
The facility has submitted the 5-year updated Capacity Analysis Report (CAR) as required on January 24, 2023.	

Laboratory

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
Is there a current copy of the laboratory certification onsite?	Yes			
If the facility has an onsite laboratory does it have a Florida Department of Health Environmental Laboratory Certification Program certification?	N/A			
Facility DOH Certification #	- N/A			
Contract Lab Name and DOH Certification #	Advanced Environmental Laboratories Inc. Tampa (E84589) Yes			
Does the onsite laboratory use sample analysis methods prescribed in 40 CFR part 136 or a test method that has gone through the EPA alternative method approval process?	N/A			
Does the facility have standard operating procedures that follow the methods set in 62-620.10(18) F.A.C. including 40 CFR Part 136; including required instrumentation, glassware cleaning, reagent/standard use, and troubleshooting procedures?	N/A			
Does the facility have a QA/QC program with a written QA/QC manual as required by 40 CFR 122.41 that is up to date and available for review?	N/A			
Does the facility follow the procedures set in the QA/QC manual; including instrument calibration/maintenance, checks on standard solutions, sample analysis precision/accuracy limits on a prescribed bases and QC samples (duplicate, spiked, blank in at least 10%)?	N/A			
Is the detailed record complete and available for review for each set of analyses performed including the order of calibration, QA/QC, bracketing, and samples analyzed?	N/A			
Does the facility have QA/QC records on the reagent preparation, instrument calibration/maintenance, incubator temperature and purchase of laboratory supplies?	N/A			
Does the facility's laboratory documentation of the sample results use qualifier codes when sample QA/QC fall outside acceptable precision and accuracy limits set in the QA/QC manual?	N/A			
Does the facility's laboratory take and record corrective actions or trouble shooting steps when data falls out of the precision and accuracy limits?	N/A			
Are records of standard(s) and reagent(s) preparation maintained at the laboratory?	Yes			

Is the laboratory maintaining adequate records for reagent preparation(s)?	Yes
Does the laboratory have a system for uniformly recording, correcting, processing and reporting data; including formulas, significant figures, rounding rules, units, cross-checking calculations?	Yes
Is the facility's laboratory adequate for analyzing samples; including pure water, clean bench space for instrument use/storage free of contamination, necessary equipment, vibration free area, ventilation, humidity and temperature control?	Yes
Does the Laboratory meet NELAC and EPA standards including; dry and clean sample storage locations, sample custodian(s) to ensure upon receipt of samples, proper sample storage, preservation and custody documentation?	N/A
Does the facility use appropriate standards that are prepared in volumetric glassware, checked against reliable primary standards, labeled properly, stored in clean containers, and discarded when expired or degraded?	Yes
Does the facility's laboratory analyst(s) demonstrate competency and appropriate training; including ability to follow procedures, ability to meet precision and accuracy limits, knowledge of equipment and analytical methods.	Yes
If the facility test requires temperature measurement, is there a thermometer present that is routinely calibrated against NIST thermometer within calibration date range?	N/A
Is the sample refrigerator temperature correct to meet the preservation requirements for the samples stored within?	N/A
Is the facility free from any Laboratory violation not listed above that needs to be addressed?	Yes
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Observations:	
<p>The laboratory above is certified to conduct all permit required analysis. The lab certification is current and is set to expire on June 30, 2025.</p> <p>The onsite laboratory was observed during the inspection. The laboratory was well maintained and had plenty of counter room to perform calibrations and analysis. The in-house meters that the facility uses are Hach’s DRB 200, DR-3900, and HQ 30D. All handheld meters are calibrated daily, and bench-top meters are calibrated daily and weekly. The pH buffer solutions the facility uses are 7 s.u. and 10 s.u. The pH buffer solutions were in date and stored securely. All calibration logs were kept in binders onsite in the laboratory and current.</p>	

Sampling

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
In facility log books or other documentation, are the daily records appropriately recorded, including composite sampler or other temperatures, and daily calibration of meters.		Yes		
Does the facility maintain records of their daily calibration of their pH meter, chlorine meter, dissolved oxygen meter?		Yes		
Does the facility maintain records of their daily checks of their in-line meter(s) with their field meter(s)?		Yes		
Do field sheets document that the collection and analysis of field tests were analyzed within the 15-minute holding time.		Yes		
Are meters calibrated and sample analysis conducted at the facility done in accordance with DEP SOP and NELAC guidelines? (calibration frequency and sample bracketing for pH, total residual chlorine (TRC), turbidity, DO)		Yes		

Are all the primary and secondary standards used to calibrate and verify meters, used prior to expiration dates and verified against primary standards appropriate for pH, TRC, turbidity, DO?	Yes
Are the inline meters reading within established limits compared to the bench meters? (TRC ≤ 20%, Turbidity ≤ 20%, pH 0.2 SU)	Yes
Were safe access points for obtaining representative influent/effluent samples available?	Yes
Are influent sampling points put prior to internal facility return lines including supernatant, filter backwash and return activated sludge (RAS)?	Yes
Are samples being collected and analyzed as required by the permit or enforcement action; including location, type (grab/composite), time, and frequency?	Yes
Are samples being collected in the proper containers, preserved and analyzed in appropriate hold times in accordance with 40 CFR Part 136, Table II?	Yes
If the facility has a composite sampler with cooling system at the influent/effluent sampling location is there a thermometer present in the sampler that is annually checked against NIST thermometers?	Yes
Is composite sampling being conducted appropriately; including purging, sampling velocity at least 2fps, clean tubing, individual sample volume of at least 100 mL, sample storage of <6°C preservation, hold times and representative samples?	Yes
Did the facility have their Chain of Custody records?	Yes
If sampling was conducted and observed during the inspection did the sampling follow DEP SOP requirements?	N/A
Did the facility collect and/or analyze routine or follow-up toxicity samples as required by permit or enforcement action?	N/A
Is the facility free from any Sampling violation not listed above that needs to be addressed?	Yes
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Observations:	
<p>Sampling was not observed during the time of inspection. Sampling is conducted at the locations identified within the permit and measures have been taken to ensure safe access to all sampling sites.</p> <p>The facility utilizes an ISCO 4700 PLC composite sampler for influent samples. The sample tubing and fridge gaskets were in good condition. The NIST thermometer was 3.5 degrees Celsius, and the facility has set the sampler to pull 1,500 mL aliquot samples. The facility utilizes an ISCO 5800 composite sampler for effluent samples. The sample tubing and fridge gaskets were in good condition. The NIST thermometer was 4 degrees Celsius, and the facility has set the sampler to pull 1,000 mL aliquot samples.</p> <p>The Department recommends labeling the influent and effluent composite samplers accordingly.</p> <p>On December 18, 2024, the facility sent photos of the composite samplers labelled.</p>	

Records and Reports

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
Are the entries in the operator logbook clear, concise, informative and relevant?	Yes			
Was copy of the current O&M manual available at the time of the inspection?	Yes			
Is there a current operator license?	Yes			
Is there a current RPZ certification?	Yes			

Is there a copy of the current Operating Protocol for Part 3 Reuse?	N/A
Does the facility have and maintain their Spill Prevention Control and Counter measurement (SPCC) Plan?	Yes
Are all required documents and reports available at the plant well organized and complete?	Yes
Does the facility maintain the records onsite for the required retention period?	Yes
Discharge Monitoring Reports (DMRs) Review Period	12/1/2023 - 12/1/2024 Yes
Are the discharge monitoring reports completed properly?	Yes
Are the DMRs submitted on the proper form?	Yes
Is an authorized representative signing the DMRs?	Yes
Has the permittee submitted an annual Reclaimed Water and/or Effluent Analysis Report?	Yes
Does the facility submit their monitoring results for Giardia and Cryptosporidium in a timely manner?	N/A
A review of the last toxicity test did not reveal any deficiencies?	N/A
Has the facility submitted all report(s) during the review period that are required by rule, permit, enforcement action or inspection activity, other than DMRs?	Yes
*Has the facility timely submitted DMRs as required by rule, permit, or enforcement action? (If either reports are >30 days late meets SNC criteria)	Yes
Has the facility submitted all final compliance schedule reports as required by rule, permit, or enforcement action?	Yes
Has the permittee notified the Department of any event or activity that requires notification as required by permit or rule?	Yes
*Are records or reports free from falsified data?	Yes
Is the facility free from any Records and Reports violation not listed above that needs to be addressed?	Yes
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Observations:	
<p>All records were kept onsite in the front office at the front of the plant. The operator logbook was onsite and filled out with the activities and any work done for the plant. The operator licenses were current and onsite for the staff and are due to expire on April 30, 2025. The facility has two RPZ's on site and the most recent certification was onsite and passed on May 11, 2024, for both RPZ's.</p> <p>For the January 2024 DMR a set of weekly samples were taken, but the laboratory did not pick up the samples. Correspondence has been received and uploaded to OCULUS explaining this event.</p>	

Facility Site Review

Compliance Rating	Out of Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
The headworks was free from excessive corrosion.	Yes			
The headwork is free from evidence of recent overflows.	Yes			
Is the odor control system operational at the headworks?	N/A			
Is the comminutor operational at the headworks?	N/A			
Is the grit separator operational at the headworks?	Yes			
Is the bar screen cleaned on a routine basis?	Yes			

Is the mechanical bar screen functioning as intended?	Yes
Are screenings and grit being collected from the headworks in suitable containers?	Yes
Rags, grit and/or screening are being disposed of properly.	Yes
Are screenings and grit from the headworks being disposed at a Class I Landfill?	Yes
Are records of the disposal of the screenings and grit collected at the headworks available?	Yes
The leachate from the screening dumpster(s) is piped to the headworks and not onto the ground.	Yes
Is the clarifier free from solids discharging over the weir(s)?	Yes
Is the clarifier free from excessive sand and/or grit accumulation?	Yes
Is the clarifier free from excessive scum, algae and/or trash overflowing the weir?	Yes
Does the skimmer appear to be functional in the clarifier?	Yes
Is the sludge collector and pump functional in the clarifier?	Yes
Are the clarifier weir(s) level?	Yes
Is the clarifier free from short circuiting with loss over the weir?	Yes
Are the aeration basins diffusers free from clogs and providing adequate mixing?	Yes
Was the time clock or manual controls for the aeration system operational at the time of the inspection?	Yes
Is the RAS line properly located?	Yes
The RAS line was free from excessive splashing that could cause solids to be discharged outside the tank.	Yes
The mixed liquor (MLSS) in the oxidation ditch was appropriately colored with no black coloring.	Yes
Is even distribution of air observed in the aeration basin?	Yes
Are the air line(s) to the aeration basin(s) free from leaks?	Yes
The brushes and paddles in the oxidation ditch were all in good working order.	Yes
Is the velocity in the oxidation ditch sufficient to prevent settling of solids?	Yes
Are dual blower motors present as required by rule?	Yes
Are the blower motors equipped with belt guards?	Yes
The blower motors are free from excessive noise.	Yes
Are all the blower motors present and operational at the time of the inspection?	Yes
Are spare parts and a second standby blower motors stored onsite?	Yes
Is the electrical box wiring for the blower motors adequately protected?	Yes
Were the tank contents in the aerobic digester(s) well mixed?	Yes
Are the digester(s) free from excessive odors and/or foaming?	Yes
Is the digester at the appropriate operational capacity?	Yes
Are there two functioning pumps in the surge tank(s)?	N/A
What was the biomass color of the trickling filter at the time of the inspection?	- N/A
Is trickling filter media free from excessive ponding?	N/A
Are center columns and distribution arms of the trickling filter free from leaks?	N/A
Are the distribution arm orifices free from clogs, trash and/or scum resulting in uneven distribution of flow on the trickling filter media?	N/A
Is the RBC free from black biomass indicating solids and/or BOD loading?	N/A
Is the RBC free from white biomass indicating the presence of bacteria, which feed on sulfur compounds?	N/A
Is the RBC free from excessive grinding/whining noise(s) from the motor, drive shaft, and bearings?	N/A
Are all RBC rotating disks and/or paddles present and in good working?	N/A
Is the RBC unit drive shaft free from excessive vibration?	N/A

Are all the aerators in the lagoon operational at the time of the inspection?	N/A
Is the base of the lagoon free from lateral seepage at the time of the inspection?	N/A
Does the treatment lagoon have adequate freeboard space?	N/A
Is the treatment lagoon properly secured to prevent unauthorized access?	N/A
Is the treatment lagoon free from excessive foaming?	N/A
Are the treatment lagoon berms properly stabilized?	N/A
Is the Chlorine Contact Chamber (CCC) effluent clear and free from scum, solids accumulation and debris?	Yes
Are the baffles in the CCC functioning as intended?	Yes
Does the chlorine injection point provide optimal mixing to occur in the CCC?	Yes
Is the CCC chlorine pump operational, providing adequate chlorine supply for disinfection and at the permitted location?	Yes
Is the chlorine storage area protected from the elements?	Yes
Is the alarm indicator for the chlorine system operational?	N/A
Is the chlorine supply covered in frost indicating an issue with the system?	N/A
Is the fan inside the chlorine room operational?	N/A
Are the chlorine scales operational?	N/A
Is an operational Self-Contained Breathing Apparatus (SCBA) available for the chlorine room?	N/A
Are the chlorine gas cylinders properly secured?	N/A
Is a fresh supply of ammonia available to test for leaks in the gas chlorination system?	N/A
Do the UV ballast control boxes have adequate ventilation?	N/A
Does the plant staff have access to UV protective eyeglasses?	N/A
Is the facility maintaining adequate records of UV lamp operating hours?	N/A
Are the UV lamps and ballast being cleaned in accordance with the manufacturer's recommendation?	N/A
Does the facility have an adequate inventory of spare parts for the UV system?	N/A
Is the facility conducting routine performance checks on the UV system?	N/A
Is the UV intensity monitoring equipment operational?	N/A
Is the stilling well free from a thick layer of sludge and/or trash?	N/A
Is the chlorine contact chamber providing a minimum contact time of 15 minutes?	Yes
Chlorine and SO2 cylinders marked with empty/full tags?	N/A
Is the automatic SO2 feed operational within de-chlorination process?	N/A
Is the SO2 system free from frost within de-chlorination process?	N/A
Are the bisulfite (SO2) gas cylinders properly secured for de-chlorination?	N/A
Was there adequate ventilation in the SO2 room?	N/A
Is the filter media free from solids that could cause plugging and/or overflow?	N/A
Is the land application system being maintained?	N/A
If an injection well was plugged or abandoned, was it completed appropriately with DEP approval?	N/A
If a well was constructed, was it permitted prior to beginning construction and constructed as required by permit?	N/A
Is the injection well Operation and Maintenance done satisfactorily?	N/A
Is there adequate access to all monitoring locations?	Yes
Is the exterior of the tanks, wall, and/or pipes of the facility free from leaks?	Yes
Are the facility grounds clean and well maintained?	Yes
Is the required signage adequate?	Yes
The facility was free from odors emanating from the facility.	Yes

The facility was free from excessive noise which could be heard beyond the boundaries of the facility.	Yes
Is the facility providing safety measures at all times including adequate lighting?	Yes
The facility is disposing of sludge appropriately, with no sludge being disposed of on the facility grounds.	Yes
Was an alternative power source available at the facility?	Yes
Is the onsite generator tested under load on a monthly basis?	Yes
Are records available for the testing of the generator?	Yes
Is the area around the lift station(s) maintained?	Yes
Are there warning signs with emergency contact information on and/or around the lift station(s)?	Yes
Does the facility have a fence around their lift station(s)?	Yes
Is the gate around the lift station and the cover to the lift station locked?	Yes
Is the cover to the lift station(s) free from safety hazards?	Yes
Are there two functioning pumps that alternate?	Yes
Is the electrical panel in good working order and free from needed repair and/or replacement?	Yes
Was the collection system or lift station free from offsite objectionable odors?	Yes
The lift station visual and audio alarm operating satisfactory?	Yes
Are the potable water supply lines and the facility free from cross connections?	Yes
Is an RPZ in place and free of leaks on all potable water supply lines?	Yes
Is there a record of testing available on the RPZ?	No
Is the facility free from any Facility Site Review violation not listed above that needs to be addressed?	No
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Deficiencies & Corrective Actions:	
Is there a record of testing available on the RPZ?[62-555.330(6) F.A.C.]	Deficiency: (Narrative) At the time of inspection, the RPZ certification for lift station RM-LS20 was not available.
	Corrective Action(s): (Narrative) Within 7 days of the date of this letter , submit a copy of the RPZ certification for the RPZ at lift station RM-LS20. <i>On Tuesday, December 31, 2024, the Department received corrective action documents for the RPZ certification for lift station RM-LS20. Corrective action documents have been uploaded to OCULUS and no further action is required.</i>
Is the facility free from any Facility Site Review violation not listed above that needs to be addressed? [See Deficiency Narrative for Specific Rule Violated]	Deficiency: (Narrative) At the time of inspection, there was a crack near the clarifier weirs in clarifier 1 (see supporting document). Rule/Permit Reference: Rule 62-600.410(3) Florida Administrative Code (F.A.C.) states, in part, all facilities and equipment necessary for the treatment, reuse, and disposal of domestic wastewater and biosolids shall be maintained, at a minimum, so as to function as intended.
	Corrective Action(s): (Narrative) Within 7 days of the date of this letter , address the crack within clarifier 1 near the weirs. Once complete, submit corrective action photos to the Department for review.

On Tuesday, December 31, 2024, the Department received corrective action photos of the crack addressed in clarifier 1. Corrective action documents have been uploaded to OCULUS and no further action is required.

Observations:

The headworks is equipped with a mechanical bar screen system and grit removal system with a dumpster to collect the debris. The mechanical bar screen and grit removal system appeared to be functioning as intended. The blowers appeared to be function as intended. The oxidation ditch had a good flow with medium mixed brown liquor with no dead zones. Clarifier 1 was online at the time of inspection, and Clarifier 2 was offline due to the facility not having high flows. The sludge blanket for Clarifier 1 was 1 foot. The clarifier weirs appear to be level and the water going over the weirs was free of solids. The east side of the chlorine contact chamber was online at the time of inspection and the west side of the chlorine contact chamber was offline. The east and west side of the CCC are switched weekly. The water looked clear and had no pop ups.

Flow Measurement

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
Is there easy access to flow meter?	Yes			
Is the flow meter in the correct location?	Yes			
Is the flow measuring device installed properly?	Yes			
Is the flow meter calibrated at least annually and is it current?	Yes			
When was the flow meter last calibrated?	10/21/2024 Yes			
Is the flow measurement device operating within +/- 10% of the actual flow?	Yes			
Is the flow meter operating properly at the time of the inspection?	Yes			
The chart recorder and/or totalizer for the flow meter was operational at the time of the inspection.	N/A			
The elapsed time meters on the lift station pumps were functioning.	Yes			
The flow entering the convergence section of the Parshall Flume was free of excessive turbulence.	Yes			
Is the facility free from any Flow Measurement violation not listed above that needs to be addressed?	Yes			
<ul style="list-style-type: none"> • Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*" • Questions with "No" responses indicate deficiencies • Questions with "N/A" responses do not apply to the facility 				
Observations:				
At the time of inspection, the flow meter calibration was onsite and current. Flow is measured via a V-notch weir by a flow meter on the Chlorine Contact Chamber (CCC).				

Operations and Maintenance

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
Does the facility have adequate plant staffing?	Yes			
Is a certified operator operating the wastewater treatment facility with the appropriate license level for the size of the plant?	Yes			
Is the operator performing treatment plant operation and maintenance duties in a responsible and professional manner?	Yes			
Is the plant O&M log maintained in a hard-bound book with consecutive page numbering, or another approved format?	Yes			
Does the facility have an O&M manual, and does the facility's O&M manual reflect the current configuration of the facility?	Yes			
*Is the facility operated in accordance with the O & M Manual? (If there is a high potential for water quality or health impacts meets SNC criteria)	Yes			
Is the facility maintaining a log that documents routine equipment maintenance?	Yes			
Is the plant free of any treatment components that are in disrepair that would provide for unsafe operation?	Yes			
Is the facility without an inflow and infiltration problem which would cause collection system and/or operational issues?	Yes			
*Does the facility replace malfunctioning equipment, which can result in a high potential for water supply quality or health impacts?	Yes			
Dike berms appeared to be in satisfactory condition.	N/A			
Hand rails/catwalks/ladders were in good working order providing for safe conditions.	Yes			
The liner(s) in the containment pond(s) appeared to be functioning as intended.	N/A			
The plant operator is fulfilling the minimum site requirements as required by the Permit.	Yes			
Preventative maintenance is being performed in the accordance with the manufacturer's recommendations.	Yes			
The facility maintains an adequate spare parts inventory.	Yes			
Swales were being maintained.	N/A			
Is the facility free from any Operations and Maintenance violation not listed above that needs to be addressed?	Yes			
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a "*"</i> • <i>Questions with "No" responses indicate deficiencies</i> • <i>Questions with "N/A" responses do not apply to the facility</i> 				
Observations:				
At the time of inspection, the facility was securely fenced and had adequate signage. The facility grounds appeared well-maintained. There were no apparent odors emanating from the facility. There was adequate potable water protection.				

Effluent Quality

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				

DMR review period:	12/1/2023 - 12/1/2024 Yes
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	N/A N/A
A review of the inspection sampling results revealed the following effluent exceedance(s).	- N/A
*Did the effluent limits exceed the Technical Review Criteria less than two times in six months?	Yes
*Are the effluent limits without exceedances four out of six months (chronic criteria)?	Yes
*Did the total residual chlorine levels meet disinfection limits? (If below required minimum 10% or more of the time in a rolling 6 month period, meets SNC criteria)	Yes
Was the facility free of a discharge of wastewater that resulted in a fish kill?	N/A
*Is persistent acute toxicity documented through follow-up tests?	N/A
*Is persistent chronic toxicity documented through follow-up tests?	N/A
*Is persistent acute or chronic toxicity documented in the effluent through the use of routine and follow-up tests?	N/A
Does the facility meet the permit or enforcement narrative effluent limitation(s)? (Non-DMR visible sheen defined as iridescence present so as to cause taste or odor, or otherwise interfere with the beneficial use of the receiving water)	Yes
Is the effluent free from excessive (suspended solids, foam, grease, scum) in the discharge stream?	Yes
*Was the facility free from any other violation with a high potential for water quality or health impacts?	Yes
Is the facility free from any Effluent Quality violation not listed above that needs to be addressed?	Yes
Department Sampling Results Comments: Choose an item.	
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> <i>Questions with “N/A” responses do not apply to the facility</i>	
Observations:	
Effluent leaving the chlorine contact chamber appeared clear.	

Effluent Disposal

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
Are discharge location(s) as per permit?	Yes			
What type of reuse is the facility approved for?	Part IV rapid rate land application system (R-001) Yes			
Has a cross connection control program been implemented within the areas where reclaimed water is provided for use (Part III, VII)?	N/A			
Is all reclaimed water piping and equipment color-coded Pantone purple (522C)?	N/A			
Hose bibbs met access restrictions and other requirements.	N/A			
Reclaimed water valves and outlets were appropriately tagged and /or labeled.	N/A			
Are advisory signs posted in English and Spanish in areas where non-potable Public Access Reuse water is being applied (Part III, VII)?	N/A			
Is the reclaimed water retained on the application site?	N/A			
No significant ponding was observed on the reclaimed water application site.	N/A			
There was no aerosol mist leaving the boundaries of the land application?	Yes			
There was no evidence of solids loss in the treatment process or from the plant?	Yes			
The RIBs and/or percolation ponds were free from excessive vegetation and sludge?	Yes			
The percolation ponds were free from accumulated sludge.	Yes			
Does the percolation ponds have at least 3 ft of freeboard?	Yes			
The absorption field was free from excessive vegetation.	N/A			
Do the reclaimed water storage ponds have adequate freeboard?	N/A			
Are RIBs well maintained and free from excessive vegetation?	Yes			
There was no evidence of a bypass or failure at the effluent storage and/or disposal site(s)?	Yes			
Are all effluent disposal areas such as RIBs, ponds, and sprayfields being loaded and rested per permit conditions?	Yes			
The disposal pond berms were free from excessive growth or vegetation.	Yes			
There was no evidence of a bypass or failure from the storage ponds observed during the inspection.	N/A			
No unauthorized discharge to waters of the state was observed during the inspection.	Yes			
Are the sprinklers functioning as intended for the absorption field(s) or sprayfield(s)?	N/A			
The facility is meeting the minimum setback distances.	N/A			
Does the facility maintain a supply of spare parts for the absorption field(s) or sprayfield(s)?	N/A			
The effluent disposal and/or storage area was free from sinkholes.	Yes			
Are the sprayfields free from grazing dairy cattle?	N/A			
The sprayfield was free from ponding.	N/A			
The sprayfield was free from excessive vegetation.	N/A			
Edible food crops were being properly irrigated with reclaimed water.	N/A			
What cover crop and/or vegetation is planted on the reclaimed water area(s)?	- N/A			
*The disposal system was being operated as designed with a low potential for water quality or health impacts.	Yes			
*There was no unauthorized operation or modification of the disposal system.	Yes			
Fencing around the effluent disposal site for access control was complete and in good repair.	Yes			
There were no dead animals observed in the discharge stream.	Yes			

Is the facility free from any Effluent Disposal violation not listed above that needs to be addressed?	Yes
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Observations:	
The facility’s disposal system consists of R-001, which are two Rapid Infiltration Systems (RIBs) with multiple cells. At the time of inspection, the RIBs were well maintained and had adequate freeboard.	

Biosolids

Compliance Rating	In Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
Does the facility's method of biosolids use or disposal match what is allowed in the facility permit (i.e., landfill, land application, distribution and marketing, transfer to another facility, biofuel/bioenergy)?	Yes			
Does the permittee keep records of biosolids quantities for five years, as applicable (quantities generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled)?	Yes			
Are biosolids quantities reported on the facility RMP-Q DMR?	Yes			
Are the biosolids quantities reported on the RMP - Q DMRs correct and accurate?	Yes			
The facility's treatment, management, transportation, use, land application, or disposal of biosolids does not result in objectionable odors, i.e., does not result in a violation of the odor prohibition in subsection 62-296.320(2)	Yes			
If there is an objectionable odor, please describe the odors characteristics, frequency, duration, and migration, etc.	- N/A			
Is the storage of biosolids or other solids at this facility in accordance with the Facility Biosolids Storage Plan?	Yes			
Does the treatment facility ensure no biosolids are spilled from or tracked off the treatment facility property by the hauling vehicle?	Yes			
The biosolids for this facility are classified as _____: (AA, A, and/or B)	B Yes			
Does the class of biosolids produced for beneficial use match the authorized class in the facility permit (Class AA, A, or B)?	Yes			
Does the facility use the biosolids pathogen reduction alternative option identified in the permit?	Yes			
Are all the operational and process parameters monitored to demonstrate compliance for pathogen reduction?	Yes			
Do the biosolids meet the treatment requirements for pathogen reduction option used?	Yes			
Does the facility use the biosolids vector attraction reduction option identified in the permit?	Yes			
Are all the operational and process parameters monitored to demonstrate compliance for vector attraction reduction?	Yes			
Do the biosolids satisfactorily meet the treatment requirements for vector attraction reduction?	Yes			

If the Specific Oxygen Uptake Rate (SOUR) test is used for vector attraction reduction, is it conducted within 15 minutes of sample collection by a certified laboratory or under the direction of an operator certified in accordance with Chapter 62-602, F.A.C?	Yes
Does treatment of biosolids or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements take place at the permitted facility (e.g., not in the tank of a hauling vehicle)?	Yes
Are the biosolids monitored at the frequency required by the permit?	Yes
Are the biosolids monitoring results reported on the facility DMR (RMP-AA, RMP-A, or RMP-B)?	Yes
Are the biosolids monitored for all the required parameters for the class of biosolids?	Yes
Do the Class AA, A, or B biosolids comply with the ceiling pollutant limits?	Yes
Are the correct analysis methods used for biosolids?	Yes
Is a certified laboratory used for the analysis of the biosolids?	Yes
Are all biosolids samples representative and taken after final treatment of the biosolids but before land application or distribution and marketing, unless otherwise approved?	Yes
Are all biosolids samples taken at the location specified in the facility permit?	Yes
Are the correct sample types properly taken for the type of biosolids (POTW Sludge Sampling Manual)?	Yes
Are the Class AA biosolids monitored monthly?	N/A
Do the Class AA biosolids meet the Class AA parameter limits?	N/A
Are Class AA biosolids that are stored for more than 45 days re-sampled for fecal coliform or Salmonella sp. at the frequency specified in the permit, if required?	N/A
For distribution and marketing, does the facility have a fertilizer license, sell or given-away to someone with a fertilizer license, or is enrolled in the US Composting Council's Seal to Testing Assurance program (USCC STA program does not apply in the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds)?	N/A
If the facility discovered that distributed and marketed biosolids did not meet Class AA standards, did the facility notify, within 24 hours, the Department and all persons to whom they delivered or distributed and marketed the Class AA biosolids?	N/A
Does the facility make available to users by product labels or other means the following information - fertilizer label or equivalent information; name and address of the facility; statement that the biosolids meet subsection 62-640.700(5), F.A.C.; recommend application rates; and, recommendations for storage (including the more than one dry ton/seven-day provision)?	N/A
Are all the sites where biosolids are land applied listed on the Treatment Facility Biosolids Plan form (DEP Form 62-640.219(2)(a))?	Yes
If a permitted site not listed in the Treatment Facility Biosolids Plan was used, did the permittee notify DEP at least 24 hours prior to land application at the site and submit a revised form within 30 days after using the site?	Yes
Did the facility only use permitted sites - i.e., no unpermitted sites were used for land application (i.e., the site did not have a valid DEP permit)?	Yes
Does the permittee maintain hauling records for shipments to land application sites and do they contain the required information?	Yes
Does the permittee provide a copy of the hauling records to the biosolids site manager, were records free of any discrepancies regarding the quantities delivered, and any discrepancies were reported to DEP within 24 hours of discovery?	Yes
Did all biosolids sent to sites meet pathogen reduction, vector attraction reduction, and pollutant limits?	Yes
If biosolids not meeting standards were sent to a site, did the permittee notify DEP, the site manager, the site permittee within 24 hours of discovery?	Yes

Does the permittee maintain copies for each site used of the Biosolids Application Site Annual Summary forms received from the site permittees indefinitely?	Yes
Has the permittee submitted Treatment Facility Biosolids Annual Summary reports to DEP by February 19 each year?	Yes
Was the information in the Treatment Facility Biosolids Annual Summary accurate?	Yes
Is any incineration or use of biosolids as a biofuel or for bioenergy in accordance with DEP's air regulations and RCRA?	N/A
Does the permittee keep the required hauling records to track transport of biosolids between facilities?	Yes
If the facility receives biosolids from a source facility, did the permittee report any discrepancies in the quantities of biosolids to DEP within 24 hours of discovery?	Yes
If the facility is a source facility and sends biosolids to another facility, does the permittee provide a copy of their hauling records for each shipment to the receiving facility?	Yes
If the facility receives biosolids from a source facility, does the receiving facility permit allow receipt of biosolids from other facilities?	N/A
Does the facility have copies of the required written agreement(s) between the receiving and source facility?	Yes
Did the permittee (source or receiving facility) submit all new written agreements to DEP within 30 days before transporting biosolids (unless approval given otherwise)?	Yes
Is operator staffing requirements met?	Yes
Are the biosolids receiving and handling operations satisfactory?	Yes
Are grit and screenings, etc., from the headworks properly disposed of in a landfill?	Yes
Is the facility free from any Biosolids violation not listed above that needs to be addressed?	Yes
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Observations:	
The most recent Biosolids Hauling record indicated that Ridge Manor Subregional WWTF hauled 33,480 pounds of biosolids offsite to a landfill on December 11, 2024.	

Groundwater

Compliance Rating	Out of Compliance			
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No
Questions				
DMRs review period	12/1/2023-12/1/2024 Yes			
Are the groundwater monitoring results sent to the Department on Discharge Monitoring Report, Form 62-620.910(10), F.A.C. and submitted by the DMR due date?	Yes			
After a review of the Discharge Monitoring Reports, are the compliance well parameters meeting the groundwater standards in the time period reviewed (12 months or greater)?	Yes			
A review of the Discharge Monitoring Reports revealed the following effluent exceedance(s).	- N/A			

Do the facilities purging logs on DEP Form FD 9000-24 indicate that purging was done properly; including sufficient volume, purge rate, depth to water, and stability criteria (pH, Temperature, Conductivity, Dissolved Oxygen, Turbidity)?	Yes
Is the groundwater monitoring report complete and accurate, including analysis method, laboratory method detection limits, static water level, purging logs, sample collection procedures and treatment?	Yes
Do the groundwater monitoring wells meet DEP requirements including; tamper-proof locks, unique well label(s), concrete well pad with protective bumpers not containing numerous cracks, and is free of clutter for sampling purposes?	Yes
If or when new well construction was completed did the facility plug and properly abandoned the existing well and submit Monitoring well completion Report, Form 62-520.900(3) to DEP within 60 days?	N/A
If a monitoring well became damaged or inoperable was maintenance conducted and notification sent to DEP within 2 days of discovery?	N/A
Is the well(s) that the facility is sampling at part of the approved groundwater monitoring plan?	Yes
Are the monitoring wells operable to the extent that sampling is possible?	Yes
Are groundwater samples being collected and analyzed as required by the permit or enforcement action; including location, well type, sample type (grab/composite), time, and frequency?	Yes
If sampling was observed were the sample collection activities being performed in accordance with DEP SOP FS 2200?	N/A
If sampling was observed was equipment in satisfactory condition?	N/A
If sampling was not observed is the description of sample collection activities being performed in accordance with DEP SOP FS 2200?	Yes
Is the facility free from any Groundwater violation not listed above that needs to be addressed?	No
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 	
Deficiencies & Corrective Actions:	
Is the facility free from any Groundwater violation not listed above that needs to be addressed?[See Deficiency Narrative for Specific Rule Violated]	Deficiency: (Narrative) At the time of inspection, there was a crack on the well pad for monitoring well MWC-02 (see supporting document).
	Rule/Permit Reference: Rule 62-600.410(3) states, all facilities and equipment necessary for the collection, treatment, reuse, and disposal of domestic wastewater and biosolids shall be maintained, at a minimum, so as to function as intended.
	Corrective Action(s): (Narrative) Within 7 days of the date of this letter , address the crack on the well pad for MWC-02. Once complete, submit corrective action photos to the Department for review. <i>On Tuesday, December 31, 2024, the Department received corrective action photos of the crack addressed for MWC-02. Corrective action documents have been uploaded to OCULUS and no further action is required.</i>
Observations:	

At the time of inspection, Department staff examined MWC-1, MWC-2, MWC-3, and MWC-6. The monitoring wells were locked and labelled, and the casing was in good condition for each of the wells. The tubing was capped for each of the wells. The concrete wells pads for MWC-1, MWC-3, and MWC-6 were in good condition.

The Department recommends changing the sample tubing for all of the monitoring wells.

SSO Survey

Compliance Rating	Out of Compliance		
Does this section apply to the facility?	<input checked="" type="radio"/>	Yes	<input type="radio"/> No
Questions			
Does the facility have an Operation and Maintenance Manual for their collection system?	Yes		
How often is the Operation and Maintenance Manual updated?	As needed Yes		
Does the O&M manual reflect the current collection system configuration?	Yes		
Are procedures available for minimizing spills in either the Operation and Maintenance Manual or in a separate document?	Yes		
Does the facility have a Sewer Overflow Response Plan/procedures for minimizing spills?	Yes		
Did the facility collect and/or analyze bacteriological samples as outlined in their SORP?	Yes		
Does the facility have a map of its collection system?	Yes		
Are the SORP and collection system maps immediately available to SSO response staff, including during power failures?	Yes		
Did the facility collect and/or analyze bacteriological samples for sewage spills that reached surface waters?	Yes		
Does the facility perform routine preventative maintenance to keep the collection/transmission system in good working order?	Yes		
Does the facility maintain a ready-to-use supply of equipment, tools and materials for responding to SSOs?	Yes		
How many lift stations have permanent emergency back-up power generators?	Unknown Yes		
In the last 12 months, was the facility free from sewage spills or abnormal event from any part of a collection/transmission system or treatment plant that discharged to the ground or did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake?	No		
Does the facility report the spill(s) to the Department within 24 hours of discovery?	Yes		
Does the facility follow up on spills?	Yes		
Does the facility keep routine documentation and reporting records of spills, and/or operation and maintenance activities on the collection/transmission system(s)?	Yes		
In the last 12 months, was the facility free from sewage spills or abnormal events from any components of a collection/transmission system or from a treatment plant that reached surface waters including stormwater conveyance system or drainage ditch?	Yes		
Is the facility free from any SSO violation not listed above that needs to be addressed?	Yes		
<ul style="list-style-type: none"> • <i>Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”</i> • <i>Questions with “No” responses indicate deficiencies</i> • <i>Questions with “N/A” responses do not apply to the facility</i> 			
Deficiencies & Corrective Actions:			
A sewage spill from any part of a collection/transmissio	Deficiency: (Narrative) In the last 12 months the facility has had 3 sanitary sewer overflows (SSO’s). The three spills were on the following dates: 2/6/2024, 10/14/2024, and 12/6/2024		

<p>n system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake. [62-604.130(1) F.A.C., SSO6]</p>	<p>Corrective Action(s): (Narrative) All of the spills have been addressed and no further action is required.</p>
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Observations:

The facility reports all abnormal events as required. In the last 12 months the facility has had 3 sanitary sewer overflows (SSO's). The three spills were on the following dates: 2/6/2024, 10/14/2024, and 12/6/2024. All three spills were to ground and have been addressed. The facility has 23 lift stations in their collection system, 11 of which are private.

RM-LS20 (Papa Joe's): At the time of inspection the lift station was locked and had adequate emergency signage. No odors were emanating offsite during the inspection. Documenting site visits and maintenance is all done via work orders on LU-City (online work order database). The high-level visual and audible alarms were functioning as intended. There was an RPZ onsite. The lift station is checked two times a week. In the event of an overflow, the facility is reliant on the public.

RM-LS05: At the time of inspection the lift station was locked and had adequate emergency signage. No odors were emanating offsite during the inspection. Documenting site visits and maintenance is all done via work orders on LU-City (online work order database). The high-level visual and audible alarms were functioning as intended. The lift station has the ability to connect to a generator in the event of an emergency. There was an RPZ onsite, which was last certified February 20, 2024. The lift station is checked two times a week. In the event of an overflow, the facility is reliant on SCADA.

RM-LS04: At the time of inspection the lift station was fenced and locked and had adequate emergency signage. No odors were emanating offsite during the inspection. Documenting site visits and maintenance is all done via work orders on LU-City (online work order database). The high-level visual and audible alarms were functioning as intended. The lift station has an onsite generator that is exercised once a week under load and odor control. There was an RPZ onsite, which was last certified February 20, 2024. The lift station is checked two times a week. In the event of an overflow, the facility is reliant on SCADA.

Other

Compliance Rating	Not Applicable			
Does this section apply to the facility?	<input type="radio"/>	Yes	<input checked="" type="radio"/>	No
Questions				
*Is the facility free from any violation not listed above, or pattern of noncompliance, resulting in a high potential for water quality or health impacts (<i>Any violations considered significant by the Secretary, Deputy Secretary, Director of District Management, or the Division Director meet SNC criteria</i>)	N/A			
Please describe any potential Non-wastewater violations (i.e. hazardous waste, stormwater, SLERP, Air and Storage Tanks) that were referred.	- N/A			

- Significant Non-Compliance Criteria per Program Guidance Memo OWM-00-01 Should be Reviewed when Checklist Items Deficiencies are Noted and Marked by a “*”
- Questions with “No” responses indicate deficiencies
- Questions with “N/A” responses do not apply to the facility

Observations:

N/A

Deficiencies Summary

Evaluation Area: Facility Site Review

<p>Is there a record of testing available on the RPZ? [62-555.330(6) F.A.C.]</p>	<p>Deficiency: (Narrative) At the time of inspection, the RPZ certification for lift station RM-LS20 was not available.</p> <p>Corrective Action(s): (Narrative) Within 7 days of the date of this letter, submit a copy of the RPZ certification for the RPZ at lift station RM-LS20.</p> <p>On Tuesday, December 31, 2024, the Department received corrective action documents for the RPZ certification for lift station RM-LS20. Corrective action documents have been uploaded to OCULUS and no further action is required.</p>
<p>Is the facility free from any Facility Site Review violation not listed above that needs to be addressed? [See Deficiency Narrative for Specific Rule Violated]</p>	<p>Deficiency: (Narrative) At the time of inspection, there was a crack near the clarifier weirs in clarifier 1 (see supporting document).</p> <p>Rule/Permit Reference: Rule 62-600.410(3) Florida Administrative Code (F.A.C.) states, in part, all facilities and equipment necessary for the treatment, reuse, and disposal of domestic wastewater and biosolids shall be maintained, at a minimum, so as to function as intended.</p>
	<p>Corrective Action(s): (Narrative) Within 7 days of the date of this letter, address the crack within clarifier 1 near the weirs. Once complete, submit corrective action photos to the Department for review.</p> <p>On Tuesday, December 31, 2024, the Department received corrective action photos of the crack addressed in clarifier 1. Corrective action documents have been uploaded to OCULUS and no further action is required.</p>

Evaluation Area: Groundwater

<p>Is the facility free from any Groundwater violation not listed</p>	<p>Deficiency: (Narrative) At the time of inspection, there was a crack on the well pad for monitoring well MWC-02 (see supporting document).</p>
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<p>above that needs to be addressed? [See Deficiency Narrative for Specific Rule Violated]</p>	<p>Rule/Permit Reference: Rule 62-600.410(3) states, all facilities and equipment necessary for the collection, treatment, reuse, and disposal of domestic wastewater and biosolids shall be maintained, at a minimum, so as to function as intended.</p>
	<p>Corrective Action(s): (Narrative) Within 7 days of the date of this letter, address the crack on the well pad for MWC-02. Once complete, submit corrective action photos to the Department for review.</p> <p>On Tuesday, December 31, 2024, the Department received corrective action photos of the crack addressed for MWC-02. Corrective action documents have been uploaded to OCULUS and no further action is required.</p>

Evaluation Area: SSO Survey

<p>A sewage spill from any part of a collection/transmission system or treatment plant that did not make it to surface waters, i.e., stormwater collection system, drainage ditch, stream, pond, or lake. [62-604.130(1) F.A.C., SSO6]</p>	<p>Deficiency: (Narrative) In the last 12 months the facility has had 3 sanitary sewer overflows (SSO's). The three spills were on the following dates: 2/6/2024, 10/14/2024, and 12/6/2024</p>
	<p>Corrective Action(s): (Narrative) All of the spills have been addressed and no further action is required.</p>



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

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Lt. Governor

Alexis A. Lambert
Secretary

Site Report

Address: 5095 Kettering Road Brooksville, FL 34602 Hernando County
File #:
Project Name: Ridge Manor Subregional WWTF
Inspection Date: December 19, 2024
Inspectors: Anthony Disipio

Digital Photo Log

Type of Camera Used: SM-S901U
Digital Recording NA
Media:
Were Photos Altered?: No
Photographer: Anthony Disipio



FLORIDA DEPARTMENT OF Environmental Protection

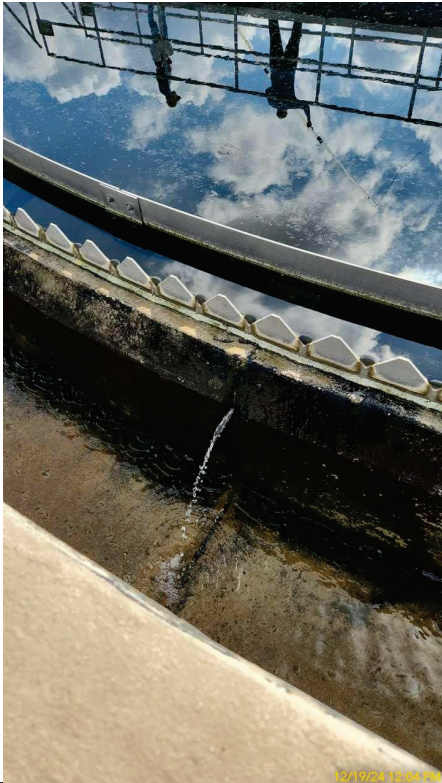
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Inspection Photos

Image #:	1
Photo Description:	Crack near the weirs in Clarifier 1.
Photo Location:	28°30'19.7"N 82°13'15.8"W
 An aerial photograph showing a concrete weir structure. A distinct crack is visible in the concrete, with water flowing through it. The structure is surrounded by water, and a metal walkway is visible above it. The sky is blue with some clouds. A small yellow timestamp "12/19/24 13:45:15" is visible in the bottom right corner of the photo.	



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Image #:	2
Photo Description:	Crack on MWC-2 well pad
Photo Location:	28°30'15.0"N 82°13'27.3"W

